

APPENDIX C

Data Verification Report

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ACRONYMS AND ABBREVIATIONS

°C	Degrees Celsius
% REC	Percent Recovery
µg/Kg	Micrograms per kilogram
µg/L	Micrograms per liter
BHC	Hexachlorocyclohexane
Bldg	Building
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
CC	Army Environmental Compliance-Related Cleanup Program
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
COC	Chain of Custody
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DI	Deionized
DL	Detection Limit
DoD	Department of Defense
DRO	Diesel Range Organics
DSB	Deep Soil Boring
Dup	Duplicate
DVR	Data Verification Report
DVRW	Data Verification Report Worksheets
ECC	Environmental Chemical Corporation
ELAP	Environmental Laboratory Accreditation Program
ER	Equipment Rinsate
FD	Field Duplicate
FWCUG	Facility-Wide Cleanup Goal
FWSAP	Facility-Wide Sampling and Analysis Plan
FWQAPP	Facility-Wide Quality Assurance Project Plan
GRO	Gasoline Range Organics
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ID	Identification
J	Estimated

ACRONYMS AND ABBREVIATIONS (CONTINUED)

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Method Blank
MCPA	2-Methyl-4-chlorophenoxyacetic acid
MCPP	Methylchlorophenoxypropionic acid
MeOH	Methanol
mg/Kg	Milligrams per kilogram
MRL	Method Reporting Limit
MS	Matrix Spike
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl Tertiary Butyl Ether
NA	Not Applicable
No.	Number
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyls
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R	Rejected
RPD	Relative Percent Difference
RVAAP	Ravenna Army Ammunition Plant
SAIC	Science Applications International Corporation
SB	Soil Boring
SDG	Sample Delivery Group
SI	Site Inspection
SIM	Selected Ion Monitoring
SOP	Standard Operating Procedure
SorW	Source Water
SVOC	Semi-volatile Organic Compound
SW	Solid Waste
TAL	Target Analyte List
TB	Trip Blank
TPH	Total Petroleum Hydrocarbon

U	Undetected
UJ	Not detected, reporting limit estimated
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

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1.0 INTRODUCTION

This Data Verification Report (DVR) presents the results of an analytical data review and verification conducted by Environmental Chemical Corporation (ECC) in support of the site investigation at CC (Army Environmental Compliance-Related Cleanup Program) RVAAP (Ravenna Army Ammunition Plant)-72 Facility-Wide Underground Storage Tanks. Project data verification followed the direction provided in the Facility-Wide Quality Assurance Project Plan (FWQAPP), which is part of the Facility-Wide Sampling and Analysis Plan (FWSAP) (SAIC 2011). Protocol for analytical data verification and validation has been updated to the following references:

- Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, 2009 Version 4.1 (DoD QSM 2009)
- U.S. Army Corps of Engineers (USACE), Louisville District QSM Supplement (USACE 2007)
- United States Environmental Protection Agency (USEPA) National Functional Guidelines for Superfund Organic Methods Data Review, EPA-540/R-08-01, June 2008 (USEPA 2008)
- USEPA National Functional Guidelines for Inorganic Superfund Data Review, EPA-540-R-10-011, January 2010 (USEPA 2010)
- Quality Assurance Project Plan (QAPP) for Site Inspections and Remedial Investigations at Compliance Restoration Sites, July 2012 (ECC 2012)

All data were verified by ECC in accordance with the FWQAPP using ECC's automated electronic verification software and manual methods.

All soil analyses were performed by TestAmerica of North Canton, Ohio, except for propellant and explosives analyses, which were performed at TestAmerica of West Sacramento, California, and metals (except mercury), which were performed at TestAmerica of Pittsburgh, Pennsylvania. All three laboratories are DoD Environmental Laboratory Accreditation Program (ELAP) certified. The sample delivery groups (SDG) associated with CC RVAAP-72 field sample data are 240-17810-1, 240-18297-1, 240-18441-1, 240-18449-1, 240-18544-1, 240-18581-1, 240-18703-1, 240-18735-1, and 240-28007-1. Source water and equipment rinsate analyses were performed by TestAmerica Laboratories or CT Laboratory of Baraboo, Wisconsin, which is also an ELAP certified laboratory. See Table 1-1 for a summary of sampling activities.

The sampling activities conducted in support of this project are presented in Section 1.0 Introduction. The data verification findings are presented in Section 2.0 Data Quality Verification Results, and the supporting Data Verification Report Worksheets (DVRW) are provided in Appendix C Worksheets 1 through 13. Section 3.0 Overall Assessment provides the

field, analytical, and project completeness, and Section 4.0 References presents the data verification guidance used for this project. All results with final qualifiers are presented in Appendix D.

1.1 Sampling Activities

The total number of field and quality control (QC) samples collected are summarized below.

Table 1-1: Sample Summary

Subsurface Soil	Number of Field Samples	Number of Field Duplicates	Number of MS/MSD	Number of Associated Trip Blanks	Total Number of Samples
Hexavalent Chromium USTs	29	3	2	0	34
All other USTs	77	7	5	22	111

Notes:

MS/MSD = Matrix Spike/Matrix Spike Duplicate

USTs = Underground Storage Tanks

A complete list of the sample locations, the corresponding sample identification (ID) numbers, and the requested analyses are presented in Table 1-2. In addition, field duplicate (FD) sample and the matrix spike (MS)/matrix spike duplicate (MSD) sample pair locations are presented.

1.2 Laboratory Activities

A list of extraction and analytical methods are presented in Table 1-3.

Table 1-2: Sampling Activities Summary

Site	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
CC RVAAP-72	5-6 ft	072SB-0001-0001-SO	SB-01	RV-5 Bldg 1048 Fire Station	3-Dec-12	240-18297-1	48830					X		X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0001-0002-SO	MS/MSD of 0001	RV-5 Bldg 1048 Fire Station	3-Dec-12	240-18297-1	48830		X			X		X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0002-0001-SO	Dup of 0001	RV-5 Bldg 1048 Fire Station	3-Dec-12	240-18297-1	48830	X				X		X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0003-0001-SO	SB-02	RV-5 Bldg 1048 Fire Station	3-Dec-12	240-18297-1	48830			X	X	X	X	X	X	X	X	X	X	X		X	
CC RVAAP-72	5-6 ft	072SB-0004-0001-SO	SB-03	RV-5 Bldg 1048 Fire Station	3-Dec-12	240-18297-1	48830					X		X	X	X	X						
CC RVAAP-72	DSB 7-13	072SB-0005-0001-SO	SB-01	RV-5 Bldg 1048 Fire Station	3-Dec-12	240-18297-1	48830					X		X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0007-0001-SO	SB-01	RV-4 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0008-0001-SO	SB-02	RV-4 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0009-0001-SO	SB-03	RV-4 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0010-0001-SO	SB-01	RV-4 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0012-0001-SO	SB-01	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832					X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0012-0002-SO	MS/MSD of 0012	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832		X			X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0013-0001-SO	Dup of 0012	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832	X				X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0014-0001-SO	SB-02	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832			X	X	X	X	X	X	X	X	X	X	X		X	
CC RVAAP-72	6-7 ft	072SB-0015-0001-SO	SB-03	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832					X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0016-0001-SO	SB-04	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832					X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0017-0001-SO	SB-05	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832					X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0018-0001-SO	SB-06	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832					X		X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0019-0001-SO	SB-01	RV-86 Bldg 1026	3-Dec-12	240-18297-1	48832					X		X	X	X	X						

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
CC RVAAP-72	6-7 ft	072SB-0021-0001-SO	SB-01	RV-87 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0022-0001-SO	SB-02	RV-87 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	6-7 ft	072SB-0023-0001-SO	SB-03	RV-87 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0024-0001-SO	SB-01	RV-87 Bldg 1026	4-Dec-12	240-18441-1	48722				X	X		X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0026-0001-SO	SB-01	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723					X	X	X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0026-0002-SO	MS/MSD of 0026	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723		X			X	X	X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0027-0001-SO	Dup of 0026	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723	X				X	X	X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0028-0001-SO	SB-02	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723					X	X	X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0029-0001-SO	SB-03	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723					X	X	X	X	X	X						
CC RVAAP-72	5-6 ft	072SB-0030-0001-SO	SB-04	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723			X	X	X	X	X	X	X	X	X	X	X		X	
CC RVAAP-72	5-6 ft	072SB-0031-0001-SO	SB-05	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723					X	X	X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0032-0001-SO	SB-05	RV-89 Georges Rd Treat Plant	4-Dec-12	240-18441-1	48723					X	X	X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0035-0001-SO	SB-01	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726					X	X	X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0035-0002-SO	MS/MSD of 0035	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726		X			X	X	X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0036-0001-SO	Dup of 0035	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726	X				X	X	X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0037-0001-SO	SB-02	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726					X	X	X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0038-0001-SO	SB-03	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726					X	X	X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0039-0001-SO	SB-04	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726			X	X	X	X	X	X	X	X	X	X	X		X	
CC RVAAP-72	8-9 ft	072SB-0040-0001-SO	SB-05	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726					X	X	X	X	X	X						

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
CC RVAAP-72	DSB 7-13 ft	072SB-0041-0001-SO	SB-01	CC-RVAAP-72-03 Atlas Scrap Yard	5-Dec-12	240-18449-1	48726					X	X	X	X	X	X						
CC RVAAP-72	9 ft	072SB-0043-0001-SO	SB-01	CC-RVAAP-72-02 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	9 ft	072SB-0044-0001-SO	SB-02	CC-RVAAP-72-02 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	9 ft	072SB-0045-0001-SO	SB-03	CC-RVAAP-72-02 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	9 ft	072SB-0046-0001-SO	SB-04	CC-RVAAP-72-02 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	5 ft	072SB-0047-0001-SO	SB-05	CC-RVAAP-72-02 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	9 ft	072SB-0049-0001-SO	SB-01	CC-RVAAP-72-04 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	9 ft	072SB-0050-0001-SO	SB-02	CC-RVAAP-72-04 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0051-0001-SO	SB-01	CC-RVAAP-72-05 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0052-0001-SO	SB-02	CC-RVAAP-72-05 Atlas Scrap Yard	5-Dec-12	240-18449-1	48834					X		X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0053-0001-SO	SB-03	CC-RVAAP-72-05 Atlas Scrap Yard	5-Dec-12	240-18449-1	48833					X		X	X	X	X						
CC RVAAP-72	8-9 ft	072SB-0054-0001-SO	SB-04	CC-RVAAP-72-05 Atlas Scrap Yard	5-Dec-12	240-18449-1	48833					X		X	X	X	X						
CC RVAAP-72	6 ft	072SB-0056-0001-SO	SB-01	RV-88	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	7 ft	072SB-0057-0001-SO	SB-02	RV-88	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	7 ft	072SB-0058-0001-SO	SB-03	RV-88	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	7 ft	072SB-0059-0001-SO	SB-04	RV-88	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	7 ft	072SB-0060-0001-SO	SB-05	RV-88	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0093-0001-SO	SB-05	RV-88	14-Aug-13	240-28007-1	261314					X		X	X	X	X						
CC RVAAP-72	11.5 ft	072SB-0063-0001-SO	SB-01	RV-46	6-Dec-12	240-18544-1	49443					X	X	X	X	X	X						

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
CC RVAAP-72	11.5 ft	072SB-0063-0002-SO	MS/MSD of 0063	RV-46	6-Dec-12	240-18544-1	49443		X			X	X	X	X	X	X						
CC RVAAP-72	11.5 ft	072SB-0064-0001-SO	Dup of 0063	RV-46	6-Dec-12	240-18544-1	49443	X				X		X	X	X	X						
CC RVAAP-72	10 ft	072SB-0065-0001-SO	SB-02	RV-46	6-Dec-12	240-18544-1	49443			X	X	X	X	X	X	X	X	X	X	X		X	
CC RVAAP-72	10 ft	072SB-0066-0001-SO	SB-03	RV-46	6-Dec-12	240-18544-1	49443					X	X	X	X	X	X						
CC RVAAP-72	10 ft	072SB-0067-0001-SO	SB-04	RV-46	6-Dec-12	240-18544-1	49443					X	X	X	X	X	X						
CC RVAAP-72	13 ft	072SB-0078-0001-SO	SB-04	RV-46	6-Dec-12	240-18544-1	49444					X		X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0068-0001-SO	SB-01	RV-46	6-Dec-12	240-18544-1	49443					X	X	X	X	X	X						
CC RVAAP-72	8 ft	072SB-0070-0001-SO	SB-01	CC-RVAAP-72-08	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	8 ft	072SB-0071-0001-SO	SB-02	CC-RVAAP-72-08	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	8 ft	072SB-0072-0001-SO	SB-03	CC-RVAAP-72-08	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	8 ft	072SB-0073-0001-SO	SB-04	CC-RVAAP-72-08	7-Dec-12	240-18581-1	49450					X		X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0094-0001-SO	SB-04	CC-RVAAP-72-08	14-Aug-13	240-28007-1	261314					X		X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0075-0001-SO	SB-01	CC-RVAAP-72-01	10-Dec-12	240-18703-1	50746			X	X	X	X	X	X	X	X	X	X	X	X	X	
CC RVAAP-72	5-6 ft	072SB-0076-0001-SO	SB-02	CC-RVAAP-72-01	10-Dec-12	240-18703-1	50746					X	X	X	X	X	X				X		
CC RVAAP-72	5-6 ft	072SB-0077-0001-SO	Dup of 0076	CC-RVAAP-72-01	10-Dec-12	240-18703-1	50746	X				X	X	X	X	X	X				X		
CC RVAAP-72	5-6 ft	072SB-0079-0001-SO	SB-03	CC-RVAAP-72-01	10-Dec-12	240-18703-1	50746					X	X	X	X	X	X				X		
CC RVAAP-72	9-10 ft	072SB-0080-0001SO	SB-04	CC-RVAAP-72-01	10-Dec-12	240-18703-1	50746					X	X	X	X	X	X				X		
CC RVAAP-72	9-10 ft	072SB-0081-0001-SO	SB-05	CC-RVAAP-72-01	10-Dec-12	240-18703-1	50746					X	X	X	X	X	X				X		
CC RVAAP-72	DSB 7-13 ft	072SB-0095-0001-SO	SB-05	CC-RVAAP-72-01	14-Aug-13	240-28007-1	261314					X		X	X	X	X						

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
CC RVAAP-72	5-6 ft	072SB-0082-0001-SO	SB-01	RV-41	10-Dec-12	240-18703-1	50745			X	X	X	X	X	X	X	X	X	X	X		X	
CC RVAAP-72	9-10 ft	072SB-0083-0001-SO	SB-02	RV-41	10-Dec-12	240-18703-1	50745					X	X	X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0084-0001-SO	SB-03	RV-41	10-Dec-12	240-18703-1	50745					X	X	X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0085-0001-SO	SB-04	RV-41	10-Dec-12	240-18703-1	50745					X	X	X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0086-0001-SO	Dup of 0085	RV-41	10-Dec-12	240-18703-1	50745	X				X	X	X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0091-0001-SO	SB-05	RV-41	10-Dec-12	240-18703-1	50745					X	X	X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0092-0001-SO	SB-06	RV-41	10-Dec-12	240-18703-1	50744					X	X	X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0097-0001-SO	SB-01	RV-41	14-Aug-13	240-28007-1	261314					X		X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0087-0001-SO	SB-01	CC-RVAAP-72-06 Water Treatment Plant	10-Dec-12	240-18703-1	50745					X		X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0088-0001-SO	SB-02	CC-RVAAP-72-06 Water Treatment Plant	10-Dec-12	240-18703-1	50745					X		X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0089-0001-SO	SB-03	CC-RVAAP-72-06 Water Treatment Plant	10-Dec-12	240-18703-1	50745					X		X	X	X	X						
CC RVAAP-72	9-10 ft	072SB-0090-0001-SO	SB-04	CC-RVAAP-72-06 Water Treatment Plant	10-Dec-12	240-18703-1	50745					X		X	X	X	X						
CC RVAAP-72	DSB 7-13 ft	072SB-0096-0001-SO	SB-02	CC-RVAAP-72-06 Water Treatment Plant	14-Aug-13	240-28007-1	261314					X		X	X	X	X						
CC RVAAP-72	7-8 ft	076SB-0076-0001-SO ⁽¹⁾	SB-01	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	7-8 ft	076SB-0076-0001-SO ⁽¹⁾	MS/MSD of 0076	Bldg A-6 UST	16-Nov-12	240-17810-1	48783		X														X
CC RVAAP-72	7-8 ft	076SB-0077-0001-SO ⁽¹⁾	SB-02	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	7-8 ft	076SB-0078-0001-SO ⁽¹⁾	SB-03	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	10-11 ft	076SB-0079-0001-SO ⁽¹⁾	SB-04	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
CC RVAAP-72	10-11 ft	076SB-0080-0001-SO ⁽¹⁾	SB-05	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	10-11 ft	076SB-0081-0001-SO ⁽¹⁾	SB-06	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	7-8 ft	076SB-0082-0001-SO ⁽¹⁾	SB-07	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	7-8 ft	076SB-0083-0001-SO ⁽¹⁾	SB-08	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	7-8 ft	076SB-0084-0001-SO ⁽¹⁾	SB-09	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	9-10 ft	076SB-0085-0001-SO ⁽¹⁾	SB-10	Bldg A-6 UST	16-Nov-12	240-17810-1	48783																X
CC RVAAP-72	10-11 ft	076SB-0086-0001-SO ⁽¹⁾	SB-11	Bldg A-6 UST	16-Nov-12	240-17810-1	48784																X
CC RVAAP-72	9-10 ft	076SB-0087-0001-SO ⁽¹⁾	SB-11A	Bldg A-6 UST	16-Nov-12	240-17810-1	48784																X
CC RVAAP-72	10-11 ft	076SB-0088-0001-SO ⁽¹⁾	SB-12	Bldg A-6 UST	16-Nov-12	240-17810-1	48784																X
CC RVAAP-72	7-8 ft	076SB-0089-0001-SO ⁽¹⁾	Dup of 0076	Bldg A-6 UST	16-Nov-12	240-17810-1	48784	X															X
CC RVAAP-72	7-8 ft	076SB-0136-0001-SO ⁽¹⁾	SB-13	Bldg A-6 UST	11-Dec-12	240-18735-1	49454																X
CC RVAAP-72	15-16 ft	076SB-0119-0001-SO ⁽¹⁾	SB-01	Bldg U-3	11-Dec-12	240-18735-1	50742																X
CC RVAAP-72	15-16 ft	076SB-0120-0001-SO ⁽¹⁾	SB-02	Bldg U-3	11-Dec-12	240-18735-1	50742																X
CC RVAAP-72	15-16 ft	076SB-0121-0001-SO ⁽¹⁾	SB-03	Bldg U-3	11-Dec-12	240-18735-1	50742																X
CC RVAAP-72	15-16 ft	076SB-0122-0001-SO ⁽¹⁾	SB-04	Bldg U-3	11-Dec-12	240-18735-1	50742																X
CC RVAAP-72	15-16 ft	076SB-0123-0001-SO ⁽¹⁾	SB-05	Bldg U-3	11-Dec-12	240-18735-1	50742																X
CC RVAAP-72	15-16 ft	076SB-0124-0001-SO ⁽¹⁾	SB-06	Bldg U-3	11-Dec-12	240-18735-1	50742																X
CC RVAAP-72	19-20 ft	076SB-0125-0001-SO ⁽¹⁾	SB-01	Bldg U-6	12-Dec-12	240-18735-1	50742																X
CC RVAAP-72	19-20 ft	076SB-0125-0002-SO ⁽¹⁾	MS/MSD of 0125	Bldg U-6	12-Dec-12	240-18735-1	50742		X														X

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
CC RVAAP-72	19-20 ft	076SB-0126-0001-SO ⁽¹⁾	SB-02	Bldg U-6	11-Dec-12	240-18735-1	50742																X
CC RVAAP-72	19-20 ft	076SB-0127-0001-SO ⁽¹⁾	Dup of 0126	Bldg U-6	11-Dec-12	240-18735-1	50742	X															X
CC RVAAP-72	19-20 ft	076SB-0128-0001-SO ⁽¹⁾	SB-03	Bldg U-6	11-Dec-12	240-18735-1	49454																X
CC RVAAP-72	19-20 ft	076SB-0129-0001-SO ⁽¹⁾	SB-04	Bldg U-6	11-Dec-12	240-18735-1	49454																X
CC RVAAP-72	19-20 ft	076SB-0130-0001-SO ⁽¹⁾	SB-05	Bldg U-6	12-Dec-12	240-18735-1	49454																X
CC RVAAP-72	19-20 ft	076SB-0131-0001-SO ⁽¹⁾	SB-06	Bldg U-6	12-Dec-12	240-18735-1	49454																X
CC RVAAP-72	19-20 ft	076SB-0132-0001-SO ⁽¹⁾	SB-01	Bldg A-1	11-Dec-12	240-18735-1	49454																X
CC RVAAP-72	19-20 ft	076SB-0133-0001-SO ⁽¹⁾	Dup of 0132	Bldg A-1	11-Dec-12	240-18735-1	49454	X															X
CC RVAAP-72	19-20 ft	076SB-0134-0001-SO ⁽¹⁾	SB-02	Bldg A-1	11-Dec-12	240-18735-1	49454																X
CC RVAAP-72	19-20 ft	076SB-0135-0001-SO ⁽¹⁾	SB-03	Bldg A-1	11-Dec-12	240-18735-1	49454																X
Field Quality Control – Trip Blanks																							
CC RVAAP-72	NA	072SB-0006-0001-TB	TB-1	NA	3-Dec-12	240-18297-1	48830				X												
CC RVAAP-72	NA	072SB-0011-0001-TB	TB-2	NA	4-Dec-12	240-18441-1	48722				X												
CC RVAAP-72	NA	072SB-0020-0001-TB	TB-3	NA	3-Dec-12	240-18297-1	48832				X												
CC RVAAP-72	NA	072SB-0025-0001-TB	TB-4	NA	4-Dec-12	240-18441-1	48722				X												
CC RVAAP-72	NA	072SB-0033-0001-TB	TB-5	NA	4-Dec-12	240-18441-1	48723				X												
CC RVAAP-72	NA	072SB-0034-0001-TB	TB-6	NA	4-Dec-12	240-18441-1	48723				X												
CC RVAAP-72	NA	072SB-0042-0001-TB	TB-7	NA	5-Dec-12	240-18449-1	48726				X												
CC RVAAP-72	NA	072SB-0048-0001-TB	TB-8	NA	5-Dec-12	240-18449-1	48834				X												
CC RVAAP-72	NA	072SB-0055-0001-TB	TB-9	NA	5-Dec-12	240-18449-1	48833				X												

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
Field Quality Control – Trip Blanks																							
CC RVAAP-72	NA	072SB-0061-0001-TB	TB-10	NA	7-Dec-12	240-18581-1	49450				X												
CC RVAAP-72	NA	072SB-0069-0001-TB	TB-11	NA	6-Dec-12	240-18544-1	49443				X												
CC RVAAP-72	NA	070SB-0074-0001-TB ⁽²⁾	TB-12	NA	7-Dec-12	240-18581-1	49452				X												
CC RVAAP-72	NA	076SB-0116-0001-TB	TB-13	NA	6-Dec-12	240-18544-1	49446				X												
CC RVAAP-72	NA	076SB-0117-0001-TB	TB-14	NA	6-Dec-12	240-18544-1	49446				X												
CC RVAAP-72	NA	076SB-0118-0001-TB	TB-15	NA	6-Dec-12	240-18544-1	49446				X												
CC RVAAP-72	NA	076SB-0137-0001-TB	TB-16	NA	10-Dec-12	240-18703-1	50744				X												
CC RVAAP-72	NA	076SB-0138-0001-TB	TB-17	NA	10-Dec-12	240-18703-1	50744				X												
CC RVAAP-72	NA	076SB-0139-0001-TB	TB-18	NA	10-Dec-12	240-18703-1	50744				X												
CC RVAAP-72	NA	076SB-0143-0001-TB	TB-19	NA	10-Dec-12	240-18703-1	50744								X								
CC RVAAP-72	NA	076SB-0144-0001-TB	TB-20	NA	10-Dec-12	240-18703-1	50744								X								
CC RVAAP-72	NA	076SB-0145-0001-TB	TB-21	NA	10-Dec-12	240-18703-1	50744								X								
CC RVAAP-72	NA	072SB-0098-0001-TB	TB-22	NA	14-Aug-13	240-28007-1	261315					X			X								
2012 Sampling Event	NA	070-0060-0001-TB	QC TB-1	NA	12-Dec-12	240-18735 -1	50743				X												
2012 Sampling Event	NA	070SB-0055-0001-TB	QC TB-2	NA	12-Dec-12	240-18735 -1	50743								X								
2013 Sampling Event	NA	079-0008-0001-TB	QC TB-3	NA	14-Mar-13	240-21987	48788				X												
2013 Sampling Event	NA	079-0009 00001-TB	QC TB-4	NA	14-Mar-13	240-21987	48788								X								
2012 Sampling Event	NA	076-0068-0001-TB	QC TB-5	NA	15-Nov-12	240-17796-1/-2	48707				X												
2012 Sampling Event	NA	076-0141-0001-TB	QC TB-6	NA	9-Dec-12	240-18703-1	50746				X				X								

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depth	Sample ID	Sample Type	Location	Date	SDG	COC No.	FD	MS/MSD	FULL SUITE	VOC	BTEX/MTBE	SVOC	PAH	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Herbicides	Propellants	Hexavalent Chromium
Field Quality Control – Trip Blanks																							
2012 Sampling Event	NA	076-0142-0001-TB	QC TB-7	NA	9-Dec-12	240-18703-1	50746				X				X								
2013 Sampling Event	NA	079-0318-0001-TB	QC TB-8	NA	15-Aug-13	99335	6				X												
Field Quality Control – Source Water																							
All 2012-2013 Sampling Events	non-dedicated hand sampling tools	070-0057-0001-Source Water	Source Water (ECC bottled decontamination water)	SorW-1	12-Dec-12	240-18735-2	50743				X	X	X	X	X	X	X	X	X	X	X	X	
2012 Sampling Event	Direct Push Tools	070-0056-0001-Source Water	Source Water (Driller decontamination water)	SorW-2	12-Dec-12	240-18735-2	50743				X	X	X	X	X	X	X	X	X	X	X	X	
2013 Sampling Event	Direct Push Tools	079-0007-0001-Source Water	Source Water (Driller decontamination water)	SorW-3	14-Mar-13	240 -21987-1	48788				X	X	X	X	X	X	X	X	X	X	X	X	X
Field Quality Control -Equipment Rinsate																							
2012 Sampling Event	non-dedicated hand sampling tools during sampling event	076-0067-0001-ER	Equipment Rinsate Blank	ER-1	15-Nov-12	240-17796-1/-2	48707				X	X	X	X	X		X	X	X	X	X	X	
2012 Sampling Event	non-dedicated hand sampling tools during sampling event	076-0140-0001-ER	Equipment Rinsate Blank	ER-2	9-Dec-12	240-18703-1	50746				X	X	X	X	X	X	X	X	X	X		X	
2013 Sampling Event	non-dedicated hand sampling tools during sampling event	083SB-0023-0001-ER	Equipment Rinsate Blank	ER-4	15-Aug-13	99335	6				X	X	X	X	X		X	X	X	X		X	

Notes:
ID = Identification
SDG = Sample Delivery Group
No. = Number
SB = Soil Boring
DSB = Deep Soil Boring
Bldg = Building
VOC = Volatile Organic Compound
BTEX = Benzene, Toluene, Ethylbenzene, Xylenes
MTBE = Methyl Tertiary Butyl Ether
SVOC = Semi-volatile Organic Compound

PAH = Polycyclic Aromatic Hydrocarbon
TPH = Total Petroleum Hydrocarbon
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
TAL = Target Analyte List
PCB = Polychlorinated Biphenyls
COC = Chain of Custody
FD = Field Duplicate
Dup = Duplicate
ft = feet

MS/MSD = Matrix Spike/Matrix Spike Duplicate
Propellants include nitroguanidine, nitrocellulose, and nitroglycerin.
ER = Equipment Rinsate
SorW= Source Water
QC = Quality Control
TB = Trip Blank
NA = Not Applicable
CC= Army Environmental Compliance-Related Cleanup Program
RVAAP = Ravenna Army Ammunition Plant
ECC = Environmental Chemical Corporation

⁽¹⁾The hexavalent chromium samples were collected geographically from site CC-76, but programmatically are associated with site CC-72. Therefore, these samples are included within this report, but were identified with 076SB as part of the sample identification.

⁽²⁾This trip blank sample was recorded on the Chain of Custody as 072SB-0074-0001-TB, but the laboratory recorded it as 070SB. Given that the sample was a trip blank, a correction to the sample ID was not requested.

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Table 1-3: Sample Preparation and Analytical Methods

Soil			
Analytical Group	Analytical Method	Sample Preparation Method	Holding Time to Extraction/Holding Time to Analysis
VOC ⁽¹⁾	SW8260B / DoD	SW5035	DI Water 48 hours to analysis or freezing MeOH or freezing/14 days
Herbicides	SW8151A / DoD	SW3540C	14 days/40 days
SVOC ⁽²⁾	SW8270C / DoD	SW3540C	14 days/40 days
TAL Metals	Metals SW6020 / DoD	SW3015B	180 days
	Mercury SW7471 / DoD	SW7471A	28 days
TPH GRO	SW8015B	SW5035	48 hours (DI Water) /14 days
TPH DRO	SW8015B-DRO / DoD	SW3540C	14 days/40 days
PCB	SW8082 / DoD	SW3540C	14 days/40 days
Pesticides	SW8081A DoD	SW3546	14 days/40 days
Explosives	SW8330B	SW8330B	14 days/40 days
Propellants ⁽⁴⁾	Nitrocellulose EPA 353.2	EPA 353	28 days
	Nitroguanidine SW8330 Modified	Sieve/Ultrasonic	14 days/40 days
Hexavalent Chromium	SW7196A	SW3060A	30 days
Aqueous			
Analytical Group	Analytical Method	Sample Preparation Method	Holding Time to Extraction/Holding Time to Analysis
VOC ⁽¹⁾	SW8260B	SW5030B	14 days
	SW826C ⁽³⁾	SW5030B	14 days
SVOC ⁽²⁾	SW8270C / DoD	SW3520C	7 days/40 days
	SW8270D and SW8270D SIM ⁽³⁾	SW3510C	7 days/40 days
TPH-GRO	SW8015B-GRO / DoD	SW5030B	14 days
	SW8015C-GRO ⁽³⁾	SW5030B	14 days
TPH-DRO	SW8015B-DRO / DoD	SW3520C	7 days/40 days
TAL Metals	SW6020 / DoD	SW3005A	180 days
	SW6010C ⁽³⁾	SW3010A	180 days
	SW7470A / DoD	SW7470A	28 days
	SW7470A ⁽³⁾	SW7470A	28 days
PCB	SW8082 / DoD	SW3520C	7 days/40 days
	SW8082A ⁽³⁾	SW3520C	7 days/40 days
Pesticides	SW8081 /DoD	SW3520C	7 days/40 days
	SW8081B ⁽³⁾	SW3520C	7 days/40 days
Herbicides	SW8151 / DoD	SW8151A	7 days/40 days
Explosives	SW8330B	SW8330	7 days/40 days

Table 1-3: Sample Preparation and Analytical Methods (Continued)

Aqueous			
Analytical Group	Analytical Method	Sample Preparation Method	Holding Time to Extraction/Holding Time to Analysis
Propellants ⁽⁴⁾	Nitroguanidine SW8330 Modified	SW8330	7 days/40 days
	Nitroguanidine SW8330B ⁽³⁾	SW8330	7 days/40 days
	Nitrocellulose-TestAmerica West Sacramento Facility SOP-WC-0050	EPA 353.2	28 days
	Nitrocellulose – SW9056M ⁽³⁾	EPA 353.2	28 days
Hexavalent Chromium	SW7196A	SW7196A	48 hours

Notes:

All soil samples, except for VOCs, undergo incremental sample preparation by air drying, then passed through a rotary hammer mill, and sieve.

⁽¹⁾Includes benzene, ethylbenzene, toluene, total xylenes, and methyl tertiary-butyl ether (MTBE)

⁽²⁾Includes polycyclic aromatic hydrocarbons

⁽³⁾ = Analytical method performed only by CT Laboratory (on Equipment Rinsate Blank ER-4); other methods are for Test America Laboratory or by both laboratories.

⁽⁴⁾Propellant nitroglycerin reported by explosives method (SW8330B)

EPA = Environmental Protection Agency

PCB = Polychlorinated Biphenyls

VOC = Volatile Organic Compound

SW = Solid Waste

SVOC = Semi-volatile Organic Compound

DoD = Department of Defense

TAL = Target Analyte List

SIM – Selected Ion Monitoring

TPH = Total Petroleum Hydrocarbon

DI = Deionized

GRO = Gasoline Range Organics

MeOH = Methanol

DRO = Diesel Range Organics

2.0 DATA QUALITY VERIFICATION RESULTS

Data verification is a systematic automated and manual review of all project data for compliance with the FWQAPP Section 10.2.1. This section provides highlights of significant data verification findings (i.e. rejected results, matrix issues), which are discussed in the applicable section below and presented in the reference tables. The reference tables are a summary of all reported data. The DVRW provide specific details such as acceptance ranges, and spike values for automated parameters. The following parameters are evaluated during data verification:

- Holding time
- Blanks (method blank [MB], initial calibration blank [ICB], and/or continuing calibration blank [CCB])
- Serial Dilution
- Post Digestion Spike
- Internal Standards
- Laboratory control samples (LCS)
- Method Reporting Limit (MRL) check
- Calibration (initial calibration, continuing calibration verification [CCV], and initial calibration verification [ICV])
- Surrogates
- Matrix spike (MS)/matrix spike duplicates (MSD)
- Field duplicate results
- Laboratory case narrative
- Dual column relative percent difference (RPD)
- Sample re-analysis and secondary dilutions
- Trip Blanks (TB)
- Equipment Rinsate (ER) Blanks
- Source Water (SorW)

2.1 Data Verification Qualifier Definitions

The data verification qualifier flags and their definitions are presented below:

- U Undetected: The analyte was analyzed for, but not detected. Reported at the Limit of Detection (LOD).
- UJ The analyte was not detected with estimated reporting limit: The analyte was not detected; however, the reporting limit is estimated due to discrepancies in meeting certain analyte-specific QC criteria.
- J Estimated: The analyte was positively identified; the quantitation is an estimation due to discrepancies in meeting certain analyte-specific QC criteria. J is also used

to report detections between the detection limit (DL) and Level of Quantitation (LOQ).

- R Rejected: The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
- N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
- NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

The DoD QSM data reporting convention used will be used. Non-detect data will be reported at the LOD in Appendix C and Appendix D. Within the analytical data package, the laboratory reporting forms use the DoD QSM convention of reporting non-detect data at the LOD. The laboratory reporting forms also present the LOQ for the sample result.

2.2 Sample Receipt at the Laboratory

All sample custodial possession and transfer requirements were met for samples received at the three laboratories. No data required qualification based on sample condition. The samples coolers were received within the recommended temperature range of 4 ± 2 degrees Celsius ($^{\circ}\text{C}$) or just below 2°C , but not frozen.

2.3 Holding Times

All extractions and analyses were performed within QAPP method-specific holding times with the exception of four soil samples, 072SB-0026-0002-SO, 072SB-0028-0001-SO, 072SB-0078-0001-SO, and 072SB-0032-0001-SO, analyzed for semi-volatile organic compounds (SVOC) and one soil sample, 072SB-0094-0001-SO, analyzed for total petroleum hydrocarbon–diesel range organics (TPH-DRO), which were all extracted beyond the preparation holding times. Mercury in one soil sample, 072SB-0078-0001-SO, was analyzed beyond the analytical holding time. See Table 2-1 for qualified data.

2.4 Tuning and Calibration

All methods using a mass selective detector must be tuned in accordance with the standard operating procedure (SOP) and method calibrations must meet the DoD QSM criteria. All applicable method tunes and initial calibrations met method criteria. Select SVOC, herbicides, TPH-DRO and pesticides had ICV and/or CCV out of limits. TPH-gasoline range organics (TPH-GRO) were in limits. See Table 2-2 for qualified data.

Table 2-1: Holding Times

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0026-0002-SO	12/4/2012	240-18441-1	240-18441-17	Hexachlorocyclopentadiene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	1,2,4-Trichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	1,2-Dichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	1,3-Dichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	1,4-Dichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,4,5-Trichlorophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,4,6-Trichlorophenol	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,4-Dichlorophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,4-Dimethylphenol	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,4-Dinitrophenol	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,4-Dinitrotoluene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,6-Dinitrotoluene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2-Chloronaphthalene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2-Chlorophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2-Methylnaphthalene	67	J	Prep Hold Time	67 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2-Methylphenol (o-Cresol)	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2-Nitroaniline	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2-Nitrophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	3,3'-Dichlorobenzidine	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	3-Nitroaniline	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4,6-Dinitro-2-Methylphenol	84	UJ	Prep Hold Time	84 UJ

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4-Bromophenyl phenyl ether	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4-Chloro-3-Methylphenol	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4-Chloroaniline	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4-Chlorophenyl Phenyl Ether	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4-Nitroaniline	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4-Nitrophenol	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Acenaphthene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Acenaphthylene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Anthracene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzo(a)anthracene	11	J	Prep Hold Time	11 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzo(a)pyrene	11	J	Prep Hold Time	11 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzo(b)fluoranthene	13	J	Prep Hold Time	13 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzo(g,h,i)perylene	84	J	Prep Hold Time	84 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzo(k)fluoranthene	4.8	J	Prep Hold Time	4.8 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzoic acid	350	UJ	Prep Hold Time	350 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzyl alcohol	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzyl butyl phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	bis(2-Chloroethoxy) Methane	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	bis(2-Chloroisopropyl) Ether	28	UJ	Prep Hold Time	28 UJ

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	bis(2-Ethylhexyl) Phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Carbazole	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Chrysene	7.7	J	Prep Hold Time	7.7 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Cresols, m & p	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Di-n-Butyl Phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Di-n-Octylphthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Dibenz(a,h)anthracene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Dibenzofuran	14	J	Prep Hold Time	14 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Diethyl Phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Dimethyl Phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Fluoranthene	11	J	Prep Hold Time	11 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Fluorene	4.3	J	Prep Hold Time	4.3 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Hexachlorobenzene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Hexachlorobutadiene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Hexachlorocyclopentadiene	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Hexachloroethane	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Indeno(1,2,3-c,d)Pyrene	13	J	Prep Hold Time	13 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Isophorone	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	n-Nitrosodi-n-propylamine	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	n-Nitrosodiphenylamine	28	UJ	Prep Hold Time	28 UJ

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Naphthalene	27	J	Prep Hold Time	27 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Nitrobenzene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Pentachlorophenol	84	UJ	Prep Hold Time	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Phenanthrene	43	J	Prep Hold Time	43 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Phenol	28	UJ	Prep Hold Time	28 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Pyrene	16	J	Prep Hold Time	16 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	1,2,4-Trichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	1,2-Dichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	1,3-Dichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	1,4-Dichlorobenzene	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,4,5-Trichlorophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,4,6-Trichlorophenol	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,4-Dichlorophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,4-Dimethylphenol	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,4-Dinitrophenol	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,4-Dinitrotoluene	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,6-Dinitrotoluene	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2-Chloronaphthalene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2-Chlorophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2-Methylnaphthalene	120	J	Prep Hold Time	120 J

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2-Methylphenol (o-Cresol)	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2-Nitroaniline	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2-Nitrophenol	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	3,3'-Dichlorobenzidine	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	3-Nitroaniline	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4,6-Dinitro-2-Methylphenol	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4-Bromophenyl phenyl ether	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4-Chloro-3-Methylphenol	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4-Chloroaniline	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4-Chlorophenyl Phenyl Ether	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4-Nitroaniline	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4-Nitrophenol	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Acenaphthene	5.1	J	Prep Hold Time	5.1 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Acenaphthylene	3.7	J	Prep Hold Time	3.7 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Anthracene	7.1	J	Prep Hold Time	7.1 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzo(a)anthracene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzo(a)pyrene	22	J	Prep Hold Time	22 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzo(b)fluoranthene	21	J	Prep Hold Time	21 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzo(g,h,i)perylene	130	J	Prep Hold Time	130 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzo(k)fluoranthene	7.9	J	Prep Hold Time	7.9 J

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzoic acid	350	UJ	Prep Hold Time	350 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzyl alcohol	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzyl butyl phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	bis(2-Chloroethoxy) Methane	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	bis(2-Chloroisopropyl) Ether	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	bis(2-Ethylhexyl) Phthalate	24	J	Prep Hold Time	24 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Carbazole	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Chrysene	3.4	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Cresols, m & p	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Di-n-Butyl Phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Di-n-Octylphthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Dibenz(a,h)anthracene	11	J	Prep Hold Time	11 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Dibenzofuran	20	J	Prep Hold Time	20 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Diethyl Phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Dimethyl Phthalate	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Fluoranthene	20	J	Prep Hold Time	20 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Fluorene	11	J	Prep Hold Time	11 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Hexachlorobenzene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Hexachlorobutadiene	28	UJ	Prep Hold Time	28 UJ

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Hexachlorocyclopentadiene	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Hexachloroethane	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Indeno(1,2,3-c,d)Pyrene	22	J	Prep Hold Time	22 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Isophorone	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	n-Nitrosodi-n-propylamine	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	n-Nitrosodiphenylamine	28	UJ	Prep Hold Time	28 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Naphthalene	35	J	Prep Hold Time	35 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Nitrobenzene	3.4	UJ	Prep Hold Time	3.4 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Pentachlorophenol	83	UJ	Prep Hold Time	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Phenanthrene	57	J	Prep Hold Time	57 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Phenol	28	UJ	Prep Hold Time	28 UJ
PAH (µg/Kg)								
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Benzo(b)fluoranthene	4.4	J	Prep Hold Time	4.4 J
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Benzo(g,h,i)perylene	9.7	J	Prep Hold Time	9.7 J
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Benzo(k)fluoranthene	4.7	J	Prep Hold Time	4.7 J
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Fluoranthene	3.7	J	Prep Hold Time	3.7 J
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Pyrene	4.8	J	Prep Hold Time	4.8 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Pyrene	22	J	Prep Hold Time	22 J
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Acenaphthene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Acenaphthylene	7.4	UJ	Prep Hold Time	7.4 UJ

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
PAH (µg/Kg)								
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Anthracene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Benzo(a)anthracene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Benzo(a)pyrene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Chrysene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Dibenz(a,h)anthracene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Fluorene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Indeno(1,2,3-c,d)Pyrene	7.4	UJ	Prep Hold Time	7.4 UJ
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Naphthalene	7.4	UJ	Prep Hold Time	7.4 UJ
Metals (mg/Kg)								
072SB-0078-0001-SO	12/6/2012	240-18544-1	240-18544-18	Mercury	4.8	J	Analysis Hold Time	4.8 J
TPH-DRO (mg/Kg)								
072SB-0094-0001-SO	8/14/2013	240-28007-1	240-28007-4	C10-C20 Diesel Range Organics	21	UJ	Prep Hold Time	21 UJ
072SB-0094-0001-SO	8/14/2013	240-28007-1	240-28007-4	C20-C34 Motor Oil Range Organics	21	UJ	Prep Hold Time	21 UJ

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile Organic Compound

PAH = Polycyclic Aromatic Hydrocarbon

TPH-DRO = Total Petroleum Hydrocarbon–Diesel Range Organics

µg/Kg = Micrograms per kilogram

UJ = Not Detected, with estimated reporting limit

J = Estimated

Table 2-2: Calibration - Initial and Continuing Calibration Verification

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	3,3'-Dichlorobenzidine	94	UJ	ICV	94 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	3,3'-Dichlorobenzidine	83	UJ	ICV	83 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Hexachlorobenzene	3.4	UJ	ICV	3.4 UJ
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	3,3'-Dichlorobenzidine	83	UJ	ICV	83 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	3,3'-Dichlorobenzidine	84	UJ	ICV	84 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Hexachlorobenzene	3.4	UJ	ICV	3.4 UJ
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	3,3'-Dichlorobenzidine	83	UJ	ICV	83 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	3,3'-Dichlorobenzidine	82	UJ	ICV	82 UJ
072SB-0031-0001-SO	12/4/2012	240-18441-1	240-18441-16	3,3'-Dichlorobenzidine	84	UJ	ICV	84 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	3,3'-Dichlorobenzidine	83	UJ	ICV	83 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Hexachlorobenzene	3.4	UJ	ICV	3.4 UJ
072SB-0056-0001-SO	12/7/2012	240-18581-1	240-18581-7	Fluoranthene	3.8	UJ	ICV	3.8 UJ
072SB-0057-0001-SO	12/7/2012	240-18581-1	240-18581-8	Fluoranthene	3.8	UJ	ICV	3.8 UJ
072SB-0058-0001-SO	12/7/2012	240-18581-1	240-18581-9	Fluoranthene	3.7	UJ	ICV	3.7 UJ
072SB-0059-0001-SO	12/7/2012	240-18581-1	240-18581-10	Fluoranthene	3.7	UJ	ICV	3.7 UJ
072SB-0060-0001-SO	12/7/2012	240-18581-1	240-18581-11	Fluoranthene	3.7	UJ	ICV	3.7 UJ
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	2,4-Dichlorophenol	31	UJ	ICV	31 UJ
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Di-n-Octylphthalate	31	UJ	ICV	31 UJ
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	2,4-Dichlorophenol	30	UJ	ICV	30 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	Di-n-Octylphthalate	30	UJ	ICV	30 UJ
072SB-0066-0001-SO	12/6/2012	240-18544-1	240-18544-4	2,4-Dichlorophenol	30	UJ	ICV	30 UJ
072SB-0066-0001-SO	12/6/2012	240-18544-1	240-18544-4	Di-n-Octylphthalate	30	UJ	ICV	30 UJ
072SB-0067-0001-SO	12/6/2012	240-18544-1	240-18544-5	2,4-Dichlorophenol	31	UJ	ICV	31 UJ
072SB-0067-0001-SO	12/6/2012	240-18544-1	240-18544-5	Di-n-Octylphthalate	31	UJ	ICV	31 UJ
072SB-0068-0001-SO	12/6/2012	240-18544-1	240-18544-6	2,4-Dichlorophenol	120	UJ	ICV	120 UJ
072SB-0068-0001-SO	12/6/2012	240-18544-1	240-18544-6	Di-n-Octylphthalate	120	UJ	ICV	120 UJ
072SB-0070-0001-SO	12/7/2012	240-18581-1	240-18581-13	Fluoranthene	3.8	UJ	ICV	3.8 UJ
072SB-0071-0001-SO	12/7/2012	240-18581-1	240-18581-14	Fluoranthene	3.8	UJ	ICV	3.8 UJ
072SB-0072-0001-SO	12/7/2012	240-18581-1	240-18581-15	Fluoranthene	3.9	UJ	ICV	3.9 UJ
072SB-0073-0001-SO	12/7/2012	240-18581-1	240-18581-16	Fluoranthene	3.8	UJ	ICV	3.8 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	4-Nitroaniline	31	UJ	ICV	31 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Di-n-Butyl Phthalate	31	UJ	ICV	31 UJ
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	3,3'-Dichlorobenzidine	95	UJ	ICV	95 UJ
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	3,3'-Dichlorobenzidine	98	UJ	ICV	98 UJ
072SB-0079-0001-SO	12/10/2012	240-18703-1	240-18703-21	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	3,3'-Dichlorobenzidine	94	UJ	ICV	94 UJ
072SB-0081-0001-SO	12/10/2012	240-18703-1	240-18703-23	4-Nitroaniline	31	UJ	ICV	31 UJ
072SB-0081-0001-SO	12/10/2012	240-18703-1	240-18703-23	Di-n-Butyl Phthalate	94	UJ	ICV	94 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	3,3'-Dichlorobenzidine	92	UJ	ICV	92 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	3,3'-Dichlorobenzidine	86	UJ	ICV	86 UJ
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	3,3'-Dichlorobenzidine	87	UJ	ICV	87 UJ
072SB-0085-0001-SO	12/10/2012	240-18703-1	240-18703-11	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
072SB-0086-0001-SO	12/10/2012	240-18703-1	240-18703-12	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
072SB-0087-0001-SO	12/10/2012	240-18703-1	240-18703-13	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
072SB-0089-0001-SO	12/10/2012	240-18703-1	240-18703-15	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
072SB-0090-0001-SO	12/10/2012	240-18703-1	240-18703-16	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
072SB-0091-0001-SO	12/10/2012	240-18703-1	240-18703-17	3,3'-Dichlorobenzidine	90	UJ	ICV	90 UJ
TPH-DRO (mg/Kg)								
072SB-0056-0001-SO	12/7/2012	240-18581-1	240-18581-7	C10-C20 Diesel Range Organics	11	UJ	CCV	11 UJ
072SB-0056-0001-SO	12/7/2012	240-18581-1	240-18581-7	C20-C34 Motor Oil Range Organics	11	UJ	CCV	11 UJ
072SB-0057-0001-SO	12/7/2012	240-18581-1	240-18581-8	C10-C20 Diesel Range Organics	11	UJ	CCV	11 UJ
072SB-0057-0001-SO	12/7/2012	240-18581-1	240-18581-8	C20-C34 Motor Oil Range Organics	11	UJ	CCV	11 UJ
072SB-0058-0001-SO	12/7/2012	240-18581-1	240-18581-9	C10-C20 Diesel Range Organics	11	UJ	CCV	11 UJ
072SB-0058-0001-SO	12/7/2012	240-18581-1	240-18581-9	C20-C34 Motor Oil Range Organics	11	UJ	CCV	11 UJ
072SB-0059-0001-SO	12/7/2012	240-18581-1	240-18581-10	C10-C20 Diesel Range Organics	10	UJ	CCV	10 UJ
072SB-0059-0001-SO	12/7/2012	240-18581-1	240-18581-10	C20-C34 Motor Oil Range Organics	10	UJ	CCV	10 UJ
072SB-0060-0001-SO	12/7/2012	240-18581-1	240-18581-11	C10-C20 Diesel Range Organics	10	UJ	CCV	10 UJ
072SB-0060-0001-SO	12/7/2012	240-18581-1	240-18581-11	C20-C34 Motor Oil Range Organics	10	UJ	CCV	10 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
TPH-DRO (mg/Kg)								
072SB-0070-0001-SO	12/7/2012	240-18581-1	240-18581-13	C10-C20 Diesel Range Organics	10	UJ	CCV	10 UJ
072SB-0070-0001-SO	12/7/2012	240-18581-1	240-18581-13	C20-C34 Motor Oil Range Organics	10	UJ	CCV	10 UJ
072SB-0071-0001-SO	12/7/2012	240-18581-1	240-18581-14	C10-C20 Diesel Range Organics	11	UJ	CCV	11 UJ
072SB-0071-0001-SO	12/7/2012	240-18581-1	240-18581-14	C20-C34 Motor Oil Range Organics	11	UJ	CCV	11 UJ
072SB-0072-0001-SO	12/7/2012	240-18581-1	240-18581-15	C10-C20 Diesel Range Organics	11	UJ	CCV	11 UJ
072SB-0072-0001-SO	12/7/2012	240-18581-1	240-18581-15	C20-C34 Motor Oil Range Organics	11	UJ	CCV	11 UJ
072SB-0073-0001-SO	12/7/2012	240-18581-1	240-18581-16	C10-C20 Diesel Range Organics	11	UJ	CCV	11 UJ
072SB-0073-0001-SO	12/7/2012	240-18581-1	240-18581-16	C20-C34 Motor Oil Range Organics	11	UJ	CCV	11 UJ
Pesticides (µg/Kg)								
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	Toxaphene	23	UJ	ICV	23 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Aldrin	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	alpha BHC (alpha Hexachlorocyclohexane)	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	alpha Endosulfan	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	alpha-Chlordane	0.76	UJ	CCV	0.76 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	beta BHC (beta Hexachlorocyclohexane)	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	beta Endosulfan	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	delta BHC (delta Hexachlorocyclohexane)	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Dieldrin	0.76	UJ	CCV	0.76 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Endosulfan Sulfate	1.5	UJ	CCV	1.5 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Pesticides (µg/Kg)								
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Endrin	0.76	UJ	CCV	0.76 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Endrin Aldehyde	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Endrin Ketone	0.76	UJ	CCV	0.76 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	gamma BHC (Lindane)	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	gamma-Chlordane	0.76	UJ	CCV	0.76 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Heptachlor	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Heptachlor Epoxide	1.5	UJ	CCV	1.5 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Methoxychlor	3.8	UJ	CCV	3.8 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	4,4'-DDD	0.76	UJ	CCV	0.76 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	4,4'-DDE	0.76	UJ	CCV	0.76 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	4,4'-DDT	0.76	UJ	CCV	0.76 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Aldrin	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	alpha BHC (alpha Hexachlorocyclohexane)	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	alpha Endosulfan	4.0	UJ	CCV	4.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	alpha-Chlordane	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	beta BHC (beta Hexachlorocyclohexane)	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	beta Endosulfan	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	delta BHC (delta Hexachlorocyclohexane)	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Dieldrin	4.0	UJ	CCV	4.0 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Pesticides (µg/Kg)								
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Endosulfan Sulfate	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Endrin	4.0	UJ	CCV	4.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Endrin Aldehyde	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Endrin Ketone	4.0	UJ	CCV	4.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	gamma BHC (Lindane)	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	gamma-Chlordane	4.0	UJ	CCV	4.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Heptachlor	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Heptachlor Epoxide	8.0	UJ	CCV	8.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Methoxychlor	20	UJ	CCV	20 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	4,4'-DDD	4.0	UJ	CCV	4.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	4,4'-DDE	4.0	UJ	CCV	4.0 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	4,4'-DDT	4.0	UJ	CCV	4.0 UJ
Herbicides (µg/Kg)								
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	MCPA	9100	UJ	CCV	9100 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	MCPP	9100	UJ	CCV	9100 UJ
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	MCPA	9500	UJ	CCV	9500 UJ
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	MCPP	9500	UJ	CCV	9500 UJ
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	MCPA	9600	UJ	CCV	9600 UJ
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	MCPP	9600	UJ	CCV	9600 UJ
072SB-0079-0001-SO	12/10/2012	240-18703-1	240-18703-21	MCPA	10000	UJ	CCV	10000 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Herbicides (µg/Kg)								
072SB-0079-0001-SO	12/10/2012	240-18703-1	240-18703-21	MCP	10000	UJ	CCV	10000 UJ
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	MCP	9300	UJ	CCV	9300 UJ
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	MCP	9300	UJ	CCV	9300 UJ
072SB-0081-0001-SO	12/10/2012	240-18703-1	240-18703-23	MCP	9100	UJ	CCV	9100 UJ
072SB-0081-0001-SO	12/10/2012	240-18703-1	240-18703-23	MCP	9100	UJ	CCV	9100 UJ

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile organic compound

TPH-DRO = Total Petroleum Hydrocarbon–Diesel Range Organics

µg/Kg =Micrograms per kilogram

mg/Kg = Milligram per kilogram

UJ = Not Detected, with estimated reporting limit

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

BHC = Hexachlorocyclohexane

DDD = Dichlorodiphenyldichloroethane

DDE =Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

MCPA = 2-Methyl-4-chlorophenoxyacetic acid

MCP = methylchlorophenoxypropionic acid

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2.5 Laboratory Method Blanks, Initial Calibration Blanks, Continuing Calibration Blanks

A laboratory MB is an analyte-free matrix that is carried through the entire sample preparation and analysis sequence for the purpose of identifying potential contamination introduced during sample preparation and analysis. MBs were analyzed for each sample batch for all analyses. ICBs and CCBs are analyzed for metals and nitrocellulose analyses to assess the potential for carry over in the analytical method. If a contaminant is detected below the LOQ and has a result less than 5 times the associated blank level, then the sample value will be U (undetected) flagged at the LOD. If a contaminant is detected above the LOQ and has a result less than 5 times the associated blank level, then the sample value will be U flagged and the LOQ will be changed to that of the contaminant concentration in the sample.

All applicable blank detections resulting in qualified sample results are presented in Table 2-3. Select VOCs, SVOCs, propellants, and one TPH-GRO trip blank result were qualified on the basis of the laboratory MBs.

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Table 2-3: Laboratory Method Blanks

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	2-Hexanone	39	U	MB	79 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Methylene Chloride	1.0	U	MB	0.88 U
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Methyl Ethyl Ketone (2-Butanone)	2.9	U	MB	1.9 U
VOC (µg/L)								
072SB-0061-0001-TB	12/7/2012	240-18581-1	240-18581-12	Methylene Chloride	0.35	U	MB	0.50 U
SVOC (µg/Kg)								
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	bis(2-Ethylhexyl) Phthalate	24	U	MB	32 U
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	bis(2-Ethylhexyl) Phthalate	22	U	MB	30 U
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	bis(2-Ethylhexyl) Phthalate	21	U	MB	30 U
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	bis(2-Ethylhexyl) Phthalate	24	U	MB	30 U
072SB-0066-0001-SO	12/6/2012	240-18544-1	240-18544-4	bis(2-Ethylhexyl) Phthalate	26	U	MB	31 U
072SB-0068-0001-SO	12/6/2012	240-18544-1	240-18544-6	bis(2-Ethylhexyl) Phthalate	22	U	MB	29 U
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	bis(2-Ethylhexyl) Phthalate	24	U	MB	31 U
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	bis(2-Ethylhexyl) Phthalate	24	U	MB	32 U
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	bis(2-Ethylhexyl) Phthalate	31	U	MB	32 U
072SB-0089-0001-SO	12/10/2012	240-18703-1	240-18703-15	bis(2-Ethylhexyl) Phthalate	21	U	MB	30 U
072SB-0090-0001-SO	12/10/2012	240-18703-1	240-18703-16	bis(2-Ethylhexyl) Phthalate	28	U	MB	30 U
Propellants (mg/Kg)								
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	Nitrocellulose	10	U	MB	19 U
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Nitrocellulose	11	U	MB	20 U

Table 2-3: Laboratory Method Blanks (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Propellants (mg/Kg)								
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Nitrocellulose	9.5	U	MB	18 U
TPH-GRO (µg/L)								
072SB-0098-0001-TB	8/14/2013	240-28007-1	240-28007-21	Petroleum Hydrocarbons C6-C12	52	U	MB	60 U

Notes:

SDG = Sample Delivery Group

VOC = Volatile Organic Compound

SVOC = Semi-volatile Organic Compound

TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics

µg/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

µg/L = Micrograms per liter

U = Undetected

MB = Method Blank

2.6 Field Blank Quality Control – Trip Blanks, Equipment Rinsate Blanks, and Source Water

A trip blank (TB) is an analyte-free matrix that accompanies samples through the sample collection and transportation process to identify potential volatile organic compound (VOC) cross-contamination during storage and shipment. A total of 22 TBs were submitted with site primary samples and analyzed as part of the QC program. Of these TBs, 18 were submitted for VOCs, 4 for TPH-GRO, and 1 for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) and Methyl Tertiary Butyl Ether (MTBE). Acetone (6 TBs), 2-butanone (3 TB), 4-methyl-2-pentanone (2 TBs), carbon disulfide (1 TB), and TPH-GRO (2 TBs) were detected in various TBs. However, only one associated primary result had a detection in the range for qualification. Acetone in VOC soil sample, 072SB-0082-0001-SO was qualified as non-detect based on its associated TB. See Table 2-4 for qualified data. See Attachment A for TB data.

Source water sample data are used to determine the pre-existing levels of chemicals in decontamination fluids. For the sampling at this site, three source water samples are associated with the sample data, see Table 1-2. Source water sample SorW-1 was collected from water used to decontaminate hand held tools. Source water samples SorW-2 and SorW-3 were collected from drillers water used to decontaminate direct push sampling tools used in 2012 and 2013, respectively. See Attachment B for source water data.

Source water is used as the final rinsate during equipment decontamination, and samples of this water were submitted as equipment rinsate samples. The equipment rinsate results are evaluated to determine the effectiveness of equipment decontamination. As the source water was tested, the pre-existing levels of chemicals in the equipment rinsate are known, and these are not further evaluated when assessing the equipment rinsate results. Equipment rinsate samples ER-1, ER-2, and ER-3 are associated with the source water samples listed above.

SorW-1 has detections of several metals, including barium, calcium, copper, magnesium, and sodium. SorW-1 also has several VOC detections, 2-butanone, acetone, toluene, bromodichloromethane, chloroform, and dibromochloromethane, and a TPH-GRO detection. SorW-2 has detections of several metals, including aluminum, arsenic, cobalt, copper, calcium, barium, iron, magnesium, manganese, potassium, sodium, and zinc, and a TPH-GRO detection. SorW-3 has detections of several metals, including arsenic, chromium, cobalt, thallium, copper, calcium, barium, iron, magnesium, manganese, potassium, sodium, and zinc. SorW-3 also had a trace level TPH-GRO detection. Source water sample, SorW-3, had organic detections for bis(2-ethylhexyl)phthalate, dalapon, and nitroguanidine, which were qualified as non-detect during data verification.

One or more equipment rinsate results had aqueous detects for trace part per billion levels for several metals, TPH-GRO, and for chloroform. Chloroform was detected in only one site soil sample at a greater level, suggesting that it is representative of site conditions. Soil samples for metals and TPH-GRO are reported in the part per million range, so these low-level equipment rinsate results show that sampling tools were properly decontaminated and that there was no apparent cross-contamination between metal and TPH-GRO soil samples. See Attachment A for equipment rinsate blank data.

QC trip blanks were collected along with the source water and equipment rinsate blank samples. The trip blank, QC TB-1, associated with source water sample SorW-1, had a trace-level chloroform detection; chloroform was not detected in SorW-1. The trip blanks, QC TB-8 and QC-TB-9, associated with equipment rinsate blank sample ER-2, had a trace level of 2-butanone, trace levels of 4-methyl-2-pentanone, and acetone detections. The trip blank, QC TB-10, associated with equipment rinsate blank sample ER-3, had a trace level of acetone, and a methylene chloride detection. None of these compounds were detected in the equipment rinsate blank samples. The trip blank, QC TB-4, associated with SorW-1 and SorW-3, had a trace level TPH-GRO detection similar to those in the source water samples.

Comparison of the source water samples, SorW-1, SorW-2, and Sor-3, results to the equipment rinsate results, ER-1, ER-2, and ER-4 shows similar chemicals except for trace levels of antimony and detections of nickel in ER-1. Soil samples for metals and TPH-GRO are reported in the part per million range, so these low-level source water results show that sampling tools were properly decontaminated and that there was no apparent cross-contamination between metal soil samples. Chloroform, detected at trace levels in all rinsate blank samples, was also detected in source water sample SorW-2, but not in the primary samples, with the exception of one sample noted above.

The equipment rinsate results show that sampling tools were properly decontaminated and that there was no apparent cross-contamination between soil samples.

Table 2-4: Trip Blanks

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Acetone	14	U	Trip Blank	6.1 U

Notes:

SDG = Sample Delivery Group

VOC = Volatile Organic Compound

µg/Kg = Micrograms per kilogram

U = Undetected

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2.7 Surrogates

Surrogates are compounds not normally found in the environment that are added (spiked) into samples prior to extraction (for extractable methods) or prior to analysis (for non-extractable methods). The percent recovery (% REC) of each surrogate is used to assess the success of the sample preparation process for an individual sample. All applicable surrogates were within QAPP limits, with the exception of VOC or BTEX and MTBE analysis for 24 samples, SVOC analysis for 4 samples, and TPH-GRO analysis for 2 samples. All VOC/BTEX/MTBE and SVOC samples listed above had recoveries below QAPP limits. The surrogate recoveries for the two TPH-GRO samples were above QAPP limits. As BTEX/MTBE are a subset of VOC analysis, these are listed in Table 2-5 under VOC analysis. See Table 2-5 for qualified data.

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Table 2-5: Surrogate Recoveries

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Benzene	25	UJ	Surrogate recovery - low	25 UJ
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Ethylbenzene	9.9	UJ	Surrogate recovery - low	9.9 UJ
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	tert-Butyl Methyl Ether	9.9	UJ	Surrogate recovery - low	9.9 UJ
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Toluene	25	UJ	Surrogate recovery - low	25 UJ
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Xylenes, Total	30	UJ	Surrogate recovery - low	30 UJ
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Benzene	24	UJ	Surrogate recovery - low	24 UJ
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Ethylbenzene	9.5	UJ	Surrogate recovery - low	9.5 UJ
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	tert-Butyl Methyl Ether	9.5	UJ	Surrogate recovery - low	9.5 UJ
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Toluene	24	UJ	Surrogate recovery - low	24 UJ
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Xylenes, Total	29	UJ	Surrogate recovery - low	29 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,1,1-Trichloroethane	33	UJ	Surrogate recovery - low	33 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,1,2,2-Tetrachloroethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,1,2-Trichloroethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,1-Dichloroethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,1-Dichloroethene	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,2-Dibromoethane (Ethylene Dibromide)	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,2-Dichloroethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	1,2-Dichloropropane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	2-Hexanone	79	UJ	Surrogate recovery - low	79 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Acetone	320	UJ	Surrogate recovery - low	320 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Benzene	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Bromochloromethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Bromodichloromethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Bromoform	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Bromomethane	79	UJ	Surrogate recovery - low	79 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Carbon Disulfide	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Carbon Tetrachloride	14000	J	Surrogate recovery - low	14000 J
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Chlorobenzene	16	UJ	Surrogate recovery - low	16 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Chloroethane	160	UJ	Surrogate recovery - low	160 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Chloroform	190	J	Surrogate recovery - low	190 J
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Chloromethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	cis-1,3-Dichloropropene	16	UJ	Surrogate recovery - low	16 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Dibromochloromethane	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Ethylbenzene	16	UJ	Surrogate recovery - low	16 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Methyl Ethyl Ketone (2-Butanone)	1600	UJ	Surrogate recovery - low	1600 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1600	UJ	Surrogate recovery - low	1600 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Methylene Chloride	160	UJ	Surrogate recovery - low	160 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Styrene	16	UJ	Surrogate recovery - low	16 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	tert-Butyl Methyl Ether	16	UJ	Surrogate recovery - low	16 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Tetrachloroethylene (PCE)	40	UJ	Surrogate recovery - low	40 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Toluene	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Total 1,2-Dichloroethene	790	UJ	Surrogate recovery - low	790 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	trans-1,3-Dichloropropene	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Trichloroethylene (TCE)	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Vinyl Chloride	40	UJ	Surrogate recovery - low	40 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Xylenes, Total	47	UJ	Surrogate recovery - low	47 UJ
072SB-0004-0001-SO	12/3/2012	240-18297-1	240-18297-12	Benzene	23	UJ	Surrogate recovery - low	23 UJ
072SB-0004-0001-SO	12/3/2012	240-18297-1	240-18297-12	Ethylbenzene	9.1	UJ	Surrogate recovery - low	9.1 UJ
072SB-0004-0001-SO	12/3/2012	240-18297-1	240-18297-12	tert-Butyl Methyl Ether	9.1	UJ	Surrogate recovery - low	9.1 UJ
072SB-0004-0001-SO	12/3/2012	240-18297-1	240-18297-12	Toluene	23	UJ	Surrogate recovery - low	23 UJ
072SB-0004-0001-SO	12/3/2012	240-18297-1	240-18297-12	Xylenes, Total	27	UJ	Surrogate recovery - low	27 UJ
072SB-0005-0001-SO	12/3/2012	240-18297-1	240-18297-13	Benzene	22	UJ	Surrogate recovery - low	22 UJ
072SB-0005-0001-SO	12/3/2012	240-18297-1	240-18297-13	Ethylbenzene	8.7	UJ	Surrogate recovery - low	8.7 UJ
072SB-0005-0001-SO	12/3/2012	240-18297-1	240-18297-13	tert-Butyl Methyl Ether	8.7	UJ	Surrogate recovery - low	8.7 UJ
072SB-0005-0001-SO	12/3/2012	240-18297-1	240-18297-13	Toluene	22	UJ	Surrogate recovery - low	22 UJ
072SB-0005-0001-SO	12/3/2012	240-18297-1	240-18297-13	Xylenes, Total	26	UJ	Surrogate recovery - low	26 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,1,1-Trichloroethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,1,2,2-Tetrachloroethane	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,1,2-Trichloroethane	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,1-Dichloroethane	0.54	UJ	Surrogate recovery - low	0.54 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,1-Dichloroethene	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,2-Dibromoethane (Ethylene Dibromide)	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,2-Dichloroethane	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	1,2-Dichloropropane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	2-Hexanone	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Acetone	6.8	UJ	Surrogate recovery - low	6.8 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Benzene	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Bromochloromethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Bromodichloromethane	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Bromoform	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Bromomethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Carbon Disulfide	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Carbon Tetrachloride	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Chlorobenzene	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Chloroethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Chloroform	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Chloromethane	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	cis-1,3-Dichloropropene	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Dibromochloromethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Ethylbenzene	0.54	UJ	Surrogate recovery - low	0.54 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Methyl Ethyl Ketone (2-Butanone)	2.2	UJ	Surrogate recovery - low	2.2 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	2.2	UJ	Surrogate recovery - low	2.2 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Methylene Chloride	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Styrene	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	tert-Butyl Methyl Ether	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Tetrachloroethylene (PCE)	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Toluene	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Total 1,2-Dichloroethene	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	trans-1,3-Dichloropropene	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Trichloroethylene (TCE)	0.54	UJ	Surrogate recovery - low	0.54 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Vinyl Chloride	1.6	UJ	Surrogate recovery - low	1.6 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Xylenes, Total	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,1,1-Trichloroethane	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,1,2,2-Tetrachloroethane	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,1,2-Trichloroethane	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,1-Dichloroethane	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,1-Dichloroethene	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,2-Dibromoethane (Ethylene Dibromide)	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,2-Dichloroethane	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	1,2-Dichloropropane	1.3	UJ	Surrogate recovery - low	1.3 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	2-Hexanone	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Acetone	7.9	UJ	Surrogate recovery - low	7.9 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Benzene	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Bromochloromethane	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Bromodichloromethane	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Bromoform	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Bromomethane	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Carbon Disulfide	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Carbon Tetrachloride	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Chlorobenzene	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Chloroethane	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Chloroform	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Chloromethane	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	cis-1,3-Dichloropropene	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Dibromochloromethane	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Ethylbenzene	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Methyl Ethyl Ketone (2-Butanone)	2.5	UJ	Surrogate recovery - low	2.5 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	2.5	UJ	Surrogate recovery - low	2.5 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Methylene Chloride	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Styrene	0.63	UJ	Surrogate recovery - low	0.63 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	tert-Butyl Methyl Ether	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Tetrachloroethylene (PCE)	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Toluene	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Total 1,2-Dichloroethene	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	trans-1,3-Dichloropropene	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Trichloroethylene (TCE)	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Vinyl Chloride	0.63	UJ	Surrogate recovery - low	0.63 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Xylenes, Total	1.9	UJ	Surrogate recovery - low	1.9 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,1,1-Trichloroethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,1,2,2-Tetrachloroethane	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,1,2-Trichloroethane	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,1-Dichloroethane	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,1-Dichloroethene	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,2-Dibromoethane (Ethylene Dibromide)	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,2-Dichloroethane	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	1,2-Dichloropropane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	2-Hexanone	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Acetone	7.1	UJ	Surrogate recovery - low	7.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Benzene	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Bromochloromethane	1.1	UJ	Surrogate recovery - low	1.1 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Bromodichloromethane	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Bromoform	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Bromomethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Carbon Disulfide	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Carbon Tetrachloride	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Chlorobenzene	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Chloroethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Chloroform	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Chloromethane	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	cis-1,3-Dichloropropene	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Dibromochloromethane	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Ethylbenzene	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Methyl Ethyl Ketone (2-Butanone)	2.3	UJ	Surrogate recovery - low	2.3 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	2.3	UJ	Surrogate recovery - low	2.3 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Methylene Chloride	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Styrene	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	tert-Butyl Methyl Ether	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Tetrachloroethylene (PCE)	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Toluene	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Total 1,2-Dichloroethene	1.1	UJ	Surrogate recovery - low	1.1 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	trans-1,3-Dichloropropene	1.1	UJ	Surrogate recovery - low	1.1 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Trichloroethylene (TCE)	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Vinyl Chloride	0.56	UJ	Surrogate recovery - low	0.56 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Xylenes, Total	1.7	UJ	Surrogate recovery - low	1.7 UJ
072SB-0012-0001-SO	12/3/2012	240-18297-1	240-18297-15	Benzene	0.47	UJ	Surrogate recovery - low	0.47 UJ
072SB-0012-0001-SO	12/3/2012	240-18297-1	240-18297-15	Ethylbenzene	0.47	UJ	Surrogate recovery - low	0.47 UJ
072SB-0012-0001-SO	12/3/2012	240-18297-1	240-18297-15	tert-Butyl Methyl Ether	0.47	UJ	Surrogate recovery - low	0.47 UJ
072SB-0012-0001-SO	12/3/2012	240-18297-1	240-18297-15	Toluene	0.47	UJ	Surrogate recovery - low	0.47 UJ
072SB-0012-0001-SO	12/3/2012	240-18297-1	240-18297-15	Xylenes, Total	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0016-0001-SO	12/3/2012	240-18297-1	240-18297-19	Benzene	0.42	UJ	Surrogate recovery - low	0.42 UJ
072SB-0016-0001-SO	12/3/2012	240-18297-1	240-18297-19	Ethylbenzene	0.58	UJ	Surrogate recovery - low	0.58 UJ
072SB-0016-0001-SO	12/3/2012	240-18297-1	240-18297-19	tert-Butyl Methyl Ether	0.58	UJ	Surrogate recovery - low	0.58 UJ
072SB-0016-0001-SO	12/3/2012	240-18297-1	240-18297-19	Toluene	0.58	UJ	Surrogate recovery - low	0.58 UJ
072SB-0016-0001-SO	12/3/2012	240-18297-1	240-18297-19	Xylenes, Total	1.7	UJ	Surrogate recovery - low	1.7 UJ
072SB-0017-0001-SO	12/3/2012	240-18297-1	240-18297-20	Benzene	0.58	UJ	Surrogate recovery - low	0.58 UJ
072SB-0017-0001-SO	12/3/2012	240-18297-1	240-18297-20	Ethylbenzene	0.58	UJ	Surrogate recovery - low	0.58 UJ
072SB-0017-0001-SO	12/3/2012	240-18297-1	240-18297-20	tert-Butyl Methyl Ether	0.58	UJ	Surrogate recovery - low	0.58 UJ
072SB-0017-0001-SO	12/3/2012	240-18297-1	240-18297-20	Toluene	0.58	UJ	Surrogate recovery - low	0.58 UJ
072SB-0017-0001-SO	12/3/2012	240-18297-1	240-18297-20	Xylenes, Total	1.7	UJ	Surrogate recovery - low	1.7 UJ
072SB-0018-0001-SO	12/3/2012	240-18297-1	240-18297-21	Benzene	0.48	UJ	Surrogate recovery - low	0.48 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0018-0001-SO	12/3/2012	240-18297-1	240-18297-21	Ethylbenzene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0018-0001-SO	12/3/2012	240-18297-1	240-18297-21	tert-Butyl Methyl Ether	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0018-0001-SO	12/3/2012	240-18297-1	240-18297-21	Toluene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0018-0001-SO	12/3/2012	240-18297-1	240-18297-21	Xylenes, Total	1.7	UJ	Surrogate recovery - low	1.7 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,1,1-Trichloroethane	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,1,2,2-Tetrachloroethane	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,1,2-Trichloroethane	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,1-Dichloroethane	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,1-Dichloroethene	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,2-Dibromoethane (Ethylene Dibromide)	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,2-Dichloroethane	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	1,2-Dichloropropane	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	2-Hexanone	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Acetone	8.7	UJ	Surrogate recovery - low	8.7 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Benzene	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Bromochloromethane	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Bromodichloromethane	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Bromoform	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Bromomethane	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Carbon Disulfide	0.69	UJ	Surrogate recovery - low	0.69 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Carbon Tetrachloride	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Chlorobenzene	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Chloroethane	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Chloroform	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Chloromethane	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	cis-1,3-Dichloropropene	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Dibromochloromethane	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Ethylbenzene	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Methyl Ethyl Ketone (2-Butanone)	2.8	UJ	Surrogate recovery - low	2.8 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	2.8	UJ	Surrogate recovery - low	2.8 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Methylene Chloride	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Styrene	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	tert-Butyl Methyl Ether	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Tetrachloroethylene (PCE)	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Toluene	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Total 1,2-Dichloroethene	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	trans-1,3-Dichloropropene	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Trichloroethylene (TCE)	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Vinyl Chloride	0.69	UJ	Surrogate recovery - low	0.69 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Xylenes, Total	2.1	UJ	Surrogate recovery - low	2.1 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,1,1-Trichloroethane	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,1,2,2-Tetrachloroethane	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,1,2-Trichloroethane	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,1-Dichloroethane	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,1-Dichloroethene	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,2-Dibromoethane (Ethylene Dibromide)	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,2-Dichloroethane	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	1,2-Dichloropropane	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	2-Hexanone	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Acetone	1.9	UJ	Surrogate recovery - low	1.9 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Bromochloromethane	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Bromodichloromethane	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Bromoform	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Bromomethane	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Carbon Disulfide	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Carbon Tetrachloride	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Chlorobenzene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Chloroethane	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Chloroform	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Chloromethane	0.48	UJ	Surrogate recovery - low	0.48 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	cis-1,3-Dichloropropene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Dibromochloromethane	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Ethylbenzene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Methyl Ethyl Ketone (2-Butanone)	1.9	UJ	Surrogate recovery - low	1.9 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1.9	UJ	Surrogate recovery - low	1.9 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Methylene Chloride	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Styrene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	tert-Butyl Methyl Ether	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Tetrachloroethylene (PCE)	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Toluene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Total 1,2-Dichloroethene	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	trans-1,3-Dichloropropene	0.96	UJ	Surrogate recovery - low	0.96 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Trichloroethylene (TCE)	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Vinyl Chloride	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Xylenes, Total	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzene	0.51	UJ	Surrogate recovery - low	0.51 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Ethylbenzene	0.51	UJ	Surrogate recovery - low	0.51 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	tert-Butyl Methyl Ether	0.51	UJ	Surrogate recovery - low	0.51 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Toluene	0.51	UJ	Surrogate recovery - low	0.51 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Xylenes, Total	1.5	UJ	Surrogate recovery - low	1.5 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Benzene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Ethylbenzene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	tert-Butyl Methyl Ether	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Toluene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Xylenes, Total	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Benzene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Ethylbenzene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	tert-Butyl Methyl Ether	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Toluene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Xylenes, Total	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,1,1-Trichloroethane	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,1,2,2-Tetrachloroethane	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,1,2-Trichloroethane	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,1-Dichloroethane	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,1-Dichloroethene	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,2-Dibromoethane (Ethylene Dibromide)	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,2-Dichloroethane	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	1,2-Dichloropropane	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	2-Hexanone	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Acetone	5.5	UJ	Surrogate recovery - low	5.5 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Benzene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Bromochloromethane	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Bromodichloromethane	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Bromoform	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Bromomethane	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Carbon Disulfide	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Carbon Tetrachloride	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Chlorobenzene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Chloroethane	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Chloroform	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Chloromethane	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	cis-1,3-Dichloropropene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Dibromochloromethane	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Ethylbenzene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Methyl Ethyl Ketone (2-Butanone)	1.8	UJ	Surrogate recovery - low	1.8 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1.8	UJ	Surrogate recovery - low	1.8 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Methylene Chloride	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Styrene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	tert-Butyl Methyl Ether	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Tetrachloroethylene (PCE)	0.88	UJ	Surrogate recovery - low	0.88 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Toluene	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Total 1,2-Dichloroethene	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	trans-1,3-Dichloropropene	0.88	UJ	Surrogate recovery - low	0.88 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Trichloroethylene (TCE)	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Vinyl Chloride	0.44	UJ	Surrogate recovery - low	0.44 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Xylenes, Total	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzene	0.46	UJ	Surrogate recovery - low	0.46 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Ethylbenzene	0.46	UJ	Surrogate recovery - low	0.46 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	tert-Butyl Methyl Ether	0.46	UJ	Surrogate recovery - low	0.46 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Toluene	0.46	UJ	Surrogate recovery - low	0.46 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Xylenes, Total	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Benzene	0.57	UJ	Surrogate recovery - low	0.57 UJ
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Ethylbenzene	0.57	UJ	Surrogate recovery - low	0.57 UJ
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	tert-Butyl Methyl Ether	0.57	UJ	Surrogate recovery - low	0.57 UJ
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Toluene	0.57	UJ	Surrogate recovery - low	0.57 UJ
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Xylenes, Total	1.7	UJ	Surrogate recovery - low	1.7 UJ
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Benzene	0.50	UJ	Surrogate recovery - low	0.50 UJ
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Ethylbenzene	0.50	UJ	Surrogate recovery - low	0.50 UJ
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	tert-Butyl Methyl Ether	0.50	UJ	Surrogate recovery - low	0.50 UJ
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Toluene	0.50	UJ	Surrogate recovery - low	0.50 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Xylenes, Total	1.5	UJ	Surrogate recovery - low	1.5 UJ
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Benzene	0.42	UJ	Surrogate recovery - low	0.42 UJ
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Ethylbenzene	0.42	UJ	Surrogate recovery - low	0.42 UJ
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	tert-Butyl Methyl Ether	0.42	UJ	Surrogate recovery - low	0.42 UJ
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Toluene	0.94	J	Surrogate recovery - low	0.94 J
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Xylenes, Total	1.3	UJ	Surrogate recovery - low	1.3 UJ
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	Benzene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	Ethylbenzene	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	tert-Butyl Methyl Ether	0.48	UJ	Surrogate recovery - low	0.48 UJ
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	Toluene	3.5	J	Surrogate recovery - low	3.5 J
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	Xylenes, Total	1.4	UJ	Surrogate recovery - low	1.4 UJ
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	Benzene	0.49	UJ	Surrogate recovery - low	0.49 UJ
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	Ethylbenzene	0.49	UJ	Surrogate recovery - low	0.49 UJ
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	tert-Butyl Methyl Ether	0.49	UJ	Surrogate recovery - low	0.49 UJ
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	Toluene	5.2	J	Surrogate recovery - low	5.2 J
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	Xylenes, Total	1.5	UJ	Surrogate recovery - low	1.5 UJ
SVOC (µg/Kg)								
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Acenaphthene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Acenaphthylene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Anthracene	3.5	UJ	Surrogate recovery - low	3.5 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Benzo(a)anthracene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Benzo(a)pyrene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Benzo(b)fluoranthene	5.8	J	Surrogate recovery - low	5.8 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Benzo(g,h,i)perylene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Benzo(k)fluoranthene	6.2	J	Surrogate recovery - low	6.2 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Chrysene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Dibenz(a,h)anthracene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Fluoranthene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Fluorene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Indeno(1,2,3-c,d)Pyrene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Naphthalene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Phenanthrene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Pyrene	3.5	UJ	Surrogate recovery - low	3.5 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Acenaphthene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Acenaphthylene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Anthracene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Benzo(a)anthracene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Benzo(a)pyrene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Benzo(b)fluoranthene	9.4	J	Surrogate recovery - low	9.4 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Benzo(g,h,i)perylene	3.6	UJ	Surrogate recovery - low	3.6 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Benzo(k)fluoranthene	6.1	J	Surrogate recovery - low	6.1 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Chrysene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Dibenz(a,h)anthracene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Fluoranthene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Fluorene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Indeno(1,2,3-c,d)Pyrene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Naphthalene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Phenanthrene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Pyrene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Acenaphthene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Acenaphthylene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Anthracene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Benzene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Benzo(a)anthracene	8.3	J	Surrogate recovery - low	8.3 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Benzo(a)pyrene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Benzo(b)fluoranthene	13	J	Surrogate recovery - low	13 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Benzo(g,h,i)perylene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Benzo(k)fluoranthene	6.9	J	Surrogate recovery - low	6.9 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Chrysene	5.6	J	Surrogate recovery - low	5.6 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Dibenz(a,h)anthracene	3.6	UJ	Surrogate recovery - low	3.6 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Fluoranthene	3.7	J	Surrogate recovery - low	3.7 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Fluorene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Indeno(1,2,3-c,d)Pyrene	3.6	UJ	Surrogate recovery - low	3.6 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Naphthalene	4.2	J	Surrogate recovery - low	4.2 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Phenanthrene	7.2	J	Surrogate recovery - low	7.2 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Pyrene	5.2	J	Surrogate recovery - low	5.2 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	1,2,4-Trichlorobenzene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	1,2-Dichlorobenzene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	1,3-Dichlorobenzene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	1,4-Dichlorobenzene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	2,4-Dinitrotoluene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	2,6-Dinitrotoluene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	2-Chloronaphthalene	3.4	UJ	Surrogate recovery - low	3.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	2-Methylnaphthalene	100	J	Surrogate recovery - low	100 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	2-Nitroaniline	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	3,3'-Dichlorobenzidine	83	UJ	Surrogate recovery - low	83 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	3-Nitroaniline	83	UJ	Surrogate recovery - low	83 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	4-Bromophenyl phenyl ether	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	4-Chloroaniline	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	4-Chlorophenyl Phenyl Ether	28	UJ	Surrogate recovery - low	28 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	4-Nitroaniline	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Acenaphthene	3.4	UJ	Surrogate recovery - low	3.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Acenaphthylene	3.4	UJ	Surrogate recovery - low	3.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Anthracene	3.4	UJ	Surrogate recovery - low	3.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	1,3-Dichlorobenzene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(a)anthracene	15	J	Surrogate recovery - low	15 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(a)pyrene	18	J	Surrogate recovery - low	18 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(b)fluoranthene	16	J	Surrogate recovery - low	16 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(g,h,i)perylene	140	J	Surrogate recovery - low	140 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(k)fluoranthene	5.8	J	Surrogate recovery - low	5.8 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzyl butyl phthalate	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	bis(2-Chloroethoxy) Methane	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	3.4	UJ	Surrogate recovery - low	3.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	bis(2-Chloroisopropyl) Ether	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	bis(2-Ethylhexyl) Phthalate	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Carbazole	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Chrysene	9.1	J	Surrogate recovery - low	9.1 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Di-n-Butyl Phthalate	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Di-n-Octylphthalate	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Dibenz(a,h)anthracene	3.4	UJ	Surrogate recovery - low	3.4 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Dibenzofuran	16	J	Surrogate recovery - low	16 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Diethyl Phthalate	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Dimethyl Phthalate	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Fluoranthene	12	J	Surrogate recovery - low	12 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Fluorene	8.4	J	Surrogate recovery - low	8.4 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Hexachlorobenzene	63.4	UJ	Surrogate recovery - low	63.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Hexachlorobutadiene	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Hexachlorocyclopentadiene	3.4	UJ	Surrogate recovery - low	3.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Hexachloroethane	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Indeno(1,2,3-c,d)Pyrene	17	J	Surrogate recovery - low	17 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Isophorone	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	n-Nitrosodi-n-propylamine	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	n-Nitrosodiphenylamine	28	UJ	Surrogate recovery - low	28 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Naphthalene	29	J	Surrogate recovery - low	29 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Nitrobenzene	3.4	UJ	Surrogate recovery - low	3.4 UJ
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Phenanthrene	50	J	Surrogate recovery - low	50 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Pyrene	16	J	Surrogate recovery - low	16 J

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
TPH-GRO (mg/Kg)								
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Petroleum Hydrocarbons C6-C12	2200	J	Surrogate recovery - high	2200 J
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	Petroleum Hydrocarbons C6-C12	3200	J	Surrogate recovery - high	3200 J

Notes:

SDG = Sample Delivery Group

µg/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

VOC = Volatile Organic Compound

SVOC = Semi-volatile Organic Compound

TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics

UJ = Not Detected, with estimated reporting limit

U = Undetected

J = Estimated

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2.8 Laboratory Control Samples and/or Laboratory Control Sample Duplicates

An LCS consists of a matrix, similar to that of the field sample, which is spiked with known concentrations of analytes. The LCS % REC is a measure of the accuracy of the preparation and analytical methods. The laboratory control sample duplicate (LCSD), if analyzed, is a duplicate preparation and analysis of the LCS. The differences between the LCS and LCSD recoveries are used to calculate the RPD, which is a measure of the precision of the preparation and analytical methods. LCS samples were analyzed for each sample batch for all analyses. All applicable LCS recoveries were within QAPP limits, with the exceptions of benzoic acid and 3,3'-dichlorobenzidine recoveries in two LCS QC batches, for which the associated results (14 benzoic acid and 5 3,3'-dichlorobenzidine) are qualified as rejected (R) based upon LCS recovery less than 10%. See Table 2-6 for qualified data.

2.9 Matrix Spikes and Matrix Spike Duplicates

MS/MSD analyses measure method accuracy and precision for a project-specific matrix. A field sample is split into three portions (original, MS, and MSD) and known amounts of analytes are added (spiked) into the MS and MSD portions of the sample. The analytical results of these two portions are compared to each other for reproducibility using the RPD. These results are also compared against the unspiked portion of the sample for the percent recovery of the spiked analytes. MS/MSD samples were analyzed for each SDG for all analyses. Low MS percent recovery exceedances for non-detects are qualified as UJ (non-detect with an estimate reporting limit) and detects qualified as J (estimated). High MS percent recovery exceedances are qualified as J (estimated) for detections.

MS/MSD results were provided for all analyses. All MS and MSD recoveries and RPDs were within QAPP limits with the exception of those listed in Table 2-7. SVOC pentachlorophenol in sample 072SB-0026-0001-SO was qualified due to a low MS percent recovery and an RPD outside QAPP limits. For sample 072SB-00014-0001-SO, 19 of 20 pesticide results were qualified due to a low MS and/or MSD recovery, with 15 RPDs also outside QAPP limits for these QC sample analyses.

Based upon validation protocol and professional judgment, inorganics qualification based upon the MS percent recovery exceedance was applied to the entire analytical batch, where applicable. Based upon MS percent recoveries, the following metals batches were qualified: antimony and potassium results in 1 sample, antimony results in 12 samples, antimony and thallium results in 9 samples, thallium results in 6 samples, antimony, arsenic, barium, chromium, lead, potassium, selenium, and vanadium results in 18 samples, and antimony result in 1 sample. The majority of these results were detections (all but 3 antimony). No results were qualified as rejected (R) based upon MS percent recoveries.

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Table 2-6: Laboratory Control Sample/Laboratory Control Sample Duplicate Recoveries

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Benzoic acid	380	R	LCS Recovery < 10%	380 R
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Benzoic acid	380	R	LCS Recovery < 10%	380 R
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Benzoic acid	390	R	LCS Recovery < 10%	390 R
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Benzoic acid	380	R	LCS Recovery < 10%	380 R
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Benzoic acid	390	R	LCS Recovery < 10%	390 R
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Benzoic acid	350	R	LCS Recovery < 10%	350 R
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Benzoic acid	390	R	LCS Recovery < 10%	390 R
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	3,3'-Dichlorobenzidine	89	R	LCS Recovery < 10%	89 R
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Benzoic acid	370	R	LCS Recovery < 10%	370 R
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	3,3'-Dichlorobenzidine	89	R	LCS Recovery < 10%	89 R
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	Benzoic acid	370	R	LCS Recovery < 10%	370 R
072SB-0066-0001-SO	12/6/2012	240-18544-1	240-18544-4	3,3'-Dichlorobenzidine	91	R	LCS Recovery < 10%	91 R
072SB-0066-0001-SO	12/6/2012	240-18544-1	240-18544-4	Benzoic acid	380	R	LCS Recovery < 10%	380 R
072SB-0067-0001-SO	12/6/2012	240-18544-1	240-18544-5	3,3'-Dichlorobenzidine	350	R	LCS Recovery < 10%	350 R
072SB-0067-0001-SO	12/6/2012	240-18544-1	240-18544-5	Benzoic acid	1500	R	LCS Recovery < 10%	1500 R
072SB-0068-0001-SO	12/6/2012	240-18544-1	240-18544-6	3,3'-Dichlorobenzidine	87	R	LCS Recovery < 10%	87 R
072SB-0068-0001-SO	12/6/2012	240-18544-1	240-18544-6	Benzoic acid	360	R	LCS Recovery < 10%	360 R
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Benzoic acid	390	R	LCS Recovery < 10%	770 R
072SB-0081-0001-SO	12/10/2012	240-18703-1	240-18703-23	Benzoic acid	370	R	LCS Recovery < 10%	370 R

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile Organic Compound

µg/Kg = Micrograms per kilogram

R = Rejected

LCS = Laboratory Control Sample

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Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Pentachlorophenol	83	UJ	MS Recovery – low, MS RPD	83 UJ
Pesticides (µg/Kg)								
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	alpha BHC (alpha Hexachlorocyclohexane)	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	alpha Endosulfan	1.5	UJ	MS Recovery - low, MS RPD	1.9 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	alpha-Chlordane	0.77	UJ	MS Recovery - low, MS RPD	0.77 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	beta BHC (beta Hexachlorocyclohexane)	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	beta Endosulfan	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	delta BHC (delta Hexachlorocyclohexane)	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Dieldrin	0.77	UJ	MS Recovery - low, MS RPD	0.77 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Endosulfan Sulfate	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Endrin	0.77	UJ	MS Recovery - low, MS RPD	0.77 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Endrin Aldehyde	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Endrin Ketone	0.77	UJ	MS Recovery - low	0.77 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	gamma BHC (Lindane)	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	gamma-Chlordane	0.77	UJ	MS Recovery - low, MS RPD	0.77 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Heptachlor	1.5	UJ	MS Recovery - low	1.5 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Heptachlor Epoxide	1.5	UJ	MS Recovery - low, MS RPD	1.5 UJ

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Pesticides (µg/Kg)								
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Methoxychlor	3.8	UJ	MS Recovery - low	3.8 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	4,4'-DDD	0.77	UJ	MS Recovery - low, MS RPD	0.77 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	4,4'-DDE	0.77	UJ	MS Recovery - low, MS RPD	0.77 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	4,4'-DDT	0.77	UJ	MS Recovery - low	0.77 UJ
Metals (mg/Kg)								
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Antimony	0.075	J	MS Recovery - low	0.075 J
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Potassium	1900	J	MS Recovery - low	1900 J
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Antimony	0.083	J	MS Recovery - low	0.083 J
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Antimony	0.065	J	MS Recovery - low	0.065 J
072SB-0004-0001-SO	12/3/2012	240-18297-1	240-18297-12	Antimony	0.076	J	MS Recovery - low	0.076 J
072SB-0005-0001-SO	12/3/2012	240-18297-1	240-18297-13	Antimony	0.059	J	MS Recovery - low	0.059 J
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Antimony	0.095	J	MS Recovery - low	0.095 J
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Thallium	0.093	J	MS Recovery - low	0.093 J
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Antimony	0.13	J	MS Recovery - low	0.13 J
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Thallium	0.14	J	MS Recovery - low	0.14 J
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Antimony	0.12	J	MS Recovery - low	0.12 J
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Thallium	0.099	J	MS Recovery - low	0.099 J
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	Antimony	0.13	J	MS Recovery - low	0.13 J
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	Thallium	0.10	J	MS Recovery - low	0.10 J
072SB-0012-0001-SO	12/3/2012	240-18297-1	240-18297-15	Antimony	0.20	J	MS Recovery - low	0.20 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0013-0001-SO	12/3/2012	240-18297-1	240-18297-16	Antimony	0.14	J	MS Recovery - low	0.14 J
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Antimony	0.13	J	MS Recovery - low	0.13 J
072SB-0015-0001-SO	12/3/2012	240-18297-1	240-18297-18	Antimony	0.13	J	MS Recovery - low	0.13 J
072SB-0016-0001-SO	12/3/2012	240-18297-1	240-18297-19	Antimony	0.12	J	MS Recovery - low	0.12 J
072SB-0017-0001-SO	12/3/2012	240-18297-1	240-18297-20	Antimony	0.087	J	MS Recovery - low	0.087 J
072SB-0018-0001-SO	12/3/2012	240-18297-1	240-18297-21	Antimony	0.13	J	MS Recovery - low	0.13 J
072SB-0019-0001-SO	12/3/2012	240-18297-1	240-18297-22	Antimony	0.073	J	MS Recovery - low	0.073 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Antimony	0.091	J	MS Recovery - low	0.091 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Thallium	0.099	J	MS Recovery - low	0.099 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Antimony	0.094	J	MS Recovery - low	0.094 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Thallium	0.089	J	MS Recovery - low	0.089 J
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Antimony	0.094	J	MS Recovery - low	0.094 J
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Thallium	0.13	J	MS Recovery - low	0.13 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Antimony	0.14	J	MS Recovery - low	0.14 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Thallium	0.11	J	MS Recovery - low	0.11 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Thallium	0.12	J	MS Recovery - low	0.12 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Antimony	0.082	J	MS Recovery - low	0.082 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Thallium	0.11	J	MS Recovery - low	0.11 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Thallium	0.084	J	MS Recovery - low	0.084 J
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Thallium	0.074	J	MS Recovery - low	0.074 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Thallium	0.077	J	MS Recovery - low	0.077 J
072SB-0031-0001-SO	12/4/2012	240-18441-1	240-18441-16	Thallium	0.068	J	MS Recovery - low	0.068 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Thallium	0.078	J	MS Recovery - low	0.078 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Antimony	0.11	J	MS Recovery - low	0.11 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Arsenic	13	J	MS Recovery - low	13 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Barium	27	J	MS Recovery - low	27 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Chromium	16	J	MS Recovery - low	16 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Lead	11	J	MS Recovery - low	11 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Potassium	2300	J	MS Recovery - low	2300 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Selenium	0.28	J	MS Recovery - low	0.28 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Vanadium	18	J	MS Recovery - low	18 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Antimony	0.10	UJ	MS Recovery - low	0.10 UJ
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Arsenic	15	J	MS Recovery - low	15 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Barium	23	J	MS Recovery - low	23 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Chromium	14	J	MS Recovery - low	14 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Lead	9.1	J	MS Recovery - low	9.1 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Potassium	1800	J	MS Recovery - low	1800 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Selenium	0.71	J	MS Recovery - low	0.71 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Vanadium	14	J	MS Recovery - low	14 J
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Antimony	0.049	J	MS Recovery - low	0.049 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Arsenic	16	J	MS Recovery - low	16 J
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Barium	44	J	MS Recovery - low	44 J
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Chromium	16	J	MS Recovery - low	16 J
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Lead	10	J	MS Recovery - low	10 J
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Potassium	1500	J	MS Recovery - low	1500 J
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Selenium	0.73	J	MS Recovery - low	0.73 J
072SB-0037-0001-SO	12/5/2012	240-18449-1	240-18449-4	Vanadium	15	J	MS Recovery - low	15 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Antimony	0.063	J	MS Recovery - low	0.063 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Arsenic	16	J	MS Recovery - low	16 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Barium	46	J	MS Recovery - low	46 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Chromium	16	J	MS Recovery - low	16 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Lead	11	J	MS Recovery - low	11 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Potassium	1600	J	MS Recovery - low	1600 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Selenium	0.76	J	MS Recovery - low	0.76 J
072SB-0038-0001-SO	12/5/2012	240-18449-1	240-18449-5	Vanadium	16	J	MS Recovery - low	16 J
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Antimony	0.10	UJ	MS Recovery - low	0.10 UJ
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Arsenic	9.4	J	MS Recovery - low	9.4 J
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Barium	50	J	MS Recovery - low	50 J
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Chromium	18	J	MS Recovery - low	18 J
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Lead	9.7	J	MS Recovery - low	9.7 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Potassium	2500	J	MS Recovery - low	2500 J
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Selenium	0.78	J	MS Recovery - low	0.78 J
072SB-0039-0001-SO	12/5/2012	240-18449-1	240-18449-6	Vanadium	20	J	MS Recovery - low	20 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Antimony	0.098	J	MS Recovery - low	0.098 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Arsenic	15	J	MS Recovery - low	15 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Barium	38	J	MS Recovery - low	38 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Chromium	17	J	MS Recovery - low	17 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Lead	11	J	MS Recovery - low	11 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Potassium	1900	J	MS Recovery - low	1900 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Selenium	0.26	J	MS Recovery - low	0.26 J
072SB-0040-0001-SO	12/5/2012	240-18449-1	240-18449-7	Vanadium	16	J	MS Recovery - low	16 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Antimony	0.055	J	MS Recovery - low	0.055 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Arsenic	18	J	MS Recovery - low	18 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Barium	18	J	MS Recovery - low	18 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Chromium	15	J	MS Recovery - low	15 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Lead	9.8	J	MS Recovery - low	9.8 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Potassium	1500	J	MS Recovery - low	1500 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Selenium	0.28	J	MS Recovery - low	0.28 J
072SB-0041-0001-SO	12/5/2012	240-18449-1	240-18449-8	Vanadium	13	J	MS Recovery - low	13 J
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Antimony	0.082	J	MS Recovery - low	0.082 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Arsenic	13	J	MS Recovery - low	13 J
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Barium	80	J	MS Recovery - low	80 J
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Chromium	18	J	MS Recovery - low	18 J
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Lead	12	J	MS Recovery - low	12 J
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Potassium	1400	J	MS Recovery - low	1400 J
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Selenium	0.28	J	MS Recovery - low	0.28 J
072SB-0043-0001-SO	12/5/2012	240-18449-1	240-18449-10	Vanadium	18	J	MS Recovery - low	18 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Antimony	0.074	J	MS Recovery - low	0.074 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Arsenic	12	J	MS Recovery - low	12 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Barium	49	J	MS Recovery - low	49 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Chromium	20	J	MS Recovery - low	20 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Lead	12	J	MS Recovery - low	12 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Potassium	2500	J	MS Recovery - low	2500 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Selenium	0.46	J	MS Recovery - low	0.46 J
072SB-0044-0001-SO	12/5/2012	240-18449-1	240-18449-11	Vanadium	21	J	MS Recovery - low	21 J
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Antimony	0.080	J	MS Recovery - low	0.080 J
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Arsenic	9.5	J	MS Recovery - low	9.5 J
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Barium	48	J	MS Recovery - low	48 J
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Chromium	18	J	MS Recovery - low	18 J
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Lead	11	J	MS Recovery - low	11 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Potassium	2400	J	MS Recovery - low	2400 J
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Selenium	0.19	J	MS Recovery - low	0.19 J
072SB-0045-0001-SO	12/5/2012	240-18449-1	240-18449-12	Vanadium	20	J	MS Recovery - low	20 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Antimony	0.058	J	MS Recovery - low	0.058 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Arsenic	9.6	J	MS Recovery - low	9.6 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Barium	47	J	MS Recovery - low	47 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Chromium	17	J	MS Recovery - low	17 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Lead	11	J	MS Recovery - low	11 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Potassium	2000	J	MS Recovery - low	2000 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Selenium	0.42	J	MS Recovery - low	0.42 J
072SB-0046-0001-SO	12/5/2012	240-18449-1	240-18449-13	Vanadium	18	J	MS Recovery - low	18 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Antimony	0.077	J	MS Recovery - low	0.077 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Arsenic	18	J	MS Recovery - low	18 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Barium	57	J	MS Recovery - low	57 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Chromium	16	J	MS Recovery - low	16 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Lead	13	J	MS Recovery - low	13 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Potassium	1200	J	MS Recovery - low	1200 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Selenium	0.27	J	MS Recovery - low	0.27 J
072SB-0047-0001-SO	12/5/2012	240-18449-1	240-18449-14	Vanadium	16	J	MS Recovery - low	16 J
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Antimony	0.062	J	MS Recovery - low	0.062 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Arsenic	17	J	MS Recovery - low	17 J
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Barium	34	J	MS Recovery - low	34 J
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Chromium	15	J	MS Recovery - low	15 J
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Lead	10	J	MS Recovery - low	10 J
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Potassium	1500	J	MS Recovery - low	1500 J
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Selenium	0.20	J	MS Recovery - low	0.20 J
072SB-0049-0001-SO	12/5/2012	240-18449-1	240-18449-16	Vanadium	14	J	MS Recovery - low	14 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Antimony	0.066	J	MS Recovery - low	0.066 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Arsenic	12	J	MS Recovery - low	12 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Barium	50	J	MS Recovery - low	50 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Chromium	18	J	MS Recovery - low	18 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Lead	11	J	MS Recovery - low	11 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Potassium	2100	J	MS Recovery - low	2100 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Selenium	0.46	J	MS Recovery - low	0.46 J
072SB-0050-0001-SO	12/5/2012	240-18449-1	240-18449-17	Vanadium	19	J	MS Recovery - low	19 J
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Antimony	0.063	J	MS Recovery - low	0.063 J
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Arsenic	12	J	MS Recovery - low	12 J
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Barium	55	J	MS Recovery - low	55 J
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Chromium	19	J	MS Recovery - low	19 J
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Lead	10	J	MS Recovery - low	10 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Potassium	2500	J	MS Recovery - low	2500 J
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Selenium	0.17	J	MS Recovery - low	0.17 J
072SB-0051-0001-SO	12/5/2012	240-18449-1	240-18449-18	Vanadium	20	J	MS Recovery - low	20 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Antimony	0.061	J	MS Recovery - low	0.061 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Arsenic	8.1	J	MS Recovery - low	8.1 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Barium	46	J	MS Recovery - low	46 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Chromium	17	J	MS Recovery - low	17 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Lead	11	J	MS Recovery - low	11 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Potassium	2000	J	MS Recovery - low	2000 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Selenium	0.20	J	MS Recovery - low	0.20 J
072SB-0052-0001-SO	12/5/2012	240-18449-1	240-18449-19	Vanadium	18	J	MS Recovery - low	18 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Antimony	0.074	J	MS Recovery - low	0.074 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Arsenic	17	J	MS Recovery - low	17 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Barium	45	J	MS Recovery - low	45 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Chromium	17	J	MS Recovery - low	17 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Lead	11	J	MS Recovery - low	11 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Potassium	2100	J	MS Recovery - low	2100 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Selenium	0.37	J	MS Recovery - low	0.37 J
072SB-0053-0001-SO	12/5/2012	240-18449-1	240-18449-20	Vanadium	17	J	MS Recovery - low	17 J
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Antimony	0.069	J	MS Recovery - low	0.069 J

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Arsenic	22	J	MS Recovery - low	22 J
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Barium	49	J	MS Recovery - low	49 J
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Chromium	17	J	MS Recovery - low	17 J
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Lead	12	J	MS Recovery - low	12 J
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Potassium	1900	J	MS Recovery - low	1900 J
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Selenium	0.21	J	MS Recovery - low	0.21 J
072SB-0054-0001-SO	12/5/2012	240-18449-1	240-18449-21	Vanadium	17	J	MS Recovery - low	17 J
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	Antimony	0.10	UJ	MS Recovery - low	0.10 UJ

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile Organic Compound

µg/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

J = Estimated

UJ = Not Detected, with estimated reporting limit

MS = Matrix Spike

RPD = Relative Percent Difference

DDD = Dichlorodiphenyldichloroethane

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

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2.10 Field Duplicates

Field duplicate analytical results provide information on the ability to reproduce field results and account for error introduced from handling, shipping, preparing, and analyzing field samples. All field duplicate RPDs were within the QAPP limits, except for those shown on Table 2-8. See the field duplicate DVRW for all field duplicate results.

2.11 Dilutions and Re-Analyses

Secondary dilutions are made as required to stay within the calibration range of the analytical method or to overcome matrix issues. Re-analyses are performed as necessary to confirm QC exceedances in accordance with the method SOP and DoD QSM. Re-extractions were performed for select VOCs, and the original and re-extraction results were similar. Due matrix interferences one pesticide sample, one VOC sample, and one SVOC sample were reported at a dilution. All pesticide and VOC MRLs were below FWSAP Facility-Wide Cleanup Goals (FWCUG), except for aldrin. The referenced FWCUGs are presented in the Facility-Wide Human Health Cleanup Goals for the Ravenna Army Ammunition Plant Table 5-8 and Table 5-9 (SAIC 2010).

2.12 Internal Standards

All methods using internal calibration must have internal standards spiked into them in accordance with the method SOP and DoD QSM. All applicable internal standards were within method criteria. No qualifications were required.

2.13 Serial Dilution

Serial dilution for metals analysis may be performed if MS percent recovery is out of limits and analyte results are greater than 50 times the MRL. Serial dilutions were within QC limits with the exceptions of those for zinc, calcium, chromium, magnesium, and potassium. See Table 2-9 for qualified results.

2.14 Post Digestion Spikes

Post digestion spikes for metals analysis may be performed if MS percent recovery is out of limits and analyte results are not greater than 50 times the MRL. Post digestion spikes were within QC limits.

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Table 2-8: Field Duplicate Relative Percent Differences

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Toluene	0.94	J	Field Duplicate RPD	0.94 J
072SB-0068-0001-SO	12/6/2012	240-18544-1	240-18544-6	Toluene	3.1	J	Field Duplicate RPD	3.1 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Benzene	9.9	J	Field Duplicate RPD	9.9 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Ethylbenzene	22	J	Field Duplicate RPD	22 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Toluene	52	J	Field Duplicate RPD	52 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Xylenes, Total	150	J	Field Duplicate RPD	150 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Benzene	1.8	J	Field Duplicate RPD	1.8 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Ethylbenzene	0.71	J	Field Duplicate RPD	0.71 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Toluene	6.7	J	Field Duplicate RPD	6.7 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Xylenes, Total	5.4	J	Field Duplicate RPD	5.4 J
SVOC (µg/Kg)								
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	2-Methylnaphthalene	100	J	Field Duplicate RPD	100 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(a)anthracene	15	J	Field Duplicate RPD	15 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(a)pyrene	18	J	Field Duplicate RPD	18 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Benzo(g,h,i)perylene	140	J	Field Duplicate RPD	140 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Naphthalene	29	J	Field Duplicate RPD	29 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Pyrene	16	J	Field Duplicate RPD	16 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	2-Methylnaphthalene	11	J	Field Duplicate RPD	11 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Benzo(a)anthracene	4.4	J	Field Duplicate RPD	4.4 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Benzo(a)pyrene	3.4	UJ	Field Duplicate RPD	3.4 UJ

Table 2-8: Field Duplicate Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Benzo(g,h,i)perylene	42	J	Field Duplicate RPD	42 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Naphthalene	14	J	Field Duplicate RPD	14 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Pyrene	7.1	J	Field Duplicate RPD	7.1 J
072SB-0035-0001-SO	12/5/2012	240-18449-1	240-18449-2	Phenanthrene	13	J	Field Duplicate RPD	13 J
072SB-0036-0001-SO	12/5/2012	240-18449-1	240-18449-3	Phenanthrene	32	J	Field Duplicate RPD	32 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Benzo(a)anthracene	55	J	Field Duplicate RPD	55 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Benzo(a)pyrene	40	J	Field Duplicate RPD	40 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Benzo(b)fluoranthene	65	J	Field Duplicate RPD	65 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Benzo(g,h,i)perylene	34	J	Field Duplicate RPD	34 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Benzo(k)fluoranthene	22	J	Field Duplicate RPD	22 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Chrysene	41	J	Field Duplicate RPD	41 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Fluoranthene	96	J	Field Duplicate RPD	96 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Indeno(1,2,3-c,d)Pyrene	22	J	Field Duplicate RPD	22 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Phenanthrene	47	J	Field Duplicate RPD	47 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Benzo(a)anthracene	24	J	Field Duplicate RPD	24 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Benzo(a)pyrene	16	J	Field Duplicate RPD	16 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Benzo(b)fluoranthene	22	J	Field Duplicate RPD	22 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Benzo(g,h,i)perylene	20	J	Field Duplicate RPD	20 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Benzo(k)fluoranthene	8.9	J	Field Duplicate RPD	8.9 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Chrysene	17	J	Field Duplicate RPD	17 J

Table 2-8: Field Duplicate Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Fluoranthene	34	J	Field Duplicate RPD	34 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Indeno(1,2,3-c,d)Pyrene	10	J	Field Duplicate RPD	10 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Phenanthrene	21	J	Field Duplicate RPD	21 J
TPH-GRO (mg/Kg)								
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Petroleum Hydrocarbons C6-C12	320	J	Field Duplicate RPD	320 J
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Petroleum Hydrocarbons C6-C12	180	J	Field Duplicate RPD	180 J
Metals (mg/Kg)								
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Arsenic	14	J	Field Duplicate RPD	14 J
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Barium	36	J	Field Duplicate RPD	36 J
072SB-0001-0001-SO	12/3/2012	240-18297-1	240-18297-9	Calcium	2900	J	Field Duplicate RPD	2900 J
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Arsenic	7.8	J	Field Duplicate RPD	7.8 J
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Barium	87	J	Field Duplicate RPD	87 J
072SB-0002-0001-SO	12/3/2012	240-18297-1	240-18297-10	Calcium	28000	J	Field Duplicate RPD	28000 J
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Arsenic	3.2	J	Field Duplicate RPD	3.2 J
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Barium	68	J	Field Duplicate RPD	68 J
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Manganese	3400	J	Field Duplicate RPD	3400 J
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Arsenic	4.5	J	Field Duplicate RPD	4.5 J
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Barium	48	J	Field Duplicate RPD	48 J
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Manganese	1100	J	Field Duplicate RPD	1100 J
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Arsenic	4.0	J	Field Duplicate RPD	4.0 J

Table 2-8: Field Duplicate Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Barium	34	J	Field Duplicate RPD	34 J
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Manganese	850	J	Field Duplicate RPD	850 J
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	Arsenic	2.7	J	Field Duplicate RPD	2.7 J
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	Barium	39	J	Field Duplicate RPD	39 J
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	Manganese	900	J	Field Duplicate RPD	900 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Arsenic	2.4	J	Field Duplicate RPD	2.4 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Barium	49	J	Field Duplicate RPD	49 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Manganese	1100	J	Field Duplicate RPD	1100 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Arsenic	2.5	J	Field Duplicate RPD	2.5 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Barium	54	J	Field Duplicate RPD	54 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Manganese	1100	J	Field Duplicate RPD	1100 J
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Arsenic	3.0	J	Field Duplicate RPD	3.0 J
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Barium	42	J	Field Duplicate RPD	42 J
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Manganese	960	J	Field Duplicate RPD	960 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Arsenic	3.1	J	Field Duplicate RPD	3.1 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Barium	48	J	Field Duplicate RPD	48 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Manganese	1400	J	Field Duplicate RPD	1400 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Arsenic	0.51	J	Field Duplicate RPD	0.51 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Barium	31	J	Field Duplicate RPD	31 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Manganese	210	J	Field Duplicate RPD	210 J

Table 2-8: Field Duplicate Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Arsenic	1.1	J	Field Duplicate RPD	1.1 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Barium	16	J	Field Duplicate RPD	16 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Manganese	84	J	Field Duplicate RPD	84 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Arsenic	0.45	J	Field Duplicate RPD	0.45 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Barium	36	J	Field Duplicate RPD	36 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Manganese	180	J	Field Duplicate RPD	180 J
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Arsenic	0.40	J	Field Duplicate RPD	0.40 J
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Barium	29	J	Field Duplicate RPD	29 J
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Manganese	130	J	Field Duplicate RPD	130 J
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Arsenic	0.45	J	Field Duplicate RPD	0.45 J
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Barium	26	J	Field Duplicate RPD	26 J
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Manganese	210	J	Field Duplicate RPD	210 J
072SB-0031-0001-SO	12/4/2012	240-18441-1	240-18441-16	Arsenic	0.38	J	Field Duplicate RPD	0.38 J
072SB-0031-0001-SO	12/4/2012	240-18441-1	240-18441-16	Barium	30	J	Field Duplicate RPD	30 J
072SB-0031-0001-SO	12/4/2012	240-18441-1	240-18441-16	Manganese	160	J	Field Duplicate RPD	160 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Arsenic	0.43	J	Field Duplicate RPD	0.43 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Barium	29	J	Field Duplicate RPD	29 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Manganese	110	J	Field Duplicate RPD	110 J
072SB-0064-0001-SO	12/6/2012	240-18544-1	240-18544-2	Manganese	420	J	Field Duplicate RPD	420 J
072SB-0068-0001-SO	12/6/2012	240-18544-1	240-18544-6	Manganese	220	J	Field Duplicate RPD	220 J

Table 2-8: Field Duplicate Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Barium	56	J	Field Duplicate RPD	56 J
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Manganese	330	J	Field Duplicate RPD	330 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Barium	95	J	Field Duplicate RPD	95 J
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Manganese	1700	J	Field Duplicate RPD	1700 J

Notes:

SDG = Sample Delivery Group

VOC = Volatile Organic Compound

SVOC = Semi-volatile Organic Compound

TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics

µg/Kg = Microgram per kilogram

mg/Kg = Milligram per kilogram

J = Estimated

UJ = Not Detected, with estimated reporting limit

RPD = Relative Percent Difference

Table 2-9: Serial Dilution Percent Differences

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Metals (mg/Kg)								
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Zinc	55	J	Serial dilution %D	55 J
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Zinc	88	J	Serial dilution %D	88 J
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Zinc	94	J	Serial dilution %D	94 J
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	Zinc	71	J	Serial dilution %D	71 J
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Zinc	83	J	Serial dilution %D	83 J
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Zinc	79	J	Serial dilution %D	79 J
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Zinc	70	J	Serial dilution %D	70 J
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Zinc	67	J	Serial dilution %D	67 J
072SB-0026-0001-SO	12/4/2012	240-18441-1	240-18441-11	Zinc	45	J	Serial dilution %D	45 J
072SB-0027-0001-SO	12/4/2012	240-18441-1	240-18441-12	Zinc	33	J	Serial dilution %D	33 J
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Zinc	41	J	Serial dilution %D	41 J
072SB-0029-0001-SO	12/4/2012	240-18441-1	240-18441-14	Zinc	38	J	Serial dilution %D	38 J
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Zinc	39	J	Serial dilution %D	39 J
072SB-0031-0001-SO	12/4/2012	240-18441-1	240-18441-16	Zinc	47	J	Serial dilution %D	47 J
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Zinc	41	J	Serial dilution %D	41 J
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	Calcium	11000	J	Serial dilution %D	11000 J
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	Chromium	14	J	Serial dilution %D	14 J
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	Magnesium	8700	J	Serial dilution %D	8700 J
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	Potassium	1600	J	Serial dilution %D	1600 J

Notes:

SDG = Sample Delivery Group
mg/Kg = Milligrams per kilogram

J = Estimated
%D = Percent Difference

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2.15 Dual Column Relative Percent Difference

All detected results from dual column methods were confirmed on a second column. Dual column comparisons between the detected explosive, pesticides and PCBs results were made using the identification summary forms. All applicable dual column results were within QC limits.

2.16 Method Reporting Limit Checks

The ability of the laboratory to quantitatively meet the MRL is verified by analyzing pre-analysis and post-analysis MRL check samples. The MRL check criterion is 70-130%. If the MRL % REC is less than 70%, then non-detects are qualified as UJ and detects are qualified as J. If the MRL % REC is greater than 130%, then detects are qualified as J. If MRL % REC is less than 10%, then non-detects are qualified as R and detects are qualified as J.

The MRL check is in limits for all methods, except for select VOCs, acetone and 2-hexanone, and select SVOCs, pentachlorophenol, benzoic acid, 4,6-dinitrophenol-2-methylphenol, 2,4-dinitrophenol, and 4-nitroaniline. See Table 2-10 for qualified results.

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Table 2-10: Method Reporting Limit Check Recoveries

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	2-Hexanone	79	UJ	MRL Recovery - low	1600 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	Acetone	320	UJ	MRL Recovery - low	1600 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	2-Hexanone	1.1	UJ	MRL Recovery - low	22 UJ
072SB-0007-0001-SO	12/4/2012	240-18441-1	240-18441-1	Acetone	6.8	UJ	MRL Recovery - low	22 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	2-Hexanone	1.3	UJ	MRL Recovery - low	25 UJ
072SB-0008-0001-SO	12/4/2012	240-18441-1	240-18441-2	Acetone	7.9	UJ	MRL Recovery - low	25 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	2-Hexanone	1.1	UJ	MRL Recovery - low	23 UJ
072SB-0009-0001-SO	12/4/2012	240-18441-1	240-18441-3	Acetone	7.1	UJ	MRL Recovery - low	23 UJ
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	2-Hexanone	1.3	UJ	MRL Recovery - low	25 UJ
072SB-0010-0001-SO	12/4/2012	240-18441-1	240-18441-4	Acetone	7.9	UJ	MRL Recovery - low	25 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	2-Hexanone	0.88	UJ	MRL Recovery - low	18 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	Acetone	5.5	UJ	MRL Recovery - low	18 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	2-Hexanone	0.84	UJ	MRL Recovery - low	17 UJ
072SB-0021-0001-SO	12/4/2012	240-18441-1	240-18441-6	Acetone	5.3	UJ	MRL Recovery - low	17 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	2-Hexanone	1.2	UJ	MRL Recovery - low	23 UJ
072SB-0022-0001-SO	12/4/2012	240-18441-1	240-18441-7	Acetone	7.3	UJ	MRL Recovery - low	23 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	2-Hexanone	1.4	UJ	MRL Recovery - low	28 UJ
072SB-0023-0001-SO	12/4/2012	240-18441-1	240-18441-8	Acetone	8.7	UJ	MRL Recovery - low	28 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	2-Hexanone	0.96	UJ	MRL Recovery - low	19 UJ
072SB-0024-0001-SO	12/4/2012	240-18441-1	240-18441-9	Acetone	6.0	UJ	MRL Recovery - low	19 UJ
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	2-Hexanone	0.88	UJ	MRL Recovery - low	18 UJ

Table 2-10: Method Reporting Limit Check Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
072SB-0030-0001-SO	12/4/2012	240-18441-1	240-18441-15	Acetone	5.5	UJ	MRL Recovery - low	18 UJ
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	2-Hexanone	0.87	UJ	MRL Recovery - low	17 UJ
072SB-0065-0001-SO	12/6/2012	240-18544-1	240-18544-3	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	0.87	UJ	MRL Recovery - low	17 UJ
072SB-0075-0001-SO	12/10/2012	240-18703-1	240-18703-18	Bromoform	0.44	UJ	MRL Recovery - low	4.4 UJ
SVOC (µg/Kg)								
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	2,4-Dinitrophenol	94	UJ	MRL Recovery - low	390 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	4,6-Dinitro-2-Methylphenol	94	UJ	MRL Recovery - low	180 UJ
072SB-0003-0001-SO	12/3/2012	240-18297-1	240-18297-11	4-Nitroaniline	32	UJ	MRL Recovery - low	240 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	2,4-Dinitrophenol	90	UJ	MRL Recovery - low	370 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	4,6-Dinitro-2-Methylphenol	90	UJ	MRL Recovery - low	170 UJ
072SB-0014-0001-SO	12/3/2012	240-18297-1	240-18297-17	4-Nitroaniline	30	UJ	MRL Recovery - low	230 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	2,4-Dinitrotoluene	28	UJ	MRL Recovery - low	210 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	4,6-Dinitro-2-Methylphenol	84	UJ	MRL Recovery - low	160 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Benzoic acid	350	UJ	MRL Recovery - low	690 UJ
072SB-0028-0001-SO	12/4/2012	240-18441-1	240-18441-13	Pentachlorophenol	83	UJ	MRL Recovery - low	160 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	2,4-Dinitrophenol	95	UJ	MRL Recovery - low	340 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	4,6-Dinitro-2-Methylphenol	95	UJ	MRL Recovery - low	160 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Benzoic acid	400	UJ	MRL Recovery - low	690 UJ
072SB-0032-0001-SO	12/4/2012	240-18441-1	240-18441-17	Pentachlorophenol	83	UJ	MRL Recovery - low	160 UJ
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	2,4-Dinitrophenol	98	UJ	MRL Recovery - low	390 UJ
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	4,6-Dinitro-2-Methylphenol	98	UJ	MRL Recovery - low	180 UJ
072SB-0076-0001-SO	12/10/2012	240-18703-1	240-18703-19	Benzoic acid	410	R	MRL Recovery < 10%	780 R
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	2,4-Dinitrophenol	100	UJ	MRL Recovery - low	410 UJ

Table 2-10: Method Reporting Limit Check Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	4,6-Dinitro-2-Methylphenol	100	UJ	MRL Recovery - low	180 UJ
072SB-0077-0001-SO	12/10/2012	240-18703-1	240-18703-20	Benzoic acid	440	R	MRL Recovery < 10%	810 R
072SB-0079-0001-SO	12/10/2012	240-18703-1	240-18703-21	2,4-Dinitrophenol	94	UJ	MRL Recovery - low	430 UJ
072SB-0079-0001-SO	12/10/2012	240-18703-1	240-18703-21	4,6-Dinitro-2-Methylphenol	94	UJ	MRL Recovery - low	200 UJ
072SB-0079-0001-SO	12/10/2012	240-18703-1	240-18703-21	Benzoic acid	390	R	MRL Recovery < 10%	870 R
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	2,4-Dinitrophenol	94	UJ	MRL Recovery - low	390 UJ
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	4,6-Dinitro-2-Methylphenol	94	UJ	MRL Recovery - low	180 UJ
072SB-0080-0001-SO	12/10/2012	240-18703-1	240-18703-22	Benzoic acid	390	R	MRL Recovery < 10%	770 R
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	2,4-Dinitrophenol	92	UJ	MRL Recovery - low	390 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	4,6-Dinitro-2-Methylphenol	92	UJ	MRL Recovery - low	180 UJ
072SB-0082-0001-SO	12/10/2012	240-18703-1	240-18703-8	Benzoic acid	380	R	MRL Recovery < 10%	770 R
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	2,4-Dinitrophenol	92	UJ	MRL Recovery - low	380 UJ
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	4,6-Dinitro-2-Methylphenol	92	UJ	MRL Recovery - low	170 UJ
072SB-0083-0001-SO	12/10/2012	240-18703-1	240-18703-9	Benzoic acid	380	R	MRL Recovery < 10%	760 R
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	2,4-Dinitrophenol	94	UJ	MRL Recovery - low	380 UJ
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	4,6-Dinitro-2-Methylphenol	94	UJ	MRL Recovery - low	170 UJ
072SB-0084-0001-SO	12/10/2012	240-18703-1	240-18703-10	Benzoic acid	380	R	MRL Recovery < 10%	760 R
072SB-0085-0001-SO	12/10/2012	240-18703-1	240-18703-11	2,4-Dinitrophenol	92	UJ	MRL Recovery - low	390 UJ
072SB-0085-0001-SO	12/10/2012	240-18703-1	240-18703-11	4,6-Dinitro-2-Methylphenol	92	UJ	MRL Recovery - low	180 UJ
072SB-0085-0001-SO	12/10/2012	240-18703-1	240-18703-11	Benzoic acid	380	R	MRL Recovery < 10%	770 R
072SB-0086-0001-SO	12/10/2012	240-18703-1	240-18703-12	2,4-Dinitrophenol	86	UJ	MRL Recovery - low	380 UJ
072SB-0086-0001-SO	12/10/2012	240-18703-1	240-18703-12	4,6-Dinitro-2-Methylphenol	86	UJ	MRL Recovery - low	170 UJ
072SB-0086-0001-SO	12/10/2012	240-18703-1	240-18703-12	Benzoic acid	360	R	MRL Recovery < 10%	760 R

Table 2-10: Method Reporting Limit Check Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
072SB-0087-0001-SO	12/10/2012	240-18703-1	240-18703-13	2,4-Dinitrophenol	87	UJ	MRL Recovery - low	360 UJ
072SB-0087-0001-SO	12/10/2012	240-18703-1	240-18703-13	4,6-Dinitro-2-Methylphenol	87	UJ	MRL Recovery - low	160 UJ
072SB-0087-0001-SO	12/10/2012	240-18703-1	240-18703-13	Benzoic acid	360	R	MRL Recovery < 10%	710 R
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	2,4-Dinitrophenol	90	UJ	MRL Recovery - low	360 UJ
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	4,6-Dinitro-2-Methylphenol	90	UJ	MRL Recovery - low	160 UJ
072SB-0088-0001-SO	12/10/2012	240-18703-1	240-18703-14	Benzoic acid	370	R	MRL Recovery < 10%	720 R
072SB-0089-0001-SO	12/10/2012	240-18703-1	240-18703-15	2,4-Dinitrophenol	90	UJ	MRL Recovery - low	370 UJ
072SB-0089-0001-SO	12/10/2012	240-18703-1	240-18703-15	4,6-Dinitro-2-Methylphenol	90	UJ	MRL Recovery - low	170 UJ
072SB-0089-0001-SO	12/10/2012	240-18703-1	240-18703-15	Benzoic acid	370	R	MRL Recovery < 10%	740 R
072SB-0090-0001-SO	12/10/2012	240-18703-1	240-18703-16	2,4-Dinitrophenol	90	UJ	MRL Recovery - low	370 UJ
072SB-0090-0001-SO	12/10/2012	240-18703-1	240-18703-16	4,6-Dinitro-2-Methylphenol	90	UJ	MRL Recovery - low	170 UJ
072SB-0090-0001-SO	12/10/2012	240-18703-1	240-18703-16	Benzoic acid	370	R	MRL Recovery < 10%	740 R
072SB-0091-0001-SO	12/10/2012	240-18703-1	240-18703-17	2,4-Dinitrophenol	90	UJ	MRL Recovery - low	370 UJ
072SB-0091-0001-SO	12/10/2012	240-18703-1	240-18703-17	4,6-Dinitro-2-Methylphenol	90	UJ	MRL Recovery - low	170 UJ
072SB-0091-0001-SO	12/10/2012	240-18703-1	240-18703-17	Benzoic acid	380	R	MRL Recovery < 10%	750 R

Notes:

SDG = Sample Delivery Group

VOC = Volatile Organic Compound

SVOC = Semi-volatile Organic Compound

µg/Kg = Micrograms per kilogram

UJ = Not Detected, with estimated reporting limit

R = Rejected

MRL = Method Reporting Limit

3.0 OVERALL ASSESSMENT

The following subsections present the field completeness, analytical completeness, and project completeness determinations for this project.

3.1 Field Completeness

Field completeness for sample collection was assessed by comparing the number of sample points sampled to the number of sample points planned for collection in accordance with FWQAPP Section 13.1. Field completeness was 100%. See Table 3-1 for a summary of field completeness.

At select sites, the number of soil borings was revised lower or higher, per agreement with the client, subsequent to the original published work plan. Additionally, herbicides, hexavalent chromium and several of the TAL metals analyses were added to the sampling program.

Within Table 3-1, the number for total BTEX/MTBE analyses includes the samples run for the full VOC analytical list, as BTEX and MTBE compounds are included within the full list. Similarly, the number for total PAH analyses includes the samples run for the full SVOC analytical list, as PAH compounds are included within the full list.

3.2 Analytical Completeness

Analytical completeness was assessed by comparing the number of valid (analytes that have not been rejected) laboratory analyte measurements performed to the number of laboratory analyte measurements planned. Analytical completeness was 100% for all analytical methods except for SVOCs, which had low LCS recoveries (<10%) for benzoic acid and 3,3'-dichlorobenzidine. Nineteen SVOCs were qualified as R, which includes fourteen benzoic acid sample results and five 3,3'-dichlorobenzidine sample results. SVOC analytical completeness was 99.15%. Full analytical completeness including SVOC analyses is 99.73%. See Table 3-2 for a summary of analytical completeness.

3.3 Project Completeness

Project completeness combines sampling and analytical protocols to assess the expectations of the project as a whole. Project completeness is determined by comparing the percentage of samples/measurements that are determined to be usable to the total number of samples/measurements planned. Project completeness is calculated using the field completeness and analytical completeness (quality data) percentages. The overall project completeness exceeds the

project completeness goal of 90%, with 100% or greater completeness for all analyses. See Table 3-3 for the project completeness results.

3.4 Data Usability

The overall quality of the CC RVAAP-72 Facility-Wide Underground Storage Tanks Site Inspection (SI) information meets or exceeds the established project objectives. Through proper implementation of the project data verification and assessment process, 99.73% of the project data collected has been determined to be acceptable for use.

Data are usable as qualified J, U, or UJ. Select SVOCs, including 14 benzoic acid and 5 3,3'-dichlorobenzidine results (as documented in Table 2-6), have been qualified R based upon LCS recoveries less than criteria ($<10\%$). Data that have been estimated provide indications of either accuracy, precision, or sensitivity being less than desired but adequate for interpretation. All undetected analytes were reported at detection levels that were adequate for use during data interpretation and statistical applications. All results with final qualifiers are presented in Appendix D.

Data produced for this project demonstrate they can withstand scientific scrutiny; are appropriate for its intended purpose; are technically defensible; and are of known and acceptable sensitivity, precision, and accuracy. Data integrity has been documented through proper implementation of quality assurance (QA) and QC measures. A third-party QA data validation report was completed, which is in general concurrence with the data verification findings, and that report is provided in Appendix E. One pesticide result (aldrin) had an LOD greater than the FWQAPP requirements, as documented in Section 2.11. Data with elevated limits were still usable. The environmental information presented has an established confidence that allows utilization for the project objectives and provides data for future needs.

Table 3-1: Field Completeness Summary¹

	VOC	BTEX/ MTBE ⁽²⁾	SVOC	PAH ⁽³⁾	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives	Propellants	Herbicides	Hexavalent Chromium
Collected Field Samples	15	84	34	84	84	84	84	7	7	7	7	6	32
Planned Field Samples	7	68	7	68	68	68	11	7	7	7	7	0	21
% Complete	214	124	486	124	124	124	764	100	100	100	100	N/A	153

Table 3-2: Analytical Completeness Summary

	VOC	BTEX/ MTBE ⁽²⁾	SVOC	PAH ⁽³⁾	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives ⁴	Propellants	Herbicides	Hexavalent Chromium
Valid Analytes	540	420	2,225	1,344	84	168	1,932	49	147	105	14	66	32
Collected Analytes	540	420	2,244	1,344	84	168	1,932	49	147	105	14	66	32
% Complete	100	100	99.2	100	100	100	100	100	100	100	100	100	100

	VOC	BTEX/ MTBE ⁽²⁾	SVOC	PAH ⁽³⁾	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Explosives ⁴	Propellants	Herbicides	Hexavalent Chromium
Valid Analytes	540	420	2,225	1,344	84	168	1932	49	147	105	14	66	32
Planned Analytes	252	340	462	1,088	68	136	253	49	147	105	14	0	21
% Complete	214	124	482	124	124	124	764	100	100	100	100	N/A	153

Notes for Table 3-1, 3-2, and 3-3:

- 1) Only field samples are included in completeness tally
 - 2) BTEX/MTBE counts include samples analyzed for full VOC analytical list.
 - 3) PAH counts include samples analyzed for full SVOC analytical list.
 - 4) Nitroglycerin counted for completeness as an explosive
- VOC = Volatile Organic Compound
BTEX = Benzene, Toluene, Ethylbenzene, Xylenes
MTBE = Methyl Tertiary-Butyl Ether

SVOC = Semi-volatile Organic Compound
PAH = Polynuclear Aromatic Hydrocarbon
TPH = Total Petroleum Hydrocarbon
DRO = Diesel Range Organic
GRO = Gasoline Range Organic
TAL = Target Analyte List
PCB = Polychlorinated Biphenyls
Propellants include nitroguanidine, nitrocellulose, and nitroglycerin
N/A = Not applicable. % Complete cannot be calculated.

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4.0 REFERENCES

ECC, 2012. *Final Quality Assurance Project Plan for Site Inspections and Remedial Investigations at Compliance Restoration Sites Revision 0 Ravenna Army Ammunition Plant Ravenna, Ohio*, Revision 0. July.

Science Applications International Corporation (SAIC), 2010. *Final Facility-Wide Human Health Cleanup Goals for the Ravenna Army Ammunition Plant Ravenna, Ohio*, Revision 0. March.

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United States Department of Defense (DoD), 2009. *Final Quality Systems Manual for Environmental Laboratories*, Environmental Data Quality Workgroup, Final Version 4.1. April.

United States Army Corp of Engineers (USACE), 2007 *Louisville DoD QSM Supplement Version 1*. Final, March.

United States Environmental Protection Agency (USEPA), 2008. *Final Contract Laboratory Program National Functional Guidelines for Superfund Organic Data Review*, EPA-540/R-08-01. June.

USEPA, 2010. *Final Contract Laboratory Program National Functional Guidelines for Superfund Inorganic Data Review*, EPA-540-R-10-011. January.

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WORKSHEETS AND ATTACHMENTS
(Note – To be provided on disc only)

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WORKSHEET 1

Automated Data Review Summary for 240-17810-1

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AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corp., Otis Ang Base, MA

Data Review Contractor: ECC

SDG: 240-17810-1_(76-SB), Certified - 1/3/2013 by MarliciaJauregui

QC Level: ADR

Project Manager:

Data Reviewer: Katie Priess

Data Reviewer Title:

Date of Review Report:

Second Reviewer: Jackson Kiker

Completion Date of Second Reviewer:

Samples Included in SDG 240-17810-1_(76-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW7196A/NONE	13		1	
SW7471A/NONE	7		0	
SW8260B/NONE	7	1	0	0
SW8270C/NONE	7		0	

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corp., Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17810-1_(76-SB). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank
- Field Blank
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

Material Blank
Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 14 results (1.82%) out of the 771 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
SW7196A	
SW7471A	
SW8260B	
SW8270C	

Reviewed by Katie Priess,

Reviewed by Jackson Kiker

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1 (76-SB)

Reason and Comment Code Definitions

Comments		
Code	Code	Definition
Reasons		
Code	Code	Definition
	A	Serial dilution
	A1	Ambient Blank
	B	The analyte was found in an associated blank as well as in the sample.
	B2	CCB
	B3	CCB - Neg
	c	LCS - low
	C	LCS Recovery
	d	Field Duplicate RPD
	D	MS RPD
	D1	Lab Replicate RPD
	D2	No precision available
	F	Field Blank
	F1	Hydrocarbon pattern does not match standard
	G1	Initial Calibration RRF
	G2	Initial Calibration RSD
	h	Holding time exceeded by less than 2X.
	H	Holding time exceeded by more than 2X.
	H1	Test Hold Time
	H2	Prep Hold Time
	I	Surrogate recovery outside project limits.
	J	CRA/CRI Recovery
	K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
	L	Lab Blank
	L1	Lab Blank - Neg
	m	MS - low
	M	MS Recovery
	N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1 (76-SB)

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomolies
Z	LCS RPD
Z2	Analyte not confirmed on second column

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1 (76-SB)

Batch Report

Test Method: SW7196A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67855	67576	NA	LABQC	SQ	LABQC	LCSI 240-67576/11-A		1/1	06-Dec-2012 2:30 PM	06-Dec-2012 2:30 PM	07-Dec-2012 12:00 AM	BS
	67576	NA	LABQC	SQ	LABQC	LCSS 240-67576/10-A		1/1	06-Dec-2012 2:30 PM	06-Dec-2012 2:30 PM	07-Dec-2012 12:00 AM	BS
	67576	NA	LABQC	SQ	LABQC	MB 240-67576/9-A		1/1	06-Dec-2012 2:30 PM	06-Dec-2012 2:30 PM	07-Dec-2012 12:00 AM	LB
	67576	NA	76-A6-UST-SB1	SO	076SB-0076-0001-SO	240-17810-9		1/1	16-Nov-2012 11:45 AM	06-Dec-2012 2:30 PM	07-Dec-2012 3:08 PM	N
	67576	NA	76-A6-UST-SB1	SO	076SB-0076-0001-SO	240-17810-9		1/1	16-Nov-2012 11:45 AM	06-Dec-2012 2:30 PM	07-Dec-2012 3:10 PM	MS
	67576	NA	76-A6-UST-SB2	SO	076SB-0077-0001-SO	240-17810-10		1/1	16-Nov-2012 12:00 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:11 PM	N
	67576	NA	76-A6-UST-SB3	SO	076SB-0078-0001-SO	240-17810-11		1/1	16-Nov-2012 12:15 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:16 PM	N
	67576	NA	76-A6-UST-SB4	SO	076SB-0079-0001-SO	240-17810-12		1/1	16-Nov-2012 4:00 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:17 PM	N
	67576	NA	76-A6-UST-SB11A	SO	076SB-0087-0001-SO	240-17810-20		1/1	16-Nov-2012 5:20 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:45 PM	N
	67576	NA	76-A6-UST-SB1	SO	076SB-0089-0001-SO	240-17810-22		1/1	16-Nov-2012 11:45 AM	06-Dec-2012 2:30 PM	07-Dec-2012 3:50 PM	FD
	67576	NA	76-A6-UST-SB10	SO	076SB-0085-0001-SO	240-17810-18		1/5	16-Nov-2012 5:00 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:58 PM	N
	67576	NA	76-A6-UST-SB5	SO	076SB-0080-0001-SO	240-17810-13		1/1	16-Nov-2012 3:25 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:58 PM	N
	67576	NA	76-A6-UST-SB6	SO	076SB-0081-0001-SO	240-17810-14		1/1	16-Nov-2012 3:50 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:58 PM	N
	67576	NA	76-A6-UST-SB7	SO	076SB-0082-0001-SO	240-17810-15		1/1	16-Nov-2012 2:00 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:58 PM	N
	67576	NA	76-A6-UST-SB8	SO	076SB-0083-0001-SO	240-17810-16		1/1	16-Nov-2012 4:20 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:58 PM	N
	67576	NA	76-A6-UST-SB9	SO	076SB-0084-0001-SO	240-17810-17		1/5	16-Nov-2012 4:50 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:58 PM	N
	67576	NA	76-A6-UST-SB11	SO	076SB-0086-0001-SO	240-17810-19		1/1	16-Nov-2012 12:45 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:59 PM	N
	67576	NA	76-A6-UST-SB12	SO	076SB-0088-0001-SO	240-17810-21		1/25	16-Nov-2012 4:40 PM	06-Dec-2012 2:30 PM	07-Dec-2012 3:59 PM	N
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1 (76-SB)

67078	66624	NA	LABQC	SQ	LABQC	MB 240-66624/1-A	1/1	28-Nov-2012 2:55 PM	28-Nov-2012 2:55 PM	30-Nov-2012 4:57 PM	LB	
	66624	NA	LABQC	SQ	LABQC	LCS 240-66624/2-A	1/1	28-Nov-2012 2:55 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:01 PM	BS	
	66624	NA	76-A3-DU1-SB	SO	076SB-0068M-0001-SO	240-17810-1	1/1	16-Nov-2012 9:40 AM	28-Nov-2012 2:55 PM	30-Nov-2012 5:10 PM	N	
	66624	NA	76-A3-DU1-SB	SO	076SB-0069M-0001-SO	240-17810-2	1/1	16-Nov-2012 9:41 AM	28-Nov-2012 2:55 PM	30-Nov-2012 5:12 PM	N	
	66624	NA	76-A3-DU1-SB1	SO	076SB-0070M-0001-SO	240-17810-3	1/1	16-Nov-2012 9:25 AM	28-Nov-2012 2:55 PM	30-Nov-2012 5:13 PM	N	
	66624	NA	76-A3-DU1-SB2	SO	076SB-0071M-0001-SO	240-17810-4	1/1	16-Nov-2012 9:15 AM	28-Nov-2012 2:55 PM	30-Nov-2012 5:14 PM	N	
	66624	NA	76-A3-DU1-SB3	SO	076SB-0072M-0001-SO	240-17810-5	1/1	16-Nov-2012 9:05 AM	28-Nov-2012 2:55 PM	30-Nov-2012 5:18 PM	N	
	66624	NA	76-A3-DU1-SB4	SO	076SB-0073M-0001-SO	240-17810-6	1/1	16-Nov-2012 9:00 AM	28-Nov-2012 2:55 PM	30-Nov-2012 5:20 PM	N	
	66624	NA	76-A3-DU1-SB5	SO	076SB-0074M-0001-SO	240-17810-7	1/1	16-Nov-2012 9:35 AM	28-Nov-2012 2:55 PM	30-Nov-2012 5:21 PM	N	
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66419	66118	NA	76-A3-DU1-SB	SO	076SB-0068M-0001-SO	240-17810-1		1/1	16-Nov-2012 9:40 AM	17-Nov-2012 12:30 PM	27-Nov-2012 2:51 PM	N
	66118	NA	76-A3-DU1-SB	SO	076SB-0069M-0001-SO	240-17810-2		1/1	16-Nov-2012 9:41 AM	17-Nov-2012 12:30 PM	27-Nov-2012 3:12 PM	N
	66118	NA	76-A3-DU1-SB1	SO	076SB-0070M-0001-SO	240-17810-3		1/1	16-Nov-2012 9:25 AM	17-Nov-2012 12:30 PM	27-Nov-2012 3:34 PM	N
	66118	NA	76-A3-DU1-SB2	SO	076SB-0071M-0001-SO	240-17810-4		1/1	16-Nov-2012 9:15 AM	17-Nov-2012 12:30 PM	27-Nov-2012 3:55 PM	N
	66118	NA	76-A3-DU1-SB4	SO	076SB-0073M-0001-SO	240-17810-6		1/1	16-Nov-2012 9:00 AM	17-Nov-2012 12:30 PM	27-Nov-2012 4:38 PM	N
	66118	NA	76-A3-DU1-SB5	SO	076SB-0074M-0001-SO	240-17810-7		1/1	16-Nov-2012 9:35 AM	17-Nov-2012 12:30 PM	27-Nov-2012 5:00 PM	N
	66118	NA	76-A3-DU1-SB3	SO	076SB-0072M-0001-SO	240-17810-5		1/1	16-Nov-2012 9:05 AM	17-Nov-2012 12:30 PM	27-Nov-2012 6:05 PM	N
65929	65929	NA	LABQC	WQ	LABQC	LCS 240-65929/4		1/1	21-Nov-2012 11:14 AM	21-Nov-2012 11:14 AM	21-Nov-2012 11:14 AM	BS
	65929	NA	LABQC	WQ	LABQC	MB 240-65929/6		1/1	21-Nov-2012 11:58 AM	21-Nov-2012 11:58 AM	21-Nov-2012 11:58 AM	LB
	65929	NA	76-A3-DU1-SB5	WG	076SB-0075M-0001-TB	240-17810-8		1/1	16-Nov-2012 8:00 AM	21-Nov-2012 3:18 PM	21-Nov-2012 3:18 PM	N
66419	NA	NA	LABQC	SQ	LABQC	LCS 240-66419/7		1/1	27-Nov-2012 1:03 PM	27-Nov-2012 1:03 PM	27-Nov-2012 1:03 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-66419/12		1/1	27-Nov-2012 2:29 PM	27-Nov-2012 2:29 PM	27-Nov-2012 2:29 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1 (76-SB)

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67544	66569	NA	LABQC	SQ	LABQC	MB 240-66569/21-A		1/1	28-Nov-2012 9:47 AM	28-Nov-2012 9:47 AM	06-Dec-2012 10:08 AM	LB
	66569	NA	LABQC	SQ	LABQC	LCS 240-66569/22-A		1/1	28-Nov-2012 9:47 AM	28-Nov-2012 9:47 AM	06-Dec-2012 10:31 AM	BS
	66569	NA	76-A3-DU1-SB5	SO	076SB-0074M-0001-SO	240-17810-7		1/10	16-Nov-2012 9:35 AM	28-Nov-2012 9:47 AM	06-Dec-2012 10:55 AM	N
	66569	NA	76-A3-DU1-SB5	SO	076SB-0074M-0002-SO	240-17810-7		1/10	16-Nov-2012 9:35 AM	28-Nov-2012 9:47 AM	06-Dec-2012 11:18 AM	MS
	66569	NA	76-A3-DU1-SB5	SO	076SB-0074M-0002-SO	240-17810-7		1/10	16-Nov-2012 9:35 AM	28-Nov-2012 9:47 AM	06-Dec-2012 11:41 AM	SD
	66569	NA	76-A3-DU1-SB	SO	076SB-0068M-0001-SO	240-17810-1		1/10	16-Nov-2012 9:40 AM	28-Nov-2012 9:47 AM	06-Dec-2012 2:00 PM	N
	66569	NA	76-A3-DU1-SB1	SO	076SB-0070M-0001-SO	240-17810-3		1/10	16-Nov-2012 9:25 AM	28-Nov-2012 9:47 AM	06-Dec-2012 2:23 PM	N
	66569	NA	76-A3-DU1-SB	SO	076SB-0069M-0001-SO	240-17810-2		1/2.5	16-Nov-2012 9:41 AM	28-Nov-2012 9:47 AM	06-Dec-2012 4:43 PM	N
	66569	NA	76-A3-DU1-SB2	SO	076SB-0071M-0001-SO	240-17810-4		1/2.5	16-Nov-2012 9:15 AM	28-Nov-2012 9:47 AM	06-Dec-2012 5:06 PM	N
	66569	NA	76-A3-DU1-SB3	SO	076SB-0072M-0001-SO	240-17810-5		1/2.5	16-Nov-2012 9:05 AM	28-Nov-2012 9:47 AM	06-Dec-2012 5:30 PM	N
	66569	NA	76-A3-DU1-SB4	SO	076SB-0073M-0001-SO	240-17810-6		1/2.5	16-Nov-2012 9:00 AM	28-Nov-2012 9:47 AM	06-Dec-2012 5:53 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

Field Batch Report

--No Records Found--

QC Outliers Report

--No Records Found--

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7196A/NONE	SO	076SB-0076-0001-SO	240-17810-9	N	Chromium, Hexavalent	0.80	0.33	0.33 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0077-0001-SO	240-17810-10	N	Chromium, Hexavalent	0.80	0.61	0.61 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0084-0001-SO	240-17810-17	N	Chromium, Hexavalent	4.0	1.8	1.8 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0085-0001-SO	240-17810-18	N	Chromium, Hexavalent	4.0	1.4	1.4 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0087-0001-SO	240-17810-20	N	Chromium, Hexavalent	0.80	0.50	0.50 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0088-0001-SO	240-17810-21	N	Chromium, Hexavalent	20.0	7.1	7.1 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0089-0001-SO	240-17810-22	FD	Chromium, Hexavalent	0.80	0.45	0.45 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Mercury	0.095	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Mercury	0.094	0.025	0.025 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Mercury	0.098	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Mercury	0.11	0.023	0.023 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Mercury	0.091	0.032	0.032 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	Mercury	0.11	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Mercury	0.10	0.024	0.024 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Methyl Ethyl Ketone (2-Butanone)	20.0	5.9	5.9 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Acetone	19.0	19.0	19.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Carbon Disulfide	4.9	2.9	2.9 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Carbon Disulfide	5.2	3.1	3.1 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Methyl Ethyl Ketone (2-Butanone)	21.0	7.3	7.3 J		UG/KG	TR

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SW8260B/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Toluene	5.2	0.33	5.2 U	UG/KG	L	
SW8260B/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Carbon Disulfide	2.9	1.7	1.7 J	UG/KG	TR	
SW8260B/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Methyl Ethyl Ketone (2-Butanone)	12.0	5.3	5.3 J	UG/KG	TR	
SW8260B/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Acetone	19.0	19.0	19.0 UJ	UG/KG	J	
SW8260B/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	Carbon Disulfide	6.3	3.9	3.9 J	UG/KG	TR	
SW8260B/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	Methyl Ethyl Ketone (2-Butanone)	25.0	12.0	12.0 J	UG/KG	TR	
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Benzene	6.0	0.31	0.31 J	UG/KG	TR	
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Carbon Disulfide	6.0	3.7	3.7 J	UG/KG	TR	
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Methyl Ethyl Ketone (2-Butanone)	24.0	19.0	19.0 J	UG/KG	TR	
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Toluene	6.0	0.33	0.33 J	UG/KG	TR	
SW8260B/NONE	WG	076SB-0075M-0001-TB	240-17810-8	N	Acetone	10.0	10.0	10.0 UJ	UG/L	J	
SW8260B/NONE	WG	076SB-0075M-0001-TB	240-17810-8	N	Methylene Chloride	1.0	0.36	0.36 J	UG/L	TR/J	
SW8260B/NONE	WG	076SB-0075M-0001-TB	240-17810-8	N	Styrene	1.0	1.0	1.0 UJ	UG/L	J	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Pyrene	68.0	57.0	57.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	2-Methylnaphthalene	17.0	11.0	11.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	3,3'-Dichlorobenzidine	250	250	250 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Fluoranthene	17.0	13.0	13.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Naphthalene	17.0	9.7	9.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Pyrene	17.0	9.9	9.9 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Fluoranthene	67.0	38.0	38.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Pyrene	67.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	3,3'-Dichlorobenzidine	250	250	250 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	bis(2-Ethylhexyl) Phthalate	130	49.0	49.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Phenanthrene	17.0	8.5	8.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	3,3'-Dichlorobenzidine	250	250	250 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Benzo(b)fluoranthene	17.0	12.0	12.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Pyrene	17.0	15.0	15.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	3,3'-Dichlorobenzidine	250	250	250 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ		UG/KG	V1

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SW8270C/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	4-Chloroaniline	1500	1500	1500 UJ	UG/KG	D

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1 (76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7196A/NONE	SO	076SB-0076-0001-SO	240-17810-9	N	Chromium, Hexavalent	0.80	0.33	0.33 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0077-0001-SO	240-17810-10	N	Chromium, Hexavalent	0.80	0.61	0.61 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0084-0001-SO	240-17810-17	N	Chromium, Hexavalent	4.0	1.8	1.8 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0085-0001-SO	240-17810-18	N	Chromium, Hexavalent	4.0	1.4	1.4 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0087-0001-SO	240-17810-20	N	Chromium, Hexavalent	0.80	0.50	0.50 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0088-0001-SO	240-17810-21	N	Chromium, Hexavalent	20.0	7.1	7.1 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0089-0001-SO	240-17810-22	FD	Chromium, Hexavalent	0.80	0.45	0.45 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Mercury	0.095	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Mercury	0.094	0.025	0.025 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Mercury	0.098	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Mercury	0.11	0.023	0.023 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Mercury	0.091	0.032	0.032 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	Mercury	0.11	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Mercury	0.10	0.024	0.024 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Acetone	20.0	36.0	36.0	UG/KG	
SW8260B/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Methyl Ethyl Ketone (2-Butanone)	20.0	5.9	5.9 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Carbon Disulfide	4.9	2.9	2.9 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Acetone	21.0	34.0	34.0	UG/KG	
SW8260B/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Carbon Disulfide	5.2	3.1	3.1 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Methyl Ethyl Ketone (2-Butanone)	21.0	7.3	7.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Acetone	12.0	39.0	39.0	UG/KG	
SW8260B/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Carbon Disulfide	2.9	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Methyl Ethyl Ketone (2-Butanone)	12.0	5.3	5.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	Acetone	25.0	75.0	75.0	UG/KG	
SW8260B/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	Carbon Disulfide	6.3	3.9	3.9 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0073M-0001-SO	240-17810-6	N	Methyl Ethyl Ketone (2-Butanone)	25.0	12.0	12.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Acetone	24.0	100	100	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Benzene	6.0	0.31	0.31 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Toluene	6.0	0.33	0.33 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Carbon Disulfide	6.0	3.7	3.7 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0074M-0001-SO	240-17810-7	N	Methyl Ethyl Ketone (2-Butanone)	24.0	19.0	19.0 J	UG/KG	TR
SW8260B/NONE	WG	076SB-0075M-0001-TB	240-17810-8	N	Methylene Chloride	1.0	0.36	0.36 J	UG/L	TR/J

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Benzo(a)pyrene	68.0	99.0	99.0	UG/KG	
SW8270C/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Fluoranthene	68.0	80.0	80.0	UG/KG	
SW8270C/NONE	SO	076SB-0068M-0001-SO	240-17810-1	N	Pyrene	68.0	57.0	57.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Fluoranthene	17.0	13.0	13.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	2-Methylnaphthalene	17.0	11.0	11.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Naphthalene	17.0	9.7	9.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Phenanthrene	17.0	27.0	27.0	UG/KG	
SW8270C/NONE	SO	076SB-0069M-0001-SO	240-17810-2	N	Pyrene	17.0	9.9	9.9 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Fluoranthene	67.0	38.0	38.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0070M-0001-SO	240-17810-3	N	Pyrene	67.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	bis(2-Ethylhexyl) Phthalate	130	49.0	49.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0071M-0001-SO	240-17810-4	N	Phenanthrene	17.0	8.5	8.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Benzo(a)pyrene	17.0	28.0	28.0	UG/KG	
SW8270C/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Benzo(b)fluoranthene	17.0	12.0	12.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Fluoranthene	17.0	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0072M-0001-SO	240-17810-5	N	Pyrene	17.0	15.0	15.0 J	UG/KG	TR

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

Anomalies Count

SDG Name: 240-17810-1_(76-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
SW7196A/FLDFLT/NONE	3	3
SW7471A/TOTAL/NONE	2	2
SW8260B/SW5030B/NONE	1	1
SW8270C/SW3550/NONE	7	246

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

Worksheet

SDG Name: 240-17810-1_(76-SB)

Method: SW7196A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y		Dilutions required	
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			
Was a field blank collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?	Y			
Was the ICS recovery within QAPP acceptance limits?			NA	
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?			NA	
Is the MS/MSD parent sample the one designated by the sampling team?			NA	
Were the MS/MSD within QAPP acceptance limits?			NA	
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

Method: SW7471A				
Review Questions	Yes	No	NA	Comment

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1 (76-SB)

Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y	
Were samples preserved properly and received in good condition?	Y	
Were holding times met?	Y	
Were sample receipt temperatures met?	Y	
Were QAPP specified RLs achieved?	Y	
Were all QAPP specified target analytes reported?	Y	
Was the initial calibration curve within QAPP acceptance limits?	Y	
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y	
Were ICV/CCV results within QAPP acceptance limits?	Y	
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the ICB/CCB/method blank?	Y	
Was a field blank collected and analyzed?	Y	
Were target analytes reported in the field blank analyses above the MDL?	Y	
Was the ICS recovery within QAPP acceptance limits?	Y	
If a field duplicate was analyzed, were the RPDs within criteria?	Y	
Was a LCS prepared and analyzed with each batch?	Y	
Were the LCS recoveries within QAPP acceptance limits?	Y	
Was a MS/MSD pair prepared with each batch?		NA
Is the MS/MSD parent sample the one designated by the sampling team?		NA
Were the MS/MSD within QAPP acceptance limits?		NA
Were sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

Were QAPP specified PQLs achieved?	Y	
Were all QAPP-specified target analytes reported?	Y	
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y	
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y	
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y	
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y	
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y	
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y	
If a linear regression curve was used, was the correlation coefficient within criteria?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Did the CCCs have a %Difference within QAPP acceptance limits?	Y	
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y	
Were target analytes reported in the field blank analyses above the MDL?		N
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?		
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?	Y	
Was the duplicate RPD within QAPP acceptance limits?		NA
Are all samples associated with QC non-compliances flagged appropriately?	Y	

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

Was a MS/MSD pair prepared with each batch?	NA
Is the MS/MSD parent sample the one designated by the sampling team?	NA
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	NA
Were surrogate recoveries within QAPP acceptance limits?	Y
Were reported sample concentrations within calibration range?	Y
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with DPFTP?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?		N		

AUTOMATED DATA REVIEW SUMMARY for 240-17810-1_(76-SB)

		3,3dichlorobenzidiene qualified	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y		
Were the retention times for all IS compounds within QAPP acceptance limits?	Y		
Are the area counts of all IS compounds within QAPP acceptance limits?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?	Y		
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y		
Were target analytes reported in the field blank analyses above the MDL?	Y		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y		
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y		
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits?		NA	
Was the duplicate RPD within QAPP acceptance limits?			
Was a MS/MSD pair prepared with each batch?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N	4-Chloroaniline>RPD
Were surrogate recoveries within QAPP acceptance limits?	Y		
Were reported sample concentrations within calibration range?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		

Field Duplicates for SDG: 240-17810-1_(76-SB)

Location

76-A6-UST-SB1

Analysis

SW7196A

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
076SB-0076-0001-SO / 076SB-0089-0001-SO	240-17810-9 / 240-17810-22	Chromium, Hexavalent	0.330	0.450	0.800	30.8	NA	OK

FD = Field Duplicate
RL = Reporting Limit
RPD = Relative Percent Difference

RL Check = If either the primary sample or field duplicate result is less than 5 times the RL then the criteria used to determine if the field duplicate is outside QC limits is +/- RL for Water and +/- 2 times RL for Soil

The RPD criteria used for organic analysis is: 50
The RPD criteria used for non-organic analysis is: 35

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WORKSHEET 2

Automated Data Review Summary for 240-18297-1

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AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor: ECC

SDG: 240-18297-1_(72-77-SB), Certified - 1/9/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer: Veronica Champagne

Data Reviewer Title: Senior QA Chemist

Date of Review Report: January 07, 2013

Samples Included in SDG 240-18297-1_(72-77-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	10		0	
M8015D/NONE	11		2	
M8015V/NONE	11		2	
SW6020/NONE	11		2	
SW7471A/NONE	11		2	
SW8081/NONE	2		0	
SW8082/NONE	2		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8260B/NONE	11	2	2	0
SW8270C/NONE	11		2	
SW8330B/NONE	10		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18297-1_(72-77-SB). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

- Field Blank
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD
- Material Blank
- Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 130 results (12.03%) out of the 1081 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

M8015V	
SW6020	
SW7471A	
SW8081	
SW8082	
SW8260B	
SW8270C	
SW8330B	

07-Jan-2013

Reviewed by Veronica Champagne, Senior QA Chemist

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
M	MS Recovery
N	Blank - No Action
O	ICS
P	Sample preservation/collection requirement not met.

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reason and Comment Code Definitions

P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

Flag Code and Definitions

Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7694	7431	NA	LABQC	SQ	LABQC	MB 320-7372/1-B		1/1	17-Dec-2012 7:02 AM	17-Dec-2012 7:02 AM	18-Dec-2012 12:40 PM	LB
	7431	NA	LABQC	SQ	LABQC	LCS 320-7372/2-B		1/1	17-Dec-2012 7:02 AM	17-Dec-2012 7:02 AM	18-Dec-2012 12:42 PM	BS
	7431	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		1/1	03-Dec-2012 12:00 PM	17-Dec-2012 7:02 AM	18-Dec-2012 12:44 PM	N
	7431	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		1/1	03-Dec-2012 12:00 PM	17-Dec-2012 7:02 AM	18-Dec-2012 12:46 PM	MS
	7431	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		1/1	03-Dec-2012 12:00 PM	17-Dec-2012 7:02 AM	18-Dec-2012 12:48 PM	SD
	7431	NA	77-1037-DU1-SB	SO	077SB-0005M-0001-SO	240-18297-2		1/1	03-Dec-2012 12:01 PM	17-Dec-2012 7:02 AM	18-Dec-2012 12:58 PM	N
	7431	NA	77-1037-DU1-SB1	SO	077SB-0006M-0001-SO	240-18297-3		1/1	03-Dec-2012 12:00 PM	17-Dec-2012 7:02 AM	18-Dec-2012 1:00 PM	N
	7431	NA	77-1037-DU1-SB2	SO	077SB-0007M-0001-SO	240-18297-4		1/1	03-Dec-2012 11:03 AM	17-Dec-2012 7:02 AM	18-Dec-2012 1:02 PM	N
	7431	NA	77-1037-DU1-SB2	SO	077SB-0008M-0001-SO	240-18297-5		1/1	03-Dec-2012 11:37 AM	17-Dec-2012 7:02 AM	18-Dec-2012 1:04 PM	N
	7431	NA	77-1037-DU1-SB3	SO	077SB-0009M-0001-SO	240-18297-6		1/1	03-Dec-2012 11:26 AM	17-Dec-2012 7:02 AM	18-Dec-2012 1:06 PM	N
	7431	NA	77-1037-DU1-SB4	SO	077SB-0010M-0001-SO	240-18297-7		1/1	03-Dec-2012 11:50 AM	17-Dec-2012 7:02 AM	18-Dec-2012 1:08 PM	N
	7431	NA	77-1037-DU1-SB5	SO	077SB-0011M-0001-SO	240-18297-8		1/1	03-Dec-2012 11:03 AM	17-Dec-2012 7:02 AM	18-Dec-2012 1:10 PM	N
	7431	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	17-Dec-2012 7:02 AM	18-Dec-2012 1:12 PM	N
	7431	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	17-Dec-2012 7:02 AM	18-Dec-2012 1:14 PM	N
Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68302	68158	NA	LABQC	SQ	LABQC	MB 240-68158/23-A		1/1	11-Dec-2012 10:32 AM	11-Dec-2012 10:32 AM	12-Dec-2012 4:09 PM	LB
	68158	NA	LABQC	SQ	LABQC	LCS 240-68158/24-A		1/1	11-Dec-2012 10:32 AM	11-Dec-2012 10:32 AM	12-Dec-2012 4:39 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68302	68158	NA	72-1048-RV5-SB1	SO	072SB-0001-0001-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:32 AM	12-Dec-2012 10:44 PM	N
	68158	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:32 AM	12-Dec-2012 11:15 PM	MS
	68158	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:32 AM	12-Dec-2012 11:45 PM	SD
	68158	NA	72-1048-RV5-SB1	SO	072SB-0002-0001-SO	240-18297-10		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:32 AM	13-Dec-2012 12:16 AM	FD
	68158	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	11-Dec-2012 10:32 AM	13-Dec-2012 12:46 AM	N
	68158	NA	72-1048-RV5-SB3	SO	072SB-0004-0001-SO	240-18297-12		1/1	03-Dec-2012 3:20 PM	11-Dec-2012 10:32 AM	13-Dec-2012 1:16 AM	N
	68158	NA	72-1048-RV5-SB1	SO	072SB-0005-0001-SO	240-18297-13		1/1	03-Dec-2012 3:01 PM	11-Dec-2012 10:32 AM	13-Dec-2012 1:46 AM	N
	68158	NA	72-1026-R86-SB1	SO	072SB-0012-0001-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 10:32 AM	13-Dec-2012 2:47 AM	N
	68158	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 10:32 AM	13-Dec-2012 3:18 AM	MS
	68158	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 10:32 AM	13-Dec-2012 3:48 AM	SD
	68158	NA	72-1026-R86-SB1	SO	072SB-0013-0001-SO	240-18297-16		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 10:32 AM	13-Dec-2012 4:19 AM	FD
	68158	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	11-Dec-2012 10:32 AM	13-Dec-2012 4:49 AM	N
68515	68373	NA	LABQC	SQ	LABQC	MB 240-68373/12-A		1/1	12-Dec-2012 11:59 AM	12-Dec-2012 11:59 AM	13-Dec-2012 4:13 PM	LB
	68373	NA	LABQC	SQ	LABQC	LCS 240-68373/11-A		1/1	12-Dec-2012 11:59 AM	12-Dec-2012 11:59 AM	13-Dec-2012 4:44 PM	BS
	68373	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	12-Dec-2012 11:59 AM	13-Dec-2012 5:15 PM	N
	68373	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	12-Dec-2012 11:59 AM	13-Dec-2012 5:46 PM	MS
	68373	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	12-Dec-2012 11:59 AM	13-Dec-2012 6:16 PM	SD
	68373	NA	72-1026-R86-SB4	SO	072SB-0016-0001-SO	240-18297-19		1/1	03-Dec-2012 5:05 PM	12-Dec-2012 11:59 AM	13-Dec-2012 6:47 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68515	68373	NA	72-1026-R86-SB5	SO	072SB-0017-0001-SO	240-18297-20		1/1	03-Dec-2012 5:20 PM	12-Dec-2012 11:59 AM	13-Dec-2012 7:17 PM	N
	68373	NA	72-1026-R86-SB6	SO	072SB-0018-0001-SO	240-18297-21		1/1	03-Dec-2012 5:25 PM	12-Dec-2012 11:59 AM	13-Dec-2012 8:18 PM	N
	68373	NA	72-1026-R86-SB1	SO	072SB-0019-0001-SO	240-18297-22		1/1	03-Dec-2012 4:23 PM	12-Dec-2012 11:59 AM	13-Dec-2012 8:48 PM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68246	NA	NA	LABQC	SQ	LABQC	MB 240-68246/7		1/1	12-Dec-2012 12:50 PM		12-Dec-2012 12:50 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-68246/9		1/1	12-Dec-2012 2:06 PM		12-Dec-2012 2:06 PM	BS
	68383	NA	72-1048-RV5-SB1	SO	072SB-0001-0001-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 8:49 PM	12-Dec-2012 2:43 PM	N
	68383	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 8:49 PM	12-Dec-2012 3:21 PM	MS
	68383	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 8:49 PM	12-Dec-2012 3:58 PM	SD
	68383	NA	72-1048-RV5-SB1	SO	072SB-0002-0001-SO	240-18297-10		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 8:49 PM	12-Dec-2012 4:36 PM	FD
	68383	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	04-Dec-2012 8:49 PM	12-Dec-2012 5:14 PM	N
	68383	NA	72-1048-RV5-SB3	SO	072SB-0004-0001-SO	240-18297-12		1/1	03-Dec-2012 3:20 PM	04-Dec-2012 8:49 PM	12-Dec-2012 5:53 PM	N
	68383	NA	72-1048-RV5-SB1	SO	072SB-0005-0001-SO	240-18297-13		1/1	03-Dec-2012 3:01 PM	04-Dec-2012 8:49 PM	12-Dec-2012 7:09 PM	N
	68383	NA	72-1026-R86-SB1	SO	072SB-0012-0001-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	12-Dec-2012 7:47 PM	N
	68383	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	12-Dec-2012 8:26 PM	MS
	68383	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	12-Dec-2012 9:04 PM	SD
	68383	NA	72-1026-R86-SB1	SO	072SB-0013-0001-SO	240-18297-16		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	12-Dec-2012 9:42 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68246	68383	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	04-Dec-2012 8:49 PM	12-Dec-2012 10:19 PM	N
	68383	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	04-Dec-2012 8:49 PM	12-Dec-2012 10:57 PM	N
	68383	NA	72-1026-R86-SB4	SO	072SB-0016-0001-SO	240-18297-19		1/1	03-Dec-2012 5:05 PM	04-Dec-2012 8:49 PM	12-Dec-2012 11:35 PM	N
	68383	NA	72-1026-R86-SB5	SO	072SB-0017-0001-SO	240-18297-20		1/1	03-Dec-2012 5:20 PM	04-Dec-2012 8:49 PM	13-Dec-2012 12:13 AM	N
	68383	NA	72-1026-R86-SB6	SO	072SB-0018-0001-SO	240-18297-21		1/1	03-Dec-2012 5:25 PM	04-Dec-2012 8:49 PM	13-Dec-2012 12:50 AM	N
	68383	NA	72-1026-R86-SB1	SO	072SB-0019-0001-SO	240-18297-22		1/1	03-Dec-2012 4:23 PM	04-Dec-2012 8:49 PM	13-Dec-2012 2:06 AM	N

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59320	59173	NA	LABQC	SQ	LABQC	MB 180-59173/1-A		1/1	07-Dec-2012 1:14 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:20 PM	LB
	59173	NA	LABQC	SQ	LABQC	LCS 180-59173/2-A		1/1	07-Dec-2012 1:14 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:25 PM	BS
	59173	NA	72-1048-RV5-SB1	SO	072SB-0001-0001-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:32 PM	N
	59173	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:40 PM	SD
	59173	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:45 PM	MS
	59173	NA	72-1026-R86-SB1	SO	072SB-0012-0001-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:56 PM	N
	59173	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:20 PM	SD
	59173	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:24 PM	MS
	59173	NA	72-1048-RV5-SB1	SO	072SB-0002-0001-SO	240-18297-10		1/1	03-Dec-2012 2:30 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:36 PM	FD
	59173	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:40 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59320	59173	NA	72-1048-RV5-SB3	SO	072SB-0004-0001-SO	240-18297-12		1/1	03-Dec-2012 3:20 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:44 PM	N
	59173	NA	72-1048-RV5-SB1	SO	072SB-0005-0001-SO	240-18297-13		1/1	03-Dec-2012 3:01 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:49 PM	N
	59173	NA	72-1026-R86-SB1	SO	072SB-0013-0001-SO	240-18297-16		1/1	03-Dec-2012 4:40 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:53 PM	FD
	59173	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	07-Dec-2012 1:14 PM	23-Dec-2012 8:57 PM	N
	59173	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	07-Dec-2012 1:14 PM	23-Dec-2012 9:17 PM	N
	59173	NA	72-1026-R86-SB4	SO	072SB-0016-0001-SO	240-18297-19		1/1	03-Dec-2012 5:05 PM	07-Dec-2012 1:14 PM	23-Dec-2012 9:21 PM	N
	59173	NA	72-1026-R86-SB5	SO	072SB-0017-0001-SO	240-18297-20		1/1	03-Dec-2012 5:20 PM	07-Dec-2012 1:14 PM	23-Dec-2012 9:26 PM	N
	59173	NA	72-1026-R86-SB6	SO	072SB-0018-0001-SO	240-18297-21		1/1	03-Dec-2012 5:25 PM	07-Dec-2012 1:14 PM	23-Dec-2012 9:30 PM	N
	59173	NA	72-1026-R86-SB1	SO	072SB-0019-0001-SO	240-18297-22		1/1	03-Dec-2012 4:23 PM	07-Dec-2012 1:14 PM	23-Dec-2012 9:34 PM	N
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68192	NA	LABQC	SQ	LABQC	MB 240-68192/1-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:43 PM	LB
	68192	NA	LABQC	SQ	LABQC	LCS 240-68192/2-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:45 PM	BS
	68192	NA	72-1048-RV5-SB1	SO	072SB-0001-0001-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:47 PM	N
	68192	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:49 PM	SD
	68192	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:51 PM	MS
	68192	NA	72-1026-R86-SB1	SO	072SB-0012-0001-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:52 PM	N
	68192	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:55 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68192	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:57 PM	MS
	68192	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:04 PM	N
	68192	NA	72-1026-R86-SB1	SO	072SB-0013-0001-SO	240-18297-16		1/1	03-Dec-2012 4:40 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:08 PM	FD
	68192	NA	72-1048-RV5-SB3	SO	072SB-0004-0001-SO	240-18297-12		1/1	03-Dec-2012 3:20 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:20 PM	N
	68192	NA	72-1026-R86-SB4	SO	072SB-0016-0001-SO	240-18297-19		1/1	03-Dec-2012 5:05 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:23 PM	N
	68192	NA	72-1048-RV5-SB1	SO	072SB-0002-0001-SO	240-18297-10		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:28 PM	FD
	68192	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:31 PM	N
	68192	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:33 PM	N
	68192	NA	72-1026-R86-SB5	SO	072SB-0017-0001-SO	240-18297-20		1/1	03-Dec-2012 5:20 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:34 PM	N
	68192	NA	72-1026-R86-SB6	SO	072SB-0018-0001-SO	240-18297-21		1/1	03-Dec-2012 5:25 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:37 PM	N
	68192	NA	72-1048-RV5-SB1	SO	072SB-0005-0001-SO	240-18297-13		1/1	03-Dec-2012 3:01 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:39 PM	N
	68192	NA	72-1026-R86-SB1	SO	072SB-0019-0001-SO	240-18297-22		1/1	03-Dec-2012 4:23 PM	11-Dec-2012 3:45 PM	13-Dec-2012 2:41 PM	N
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68628	68407	NA	LABQC	SQ	LABQC	LCS 240-68407/9-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 4:26 AM	BS
	68407	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	12-Dec-2012 2:20 PM	14-Dec-2012 4:54 AM	N
	68407	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	12-Dec-2012 2:20 PM	14-Dec-2012 5:22 AM	N
	68407	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	12-Dec-2012 2:20 PM	14-Dec-2012 5:49 AM	MS

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68628	68407	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	12-Dec-2012 2:20 PM	14-Dec-2012 6:16 AM	SD
	68407	NA	LABQC	SQ	LABQC	MB 240-68407/10-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 8:33 AM	LB
Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68676	68401	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	12-Dec-2012 1:49 PM	14-Dec-2012 6:02 AM	N
	68401	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	12-Dec-2012 1:49 PM	14-Dec-2012 6:18 AM	MS
	68401	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	12-Dec-2012 1:49 PM	14-Dec-2012 6:33 AM	SD
	68401	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	12-Dec-2012 1:49 PM	14-Dec-2012 6:49 AM	N
	68401	NA	LABQC	SQ	LABQC	MB 240-68401/24-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 8:08 AM	LB
	68401	NA	LABQC	SQ	LABQC	LCS 240-68401/23-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 11:16 AM	BS
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67515	NA	NA	LABQC	SQ	LABQC	LCS 240-67515/5		1/1	06-Dec-2012 3:03 AM		06-Dec-2012 3:03 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-67515/7		1/1	06-Dec-2012 3:46 AM		06-Dec-2012 3:46 AM	LB
68264	NA	NA	LABQC	SQ	LABQC	LCS 240-68264/5		1/1	12-Dec-2012 12:01 AM		12-Dec-2012 12:01 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68264/7		1/1	12-Dec-2012 12:43 AM		12-Dec-2012 12:43 AM	LB
67515	67346	NA	72-1026-R86-SB1	SO	072SB-0012-0001-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	06-Dec-2012 4:25 AM	N
	67346	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	06-Dec-2012 4:47 AM	MS

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67515	67346	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	06-Dec-2012 5:08 AM	SD
	67346	NA	72-1026-R86-SB1	SO	072SB-0013-0001-SO	240-18297-16		1/1	03-Dec-2012 4:40 PM	04-Dec-2012 8:49 PM	06-Dec-2012 5:29 AM	FD
	67346	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	04-Dec-2012 8:49 PM	06-Dec-2012 5:51 AM	N
	67346	NA	72-1026-R86-SB4	SO	072SB-0016-0001-SO	240-18297-19		1/1	03-Dec-2012 5:05 PM	04-Dec-2012 8:49 PM	06-Dec-2012 6:12 AM	N
	67346	NA	72-1026-R86-SB5	SO	072SB-0017-0001-SO	240-18297-20		1/1	03-Dec-2012 5:20 PM	04-Dec-2012 8:49 PM	06-Dec-2012 6:33 AM	N
	67346	NA	72-1026-R86-SB6	SO	072SB-0018-0001-SO	240-18297-21		1/1	03-Dec-2012 5:25 PM	04-Dec-2012 8:49 PM	06-Dec-2012 6:54 AM	N
	67346	NA	72-1026-R86-SB1	SO	072SB-0019-0001-SO	240-18297-22		1/1	03-Dec-2012 4:23 PM	04-Dec-2012 8:49 PM	06-Dec-2012 9:45 AM	N
68264	67346	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	04-Dec-2012 8:49 PM	12-Dec-2012 2:35 AM	N
67515	67349	NA	LABQC	SQ	LABQC	MB 240-67349/1-A		1/1	04-Dec-2012 10:43 PM	04-Dec-2012 10:43 PM	06-Dec-2012 10:06 AM	LB
	67349	NA	LABQC	SQ	LABQC	LCS 240-67349/2-A		1/1	04-Dec-2012 10:43 PM	04-Dec-2012 10:43 PM	06-Dec-2012 10:27 AM	BS
	67349	NA	72-1048-RV5-SB1	SO	072SB-0001-0001-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 10:43 PM	06-Dec-2012 10:48 AM	N
	67349	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 10:43 PM	06-Dec-2012 11:09 AM	MS
	67349	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 10:43 PM	06-Dec-2012 11:31 AM	SD
	67349	NA	72-1048-RV5-SB1	SO	072SB-0002-0001-SO	240-18297-10		1/1	03-Dec-2012 2:30 PM	04-Dec-2012 10:43 PM	06-Dec-2012 11:52 AM	FD
	67349	NA	72-1048-RV5-SB1	SO	072SB-0005-0001-SO	240-18297-13		1/1	03-Dec-2012 3:01 PM	04-Dec-2012 10:43 PM	06-Dec-2012 12:34 PM	N
68264	67349	NA	LABQC	SQ	LABQC	MB 240-67349/1-A		2/1	04-Dec-2012 10:43 PM	04-Dec-2012 10:43 PM	12-Dec-2012 1:05 AM	LB
	67349	NA	LABQC	SQ	LABQC	LCS 240-67349/2-A		2/1	04-Dec-2012 10:43 PM	04-Dec-2012 10:43 PM	12-Dec-2012 1:31 AM	BS
	67349	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1.667	03-Dec-2012 2:50 PM	04-Dec-2012 10:43 PM	12-Dec-2012 1:52 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68264	67349	NA	72-1048-RV5-SB3	SO	072SB-0004-0001-SO	240-18297-12		1/1	03-Dec-2012 3:20 PM	04-Dec-2012 10:43 PM	12-Dec-2012 2:14 AM	N
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	MB 240-68395/6		1/1	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	LB
	68395	NA	72-1048-RV5-SB3	WG	072SB-0006-0001-TB	240-18297-14		1/1	03-Dec-2012 8:00 AM	12-Dec-2012 2:23 PM	12-Dec-2012 2:23 PM	N
	68395	NA	72-1026-R86-SB6	WG	072SB-0020-0001-TB	240-18297-23		1/1	03-Dec-2012 8:00 AM	12-Dec-2012 2:46 PM	12-Dec-2012 2:46 PM	N
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68706	68168	NA	LABQC	SQ	LABQC	MB 240-68168/23-A		1/1	11-Dec-2012 10:39 AM	11-Dec-2012 10:39 AM	14-Dec-2012 12:58 PM	LB
	68168	NA	LABQC	SQ	LABQC	LCS 240-68168/24-A		1/1	11-Dec-2012 10:39 AM	11-Dec-2012 10:39 AM	14-Dec-2012 1:23 PM	BS
	68168	NA	72-1048-RV5-SB1	SO	072SB-0002-0001-SO	240-18297-10		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:39 AM	14-Dec-2012 1:48 PM	FD
	68168	NA	72-1048-RV5-SB1	SO	072SB-0001-0001-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:39 AM	14-Dec-2012 2:13 PM	N
	68168	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:39 AM	14-Dec-2012 2:38 PM	MS
	68168	NA	72-1048-RV5-SB1	SO	072SB-0001-0002-SO	240-18297-9		1/1	03-Dec-2012 2:30 PM	11-Dec-2012 10:39 AM	14-Dec-2012 3:02 PM	SD
68859	68363	NA	LABQC	SQ	LABQC	MB 240-68363/21-A		1/1	12-Dec-2012 10:59 AM	12-Dec-2012 10:59 AM	15-Dec-2012 6:07 PM	LB
	68363	NA	LABQC	SQ	LABQC	LCS 240-68363/22-A		1/1	12-Dec-2012 10:59 AM	12-Dec-2012 10:59 AM	15-Dec-2012 6:30 PM	BS
	68363	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	12-Dec-2012 10:59 AM	15-Dec-2012 6:53 PM	N
	68363	NA	72-1048-RV5-SB3	SO	072SB-0004-0001-SO	240-18297-12		1/1	03-Dec-2012 3:20 PM	12-Dec-2012 10:59 AM	15-Dec-2012 7:17 PM	N
	68363	NA	72-1048-RV5-SB1	SO	072SB-0005-0001-SO	240-18297-13		1/1	03-Dec-2012 3:01 PM	12-Dec-2012 10:59 AM	15-Dec-2012 7:40 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1 (72-77-SB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68859	68363	NA	72-1026-R86-SB1	SO	072SB-0012-0001-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	12-Dec-2012 10:59 AM	15-Dec-2012 8:04 PM	N
	68363	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	12-Dec-2012 10:59 AM	15-Dec-2012 8:27 PM	MS
	68363	NA	72-1026-R86-SB1	SO	072SB-0012-0002-SO	240-18297-15		1/1	03-Dec-2012 4:40 PM	12-Dec-2012 10:59 AM	15-Dec-2012 8:50 PM	SD
	68363	NA	72-1026-R86-SB1	SO	072SB-0013-0001-SO	240-18297-16		1/1	03-Dec-2012 4:40 PM	12-Dec-2012 10:59 AM	15-Dec-2012 9:14 PM	FD
	68363	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	12-Dec-2012 10:59 AM	15-Dec-2012 9:37 PM	N
	68363	NA	72-1026-R86-SB3	SO	072SB-0015-0001-SO	240-18297-18		1/1	03-Dec-2012 4:55 PM	12-Dec-2012 10:59 AM	15-Dec-2012 10:00 PM	N
	68363	NA	72-1026-R86-SB4	SO	072SB-0016-0001-SO	240-18297-19		1/1	03-Dec-2012 5:05 PM	12-Dec-2012 10:59 AM	15-Dec-2012 10:24 PM	N
	68363	NA	72-1026-R86-SB1	SO	072SB-0019-0001-SO	240-18297-22		1/1	03-Dec-2012 4:23 PM	12-Dec-2012 10:59 AM	15-Dec-2012 10:47 PM	N
	68363	NA	72-1026-R86-SB6	SO	072SB-0018-0001-SO	240-18297-21		1/1	03-Dec-2012 5:25 PM	12-Dec-2012 10:59 AM	15-Dec-2012 11:11 PM	N
	68363	NA	72-1026-R86-SB5	SO	072SB-0017-0001-SO	240-18297-20		1/1	03-Dec-2012 5:20 PM	12-Dec-2012 10:59 AM	15-Dec-2012 11:34 PM	N
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7319	NA	LABQC	SQ	LABQC	MB 320-7319/1-A		1/1	13-Dec-2012 8:56 AM	13-Dec-2012 8:56 AM	21-Dec-2012 12:35 AM	LB
	7319	NA	LABQC	SQ	LABQC	LCS 320-7319/2-A		1/1	13-Dec-2012 8:56 AM	13-Dec-2012 8:56 AM	21-Dec-2012 1:16 AM	BS
	7319	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		1/1	03-Dec-2012 12:00 PM	13-Dec-2012 8:56 AM	21-Dec-2012 1:56 AM	N
	7319	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		1/1	03-Dec-2012 12:00 PM	13-Dec-2012 8:56 AM	21-Dec-2012 2:37 AM	MS
	7319	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		1/1	03-Dec-2012 12:00 PM	13-Dec-2012 8:56 AM	21-Dec-2012 3:17 AM	SD
	7319	NA	77-1037-DU1-SB	SO	077SB-0005M-0001-SO	240-18297-2		1/1	03-Dec-2012 12:01 PM	13-Dec-2012 8:56 AM	21-Dec-2012 3:58 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7319	NA	77-1037-DU1-SB1	SO	077SB-0006M-0001-SO	240-18297-3		1/1	03-Dec-2012 12:00 PM	13-Dec-2012 8:56 AM	21-Dec-2012 4:38 AM	N
	7319	NA	77-1037-DU1-SB2	SO	077SB-0007M-0001-SO	240-18297-4		1/1	03-Dec-2012 11:03 AM	13-Dec-2012 8:56 AM	21-Dec-2012 5:19 AM	N
	7319	NA	77-1037-DU1-SB2	SO	077SB-0008M-0001-SO	240-18297-5		1/1	03-Dec-2012 11:37 AM	13-Dec-2012 8:56 AM	21-Dec-2012 5:59 AM	N
	7319	NA	77-1037-DU1-SB3	SO	077SB-0009M-0001-SO	240-18297-6		1/1	03-Dec-2012 11:26 AM	13-Dec-2012 8:56 AM	21-Dec-2012 6:39 AM	N
	7319	NA	77-1037-DU1-SB4	SO	077SB-0010M-0001-SO	240-18297-7		1/1	03-Dec-2012 11:50 AM	13-Dec-2012 8:56 AM	21-Dec-2012 8:00 AM	N
	7319	NA	77-1037-DU1-SB5	SO	077SB-0011M-0001-SO	240-18297-8		1/1	03-Dec-2012 11:03 AM	13-Dec-2012 8:56 AM	21-Dec-2012 8:40 AM	N
	7319	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		1/1	03-Dec-2012 2:50 PM	13-Dec-2012 8:56 AM	21-Dec-2012 9:20 AM	N
	7319	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		1/1	03-Dec-2012 4:45 PM	13-Dec-2012 8:56 AM	21-Dec-2012 10:00 AM	N
7989	7319	NA	LABQC	SQ	LABQC	MB 320-7319/1-A		2/1	13-Dec-2012 8:56 AM	13-Dec-2012 8:56 AM	28-Dec-2012 7:22 PM	LB
	7319	NA	77-1037-DU1-SB4	SO	077SB-0010M-0001-SO	240-18297-7		3/1	03-Dec-2012 11:50 AM	13-Dec-2012 8:56 AM	28-Dec-2012 8:27 PM	N
7855	7352	NA	LABQC	SQ	LABQC	MB 320-7352/1-A		1/1	13-Dec-2012 2:20 PM	13-Dec-2012 2:20 PM	26-Dec-2012 3:41 PM	LB
	7352	NA	LABQC	SQ	LABQC	LCS 320-7352/2-A		1/1	13-Dec-2012 2:20 PM	13-Dec-2012 2:20 PM	26-Dec-2012 3:56 PM	BS
	7352	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		2/1	03-Dec-2012 12:00 PM	13-Dec-2012 2:20 PM	26-Dec-2012 4:10 PM	N
	7352	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		2/1	03-Dec-2012 12:00 PM	13-Dec-2012 2:20 PM	26-Dec-2012 4:24 PM	MS
	7352	NA	77-1037-DU1-SB	SO	077SB-0004M-0001-SO	240-18297-1		2/1	03-Dec-2012 12:00 PM	13-Dec-2012 2:20 PM	26-Dec-2012 4:39 PM	SD
	7352	NA	77-1037-DU1-SB	SO	077SB-0005M-0001-SO	240-18297-2		2/1	03-Dec-2012 12:01 PM	13-Dec-2012 2:20 PM	26-Dec-2012 4:53 PM	N
	7352	NA	77-1037-DU1-SB1	SO	077SB-0006M-0001-SO	240-18297-3		2/1	03-Dec-2012 12:00 PM	13-Dec-2012 2:20 PM	26-Dec-2012 5:08 PM	N
	7352	NA	77-1037-DU1-SB2	SO	077SB-0007M-0001-SO	240-18297-4		2/1	03-Dec-2012 11:03 AM	13-Dec-2012 2:20 PM	26-Dec-2012 5:22 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7855	7352	NA	77-1037-DU1-SB2	SO	077SB-0008M-0001-SO	240-18297-5		2/1	03-Dec-2012 11:37 AM	13-Dec-2012 2:20 PM	26-Dec-2012 5:36 PM	N
	7352	NA	77-1037-DU1-SB3	SO	077SB-0009M-0001-SO	240-18297-6		2/1	03-Dec-2012 11:26 AM	13-Dec-2012 2:20 PM	26-Dec-2012 5:51 PM	N
	7352	NA	77-1037-DU1-SB4	SO	077SB-0010M-0001-SO	240-18297-7		2/1	03-Dec-2012 11:50 AM	13-Dec-2012 2:20 PM	26-Dec-2012 6:19 PM	N
	7352	NA	77-1037-DU1-SB5	SO	077SB-0011M-0001-SO	240-18297-8		2/1	03-Dec-2012 11:03 AM	13-Dec-2012 2:20 PM	26-Dec-2012 6:34 PM	N
	7352	NA	72-1048-RV5-SB2	SO	072SB-0003-0001-SO	240-18297-11		2/1	03-Dec-2012 2:50 PM	13-Dec-2012 2:20 PM	26-Dec-2012 6:48 PM	N
	7352	NA	72-1026-R86-SB2	SO	072SB-0014-0001-SO	240-18297-17		2/1	03-Dec-2012 4:45 PM	13-Dec-2012 2:20 PM	26-Dec-2012 7:03 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
E353.2 / METHOD/NONE	Test Hold Time	072SB-0003-0001-SO (N) / 240-18297-11	1 / 1.00	Nitrocellulose	14.9 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	072SB-0014-0001-SO (N) / 240-18297-17	1 / 1.00	Nitrocellulose	14.9 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0004M-0001-SO (N) / 240-18297-1	1 / 1.00	Nitrocellulose	15.0 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0005M-0001-SO (N) / 240-18297-2	1 / 1.00	Nitrocellulose	15.0 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0006M-0001-SO (N) / 240-18297-3	1 / 1.00	Nitrocellulose	15.0 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0007M-0001-SO (N) / 240-18297-4	1 / 1.00	Nitrocellulose	15.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0008M-0001-SO (N) / 240-18297-5	1 / 1.00	Nitrocellulose	15.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0009M-0001-SO (N) / 240-18297-6	1 / 1.00	Nitrocellulose	15.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0010M-0001-SO (N) / 240-18297-7	1 / 1.00	Nitrocellulose	15.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	077SB-0011M-0001-SO (N) / 240-18297-8	1 / 1.00	Nitrocellulose	15.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
M8015V / SW3550B/NONE	MS Recovery	072SB-0001-0002-SO (SD) / 240-18297-9	1 / 1.00	Petroleum Hydrocarbons C6- C12	23.4 (PERCENT)	J/UJ	60 - 142	30 - 142	M			
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Aluminum	0.73 (MG/KG)	U/None	< 0.28	< 3	L		1	0.733
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Calcium	1.5 (MG/KG)	U/None	< 1.3	< 10	L		1	1.52
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Iron	2.1 (MG/KG)	U/None	< 1.1	< 5	L		1	2.10
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Manganese	0.022 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0221
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	alpha-BHC (alpha- Hexachlorocyclohexane)	44.1 (PERCENT)	J/UJ	60 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	alpha-Chlordane	41.5 (PERCENT)	J/UJ	65 - 120	20 - 120	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (MS) / 240-18297-17	1 / 1.00	alpha-Chlordane	62.2 (PERCENT)	J/UJ	65 - 120	20 - 120	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	beta-BHC (beta- Hexachlorocyclohexane)	38.6 (PERCENT)	J/UJ	60 - 125	20 - 125	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	delta-BHC (delta- Hexachlorocyclohexane)	43.3 (PERCENT)	J/UJ	55 - 130	20 - 130	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	Dieldrin	45.9 (PERCENT)	J/UJ	65 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	Endosulfan Sulfate	38.8 (PERCENT)	J/UJ	60 - 135	20 - 135	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (MS) / 240-18297-17	1 / 1.00	Endosulfan Sulfate	57.0 (PERCENT)	J/UJ	60 - 135	20 - 135	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	Endrin	43.0 (PERCENT)	J/UJ	60 - 135	20 - 135	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	Endrin Ketone	38.8 (PERCENT)	J/UJ	65 - 135	20 - 135	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (MS) / 240-18297-17	1 / 1.00	Endrin Ketone	52.4 (PERCENT)	J/UJ	65 - 135	20 - 135	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	gamma-BHC (Lindane)	38.8 (PERCENT)	J/UJ	60 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (MS) / 240-18297-17	1 / 1.00	gamma-BHC (Lindane)	57.8 (PERCENT)	J/UJ	60 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	gamma-Chlordane	40.7 (PERCENT)	J/UJ	65 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (MS) / 240-18297-17	1 / 1.00	gamma-Chlordane	62.4 (PERCENT)	J/UJ	65 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	Heptachlor	40.4 (PERCENT)	J/UJ	50 - 140	20 - 140	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	Heptachlor Epoxide	46.5 (PERCENT)	J/UJ	65 - 130	20 - 130	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	Methoxychlor	39.6 (PERCENT)	J/UJ	55 - 145	20 - 145	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (MS) / 240-18297-17	1 / 1.00	Methoxychlor	53.0 (PERCENT)	J/UJ	55 - 145	20 - 145	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	p,p'-DDE	45.1 (PERCENT)	J/UJ	70 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (MS) / 240-18297-17	1 / 1.00	p,p'-DDE	65.7 (PERCENT)	J/UJ	70 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	072SB-0014-0001-SO (SD) / 240-18297-17	1 / 1.00	p,p'-DDT	39.6 (PERCENT)	J/UJ	45 - 140	20 - 140	M			
SW8260B / SW5030B/NONE	Blank	MB 240-68395/6 (LB) / MB 240-68395/6	1 / 1.00	Methylene Chloride	0.69 (UG/L)	U/None	< 0.33	< 1	L		2	1.38

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8260B / SW5035/NONE	Blank	MB 240-67349/1-A (LB) / MB 240-67349/1-A	2 / 1.00	Tetrachloroethene (PCE)	19.6 (UG/KG)	U/None	< 12	< 250	L		1	19.6
SW8260B / SW5035/NONE	Blank	MB 240-68264/7 (LB) / MB 240-68264/7	1 / 1.00	2-Hexanone	0.72 (UG/KG)	U/None	< 0.63	< 20	L		1	0.718
SW8260B / SW5035/NONE	Surrogate	072SB-0001-0001-SO (N) / 240-18297-9	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	72.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0001-0001-SO (N) / 240-18297-9	1 / 1.00	Dibromofluoromethane	64.5 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0001-0001-SO (N) / 240-18297-9	1 / 1.00	Toluene-d8	72.6 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0002-0001-SO (FD) / 240-18297-10	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	84.0 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0002-0001-SO (FD) / 240-18297-10	1 / 1.00	Dibromofluoromethane	75.6 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0002-0001-SO (FD) / 240-18297-10	1 / 1.00	Toluene-d8	84.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0003-0001-SO (N) / 240-18297-11	1 / 2.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	75.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0003-0001-SO (N) / 240-18297-11	1 / 2.00	Dibromofluoromethane	63.3 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0003-0001-SO (N) / 240-18297-11	1 / 2.00	Toluene-d8	67.5 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0004-0001-SO (N) / 240-18297-12	1 / 1.00	Dibromofluoromethane	83.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0004-0001-SO (N) / 240-18297-12	1 / 1.00	Toluene-d8	83.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0005-0001-SO (N) / 240-18297-13	1 / 1.00	1,2-Dichloroethane-d4	64.2 (PERCENT)	J/UJ	70 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0005-0001-SO (N) / 240-18297-13	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	64.2 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0005-0001-SO (N) / 240-18297-13	1 / 1.00	Dibromofluoromethane	55.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0005-0001-SO (N) / 240-18297-13	1 / 1.00	Toluene-d8	59.6 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0012-0001-SO (N) / 240-18297-15	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	76.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0012-0001-SO (N) / 240-18297-15	1 / 1.00	Dibromofluoromethane	80.9 (PERCENT)	J/UJ	85 - 115	10 - 115	I			

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8260B / SW5035/NONE	Surrogate	072SB-0016-0001-SO (N) / 240-18297-19	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	71.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0016-0001-SO (N) / 240-18297-19	1 / 1.00	Dibromofluoromethane	81.1 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0017-0001-SO (N) / 240-18297-20	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	79.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0017-0001-SO (N) / 240-18297-20	1 / 1.00	Dibromofluoromethane	84.8 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0018-0001-SO (N) / 240-18297-21	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	83.7 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0018-0001-SO (N) / 240-18297-21	1 / 1.00	Dibromofluoromethane	83.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8270C / SW3550/NONE	Blank	MB 240-68363/21-A (LB) / MB 240-68363/21-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	19.2 (UG/KG)	U/None	< 19	< 50	L		5	96.0
SW8270C / SW3550/NONE	Surrogate	072SB-0012-0001-SO (N) / 240-18297-15	1 / 1.00	2,4,6-Tribromophenol	34.2 (PERCENT)	J/UJ	35 - 125	10 - 125	I			
SW8270C / SW3550/NONE	Surrogate	072SB-0012-0001-SO (N) / 240-18297-15	1 / 1.00	2-Fluorobiphenyl	44.8 (PERCENT)	J/UJ	45 - 105	10 - 105	I			

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Petroleum Hydrocarbons C6-C12	110	320	320 J		UG/KG	d
M8015V/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Petroleum Hydrocarbons C6-C12	100	180	180 J		UG/KG	d
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Antimony	0.21	0.075	0.075 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Arsenic	0.10	14.0	14.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Barium	1.0	36.0	36.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Calcium	10.0	2900	2900 J	+	MG/KG	M/D1/d
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Potassium	10.0	1900	1900 J	+	MG/KG	M
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Silver	0.10	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Antimony	0.19	0.083	0.083 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Arsenic	0.096	7.8	7.8 J		MG/KG	d
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Barium	0.96	87.0	87.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Calcium	9.6	28000	28000 J		MG/KG	d
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Silver	0.096	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Antimony	0.21	0.065	0.065 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Silver	0.10	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Antimony	0.21	0.076	0.076 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Silver	0.10	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Antimony	0.18	0.059	0.059 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Silver	0.092	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Thallium	0.092	0.078	0.078 J		MG/KG	TR
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Antimony	0.21	0.20	0.20 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Arsenic	0.11	5.6	5.6 J		MG/KG	D1
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Silver	0.11	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Antimony	0.20	0.14	0.14 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Silver	0.099	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Antimony	0.20	0.13	0.13 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Silver	0.10	0.036	0.036 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Antimony	0.18	0.13	0.13 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Silver	0.088	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Antimony	0.18	0.12	0.12 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Silver	0.090	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Antimony	0.20	0.087	0.087 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Silver	0.098	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Antimony	0.23	0.13	0.13 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Silver	0.12	0.039	0.039 J		MG/KG	TR
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Thallium	0.12	0.10	0.10 J		MG/KG	TR
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Antimony	0.18	0.073	0.073 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Silver	0.089	0.043	0.043 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Mercury	0.11	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Mercury	0.10	0.040	0.040 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Mercury	0.097	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Mercury	0.098	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Mercury	0.10	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Mercury	0.10	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Mercury	0.11	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Mercury	0.11	0.041	0.041 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Mercury	0.094	0.020	0.020 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.9	2.9	2.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	alpha-Chlordane	3.4	3.4	3.4 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	alpha-Endosulfan	1.9	1.9	1.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	beta-BHC (beta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	beta-Endosulfan	2.9	2.9	2.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	delta-BHC (delta-Hexachlorocyclohexane)	4.6	4.6	4.6 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Dieldrin	1.9	1.9	1.9 UJ	-	UG/KG	M/D

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Endosulfan Sulfate	3.4	3.4	3.4 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Endrin	1.9	1.9	1.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Endrin Aldehyde	3.4	3.4	3.4 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Endrin Ketone	2.3	2.3	2.3 UJ	-	UG/KG	M
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	gamma-BHC (Lindane)	2.9	2.9	2.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	gamma-Chlordane	1.9	1.9	1.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Heptachlor	4.0	4.0	4.0 UJ	-	UG/KG	M
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Heptachlor Epoxide	2.9	2.9	2.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Methoxychlor	5.7	5.7	5.7 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	p,p'-DDD	2.3	2.3	2.3 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	p,p'-DDE	1.9	1.9	1.9 UJ	-	UG/KG	M/D
SW8081/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	p,p'-DDT	2.3	2.3	2.3 UJ	-	UG/KG	M
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Benzene	250	250	250 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Ethylbenzene	250	250	250 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	tert-Butyl Methyl Ether (MTBE)	250	250	250 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Toluene	250	250	250 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Xylenes, Total	500	500	500 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Benzene	240	240	240 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Ethylbenzene	240	240	240 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	tert-Butyl Methyl Ether (MTBE)	240	240	240 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Toluene	240	240	240 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Xylenes, Total	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,1,1-Trichloroethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,1,2,2-Tetrachloroethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,1,2-Trichloroethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,1-Dichloroethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,1-Dichloroethene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,2-Dibromoethane (EDB)	400	400	400 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,2-Dichloroethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,2-Dichloroethene	790	790	790 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	1,2-Dichloropropane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	2-Butanone (MEK)	1600	1600	1600 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	2-Hexanone	1600	39.0	1600 UJ	-	UG/KG	I/L/J
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	4-Methyl-2-pentanone (MIBK)	1600	1600	1600 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Acetone	1600	1600	1600 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Benzene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Bromochloromethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Bromodichloromethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Bromoform	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Bromomethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Carbon Disulfide	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Carbon Tetrachloride	400	14000	14000 J	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Chlorobenzene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Chloroethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Chloroform	400	190	190 J	-	UG/KG	I/TR
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Chloromethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	cis-1,3-Dichloropropene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Dibromochloromethane	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Ethylbenzene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Methylene Chloride	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Styrene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	tert-Butyl Methyl Ether (MTBE)	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Tetrachloroethene (PCE)	400	400	400 UJ		UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Toluene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	trans-1,3-Dichloropropene	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Trichloroethene (TCE)	400	400	400 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Vinyl Chloride	400	400	400 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Xylenes, Total	790	790	790 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Benzene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Ethylbenzene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	tert-Butyl Methyl Ether (MTBE)	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Toluene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Xylenes, Total	450	450	450 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Benzene	220	220	220 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Ethylbenzene	220	220	220 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	tert-Butyl Methyl Ether (MTBE)	220	220	220 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Toluene	220	220	220 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Xylenes, Total	440	440	440 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Benzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Ethylbenzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	tert-Butyl Methyl Ether (MTBE)	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Toluene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Xylenes, Total	9.4	9.4	9.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	2-Hexanone	18.0	18.0	18.0 UJ		UG/KG	J
SW8260B/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Acetone	18.0	18.0	18.0 UJ		UG/KG	J
SW8260B/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Benzene	4.2	4.2	4.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Ethylbenzene	4.2	4.2	4.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	tert-Butyl Methyl Ether (MTBE)	4.2	4.2	4.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Toluene	4.2	4.2	4.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Xylenes, Total	8.4	8.4	8.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Benzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Ethylbenzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	tert-Butyl Methyl Ether (MTBE)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Toluene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Xylenes, Total	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	tert-Butyl Methyl Ether (MTBE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Toluene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Xylenes, Total	9.6	9.6	9.6 UJ	-	UG/KG	I
SW8260B/NONE	WG	072SB-0020-0001-TB	240-18297-23	N	Acetone	10.0	1.5	1.5 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	4-Nitroaniline	240	240	240 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	bis(2-Ethylhexyl) Phthalate	59.0	24.0	59.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Benzo(b)fluoranthene	7.3	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	2,4-Dinitrophenol	370	370	370 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	4-Nitroaniline	230	230	230 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Benzo(b)fluoranthene	7.5	6.7	6.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	bis(2-Ethylhexyl) Phthalate	56.0	22.0	56.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Naphthalene	7.5	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Benzo(b)fluoranthene	7.5	6.9	6.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Naphthalene	7.5	6.7	6.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Benzo(b)fluoranthene	7.3	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Naphthalene	7.3	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Benzo(b)fluoranthene	7.9	6.7	6.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Benzo(b)fluoranthene	7.9	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Naphthalene	7.2	5.0	5.0 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Petroleum Hydrocarbons C6-C12	110	320	320 J	UG/KG	d
M8015V/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Petroleum Hydrocarbons C6-C12	100	180	180 J	UG/KG	d
M8015V/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Petroleum Hydrocarbons C6-C12	91.0	760	760	UG/KG	
M8015V/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Petroleum Hydrocarbons C6-C12	92.0	310	310	UG/KG	
M8015V/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Petroleum Hydrocarbons C6-C12	91.0	440	440	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Silver	0.10	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Aluminum	3.1	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Arsenic	0.10	14.0	14.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Barium	1.0	36.0	36.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Beryllium	0.10	0.65	0.65	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Calcium	10.0	2900	2900 J +	MG/KG	M/D1/d
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Cadmium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Cobalt	0.051	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Chromium	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Copper	0.21	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Iron	5.1	28000	28000	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Potassium	10.0	1900	1900 J +	MG/KG	M
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Magnesium	10.0	6000	6000	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Manganese	0.51	190	190	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Sodium	10.0	85.0	85.0	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Nickel	0.10	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Antimony	0.21	0.075	0.075 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Selenium	0.51	0.90	0.90	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Thallium	0.10	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Vanadium	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Zinc	0.51	59.0	59.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Silver	0.096	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Arsenic	0.096	7.8	7.8 J	MG/KG	d
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Barium	0.96	87.0	87.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Beryllium	0.096	0.60	0.60	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Calcium	9.6	28000	28000 J	MG/KG	d
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Cadmium	0.096	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Cobalt	0.048	9.6	9.6	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Chromium	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Iron	4.8	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Potassium	9.6	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Magnesium	9.6	8100	8100	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Manganese	0.48	270	270	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Sodium	9.6	100	100	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Nickel	0.096	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Lead	0.096	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Antimony	0.19	0.083	0.083 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Selenium	0.48	0.90	0.90	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Thallium	0.096	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Vanadium	0.096	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0002-0001-SO	240-18297-10	FD	Zinc	0.48	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Silver	0.10	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Aluminum	3.1	9100	9100	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Arsenic	0.10	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Barium	1.0	40.0	40.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Beryllium	0.10	0.44	0.44	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Calcium	10.0	16000	16000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Cadmium	0.10	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Cobalt	0.052	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Chromium	0.21	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Copper	0.21	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Iron	5.2	27000	27000	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Potassium	10.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Magnesium	10.0	6100	6100	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Manganese	0.52	230	230	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Sodium	10.0	74.0	74.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Nickel	0.10	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Lead	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Antimony	0.21	0.065	0.065 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Selenium	0.52	0.91	0.91	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Thallium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Zinc	0.52	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Silver	0.10	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Aluminum	3.1	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Arsenic	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Barium	1.0	36.0	36.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Beryllium	0.10	0.48	0.48	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Calcium	10.0	8100	8100	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Cadmium	0.10	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Cobalt	0.052	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Chromium	0.21	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Copper	0.21	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Iron	5.2	25000	25000	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Potassium	10.0	1500	1500	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Magnesium	10.0	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Manganese	0.52	190	190	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Sodium	10.0	74.0	74.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Nickel	0.10	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Antimony	0.21	0.076	0.076 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Selenium	0.52	0.82	0.82	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Vanadium	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Zinc	0.52	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Silver	0.092	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Aluminum	2.8	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Arsenic	0.092	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Barium	0.92	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Beryllium	0.092	0.21	0.21	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Calcium	9.2	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Cadmium	0.092	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Cobalt	0.046	5.6	5.6	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Chromium	0.18	7.1	7.1	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Copper	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Iron	4.6	17000	17000	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Potassium	9.2	630	630	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Magnesium	9.2	3300	3300	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Manganese	0.46	200	200	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Sodium	9.2	40.0	40.0	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Nickel	0.092	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Lead	0.092	8.1	8.1	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Antimony	0.18	0.059	0.059 J -	MG/KG	TR/M

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Selenium	0.46	0.71	0.71	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Thallium	0.092	0.078	0.078 J	MG/KG	TR
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Vanadium	0.092	7.8	7.8	MG/KG	
SW6020/NONE	SO	072SB-0005-0001-SO	240-18297-13	N	Zinc	0.46	45.0	45.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Silver	0.11	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Aluminum	3.2	8500	8500	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Arsenic	0.11	5.6	5.6 J	MG/KG	D1
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Barium	1.1	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Beryllium	0.11	0.88	0.88	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Calcium	11.0	400	400	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Cadmium	0.11	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Cobalt	0.053	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Chromium	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Copper	0.21	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Iron	5.3	37000	37000	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Potassium	11.0	1000	1000	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Magnesium	11.0	4000	4000	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Manganese	0.53	910	910	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Sodium	11.0	60.0	60.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Nickel	0.11	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Lead	0.11	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Antimony	0.21	0.20	0.20 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Selenium	0.53	1.0	1.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Vanadium	0.11	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Zinc	0.53	69.0	69.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Silver	0.099	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Aluminum	3.0	9600	9600	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Arsenic	0.099	4.7	4.7	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Barium	0.99	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Beryllium	0.099	0.81	0.81	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Calcium	9.9	450	450	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Cadmium	0.099	0.23	0.23	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Cobalt	0.049	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Chromium	0.20	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Copper	0.20	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Iron	4.9	36000	36000	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Potassium	9.9	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Magnesium	9.9	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Manganese	0.49	700	700	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Sodium	9.9	66.0	66.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Nickel	0.099	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Lead	0.099	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Antimony	0.20	0.14	0.14 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Selenium	0.49	1.1	1.1	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Thallium	0.099	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Vanadium	0.099	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Zinc	0.49	80.0	80.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Silver	0.10	0.036	0.036 J	MG/KG	TR
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Aluminum	3.0	9500	9500	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Arsenic	0.10	5.6	5.6	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Barium	1.0	61.0	61.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Beryllium	0.10	0.91	0.91	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Calcium	10.0	430	430	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Cadmium	0.10	0.26	0.26	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Cobalt	0.050	17.0	17.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Chromium	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Copper	0.20	34.0	34.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Iron	5.0	40000	40000	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Magnesium	10.0	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Manganese	0.50	840	840	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Sodium	10.0	61.0	61.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Nickel	0.10	34.0	34.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Lead	0.10	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Antimony	0.20	0.13	0.13 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Selenium	0.50	1.1	1.1	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Thallium	0.10	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Vanadium	0.10	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Zinc	0.50	87.0	87.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Silver	0.088	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Aluminum	2.6	9500	9500	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Arsenic	0.088	3.6	3.6	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Barium	0.88	57.0	57.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Beryllium	0.088	0.82	0.82	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Calcium	8.8	420	420	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Cadmium	0.088	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Cobalt	0.044	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Chromium	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Copper	0.18	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Iron	4.4	34000	34000	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Potassium	8.8	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Magnesium	8.8	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Manganese	0.44	650	650	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Sodium	8.8	61.0	61.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Nickel	0.088	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Lead	0.088	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Antimony	0.18	0.13	0.13 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Selenium	0.44	0.85	0.85	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Thallium	0.088	0.10	0.10	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Vanadium	0.088	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Zinc	0.44	70.0	70.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Silver	0.090	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Aluminum	2.7	9700	9700	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Arsenic	0.090	3.9	3.9	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Barium	0.90	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Beryllium	0.090	0.85	0.85	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Calcium	9.0	470	470	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Cadmium	0.090	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Cobalt	0.045	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Chromium	0.18	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Copper	0.18	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Iron	4.5	33000	33000	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Potassium	9.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Magnesium	9.0	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Manganese	0.45	490	490	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Sodium	9.0	65.0	65.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Nickel	0.090	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Lead	0.090	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Antimony	0.18	0.12	0.12 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Selenium	0.45	0.85	0.85	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Thallium	0.090	0.093	0.093	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Vanadium	0.090	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Zinc	0.45	58.0	58.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Silver	0.098	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Aluminum	2.9	9400	9400	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Arsenic	0.098	2.8	2.8	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Barium	0.98	61.0	61.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Beryllium	0.098	0.91	0.91	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Calcium	9.8	310	310	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Cadmium	0.098	0.24	0.24	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Cobalt	0.049	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Chromium	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Copper	0.20	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Iron	4.9	35000	35000	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Potassium	9.8	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Magnesium	9.8	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Manganese	0.49	870	870	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Sodium	9.8	58.0	58.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Nickel	0.098	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Lead	0.098	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Antimony	0.20	0.087	0.087 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Selenium	0.49	0.89	0.89	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Thallium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Vanadium	0.098	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Zinc	0.49	81.0	81.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Silver	0.12	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Aluminum	3.5	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Arsenic	0.12	4.4	4.4	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Barium	1.2	55.0	55.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Beryllium	0.12	0.91	0.91	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Calcium	12.0	480	480	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Cadmium	0.12	0.25	0.25	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Cobalt	0.058	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Chromium	0.23	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Copper	0.23	34.0	34.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Iron	5.8	37000	37000	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Potassium	12.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Magnesium	12.0	4500	4500	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Manganese	0.58	500	500	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Sodium	12.0	62.0	62.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Nickel	0.12	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Lead	0.12	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Antimony	0.23	0.13	0.13 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Selenium	0.58	1.1	1.1	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Thallium	0.12	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Vanadium	0.12	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Zinc	0.58	75.0	75.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Silver	0.089	0.043	0.043 J	MG/KG	TR
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Aluminum	2.7	9000	9000	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Arsenic	0.089	2.2	2.2	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Barium	0.89	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Beryllium	0.089	0.83	0.83	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Calcium	8.9	550	550	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Cadmium	0.089	0.24	0.24	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Cobalt	0.044	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Chromium	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Copper	0.18	27.0	27.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Iron	4.4	35000	35000	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Potassium	8.9	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Magnesium	8.9	4000	4000	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Manganese	0.44	520	520	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Sodium	8.9	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Nickel	0.089	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Lead	0.089	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Antimony	0.18	0.073	0.073 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Selenium	0.44	0.82	0.82	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Thallium	0.089	0.098	0.098	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Vanadium	0.089	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Zinc	0.44	61.0	61.0	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	072SB-0004-0001-SO	240-18297-12	N	Mercury	0.11	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0012-0001-SO	240-18297-15	N	Mercury	0.10	0.040	0.040 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Mercury	0.097	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Mercury	0.098	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Mercury	0.10	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Mercury	0.10	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Mercury	0.11	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Mercury	0.11	0.041	0.041 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Mercury	0.094	0.020	0.020 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Carbon Tetrachloride	400	14000	14000 J -	UG/KG	I
SW8260B/NONE	SO	072SB-0003-0001-SO	240-18297-11	N	Chloroform	400	190	190 J -	UG/KG	I/TR
SW8260B/NONE	WG	072SB-0020-0001-TB	240-18297-23	N	Acetone	10.0	1.5	1.5 J	UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0001-0001-SO	240-18297-9	N	Naphthalene	8.0	8.9	8.9	UG/KG	
SW8270C/NONE	SO	072SB-0013-0001-SO	240-18297-16	FD	Benzo(b)fluoranthene	7.3	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Benzo(b)fluoranthene	7.5	6.7	6.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0014-0001-SO	240-18297-17	N	Naphthalene	7.5	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Benzo(b)fluoranthene	7.5	6.9	6.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0015-0001-SO	240-18297-18	N	Naphthalene	7.5	6.7	6.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Benzo(b)fluoranthene	7.3	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0016-0001-SO	240-18297-19	N	Naphthalene	7.3	4.1	4.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0017-0001-SO	240-18297-20	N	Benzo(b)fluoranthene	7.9	6.7	6.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0018-0001-SO	240-18297-21	N	Benzo(b)fluoranthene	7.9	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Benzo(a)anthracene	7.2	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Benzo(b)fluoranthene	7.2	29.0	29.0	UG/KG	
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Benzo(g,h,i)perylene	7.2	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Benzo(k)fluoranthene	7.2	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Chrysene	7.2	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Fluoranthene	7.2	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Naphthalene	7.2	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Phenanthrene	7.2	34.0	34.0	UG/KG	
SW8270C/NONE	SO	072SB-0019-0001-SO	240-18297-22	N	Pyrene	7.2	8.1	8.1	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Anomalies Count

SDG Name: 240-18297-1_(72-77-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	10	10
M8015V/SW3550B/NONE	2	2
SW6020/SW3050B/NONE	5	15
SW7471A/TOTAL/NONE	6	6
SW8081/SW3540C/NONE	2	40
SW8082/SW3540C/NONE	2	14
SW8260B/SW5030B/NONE	2	2
SW8270C/SW3550/NONE	2	8

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reporting Anomalies

SDG Name: 240-18297-1_(72-77-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	072SB-0003-0001-SO	N	1	Nitrocellulose	56 U	8.8	56	5	MG/KG
E353.2/NONE	072SB-0014-0001-SO	N	1	Nitrocellulose	54 U	8.5	54	5	MG/KG
E353.2/NONE	077SB-0004M-0001-SO	N	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	077SB-0005M-0001-SO	N	1	Nitrocellulose	48 U	7.5	48	5	MG/KG
E353.2/NONE	077SB-0006M-0001-SO	N	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	077SB-0007M-0001-SO	N	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
E353.2/NONE	077SB-0008M-0001-SO	N	1	Nitrocellulose	48 U	7.4	48	5	MG/KG
E353.2/NONE	077SB-0009M-0001-SO	N	1	Nitrocellulose	43 U	6.8	43	5	MG/KG
E353.2/NONE	077SB-0010M-0001-SO	N	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	077SB-0011M-0001-SO	N	1	Nitrocellulose	53 U	8.2	53	5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	072SB-0001-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	320 J	50	110	100	UG/KG
M8015V/NONE	072SB-0017-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	50	110	100	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0001-0001-SO	N	1	Selenium	0.9	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0003-0001-SO	N	1	Selenium	0.91	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0004-0001-SO	N	1	Selenium	0.82	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0012-0001-SO	N	1	Barium	55	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0012-0001-SO	N	1	Beryllium	0.88	0.008	0.11	0.1	MG/KG
SW6020/NONE	072SB-0012-0001-SO	N	1	Cadmium	0.2	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0012-0001-SO	N	1	Calcium	400	1.4	11	10	MG/KG
SW6020/NONE	072SB-0012-0001-SO	N	1	Magnesium	4000	1.1	11	10	MG/KG
SW6020/NONE	072SB-0012-0001-SO	N	1	Selenium	1	0.054	0.53	0.5	MG/KG
SW6020/NONE	072SB-0018-0001-SO	N	1	Barium	55	0.012	1.2	1	MG/KG
SW6020/NONE	072SB-0018-0001-SO	N	1	Beryllium	0.91	0.0087	0.12	0.1	MG/KG
SW6020/NONE	072SB-0018-0001-SO	N	1	Cadmium	0.25	0.015	0.12	0.1	MG/KG
SW6020/NONE	072SB-0018-0001-SO	N	1	Calcium	480	1.5	12	10	MG/KG
SW6020/NONE	072SB-0018-0001-SO	N	1	Magnesium	4500	1.3	12	10	MG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reporting Anomalies

SDG Name: 240-18297-1_(72-77-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0018-0001-SO	N	1	Selenium	1.1	0.059	0.58	0.5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0001-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0003-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0004-0001-SO	N	1	Mercury	0.016 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0005-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0017-0001-SO	N	1	Mercury	0.022 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0018-0001-SO	N	1	Mercury	0.041 J	0.015	0.11	0.1	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0003-0001-SO	N	1	Aldrin	4.6 U	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.9 U	0.84	2.9	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	alpha-Chlordane	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	alpha-Endosulfan	2 U	0.6	2	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	4 U	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	beta-Endosulfan	2.9 U	0.95	2.9	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.6 U	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Dieldrin	2 U	0.54	2	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Endosulfan Sulfate	3.5 U	1	3.5	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Endrin	2 U	0.58	2	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Endrin Aldehyde	3.5 U	1.2	3.5	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Endrin Ketone	2.3 U	0.73	2.3	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	gamma-BHC (Lindane)	2.9 U	0.86	2.9	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	gamma-Chlordane	2 U	0.49	2	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Heptachlor	4 U	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Heptachlor Epoxide	2.9 U	0.92	2.9	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	Methoxychlor	5.8 U	1.7	5.8	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	p,p'-DDD	2.3 U	0.72	2.3	1.7	UG/KG
SW8081/NONE	072SB-0003-0001-SO	N	1	p,p'-DDE	2 U	0.45	2	1.7	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reporting Anomalies

SDG Name: 240-18297-1_(72-77-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0003-0001-SO	N	1	p,p'-DDT	2.3 U	0.73	2.3	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Aldrin	4.6 U	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.9 UJ	0.83	2.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	alpha-Chlordane	3.4 UJ	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	alpha-Endosulfan	1.9 UJ	0.59	1.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	4 UJ	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	beta-Endosulfan	2.9 UJ	0.94	2.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.6 UJ	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Dieldrin	1.9 UJ	0.54	1.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Endosulfan Sulfate	3.4 UJ	0.99	3.4	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Endrin	1.9 UJ	0.57	1.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Endrin Aldehyde	3.4 UJ	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Endrin Ketone	2.3 UJ	0.72	2.3	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	gamma-BHC (Lindane)	2.9 UJ	0.85	2.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	gamma-Chlordane	1.9 UJ	0.48	1.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Heptachlor	4 UJ	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Heptachlor Epoxide	2.9 UJ	0.91	2.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	Methoxychlor	5.7 UJ	1.7	5.7	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	p,p'-DDD	2.3 UJ	0.71	2.3	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	p,p'-DDE	1.9 UJ	0.45	1.9	1.7	UG/KG
SW8081/NONE	072SB-0014-0001-SO	N	1	p,p'-DDT	2.3 UJ	0.72	2.3	1.7	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0003-0001-SO	N	1	PCB-1016 (Arochlor 1016)	75 U	24	75	33	UG/KG
SW8082/NONE	072SB-0003-0001-SO	N	1	PCB-1221 (Arochlor 1221)	58 U	18	58	33	UG/KG
SW8082/NONE	072SB-0003-0001-SO	N	1	PCB-1232 (Arochlor 1232)	52 U	16	52	33	UG/KG
SW8082/NONE	072SB-0003-0001-SO	N	1	PCB-1242 (Arochlor 1242)	46 U	15	46	33	UG/KG
SW8082/NONE	072SB-0003-0001-SO	N	1	PCB-1248 (Arochlor 1248)	64 U	20	64	33	UG/KG
SW8082/NONE	072SB-0003-0001-SO	N	1	PCB-1254 (Arochlor 1254)	64 U	20	64	33	UG/KG
SW8082/NONE	072SB-0003-0001-SO	N	1	PCB-1260 (Arochlor 1260)	64 U	20	64	33	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reporting Anomalies

SDG Name: 240-18297-1_(72-77-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0014-0001-SO	N	1	PCB-1016 (Arochlor 1016)	74 U	24	74	33	UG/KG
SW8082/NONE	072SB-0014-0001-SO	N	1	PCB-1221 (Arochlor 1221)	57 U	18	57	33	UG/KG
SW8082/NONE	072SB-0014-0001-SO	N	1	PCB-1232 (Arochlor 1232)	51 U	16	51	33	UG/KG
SW8082/NONE	072SB-0014-0001-SO	N	1	PCB-1242 (Arochlor 1242)	46 U	15	46	33	UG/KG
SW8082/NONE	072SB-0014-0001-SO	N	1	PCB-1248 (Arochlor 1248)	63 U	19	63	33	UG/KG
SW8082/NONE	072SB-0014-0001-SO	N	1	PCB-1254 (Arochlor 1254)	63 U	19	63	33	UG/KG
SW8082/NONE	072SB-0014-0001-SO	N	1	PCB-1260 (Arochlor 1260)	63 U	19	63	33	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0001-0001-SO	N	1	Benzene	250 UJ	12	250	5	UG/KG
SW8260B/NONE	072SB-0001-0001-SO	N	1	Ethylbenzene	250 UJ	5.4	250	5	UG/KG
SW8260B/NONE	072SB-0001-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	250 UJ	7	250	5	UG/KG
SW8260B/NONE	072SB-0001-0001-SO	N	1	Toluene	250 UJ	17	250	5	UG/KG
SW8260B/NONE	072SB-0001-0001-SO	N	1	Xylenes, Total	500 UJ	8	500	10	UG/KG
SW8260B/NONE	072SB-0002-0001-SO	FD	1	Benzene	240 UJ	11	240	5	UG/KG
SW8260B/NONE	072SB-0002-0001-SO	FD	1	Ethylbenzene	240 UJ	5.1	240	5	UG/KG
SW8260B/NONE	072SB-0002-0001-SO	FD	1	tert-Butyl Methyl Ether (MTBE)	240 UJ	6.7	240	5	UG/KG
SW8260B/NONE	072SB-0002-0001-SO	FD	1	Toluene	240 UJ	16	240	5	UG/KG
SW8260B/NONE	072SB-0002-0001-SO	FD	1	Xylenes, Total	480 UJ	7.7	480	10	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,1,1-Trichloroethane	400 UJ	33	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,1,2,2-Tetrachloroethane	400 UJ	14	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,1,2-Trichloroethane	400 UJ	19	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,1-Dichloroethane	400 UJ	27	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,1-Dichloroethene	400 UJ	28	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,2-Dibromoethane (EDB)	400 UJ	16	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,2-Dichloroethane	400 UJ	16	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,2-Dichloroethene	790 UJ	13	790	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	1,2-Dichloropropane	400 UJ	13	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	2-Butanone (MEK)	1600 UJ	68	1600	20	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	2-Hexanone	1600 UJ	32	1600	20	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reporting Anomalies

SDG Name: 240-18297-1_(72-77-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	4-Methyl-2-pentanone (MIBK)	1600 UJ	76	1600	20	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Acetone	1600 UJ	270	1600	20	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Benzene	400 UJ	19	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Bromochloromethane	400 UJ	21	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Bromodichloromethane	400 UJ	16	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Bromoform	400 UJ	30	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Bromomethane	400 UJ	46	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Carbon Disulfide	400 UJ	19	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Carbon Tetrachloride	14000 J	10	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Chlorobenzene	400 UJ	10	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Chloroethane	400 UJ	96	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Chloroform	190 J	14	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Chloromethane	400 UJ	22	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	cis-1,3-Dichloropropene	400 UJ	12	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Dibromochloromethane	400 UJ	19	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Ethylbenzene	400 UJ	8.5	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Methylene Chloride	400 UJ	120	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Styrene	400 UJ	8.8	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	tert-Butyl Methyl Ether (MTBE)	400 UJ	11	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Tetrachloroethene (PCE)	400 UJ	19	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Toluene	400 UJ	27	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	trans-1,3-Dichloropropene	400 UJ	32	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Trichloroethene (TCE)	400 UJ	15	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Vinyl Chloride	400 UJ	28	400	5	UG/KG
SW8260B/NONE	072SB-0003-0001-SO	N	1.667	Xylenes, Total	790 UJ	13	790	10	UG/KG
SW8260B/NONE	072SB-0004-0001-SO	N	1	Benzene	230 UJ	11	230	5	UG/KG
SW8260B/NONE	072SB-0004-0001-SO	N	1	Ethylbenzene	230 UJ	4.9	230	5	UG/KG
SW8260B/NONE	072SB-0004-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	230 UJ	6.5	230	5	UG/KG
SW8260B/NONE	072SB-0004-0001-SO	N	1	Toluene	230 UJ	15	230	5	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Reporting Anomalies

SDG Name: 240-18297-1_(72-77-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0004-0001-SO	N	1	Xylenes, Total	450 UJ	7.4	450	10	UG/KG
SW8260B/NONE	072SB-0005-0001-SO	N	1	Benzene	220 UJ	10	220	5	UG/KG
SW8260B/NONE	072SB-0005-0001-SO	N	1	Ethylbenzene	220 UJ	4.7	220	5	UG/KG
SW8260B/NONE	072SB-0005-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	220 UJ	6.2	220	5	UG/KG
SW8260B/NONE	072SB-0005-0001-SO	N	1	Toluene	220 UJ	15	220	5	UG/KG
SW8260B/NONE	072SB-0005-0001-SO	N	1	Xylenes, Total	440 UJ	7.1	440	10	UG/KG
SW8260B/NONE	072SB-0006-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	072SB-0014-0001-SO	N	1	1,2-Dichloroethene	8.8 U	0.67	8.8	5	UG/KG
SW8260B/NONE	072SB-0017-0001-SO	N	1	Benzene	5.8 UJ	0.27	5.8	5	UG/KG
SW8260B/NONE	072SB-0017-0001-SO	N	1	Ethylbenzene	5.8 UJ	0.3	5.8	5	UG/KG
SW8260B/NONE	072SB-0017-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.8 UJ	0.5	5.8	5	UG/KG
SW8260B/NONE	072SB-0017-0001-SO	N	1	Toluene	5.8 UJ	0.31	5.8	5	UG/KG
SW8260B/NONE	072SB-0017-0001-SO	N	1	Xylenes, Total	12 UJ	0.77	12	10	UG/KG
SW8260B/NONE	072SB-0020-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0003-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0003-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	072SB-0003-0001-SO	N	1	Cresols, m & p	470 U	24	470	300	UG/KG
SW8270C/NONE	072SB-0003-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0014-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0014-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0014-0001-SO	N	1	Cresols, m & p	450 U	23	450	300	UG/KG
SW8270C/NONE	072SB-0014-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Worksheet

SDG Name: 240-18297-1_(72-77-SB)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?		N		ICV %R above QC criteria; all samples ND, no impact.
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?		N		
Was a field blank collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a duplicate sample prepared and analyzed with each batch?			•	Not Required
Was the duplicate RPD within QAPP acceptance limits?			•	Not Required
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Method: M8015D				

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: M8015V

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS Only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?		N		RPD for C6-C12 outside QC criteria; results for samples9/10 qualified.
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			
Method: SW6020				

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Ca detected in ICB. Al, Ca, Mn, and Se detected in CCBs, Al, Ca, Fe, and Mn detected in MB; No impact on samples.
Was a field blank collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	Y			
Was the ICS recovery within QAPP acceptance limits?	Y			Ba, Cd, Co, Cu, Mn, Ni, and Zn noted in ISCA as having values > MDLs. However, all values were below their CRQLs; no impact on data.
If a field duplicate was analyzed, were the RPDs within criteria?		N		As, Ba and Ca RPDs for samples 9/10 outside QC criteria. As all RPDs were good for samples 15/16, only As, Ba, and Ca results for samples 9/10 were qualified.
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			MS/Lab Duplicate Performed
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD within QAPP acceptance limits?		N		MS recoveries in samples 9 and 15 below QC criteria (<30%) for Sb. All Sb results (all detects) in package qualified as estimated. MS recoveries in sample 9 below QC criteria, with Ca below 30%, for Ca and K; results for sample 9 (all detects) qualified as estimated. Ca RPD for lab duplicate outside criteria for sample 9, impacted sample 9. As RPD for lab duplicate outside criteria for sample 15, impacted sample 15.
Was a serial dilution prepared and analyzed with each batch?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Was the serial dilution within QAPP acceptance limits?	Y				
Were sample concentrations within calibration range?	Y				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y				
Are all samples associated with QC non-compliances flagged appropriately?	Y				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y				
Method: SW7471A					
Review Questions	Yes	No	NA	Comment	
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y				
Were samples preserved properly and received in good condition?	Y				
Were holding times met?	Y				
Were sample receipt temperatures met?	Y				
Were QAPP specified RLs achieved?	Y				
Were all QAPP specified target analytes reported?	Y				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required	
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y				
Were ICV/CCV results within QAPP acceptance limits?	Y				
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y				
Was a method blank prepared and analyzed with each batch?	Y				
Were target analytes detected in the ICB/CCB/method blank?		N			
Was a field blank collected and analyzed?		N		Not Required	
Were target analytes reported in the field blank analyses above the MDL?			•		
Was the ICS recovery within QAPP acceptance limits?			•	Not Required	
If a field duplicate was analyzed, were the RPDs within criteria?	Y				
Was a LCS prepared and analyzed with each batch?	Y				
Were the LCS recoveries within QAPP acceptance limits?	Y				
Was a MS/MSD pair prepared with each batch?	Y			MS/Lab Duplicate Performed	
Is the MS/MSD parent sample the one designated by the sampling team?	Y				
Were the MS/MSD within QAPP acceptance limits?	Y				
Were sample concentrations within calibration range?	Y				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y				
Are all samples associated with QC non-compliances flagged appropriately?	Y				

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement? Y

Method: SW8081

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			Sample 11 TCX > QC criteria in confirmation column only; sample results ND, no impact. Surrogate recoveries poor for sample 11 MS/MSD (see below).
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Were the Breakdown products within QAPP acceptance limits?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD specifically requested for this analysis. Lab chose sample 17 to perform MS/MSD.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N		Numerous recoveries outside criteria in MS and/or MSD for sample 17. All sample 17 results except aldrin are impacted. All sample RPDs outside criteria except 4,4'-DDT, aldrin, and endrin ketone. All results except these compounds are impacted in sample 17.
Were all QAPP-specified target analytes reported?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?		•	No detections	
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: SW8082				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			•	Not Required
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Were the Breakdown products within QAPP acceptance limits?			•	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD specifically requested for this analysis. Lab chose sample 11 to perform MS/MSD.

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?		•		No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: SW8260B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			Sample 11 diluted X 1.667
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	PCE detected in MB < CRQL. No impact on data. 2-Hexanone detected in 2nd MB. Impacted sample 11 (changed result to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y	2 Trip blank submitted.
Were target analytes reported in the field blank analyses above the MDL?	Y	Acetone detected < CRQL in second TB; no impact on data.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		•
Was the duplicate RPD within QAPP acceptance limits?		•
Are all samples associated with QC non-compliances flagged appropriately?	Y	Acetone and 2-Hexanone recoveries below QC criteria in one MRL set; impacted results in samples 11 and 17
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were surrogate recoveries within QAPP acceptance limits?	N	Surrogate recoveries below QC criteria for samples 9, 10, 11, 12, 13, 15, 19, 20, and 21. Lab re-analyzed samples 9, 15, 19, 20, and 21 and confirmed surrogate issue, reporting original results. Insufficient sample to re-extract samples 10-13. All results for samples 9, 10, 11, 12, 13, 15, 19, 20, and 21 qualified/considered estimates.
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were instrument run logs present and filled out appropriately?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	

Method: SW8270C

Review Questions	Yes	No	NA	Comment

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	N	COC did not request PAHs for samples 9, 10, 12, 13, 15, 16, 18-22, but these samples were analyzed for PAHs.
Were samples preserved properly and received in good condition?	Y	
Were holding times met?	Y	
Were sample receipt temperatures met?	Y	
Were QAPP specified PQLs achieved?	Y	
Were all QAPP-specified target analytes reported?	Y	
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y	
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y	
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y	
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y	
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y	
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y	
If a linear regression curve was used, was the correlation coefficient within criteria?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria?	N	3,3'-DCB %D>20% in two ICVs; Samples 9, 10, 11 and 17 impacted.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Did the CCCs have a %Difference within QAPP acceptance limits?	Y	
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	BEHP detected in one MB; impacted results in samples 11 and 17 (changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	N	Not Required
Were target analytes reported in the field blank analyses above the MDL?		•
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits?		•	
Was the duplicate RPD within QAPP acceptance limits?		•	No Lab duplicate
Are all samples associated with QC non-compliances flagged appropriately?	Y		4,6-Dinitro-2-methylphenol, 2,4-dinitrophenol and 4-nitroaniline recoveries below QC criteria in one MRL set; impacted results for samples 11 and 17.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Was a MS/MSD pair prepared with each batch?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y		
Were surrogate recoveries within QAPP acceptance limits?		N	One acid surrogate recovered below QC limits for sample 15; no impact on data as only PAHs (base/neutral cmpds) reported.
Were reported sample concentrations within calibration range?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were instrument run logs present and filled out appropriately?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			CCVLs had results >20%; lab performed required corrective action.
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required

AUTOMATED DATA REVIEW SUMMARY for 240-18297-1_(72-77-SB)

Were target analytes reported in the field blank analyses above the MDL?		•	
Were surrogate recoveries within QAPP acceptance limits?	Y		
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y		Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?		•	No field duplicate submitted
Is the MS/MSD parent sample the one designated by the sampling team?	N		No MS/MSD specifically requested for this analysis. Lab chose sample 1 to perform MS/MSD.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y		
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?		•	All results ND
Did PDA spectra for reported compounds match associated standard spectra?		•	Not required
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

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WORKSHEET 3

Automated Data Review Summary for 240-18441-1

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AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor: ECC

SDG: 240-18441-1_(72-73-75-SB), Certified - 1/9/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer: Veronica Champagne

Data Reviewer Title: Senior QA Chemist

Date of Review Report: January 13, 2013

Samples Included in SDG 240-18441-1_(72-73-75-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	2		0	
M8015D/NONE	14		1	
M8015V/NONE	14		1	
SW6020/NONE	21		3	
SW7471A/NONE	22		3	
SW8081/NONE	2		0	
SW8082/NONE	2		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8260B/NONE	14	4	1	0
SW8270C/NONE	22		3	
SW8330B/NONE	2		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18441-1_(72-73-75-SB). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

- Field Blank
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD
- Material Blank
- Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 632 results (26.64%) out of the 2372 results (sample and field QC samples) reported are qualified based on review and 7 results (0.30%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

M8015V	
SW6020	
SW7471A	
SW8081	
SW8082	
SW8260B	
SW8270C	
SW8330B	

Reviewed by Veronica Champagne, Senior QA Chemist

13-Jan-2013

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
M	MS Recovery
N	Blank - No Action
O	ICS
P	Sample preservation/collection requirement not met.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reason and Comment Code Definitions

P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7694	7431	NA	LABQC	SQ	LABQC	MB 320-7372/1-B		1/1	17-Dec-2012 7:02 AM	17-Dec-2012 7:02 AM	18-Dec-2012 12:40 PM	LB
	7431	NA	LABQC	SQ	LABQC	LCS 320-7372/2-B		1/1	17-Dec-2012 7:02 AM	17-Dec-2012 7:02 AM	18-Dec-2012 12:42 PM	BS
	7431	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	17-Dec-2012 7:02 AM	18-Dec-2012 1:16 PM	N
	7431	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		1/1	04-Dec-2012 4:10 PM	17-Dec-2012 7:02 AM	18-Dec-2012 1:26 PM	N
Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68951	68574	NA	LABQC	SQ	LABQC	LCS 240-68574/8-A		1/1	13-Dec-2012 12:15 PM	13-Dec-2012 12:15 PM	17-Dec-2012 3:05 PM	BS
	68574	NA	72-1026-RV4-SB1	SO	072SB-0007-0001-SO	240-18441-1		1/1	04-Dec-2012 8:45 AM	13-Dec-2012 12:15 PM	17-Dec-2012 3:36 PM	N
	68574	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	13-Dec-2012 12:15 PM	17-Dec-2012 4:07 PM	N
	68574	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	13-Dec-2012 12:15 PM	17-Dec-2012 4:38 PM	MS
	68574	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	13-Dec-2012 12:15 PM	17-Dec-2012 5:08 PM	SD
	68574	NA	72-1026-RV4-SB3	SO	072SB-0009-0001-SO	240-18441-3		1/1	04-Dec-2012 9:24 AM	13-Dec-2012 12:15 PM	17-Dec-2012 5:39 PM	N
	68574	NA	LABQC	SQ	LABQC	MB 240-68574/7-A		1/1	14-Dec-2012 10:46 AM	14-Dec-2012 10:46 AM	17-Dec-2012 2:34 PM	LB
	68574	NA	LABQC	SQ	LABQC	MB 240-68574/7-A		1/1	14-Dec-2012 11:24 AM	14-Dec-2012 11:24 AM	17-Dec-2012 2:34 PM	LB
	68574	NA	LABQC	SQ	LABQC	LCS 240-68574/8-A		1/1	14-Dec-2012 11:24 AM	14-Dec-2012 11:24 AM	17-Dec-2012 3:05 PM	BS
69175	68764	NA	LABQC	SQ	LABQC	MB 240-68764/23-A		1/1	14-Dec-2012 11:52 AM	14-Dec-2012 11:52 AM	18-Dec-2012 12:37 PM	LB
	68764	NA	LABQC	SQ	LABQC	LCS 240-68764/24-A		1/1	14-Dec-2012 11:52 AM	14-Dec-2012 11:52 AM	18-Dec-2012 1:07 PM	BS
	68764	NA	72-1026-RV4-SB1	SO	072SB-0010-0001-SO	240-18441-4		1/1	04-Dec-2012 8:55 AM	14-Dec-2012 11:52 AM	18-Dec-2012 1:42 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69175	68764	NA	72-1026-R87-SB1	SO	072SB-0021-0001-SO	240-18441-6		1/1	04-Dec-2012 10:38 AM	14-Dec-2012 11:52 AM	18-Dec-2012 2:13 PM	N
	68764	NA	72-1026-R87-SB2	SO	072SB-0022-0001-SO	240-18441-7		1/1	04-Dec-2012 10:59 AM	14-Dec-2012 11:52 AM	18-Dec-2012 2:43 PM	N
	68764	NA	72-1026-R87-SB3	SO	072SB-0023-0001-SO	240-18441-8		1/1	04-Dec-2012 11:10 AM	14-Dec-2012 11:52 AM	18-Dec-2012 3:13 PM	N
	68764	NA	72-1026-R87-SB1	SO	072SB-0024-0001-SO	240-18441-9		1/1	04-Dec-2012 10:40 AM	14-Dec-2012 11:52 AM	18-Dec-2012 3:43 PM	N
	68764	NA	72-1026-R89-SB1	SO	072SB-0026-0001-SO	240-18441-11		1/1	04-Dec-2012 1:13 PM	14-Dec-2012 11:52 AM	18-Dec-2012 4:13 PM	N
	68764	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	14-Dec-2012 11:52 AM	18-Dec-2012 4:44 PM	MS
	68764	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	14-Dec-2012 11:52 AM	18-Dec-2012 5:14 PM	SD
	68764	NA	72-1026-R89-SB1	SO	072SB-0027-0001-SO	240-18441-12		1/1	04-Dec-2012 1:15 PM	14-Dec-2012 11:52 AM	18-Dec-2012 6:15 PM	FD
	68764	NA	72-1026-R89-SB2	SO	072SB-0028-0001-SO	240-18441-13		1/1	04-Dec-2012 1:43 PM	14-Dec-2012 11:52 AM	18-Dec-2012 6:45 PM	N
	68764	NA	72-1026-R89-SB3	SO	072SB-0029-0001-SO	240-18441-14		1/1	04-Dec-2012 2:00 PM	14-Dec-2012 11:52 AM	18-Dec-2012 7:15 PM	N
	68764	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	14-Dec-2012 11:52 AM	18-Dec-2012 7:45 PM	N
	68764	NA	72-1026-R89-SB5	SO	072SB-0031-0001-SO	240-18441-16		1/1	04-Dec-2012 1:35 PM	14-Dec-2012 11:52 AM	18-Dec-2012 8:16 PM	N
	68764	NA	72-1026-R89-SB5	SO	072SB-0032-0001-SO	240-18441-17		1/1	04-Dec-2012 1:33 PM	14-Dec-2012 11:52 AM	18-Dec-2012 8:46 PM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68680	68726	NA	72-1026-RV4-SB1	SO	072SB-0007-0001-SO	240-18441-1		1/1	04-Dec-2012 8:45 AM	05-Dec-2012 6:23 PM	14-Dec-2012 12:02 PM	N
	68726	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	05-Dec-2012 6:23 PM	14-Dec-2012 12:40 PM	N
	68726	NA	72-1026-RV4-SB3	SO	072SB-0009-0001-SO	240-18441-3		1/1	04-Dec-2012 9:24 AM	05-Dec-2012 6:23 PM	14-Dec-2012 1:17 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68680	68726	NA	72-1026-RV4-SB1	SO	072SB-0010-0001-SO	240-18441-4		1/1	04-Dec-2012 8:55 AM	05-Dec-2012 6:23 PM	14-Dec-2012 1:55 PM	N
	68726	NA	72-1026-R87-SB1	SO	072SB-0021-0001-SO	240-18441-6		1/1	04-Dec-2012 10:38 AM	05-Dec-2012 6:23 PM	14-Dec-2012 2:33 PM	N
	68726	NA	72-1026-R87-SB2	SO	072SB-0022-0001-SO	240-18441-7		1/1	04-Dec-2012 10:59 AM	05-Dec-2012 6:23 PM	14-Dec-2012 3:11 PM	N
	68726	NA	72-1026-R87-SB3	SO	072SB-0023-0001-SO	240-18441-8		1/1	04-Dec-2012 11:10 AM	05-Dec-2012 6:23 PM	14-Dec-2012 3:49 PM	N
	68726	NA	72-1026-R87-SB1	SO	072SB-0024-0001-SO	240-18441-9		1/1	04-Dec-2012 10:40 AM	05-Dec-2012 6:23 PM	14-Dec-2012 5:05 PM	N
	68726	NA	72-1026-R89-SB1	SO	072SB-0026-0001-SO	240-18441-11		1/1	04-Dec-2012 1:13 PM	05-Dec-2012 6:23 PM	14-Dec-2012 5:44 PM	N
	68726	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	05-Dec-2012 6:23 PM	14-Dec-2012 6:22 PM	MS
	68726	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	05-Dec-2012 6:23 PM	14-Dec-2012 7:00 PM	SD
	68726	NA	72-1026-R89-SB1	SO	072SB-0027-0001-SO	240-18441-12		1/1	04-Dec-2012 1:15 PM	05-Dec-2012 6:23 PM	14-Dec-2012 7:39 PM	FD
	68726	NA	72-1026-R89-SB2	SO	072SB-0028-0001-SO	240-18441-13		1/1	04-Dec-2012 1:43 PM	05-Dec-2012 6:23 PM	14-Dec-2012 8:17 PM	N
	68726	NA	72-1026-R89-SB3	SO	072SB-0029-0001-SO	240-18441-14		1/1	04-Dec-2012 2:00 PM	05-Dec-2012 6:23 PM	14-Dec-2012 8:55 PM	N
	68726	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	05-Dec-2012 6:23 PM	14-Dec-2012 9:34 PM	N
	68726	NA	72-1026-R89-SB5	SO	072SB-0031-0001-SO	240-18441-16		1/1	04-Dec-2012 1:35 PM	05-Dec-2012 6:23 PM	14-Dec-2012 10:12 PM	N
	68726	NA	72-1026-R89-SB5	SO	072SB-0032-0001-SO	240-18441-17		1/1	04-Dec-2012 1:33 PM	05-Dec-2012 6:23 PM	14-Dec-2012 10:49 PM	N
	NA	NA	LABQC	SQ	LABQC	MB 240-68680/7		1/1	14-Dec-2012 10:46 AM	14-Dec-2012 10:46 AM	14-Dec-2012 10:46 AM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-68680/8		1/1	14-Dec-2012 11:24 AM	14-Dec-2012 11:24 AM	14-Dec-2012 11:24 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59320	59173	NA	LABQC	SQ	LABQC	MB 180-59173/1-A		1/1	07-Dec-2012 1:14 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:20 PM	LB
	59173	NA	LABQC	SQ	LABQC	LCS 180-59173/2-A		1/1	07-Dec-2012 1:14 PM	07-Dec-2012 1:14 PM	23-Dec-2012 7:25 PM	BS
	59173	NA	72-1026-RV4-SB1	SO	072SB-0007-0001-SO	240-18441-1		1/1	04-Dec-2012 8:45 AM	07-Dec-2012 1:14 PM	23-Dec-2012 9:38 PM	N
	59173	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	07-Dec-2012 1:14 PM	23-Dec-2012 9:43 PM	N
	59173	NA	72-1026-RV4-SB3	SO	072SB-0009-0001-SO	240-18441-3		1/1	04-Dec-2012 9:24 AM	07-Dec-2012 1:14 PM	23-Dec-2012 9:47 PM	N
	59173	NA	72-1026-RV4-SB1	SO	072SB-0010-0001-SO	240-18441-4		1/1	04-Dec-2012 8:55 AM	07-Dec-2012 1:14 PM	23-Dec-2012 9:51 PM	N
	59173	NA	72-1026-R87-SB1	SO	072SB-0021-0001-SO	240-18441-6		1/1	04-Dec-2012 10:38 AM	07-Dec-2012 1:14 PM	23-Dec-2012 9:56 PM	N
	59173	NA	72-1026-R87-SB2	SO	072SB-0022-0001-SO	240-18441-7		1/1	04-Dec-2012 10:59 AM	07-Dec-2012 1:14 PM	23-Dec-2012 10:15 PM	N
	59173	NA	72-1026-R87-SB3	SO	072SB-0023-0001-SO	240-18441-8		1/1	04-Dec-2012 11:10 AM	07-Dec-2012 1:14 PM	23-Dec-2012 10:20 PM	N
	59173	NA	72-1026-RV4-SB1	SO	072SB-0007-0001-SO	240-18441-1		2/10	04-Dec-2012 8:45 AM	07-Dec-2012 1:14 PM	24-Dec-2012 1:29 AM	N
59603	59173	NA	72-1026-RV4-SB1	SO	072SB-0010-0001-SO	240-18441-4		2/10	04-Dec-2012 8:55 AM	07-Dec-2012 1:14 PM	27-Dec-2012 4:17 PM	N
	59173	NA	72-1026-R87-SB1	SO	072SB-0021-0001-SO	240-18441-6		2/10	04-Dec-2012 10:38 AM	07-Dec-2012 1:14 PM	27-Dec-2012 4:21 PM	N
	59173	NA	72-1026-R87-SB2	SO	072SB-0022-0001-SO	240-18441-7		2/10	04-Dec-2012 10:59 AM	07-Dec-2012 1:14 PM	27-Dec-2012 4:26 PM	N
	59173	NA	72-1026-R87-SB3	SO	072SB-0023-0001-SO	240-18441-8		2/10	04-Dec-2012 11:10 AM	07-Dec-2012 1:14 PM	27-Dec-2012 4:30 PM	N
59320	59174	NA	LABQC	SQ	LABQC	MB 180-59174/1-A		1/1	11-Dec-2012 10:50 AM	11-Dec-2012 10:50 AM	23-Dec-2012 10:27 PM	LB
	59174	NA	LABQC	SQ	LABQC	LCS 180-59174/2-A		1/1	11-Dec-2012 10:50 AM	11-Dec-2012 10:50 AM	23-Dec-2012 10:32 PM	BS
	59174	NA	72-1026-R89-SB1	SO	072SB-0026-0001-SO	240-18441-11		1/1	04-Dec-2012 1:13 PM	11-Dec-2012 10:50 AM	23-Dec-2012 10:39 PM	N
	59174	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	11-Dec-2012 10:50 AM	23-Dec-2012 10:48 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59320	59174	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	11-Dec-2012 10:50 AM	23-Dec-2012 10:52 PM	MS
	59174	NA	72-1026-R87-SB1	SO	072SB-0024-0001-SO	240-18441-9		1/1	04-Dec-2012 10:40 AM	11-Dec-2012 10:50 AM	23-Dec-2012 11:03 PM	N
	59174	NA	72-1026-R89-SB1	SO	072SB-0027-0001-SO	240-18441-12		1/1	04-Dec-2012 1:15 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:23 PM	FD
	59174	NA	72-1026-R89-SB2	SO	072SB-0028-0001-SO	240-18441-13		1/1	04-Dec-2012 1:43 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:27 PM	N
	59174	NA	72-1026-R89-SB3	SO	072SB-0029-0001-SO	240-18441-14		1/1	04-Dec-2012 2:00 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:32 PM	N
	59174	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:36 PM	N
	59174	NA	72-1026-R89-SB5	SO	072SB-0031-0001-SO	240-18441-16		1/1	04-Dec-2012 1:35 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:40 PM	N
	59174	NA	72-1026-R89-SB5	SO	072SB-0032-0001-SO	240-18441-17		1/1	04-Dec-2012 1:33 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:45 PM	N
	59174	NA	73-ECY-DU1-SB	SO	073SB-0007M-0001-SO	240-18441-21		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:49 PM	N
	59174	NA	73-ECY-DU1-SB	SO	073SB-0007M-0002-SO	240-18441-21DU		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 10:50 AM	23-Dec-2012 11:58 PM	SD
	59174	NA	73-ECY-DU1-SB	SO	073SB-0007M-0002-SO	240-18441-21MS		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:02 AM	MS
	59174	NA	73-ECY-DU1-SB	SO	073SB-0008M-0001-SO	240-18441-22		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:26 AM	FD
	59174	NA	73-ECY-DU1-SB1	SO	073SB-0009M-0001-SO	240-18441-23		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:30 AM	N
	59174	NA	73-ECY-DU1-SB1	SO	073SB-0010M-0001-SO	240-18441-24		1/1	04-Dec-2012 4:00 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:34 AM	FD
	59174	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		1/1	04-Dec-2012 4:10 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:39 AM	N
	59174	NA	73-ECY-DU1-SB3	SO	073SB-0012M-0001-SO	240-18441-26		1/1	04-Dec-2012 4:40 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:43 AM	N
	59174	NA	73-ECY-DU1-SB4	SO	073SB-0013M-0001-SO	240-18441-27		1/1	04-Dec-2012 5:00 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:47 AM	N
	59174	NA	73-ECY-DU1-SB5	SO	073SB-0014M-0001-SO	240-18441-28		1/1	04-Dec-2012 4:15 PM	11-Dec-2012 10:50 AM	24-Dec-2012 12:52 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59320	59174	NA	72-1026-R87-SB1	SO	072SB-0024-0001-SO	240-18441-9		2/10	04-Dec-2012 10:40 AM	11-Dec-2012 10:50 AM	24-Dec-2012 1:33 AM	N
59603	59175	NA	LABQC	SQ	LABQC	MB 180-59175/1-A		1/1	12-Dec-2012 12:22 PM	12-Dec-2012 12:22 PM	27-Dec-2012 4:38 PM	LB
	59175	NA	LABQC	SQ	LABQC	LCS 180-59175/2-A		1/1	12-Dec-2012 12:22 PM	12-Dec-2012 12:22 PM	27-Dec-2012 4:42 PM	BS
	59175	NA	73-ECY-DU1-SB5	SO	073SB-0015M-0001-SO	240-18441-29		1/1	04-Dec-2012 4:30 PM	12-Dec-2012 12:22 PM	27-Dec-2012 7:36 PM	N
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68192	NA	LABQC	SQ	LABQC	MB 240-68192/1-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:43 PM	LB
	68192	NA	LABQC	SQ	LABQC	LCS 240-68192/2-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 1:45 PM	BS
	68192	NA	72-1026-R87-SB2	SO	072SB-0022-0001-SO	240-18441-7		1/1	04-Dec-2012 10:59 AM	11-Dec-2012 3:45 PM	13-Dec-2012 1:59 PM	N
	68192	NA	72-1026-R87-SB1	SO	072SB-0021-0001-SO	240-18441-6		1/1	04-Dec-2012 10:38 AM	11-Dec-2012 3:45 PM	13-Dec-2012 2:06 PM	N
	68192	NA	72-1026-R87-SB3	SO	072SB-0023-0001-SO	240-18441-8		1/1	04-Dec-2012 11:10 AM	11-Dec-2012 3:45 PM	13-Dec-2012 2:10 PM	N
	68192	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	11-Dec-2012 3:45 PM	13-Dec-2012 2:12 PM	N
	68192	NA	72-1026-RV4-SB3	SO	072SB-0009-0001-SO	240-18441-3		1/1	04-Dec-2012 9:24 AM	11-Dec-2012 3:45 PM	13-Dec-2012 2:14 PM	N
	68192	NA	72-1026-RV4-SB1	SO	072SB-0007-0001-SO	240-18441-1		1/1	04-Dec-2012 8:45 AM	11-Dec-2012 3:45 PM	13-Dec-2012 2:16 PM	N
	68192	NA	72-1026-RV4-SB1	SO	072SB-0010-0001-SO	240-18441-4		1/1	04-Dec-2012 8:55 AM	11-Dec-2012 3:45 PM	13-Dec-2012 2:18 PM	N
	68177	NA	LABQC	SQ	LABQC	MB 240-68177/1-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:21 PM	LB
	68177	NA	LABQC	SQ	LABQC	LCS 240-68177/2-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:23 PM	BS
	68177	NA	72-1026-R89-SB1	SO	072SB-0026-0001-SO	240-18441-11		1/1	04-Dec-2012 1:13 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:25 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68177	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:27 PM	SD
	68177	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:29 PM	MS
	68177	NA	73-ECY-DU1-SB	SO	073SB-0007M-0001-SO	240-18441-21		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:35 PM	N
	68177	NA	73-ECY-DU1-SB	SO	073SB-0007M-0001-SO	240-18441-21		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:37 PM	SD
	68177	NA	73-ECY-DU1-SB	SO	073SB-0007M-0001-SO	240-18441-21		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:40 PM	MS
	68177	NA	73-ECY-DU1-SB4	SO	073SB-0013M-0001-SO	240-18441-27		1/1	04-Dec-2012 5:00 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:44 PM	N
	68177	NA	72-1026-R89-SB1	SO	072SB-0027-0001-SO	240-18441-12		1/1	04-Dec-2012 1:15 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:46 PM	FD
	68177	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		1/1	04-Dec-2012 4:10 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:48 PM	N
	68177	NA	73-ECY-DU1-SB3	SO	073SB-0012M-0001-SO	240-18441-26		1/1	04-Dec-2012 4:40 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:50 PM	N
	68177	NA	72-1026-R89-SB3	SO	072SB-0029-0001-SO	240-18441-14		1/1	04-Dec-2012 2:00 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:55 PM	N
	68177	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:03 PM	N
	68177	NA	72-1026-R87-SB1	SO	072SB-0024-0001-SO	240-18441-9		1/1	04-Dec-2012 10:40 AM	11-Dec-2012 3:45 PM	13-Dec-2012 8:05 PM	N
	68177	NA	72-1026-R89-SB2	SO	072SB-0028-0001-SO	240-18441-13		1/1	04-Dec-2012 1:43 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:07 PM	N
	68177	NA	72-1026-R89-SB5	SO	072SB-0032-0001-SO	240-18441-17		1/1	04-Dec-2012 1:33 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:09 PM	N
	68177	NA	72-1026-R89-SB5	SO	072SB-0031-0001-SO	240-18441-16		1/1	04-Dec-2012 1:35 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:11 PM	N
	68177	NA	73-ECY-DU1-SB1	SO	073SB-0009M-0001-SO	240-18441-23		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:13 PM	N
	68177	NA	73-ECY-DU1-SB5	SO	073SB-0014M-0001-SO	240-18441-28		1/1	04-Dec-2012 4:15 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:15 PM	N
	68177	NA	73-ECY-DU1-SB	SO	073SB-0008M-0001-SO	240-18441-22		1/1	04-Dec-2012 4:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:17 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68177	NA	73-ECY-DU1-SB1	SO	073SB-0010M-0001-SO	240-18441-24		1/1	04-Dec-2012 4:00 PM	11-Dec-2012 3:45 PM	13-Dec-2012 8:19 PM	FD
	68388	NA	73-ECY-DU1-SB5	SO	073SB-0015M-0001-SO	240-18441-29		1/1	04-Dec-2012 4:30 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:04 PM	N
	68388	NA	75-GRTP-DU1-SB1	SO	075SB-0001-0001-SO	240-18441-20		1/1	04-Dec-2012 2:30 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:08 PM	N
	68388	NA	LABQC	SQ	LABQC	MB 240-68388/1-A		1/1	13-Dec-2012 1:58 AM	13-Dec-2012 1:58 AM	13-Dec-2012 8:28 PM	LB
	68388	NA	LABQC	SQ	LABQC	LCS 240-68388/2-A		1/1	13-Dec-2012 1:58 AM	13-Dec-2012 1:58 AM	13-Dec-2012 8:29 PM	BS
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68628	68407	NA	LABQC	SQ	LABQC	LCS 240-68407/9-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 4:26 AM	BS
	68407	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	12-Dec-2012 2:20 PM	14-Dec-2012 6:44 AM	N
	68407	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		1/1	04-Dec-2012 4:10 PM	12-Dec-2012 2:20 PM	14-Dec-2012 7:12 AM	N
	68407	NA	LABQC	SQ	LABQC	MB 240-68407/10-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 8:33 AM	LB
Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68676	68401	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	12-Dec-2012 1:49 PM	14-Dec-2012 7:05 AM	N
	68401	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		1/1	04-Dec-2012 4:10 PM	12-Dec-2012 1:49 PM	14-Dec-2012 7:21 AM	N
	68401	NA	LABQC	SQ	LABQC	MB 240-68401/24-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 8:08 AM	LB
	68401	NA	LABQC	SQ	LABQC	LCS 240-68401/23-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 11:16 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68264	67686	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	05-Dec-2012 6:23 PM	12-Dec-2012 3:18 AM	N
	67686	NA	72-1026-RV4-SB1	SO	072SB-0010-0001-SO	240-18441-4		1/1	04-Dec-2012 8:55 AM	05-Dec-2012 6:23 PM	12-Dec-2012 4:00 AM	N
	67686	NA	72-1026-R87-SB1	SO	072SB-0021-0001-SO	240-18441-6		1/1	04-Dec-2012 10:38 AM	05-Dec-2012 6:23 PM	12-Dec-2012 4:21 AM	N
	67686	NA	72-1026-R87-SB2	SO	072SB-0022-0001-SO	240-18441-7		1/1	04-Dec-2012 10:59 AM	05-Dec-2012 6:23 PM	12-Dec-2012 4:43 AM	N
	67686	NA	72-1026-R87-SB3	SO	072SB-0023-0001-SO	240-18441-8		1/1	04-Dec-2012 11:10 AM	05-Dec-2012 6:23 PM	12-Dec-2012 5:04 AM	N
	67686	NA	72-1026-R87-SB1	SO	072SB-0024-0001-SO	240-18441-9		1/1	04-Dec-2012 10:40 AM	05-Dec-2012 6:23 PM	12-Dec-2012 5:25 AM	N
	67686	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	05-Dec-2012 6:23 PM	12-Dec-2012 5:46 AM	N
	67686	NA	72-1026-RV4-SB1	SO	072SB-0007-0001-SO	240-18441-1		1/1	04-Dec-2012 8:45 AM	05-Dec-2012 6:23 PM	12-Dec-2012 6:08 AM	N
	67686	NA	72-1026-RV4-SB3	SO	072SB-0009-0001-SO	240-18441-3		1/1	04-Dec-2012 9:24 AM	05-Dec-2012 6:23 PM	12-Dec-2012 6:50 AM	N
68453	67686	NA	72-1026-R89-SB1	SO	072SB-0026-0001-SO	240-18441-11		1/1	04-Dec-2012 1:13 PM	05-Dec-2012 6:23 PM	13-Dec-2012 2:53 AM	N
	67686	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	05-Dec-2012 6:23 PM	13-Dec-2012 3:14 AM	MS
	67686	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	05-Dec-2012 6:23 PM	13-Dec-2012 3:35 AM	SD
	67686	NA	72-1026-R89-SB1	SO	072SB-0027-0001-SO	240-18441-12		1/1	04-Dec-2012 1:15 PM	05-Dec-2012 6:23 PM	13-Dec-2012 3:57 AM	FD
	67686	NA	72-1026-R89-SB5	SO	072SB-0031-0001-SO	240-18441-16		1/1	04-Dec-2012 1:35 PM	05-Dec-2012 6:23 PM	13-Dec-2012 5:01 AM	N
	67686	NA	72-1026-R89-SB5	SO	072SB-0032-0001-SO	240-18441-17		1/1	04-Dec-2012 1:33 PM	05-Dec-2012 6:23 PM	13-Dec-2012 5:22 AM	N
	67686	NA	72-1026-R89-SB2	SO	072SB-0028-0001-SO	240-18441-13		1/1	04-Dec-2012 1:43 PM	05-Dec-2012 6:23 PM	13-Dec-2012 11:02 AM	N
	67686	NA	72-1026-R89-SB3	SO	072SB-0029-0001-SO	240-18441-14		1/1	04-Dec-2012 2:00 PM	05-Dec-2012 6:23 PM	13-Dec-2012 11:23 AM	N
68264	NA	NA	LABQC	SQ	LABQC	LCS 240-68264/5		1/1	12-Dec-2012 12:01 AM	12-Dec-2012 12:01 AM	12-Dec-2012 12:01 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68264	NA	NA	LABQC	SQ	LABQC	MB 240-68264/7		1/1	12-Dec-2012 12:43 AM	12-Dec-2012 12:43 AM	12-Dec-2012 12:43 AM	LB
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	MB 240-68395/6		1/1	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	LB
	68395	NA	72-1026-R87-SB3	WG	072SB-0025-0001-TB	240-18441-10		1/1	04-Dec-2012 8:00 AM	12-Dec-2012 3:09 PM	12-Dec-2012 3:09 PM	N
	68395	NA	72-1026-R89-SB3	WG	072SB-0033-0001-TB	240-18441-18		1/1	04-Dec-2012 8:00 AM	12-Dec-2012 3:32 PM	12-Dec-2012 3:32 PM	N
	68395	NA	72-1026-R89-SB4	WG	072SB-0034-0001-TB	240-18441-19		1/1	04-Dec-2012 8:00 AM	12-Dec-2012 3:55 PM	12-Dec-2012 3:55 PM	N
	68395	NA	72-1026-RV4-SB3	WG	072SB-0011-0001-TB	240-18441-30		1/1	04-Dec-2012 8:00 AM	12-Dec-2012 5:26 PM	12-Dec-2012 5:26 PM	N
68453	NA	NA	LABQC	SQ	LABQC	LCS 240-68453/6		1/1	13-Dec-2012 1:58 AM	13-Dec-2012 1:58 AM	13-Dec-2012 1:58 AM	BS
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	13-Dec-2012 1:58 AM	13-Dec-2012 1:58 AM	13-Dec-2012 1:15 PM	BS
68453	NA	NA	LABQC	SQ	LABQC	MB 240-68453/7		1/1	13-Dec-2012 2:20 AM	13-Dec-2012 2:20 AM	13-Dec-2012 2:20 AM	LB
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	13-Dec-2012 2:20 AM	13-Dec-2012 2:20 AM	13-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	14-Dec-2012 10:46 AM	14-Dec-2012 10:46 AM	14-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	14-Dec-2012 11:24 AM	14-Dec-2012 11:24 AM	14-Dec-2012 1:15 PM	BS
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68844	68575	NA	LABQC	SQ	LABQC	MB 240-68575/11-A		1/1	13-Dec-2012 12:18 PM	13-Dec-2012 12:18 PM	15-Dec-2012 12:53 PM	LB
	68575	NA	LABQC	SQ	LABQC	LCS 240-68575/12-A		1/1	13-Dec-2012 12:18 PM	13-Dec-2012 12:18 PM	15-Dec-2012 1:18 PM	BS
	68575	NA	72-1026-RV4-SB1	SO	072SB-0007-0001-SO	240-18441-1		1/1	04-Dec-2012 8:45 AM	13-Dec-2012 12:18 PM	15-Dec-2012 5:01 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1 (72-73-75-SB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68844	68575	NA	72-1026-RV4-SB2	SO	072SB-0008-0001-SO	240-18441-2		1/1	04-Dec-2012 9:14 AM	13-Dec-2012 12:18 PM	15-Dec-2012 5:26 PM	N
	68575	NA	72-1026-RV4-SB3	SO	072SB-0009-0001-SO	240-18441-3		1/1	04-Dec-2012 9:24 AM	13-Dec-2012 12:18 PM	15-Dec-2012 5:51 PM	N
	68575	NA	72-1026-RV4-SB1	SO	072SB-0010-0001-SO	240-18441-4		1/1	04-Dec-2012 8:55 AM	13-Dec-2012 12:18 PM	15-Dec-2012 6:16 PM	N
69146	68752	NA	LABQC	SQ	LABQC	LCS 240-68752/24-A		1/1	14-Dec-2012 11:37 AM	14-Dec-2012 11:37 AM	18-Dec-2012 12:45 PM	BS
	68752	NA	LABQC	SQ	LABQC	MB 240-68752/23-A		1/1	14-Dec-2012 11:37 AM	14-Dec-2012 11:37 AM	18-Dec-2012 1:08 PM	LB
	68752	NA	72-1026-R89-SB1	SO	072SB-0027-0001-SO	240-18441-12		1/1	04-Dec-2012 1:15 PM	14-Dec-2012 11:37 AM	18-Dec-2012 3:28 PM	FD
	68752	NA	72-1026-R89-SB2	SO	072SB-0028-0001-SO	240-18441-13		1/1	04-Dec-2012 1:43 PM	14-Dec-2012 11:37 AM	18-Dec-2012 3:52 PM	N
	68752	NA	72-1026-R89-SB3	SO	072SB-0029-0001-SO	240-18441-14		1/1	04-Dec-2012 2:00 PM	14-Dec-2012 11:37 AM	18-Dec-2012 4:15 PM	N
	68752	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	14-Dec-2012 11:37 AM	18-Dec-2012 4:38 PM	N
	68752	NA	72-1026-R89-SB5	SO	072SB-0031-0001-SO	240-18441-16		1/1	04-Dec-2012 1:35 PM	14-Dec-2012 11:37 AM	18-Dec-2012 5:02 PM	N
	68752	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-17		1/1	04-Dec-2012 1:14 PM	14-Dec-2012 11:37 AM	18-Dec-2012 5:25 PM	N
	68752	NA	72-1026-R89-SB5	SO	072SB-0032-0001-SO	240-18441-17		1/1	04-Dec-2012 1:33 PM	14-Dec-2012 11:37 AM	18-Dec-2012 5:25 PM	N
	68752	NA	73-ECY-DU1-SB	SO	073SB-0007M-0001-SO	240-18441-21		1/5	04-Dec-2012 4:45 PM	14-Dec-2012 11:37 AM	18-Dec-2012 5:49 PM	N
	68752	NA	73-ECY-DU1-SB	SO	073SB-0007M-0001-SO	240-18441-21		1/5	04-Dec-2012 4:45 PM	14-Dec-2012 11:37 AM	18-Dec-2012 6:12 PM	MS
	68752	NA	73-ECY-DU1-SB	SO	073SB-0007M-0001-SO	240-18441-21		1/5	04-Dec-2012 4:45 PM	14-Dec-2012 11:37 AM	18-Dec-2012 6:35 PM	SD
	68752	NA	73-ECY-DU1-SB	SO	073SB-0008M-0001-SO	240-18441-22		1/5	04-Dec-2012 4:45 PM	14-Dec-2012 11:37 AM	18-Dec-2012 6:59 PM	FD
	68752	NA	73-ECY-DU1-SB1	SO	073SB-0009M-0001-SO	240-18441-23		1/5	04-Dec-2012 4:45 PM	14-Dec-2012 11:37 AM	18-Dec-2012 7:22 PM	N
	68752	NA	73-ECY-DU1-SB1	SO	073SB-0010M-0001-SO	240-18441-24		1/5	04-Dec-2012 4:00 PM	14-Dec-2012 11:37 AM	18-Dec-2012 7:45 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69146	68752	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		1/5	04-Dec-2012 4:10 PM	14-Dec-2012 11:37 AM	18-Dec-2012 8:09 PM	N
	68752	NA	73-ECY-DU1-SB3	SO	073SB-0012M-0001-SO	240-18441-26		1/5	04-Dec-2012 4:40 PM	14-Dec-2012 11:37 AM	18-Dec-2012 8:32 PM	N
	68752	NA	73-ECY-DU1-SB4	SO	073SB-0013M-0001-SO	240-18441-27		1/5	04-Dec-2012 5:00 PM	14-Dec-2012 11:37 AM	18-Dec-2012 8:56 PM	N
69733	68752	NA	73-ECY-DU1-SB5	SO	073SB-0014M-0001-SO	240-18441-28		1/1	04-Dec-2012 4:15 PM	14-Dec-2012 11:37 AM	21-Dec-2012 3:31 PM	N
	68752	NA	73-ECY-DU1-SB5	SO	073SB-0015M-0001-SO	240-18441-29		1/1	04-Dec-2012 4:30 PM	14-Dec-2012 11:37 AM	21-Dec-2012 3:54 PM	N
69908	68758	NA	LABQC	SQ	LABQC	MB 240-68758/23-A		1/1	14-Dec-2012 11:47 AM	14-Dec-2012 11:47 AM	22-Dec-2012 1:58 PM	LB
	68758	NA	LABQC	SQ	LABQC	LCS 240-68758/24-A		1/1	14-Dec-2012 11:47 AM	14-Dec-2012 11:47 AM	22-Dec-2012 2:23 PM	BS
	68758	NA	72-1026-R87-SB1	SO	072SB-0021-0001-SO	240-18441-6		1/1	04-Dec-2012 10:38 AM	14-Dec-2012 11:47 AM	22-Dec-2012 5:42 PM	N
	68758	NA	72-1026-R87-SB2	SO	072SB-0022-0001-SO	240-18441-7		1/1	04-Dec-2012 10:59 AM	14-Dec-2012 11:47 AM	22-Dec-2012 6:07 PM	N
	68758	NA	72-1026-R87-SB3	SO	072SB-0023-0001-SO	240-18441-8		1/1	04-Dec-2012 11:10 AM	14-Dec-2012 11:47 AM	22-Dec-2012 6:31 PM	N
	68758	NA	72-1026-R87-SB1	SO	072SB-0024-0001-SO	240-18441-9		1/1	04-Dec-2012 10:40 AM	14-Dec-2012 11:47 AM	22-Dec-2012 6:56 PM	N
	68758	NA	72-1026-R89-SB1	SO	072SB-0026-0001-SO	240-18441-11		1/1	04-Dec-2012 1:13 PM	14-Dec-2012 11:47 AM	22-Dec-2012 7:21 PM	N
	68758	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	14-Dec-2012 11:47 AM	22-Dec-2012 7:21 PM	MS
	68758	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	14-Dec-2012 11:47 AM	22-Dec-2012 7:46 PM	MS
	68758	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		1/1	04-Dec-2012 1:14 PM	14-Dec-2012 11:47 AM	22-Dec-2012 8:11 PM	SD
70417	69432	NA	LABQC	SQ	LABQC	MB 240-69432/23-A		1/1	19-Dec-2012 1:03 PM	19-Dec-2012 1:03 PM	28-Dec-2012 11:25 AM	LB
	69432	NA	LABQC	SQ	LABQC	LCS 240-69432/24-A		1/1	19-Dec-2012 1:03 PM	19-Dec-2012 1:03 PM	28-Dec-2012 11:48 AM	BS
69988	69569	NA	LABQC	SQ	LABQC	MB 240-69569/23-A		1/1	20-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 11:20 AM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69988	69569	NA	LABQC	SQ	LABQC	LCS 240-69569/24-A		1/1	20-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 11:45 AM	BS
	69569	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-17		2/1	04-Dec-2012 1:14 PM	20-Dec-2012 9:55 AM	24-Dec-2012 1:00 PM	N
	69569	NA	72-1026-R89-SB5	SO	072SB-0032-0001-SO	240-18441-17		2/1	04-Dec-2012 1:33 PM	20-Dec-2012 9:55 AM	24-Dec-2012 1:00 PM	N
	69569	NA	72-1026-R89-SB2	SO	072SB-0028-0001-SO	240-18441-13		2/1	04-Dec-2012 1:43 PM	20-Dec-2012 9:55 AM	24-Dec-2012 1:25 PM	N
70417	70100	NA	LABQC	SQ	LABQC	MB 240-70100/14-A		1/1	26-Dec-2012 10:03 AM	26-Dec-2012 10:03 AM	28-Dec-2012 12:11 PM	LB
	70100	NA	LABQC	SQ	LABQC	LCS 240-70100/15-A		1/1	26-Dec-2012 10:03 AM	26-Dec-2012 10:03 AM	28-Dec-2012 12:34 PM	BS
	70100	NA	72-1026-R89-SB1	SO	072SB-0026-0001-SO	240-18441-11		2/1	04-Dec-2012 1:13 PM	26-Dec-2012 10:03 AM	28-Dec-2012 1:44 PM	N
	70100	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		2/1	04-Dec-2012 1:14 PM	26-Dec-2012 10:03 AM	28-Dec-2012 1:44 PM	SD
	70100	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		2/1	04-Dec-2012 1:14 PM	26-Dec-2012 10:03 AM	28-Dec-2012 2:07 PM	MS
	70100	NA	72-1026-R89-SB1	SO	072SB-0026-0002-SO	240-18441-11		2/1	04-Dec-2012 1:14 PM	26-Dec-2012 10:03 AM	28-Dec-2012 2:30 PM	SD
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7319	NA	LABQC	SQ	LABQC	MB 320-7319/1-A		1/1	13-Dec-2012 8:56 AM	13-Dec-2012 8:56 AM	21-Dec-2012 12:35 AM	LB
	7319	NA	LABQC	SQ	LABQC	LCS 320-7319/2-A		1/1	13-Dec-2012 8:56 AM	13-Dec-2012 8:56 AM	21-Dec-2012 1:16 AM	BS
	7319	NA	72-1026-R89-SB4	SO	072SB-0030-0001-SO	240-18441-15		1/1	04-Dec-2012 1:50 PM	13-Dec-2012 8:56 AM	21-Dec-2012 10:41 AM	N
	7319	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		1/1	04-Dec-2012 4:10 PM	13-Dec-2012 8:56 AM	21-Dec-2012 11:21 AM	N
7855	7352	NA	LABQC	SQ	LABQC	MB 320-7352/1-A		1/1	13-Dec-2012 2:20 PM	13-Dec-2012 2:20 PM	26-Dec-2012 3:41 PM	LB
	7352	NA	LABQC	SQ	LABQC	LCS 320-7352/2-A		1/1	13-Dec-2012 2:20 PM	13-Dec-2012 2:20 PM	26-Dec-2012 3:56 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7855	7352	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18441-25		2/1	04-Dec-2012 4:10 PM	13-Dec-2012 2:20 PM	26-Dec-2012 7:31 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
M8015V / SW3550B/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Petroleum Hydrocarbons C6- C12	35.0 (PERCENT)	J/UJ	60 - 142	30 - 142	M			
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Aluminum	0.73 (MG/KG)	U/None	< 0.28	< 3	L		1	0.733
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Calcium	1.5 (MG/KG)	U/None	< 1.3	< 10	L		1	1.52
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Iron	2.1 (MG/KG)	U/None	< 1.1	< 5	L		1	2.10
SW6020 / SW3050B/NONE	Blank	MB 180-59173/1-A (LB) / MB 180-59173/1-A	1 / 1.00	Manganese	0.022 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0221
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Aluminum	0.44 (MG/KG)	U/None	< 0.28	< 3	L		1	0.440
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Barium	0.012 (MG/KG)	U/None	< 0.011	< 1	L		1	0.0116
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Calcium	1.6 (MG/KG)	U/None	< 1.3	< 10	L		1	1.55
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Copper	0.035 (MG/KG)	U/None	< 0.033	< 0.2	L		1	0.0353
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Iron	2.4 (MG/KG)	U/None	< 1.1	< 5	L		1	2.35
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Manganese	0.047 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0471
SW6020 / SW3050B/NONE	Blank	MB 180-59175/1-A (LB) / MB 180-59175/1-A	1 / 1.00	Aluminum	0.34 (MG/KG)	U/None	< 0.28	< 3	L		1	0.337
SW6020 / SW3050B/NONE	Blank	MB 180-59175/1-A (LB) / MB 180-59175/1-A	1 / 1.00	Calcium	2.6 (MG/KG)	U/None	< 1.3	< 10	L		1	2.62
SW7471A / TOTAL/NONE	MS Recovery	073SB-0007M-0001-SO (SD) / 240-18441-21	1 / 1.00	Mercury	16.8 (PERCENT)	J/R	80 - 120	30 - 125	M	Spike amount Insignificant	4.00	
SW8260B / SW5030B/NONE	Blank	MB 240-68395/6 (LB) / MB 240-68395/6	1 / 1.00	Methylene Chloride	0.69 (UG/L)	U/None	< 0.33	< 1	L		2	1.38
SW8260B / SW5035/NONE	Blank	MB 240-68264/7 (LB) / MB 240-68264/7	1 / 1.00	2-Hexanone	0.72 (UG/KG)	U/None	< 0.63	< 20	L		1	0.718
SW8260B / SW5035/NONE	Surrogate	072SB-0007-0001-SO (N) / 240-18441-1	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	77.3 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0007-0001-SO (N) / 240-18441-1	1 / 1.00	Dibromofluoromethane	84.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0008-0001-SO (N) / 240-18441-2	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	81.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8260B / SW5035/NONE	Surrogate	072SB-0009-0001-SO (N) / 240-18441-3	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	83.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0010-0001-SO (N) / 240-18441-4	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	84.7 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0010-0001-SO (N) / 240-18441-4	1 / 1.00	Dibromofluoromethane	83.1 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0022-0001-SO (N) / 240-18441-7	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	84.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0023-0001-SO (N) / 240-18441-8	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	77.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0023-0001-SO (N) / 240-18441-8	1 / 1.00	Dibromofluoromethane	83.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0024-0001-SO (N) / 240-18441-9	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	79.2 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0026-0001-SO (N) / 240-18441-11	1 / 1.00	1,2-Dichloroethane-d4	64.5 (PERCENT)	J/UJ	70 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0026-0001-SO (N) / 240-18441-11	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	46.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0026-0001-SO (N) / 240-18441-11	1 / 1.00	Dibromofluoromethane	64.5 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0026-0001-SO (N) / 240-18441-11	1 / 1.00	Toluene-d8	72.3 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0027-0001-SO (FD) / 240-18441-12	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	52.3 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0027-0001-SO (FD) / 240-18441-12	1 / 1.00	Dibromofluoromethane	75.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0029-0001-SO (N) / 240-18441-14	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	64.2 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0029-0001-SO (N) / 240-18441-14	1 / 1.00	Dibromofluoromethane	84.9 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0030-0001-SO (N) / 240-18441-15	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	59.1 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0032-0001-SO (N) / 240-18441-17	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	49.8 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0032-0001-SO (N) / 240-18441-17	1 / 1.00	Dibromofluoromethane	77.9 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8270C / SW3550/NONE	Blank	MB 240-69432/23-A (LB) / MB 240-69432/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	22.5 (UG/KG)	U/None	< 19	< 50	L		5	113

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	1,2,4-Trichlorobenzene	12.4 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	1,2,4-Trichlorobenzene	5.0 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	1,2-Dichlorobenzene	11.0 (PERCENT)	J/UJ	45 - 100	45 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	1,2-Dichlorobenzene	19.5 (PERCENT)	J/UJ	45 - 100	45 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	1,3-Dichlorobenzene	12.3 (PERCENT)	J/UJ	40 - 100	40 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	1,3-Dichlorobenzene	14.0 (PERCENT)	J/UJ	40 - 100	40 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	1,4-Dichlorobenzene	20.4 (PERCENT)	J/UJ	35 - 105	35 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	1,4-Dichlorobenzene	27.1 (PERCENT)	J/UJ	35 - 105	35 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2,4,5-Trichlorophenol	12.3 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2,4,5-Trichlorophenol	5.0 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2,4,6-Trichlorophenol	1.5 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2,4,6-Trichlorophenol	16.8 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2,4-Dichlorophenol	-7.4 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2,4-Dichlorophenol	39.8 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2,4-Dimethylphenol	-51.9 (PERCENT)	J/UJ	30 - 105	30 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2,4-Dimethylphenol	13.9 (PERCENT)	J/UJ	30 - 105	30 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2,4-Dinitrophenol	11.9 (PERCENT)	J/UJ	15 - 130	15 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2,4-Dinitrotoluene	18.5 (PERCENT)	J/UJ	50 - 115	50 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2,4-Dinitrotoluene	5.3 (PERCENT)	J/UJ	50 - 115	50 - 115	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2,6-Dinitrotoluene	14.8 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2,6-Dinitrotoluene	6.2 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2-Chloronaphthalene	-2.2 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2-Chloronaphthalene	5.0 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2-Chlorophenol	15.7 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2-Chlorophenol	30.5 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2-Methylnaphthalene	-19.8 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2-Methylnaphthalene	28.6 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2-Methylphenol (o-Cresol)	30.8 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2-Methylphenol (o-Cresol)	8.9 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2-Nitroaniline	10.8 (PERCENT)	J/UJ	45 - 120	45 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2-Nitroaniline	12.1 (PERCENT)	J/UJ	45 - 120	45 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	2-Nitrophenol	33.2 (PERCENT)	J/UJ	40 - 110	40 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	2-Nitrophenol	9.4 (PERCENT)	J/UJ	40 - 110	40 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	3,3'-Dichlorobenzidine	-25.8 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	3,3'-Dichlorobenzidine	-32.2 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	3-Nitroaniline	-15.4 (PERCENT)	J/UJ	25 - 110	25 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	3-Nitroaniline	8.8 (PERCENT)	J/UJ	25 - 110	25 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	4,6-Dinitro-2-Methylphenol	14.4 (PERCENT)	J/UJ	30 - 135	30 - 135	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	4,6-Dinitro-2-Methylphenol	21.8 (PERCENT)	J/UJ	30 - 135	30 - 135	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	4-Bromophenyl phenyl ether	2.1 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	4-Bromophenyl phenyl ether	4.0 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	4-Chloro-3-Methylphenol	18.0 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	4-Chloro-3-Methylphenol	31.8 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	4-Chloroaniline	-0.70 (PERCENT)	J/UJ	10 - 100	10 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	4-Chloroaniline	-8.6 (PERCENT)	J/UJ	10 - 100	10 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	4-Chlorophenyl Phenyl Ether	0.34 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	4-Chlorophenyl Phenyl Ether	10.1 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	4-Nitroaniline	-33.2 (PERCENT)	J/UJ	35 - 115	35 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	4-Nitroaniline	-43.1 (PERCENT)	J/UJ	35 - 115	35 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	4-Nitrophenol	-7.1 (PERCENT)	J/UJ	15 - 140	15 - 140	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	4-Nitrophenol	3.3 (PERCENT)	J/UJ	15 - 140	15 - 140	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Acenaphthene	-1.6 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Acenaphthene	-6.2 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Acenaphthylene	-5.1 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Acenaphthylene	8.8 (PERCENT)	J/UJ	45 - 105	45 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Anthracene	-5.7 (PERCENT)	J/UJ	55 - 105	55 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Anthracene	-8.9 (PERCENT)	J/UJ	55 - 105	55 - 105	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Benzo(a)anthracene	18.6 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Benzo(a)anthracene	3.0 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Benzo(a)pyrene	18.9 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Benzo(a)pyrene	21.6 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Benzo(b)fluoranthene	14.3 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Benzo(b)fluoranthene	26.0 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Benzo(g,h,i)perylene	-18.6 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Spike amount Insignificant	4.00	
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Benzo(g,h,i)perylene	7.4 (PERCENT)	J/UJ	40 - 125	40 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Benzo(k)fluoranthene	36.9 (PERCENT)	J/UJ	45 - 125	45 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Benzo(k)fluoranthene	43.7 (PERCENT)	J/UJ	45 - 125	45 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Benzyl alcohol	19.4 (PERCENT)	J/UJ	20 - 125	20 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Benzyl butyl phthalate	18.1 (PERCENT)	J/UJ	50 - 125	50 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Benzyl butyl phthalate	42.9 (PERCENT)	J/UJ	50 - 125	50 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	bis(2-Chloroethoxy) Methane	19.1 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	bis(2-Chloroethoxy) Methane	9.8 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	bis(2-Chloroethyl) Ether (2- Chloroethyl Ether)	15.4 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	bis(2-Chloroethyl) Ether (2- Chloroethyl Ether)	17.1 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	bis(2-Chloroisopropyl) Ether	14.2 (PERCENT)	J/UJ	20 - 115	20 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	bis(2-Ethylhexyl) Phthalate	36.4 (PERCENT)	J/UJ	45 - 125	45 - 125	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	bis(2-Ethylhexyl) Phthalate	4.8 (PERCENT)	J/UJ	45 - 125	45 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Carbazole	10.9 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Carbazole	6.9 (PERCENT)	J/UJ	45 - 115	45 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Chrysene	-6.7 (PERCENT)	J/UJ	55 - 110	55 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Chrysene	12.1 (PERCENT)	J/UJ	55 - 110	55 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Cresols, m & p	15.7 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Cresols, m & p	35.1 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Dibenz(a,h)anthracene	-1.4 (PERCENT)	J/UJ	40 - 125	40 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Dibenz(a,h)anthracene	1.8 (PERCENT)	J/UJ	40 - 125	40 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Dibenzofuran	1.7 (PERCENT)	J/UJ	50 - 105	50 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Dibenzofuran	7.2 (PERCENT)	J/UJ	50 - 105	50 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Diethyl Phthalate	14.7 (PERCENT)	J/UJ	50 - 115	50 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Diethyl Phthalate	20.9 (PERCENT)	J/UJ	50 - 115	50 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Dimethyl Phthalate	15.5 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Dimethyl Phthalate	22.2 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Di-n-Butyl Phthalate	11.0 (PERCENT)	J/UJ	55 - 110	55 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Di-n-Butyl Phthalate	12.9 (PERCENT)	J/UJ	55 - 110	55 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Di-n-Octylphthalate	18.4 (PERCENT)	J/UJ	40 - 130	40 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Di-n-Octylphthalate	26.9 (PERCENT)	J/UJ	40 - 130	40 - 130	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Fluoranthene	16.8 (PERCENT)	J/UJ	55 - 115	55 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Fluoranthene	17.0 (PERCENT)	J/UJ	55 - 115	55 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Fluorene	-0.97 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Fluorene	13.1 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Hexachlorobenzene	-4.2 (PERCENT)	J/UJ	45 - 120	45 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Hexachlorobenzene	-9.0 (PERCENT)	J/UJ	45 - 120	45 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Hexachlorobutadiene	17.3 (PERCENT)	J/UJ	40 - 115	40 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Hexachlorobutadiene	8.2 (PERCENT)	J/UJ	40 - 115	40 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Hexachloroethane	14.2 (PERCENT)	J/UJ	35 - 110	35 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Hexachloroethane	22.0 (PERCENT)	J/UJ	35 - 110	35 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Indeno(1,2,3-c,d)pyrene	-1.4 (PERCENT)	J/UJ	40 - 120	40 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Indeno(1,2,3-c,d)pyrene	-7.1 (PERCENT)	J/UJ	40 - 120	40 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Isophorone	24.0 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Isophorone	9.1 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Naphthalene	24.8 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Naphthalene	9.3 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Nitrobenzene	18.7 (PERCENT)	J/UJ	40 - 115	40 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Nitrobenzene	8.8 (PERCENT)	J/UJ	40 - 115	40 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	n-Nitrosodi-n-propylamine	16.5 (PERCENT)	J/UJ	40 - 115	40 - 115	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	n-Nitrosodi-n-propylamine	25.4 (PERCENT)	J/UJ	40 - 115	40 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	n-Nitrosodiphenylamine	14.0 (PERCENT)	J/UJ	50 - 115	50 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	n-Nitrosodiphenylamine	14.4 (PERCENT)	J/UJ	50 - 115	50 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Pentachlorophenol	-25.6 (PERCENT)	J/UJ	25 - 120	25 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Pentachlorophenol	-41.1 (PERCENT)	J/UJ	25 - 120	25 - 120	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Phenanthrene	-8.9 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Phenanthrene	6.8 (PERCENT)	J/UJ	50 - 110	50 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Phenol	10.6 (PERCENT)	J/UJ	40 - 100	40 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Phenol	22.9 (PERCENT)	J/UJ	40 - 100	40 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (MS) / 240-18441-11	1 / 1.00	Pyrene	-5.2 (PERCENT)	J/UJ	45 - 125	45 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	072SB-0026-0002-SO (SD) / 240-18441-11	1 / 1.00	Pyrene	17.4 (PERCENT)	J/UJ	45 - 125	45 - 125	M			
SW8270C / SW3550/NONE	MS Recovery	073SB-0007M-0001-SO (MS) / 240-18441-21	1 / 5.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	073SB-0007M-0001-SO (SD) / 240-18441-21	1 / 5.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550	Prep Hold Time	072SB-0026-0001-SO (N) / 240-18441-11	2 / 1.00	All in Run	21.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	072SB-0026-0002-SO (N) / 240-18441-11	2 / 1.00	All in Run	15.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	072SB-0026-0002-SO (N) / 240-18441-17	2 / 1.00	All in Run	15.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	072SB-0026-0002-SO (N) / 240-18441-11	2 / 1.00	All in Run	21.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	072SB-0026-0002-SO (N) / 240-18441-17	2 / 1.00	All in Run	21.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	072SB-0028-0001-SO (N) / 240-18441-13	2 / 1.00	All in Run	15.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550	Prep Hold Time	072SB-0032-0001-SO (N) / 240-18441-17	2 / 1.00	All in Run	15.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550/NONE	Surrogate	072SB-0021-0001-SO (N) / 240-18441-6	1 / 1.00	2,4,6-Tribromophenol	26.2 (PERCENT)	J/UJ	35 - 125	10 - 125	I			
SW8270C / SW3550/NONE	Surrogate	072SB-0022-0001-SO (N) / 240-18441-7	1 / 1.00	2,4,6-Tribromophenol	27.3 (PERCENT)	J/UJ	35 - 125	10 - 125	I			
SW8270C / SW3550/NONE	Surrogate	072SB-0024-0001-SO (N) / 240-18441-9	1 / 1.00	2,4,6-Tribromophenol	32.1 (PERCENT)	J/UJ	35 - 125	10 - 125	I			
SW8270C / SW3550/NONE	Surrogate	072SB-0026-0001-SO (N) / 240-18441-11	1 / 1.00	2-Fluorobiphenyl	43.6 (PERCENT)	J/UJ	45 - 105	10 - 105	I			
SW8270C / SW3550/NONE	Surrogate	072SB-0026-0002-SO (N) / 240-18441-11	2 / 1.00	2-Fluorobiphenyl	44.5 (PERCENT)	J/UJ	45 - 105	10 - 105	I			
SW8270C / SW3550/NONE	Surrogate	072SB-0028-0001-SO (N) / 240-18441-13	1 / 1.00	2,4,6-Tribromophenol	21.7 (PERCENT)	J/UJ	35 - 125	10 - 125	I			
SW8270C / SW3550/NONE	Surrogate	072SB-0032-0001-SO (N) / 240-18441-17	1 / 1.00	2,4,6-Tribromophenol	28.8 (PERCENT)	J/UJ	35 - 125	10 - 125	I			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Antimony	0.18	0.095	0.095 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Arsenic	0.091	3.2	3.2 J		MG/KG	d
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Barium	0.91	68.0	68.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Manganese	4.6	3400	3400 J		MG/KG	d
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Silver	0.091	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Thallium	0.091	0.093	0.093 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Zinc	0.46	55.0	55.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Antimony	0.21	0.13	0.13 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Arsenic	0.10	4.5	4.5 J		MG/KG	d
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Barium	1.0	48.0	48.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Manganese	0.52	1100	1100 J		MG/KG	d
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Silver	0.10	0.039	0.039 J		MG/KG	TR
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Thallium	0.10	0.14	0.14 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Zinc	0.52	88.0	88.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Antimony	0.20	0.12	0.12 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Arsenic	0.10	4.0	4.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Barium	1.0	34.0	34.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Manganese	0.50	850	850 J		MG/KG	d
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Silver	0.10	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Thallium	0.10	0.099	0.099 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Zinc	0.50	94.0	94.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Antimony	0.19	0.13	0.13 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Arsenic	0.094	2.7	2.7 J		MG/KG	d
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Barium	0.94	39.0	39.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Manganese	0.47	900	900 J		MG/KG	d
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Silver	0.094	0.040	0.040 J		MG/KG	TR
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Thallium	0.094	0.10	0.10 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Zinc	0.47	71.0	71.0 J		MG/KG	A

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Antimony	0.19	0.091	0.091 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Arsenic	0.097	2.4	2.4 J		MG/KG	d
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Barium	0.97	49.0	49.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Manganese	0.49	1100	1100 J		MG/KG	d
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Silver	0.097	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Thallium	0.097	0.099	0.099 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Zinc	0.49	83.0	83.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Antimony	0.15	0.094	0.094 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Arsenic	0.076	2.5	2.5 J		MG/KG	d
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Barium	0.76	54.0	54.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Manganese	0.38	1100	1100 J		MG/KG	d
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Silver	0.076	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Thallium	0.076	0.089	0.089 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Zinc	0.38	79.0	79.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Antimony	0.20	0.094	0.094 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Arsenic	0.10	3.0	3.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Barium	1.0	42.0	42.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Manganese	0.51	960	960 J		MG/KG	d
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Silver	0.10	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Thallium	0.10	0.13	0.13 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Zinc	0.51	70.0	70.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Antimony	0.20	0.14	0.14 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Arsenic	0.098	3.1	3.1 J		MG/KG	d
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Barium	0.98	48.0	48.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Manganese	0.49	1400	1400 J		MG/KG	d
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Silver	0.098	0.039	0.039 J		MG/KG	TR
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Thallium	0.098	0.11	0.11 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Zinc	0.49	67.0	67.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Antimony	0.20	0.20	0.20 R	-	MG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Arsenic	0.10	0.51	0.51 J		MG/KG	d
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Barium	1.0	31.0	31.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Manganese	0.50	210	210 J		MG/KG	d
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Silver	0.10	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Thallium	0.10	0.12	0.12 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Zinc	0.50	45.0	45.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Antimony	0.20	0.082	0.082 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Arsenic	0.10	1.1	1.1 J		MG/KG	d
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Barium	1.0	16.0	16.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Manganese	0.51	84.0	84.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Silver	0.10	0.061	0.061 J		MG/KG	TR
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Thallium	0.10	0.11	0.11 J	-	MG/KG	M
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Zinc	0.51	33.0	33.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Antimony	0.18	0.18	0.18 R	-	MG/KG	M
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Arsenic	0.092	0.45	0.45 J		MG/KG	d
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Barium	0.92	36.0	36.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Manganese	0.46	180	180 J		MG/KG	d
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Silver	0.092	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Thallium	0.092	0.084	0.084 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Zinc	0.46	41.0	41.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Antimony	0.19	0.19	0.19 R	-	MG/KG	M
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Arsenic	0.097	0.40	0.40 J		MG/KG	d
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Barium	0.97	29.0	29.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Manganese	0.48	130	130 J		MG/KG	d
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Silver	0.097	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Thallium	0.097	0.074	0.074 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Zinc	0.48	38.0	38.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Antimony	0.16	0.16	0.16 R	-	MG/KG	M
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Arsenic	0.082	0.45	0.45 J		MG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Barium	0.82	26.0	26.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Manganese	0.41	210	210 J		MG/KG	d
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Silver	0.082	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Thallium	0.082	0.077	0.077 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Zinc	0.41	39.0	39.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Antimony	0.20	0.20	0.20 R	-	MG/KG	M
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Arsenic	0.10	0.38	0.38 J		MG/KG	d
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Barium	1.0	30.0	30.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Manganese	0.51	160	160 J		MG/KG	d
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Silver	0.10	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Thallium	0.10	0.068	0.068 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Zinc	0.51	47.0	47.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Antimony	0.21	0.21	0.21 R	-	MG/KG	M
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Arsenic	0.10	0.43	0.43 J		MG/KG	d
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Barium	1.0	29.0	29.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Manganese	0.51	110	110 J		MG/KG	d
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Silver	0.10	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Thallium	0.10	0.078	0.078 J	-	MG/KG	TR/M
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Zinc	0.51	41.0	41.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Antimony	0.18	0.082	0.082 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Calcium	9.2	3800	3800 J		MG/KG	d
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Magnesium	9.2	2900	2900 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Potassium	9.2	1000	1000 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Silver	0.092	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Vanadium	0.092	15.0	15.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Antimony	0.17	0.082	0.082 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Calcium	8.7	8900	8900 J		MG/KG	d
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Magnesium	8.7	3300	3300 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Potassium	8.7	1600	1600 J	+	MG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Silver	0.087	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Vanadium	0.087	15.0	15.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Antimony	0.19	0.065	0.065 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Magnesium	9.5	2900	2900 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Potassium	9.5	1100	1100 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Silver	0.095	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Vanadium	0.095	13.0	13.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Antimony	0.16	0.058	0.058 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Magnesium	8.1	3400	3400 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Potassium	8.1	1600	1600 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Silver	0.081	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Vanadium	0.081	16.0	16.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Antimony	0.14	0.064	0.064 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Magnesium	7.1	4200	4200 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Potassium	7.1	2100	2100 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Silver	0.071	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Vanadium	0.071	20.0	20.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Antimony	0.20	0.081	0.081 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Magnesium	10.0	2600	2600 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Potassium	10.0	1300	1300 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Silver	0.10	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Vanadium	0.10	13.0	13.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Antimony	0.16	0.096	0.096 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Magnesium	8.1	3100	3100 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Potassium	8.1	1100	1100 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Silver	0.081	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Vanadium	0.081	13.0	13.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Antimony	0.19	0.077	0.077 J	-	MG/KG	TR/M
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Magnesium	9.5	3000	3000 J	+	MG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Potassium	9.5	1400	1400 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Silver	0.095	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Vanadium	0.095	15.0	15.0 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Antimony	0.21	0.21	0.21 R	-	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Cadmium	0.11	0.067	0.067 J		MG/KG	TR
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Magnesium	11.0	690	690 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Potassium	11.0	440	440 J	+	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Thallium	0.11	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Vanadium	0.11	3.7	3.7 J	+	MG/KG	M
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Mercury	0.10	0.024	0.024 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Mercury	0.095	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Mercury	0.10	0.032	0.032 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Mercury	0.10	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Mercury	0.10	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Mercury	0.095	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Mercury	0.11	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Mercury	0.10	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Mercury	0.10	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Mercury	0.097	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Mercury	0.097	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Mercury	0.092	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Mercury	0.087	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Mercury	0.10	0.023	0.023 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Mercury	0.090	0.024	0.024 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Mercury	0.087	0.050	0.050 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Mercury	0.10	0.044	0.044 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Mercury	0.13	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	075SB-0001-0001-SO	240-18441-20	N	Mercury	0.11	0.050	0.050 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,1,1-Trichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,1,2,2-Tetrachloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,1,2-Trichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,1-Dichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,1-Dichloroethene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,2-Dibromoethane (EDB)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,2-Dichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	1,2-Dichloropropane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	2-Butanone (MEK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	2-Hexanone	22.0	22.0	22.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Acetone	22.0	22.0	22.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Benzene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Bromochloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Bromodichloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Bromoform	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Bromomethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Carbon Disulfide	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Carbon Tetrachloride	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Chlorobenzene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Chloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Chloroform	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Chloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	cis-1,3-Dichloropropene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Dibromochloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Ethylbenzene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Methylene Chloride	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Styrene	5.4	5.4	5.4 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	tert-Butyl Methyl Ether (MTBE)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Tetrachloroethene (PCE)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Toluene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	trans-1,3-Dichloropropene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Trichloroethene (TCE)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Vinyl Chloride	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,1,1-Trichloroethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,1,2,2-Tetrachloroethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,1,2-Trichloroethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,1-Dichloroethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,1-Dichloroethene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,2-Dibromoethane (EDB)	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,2-Dichloroethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,2-Dichloroethene	13.0	13.0	13.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	1,2-Dichloropropane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	2-Butanone (MEK)	25.0	25.0	25.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	2-Hexanone	25.0	25.0	25.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	4-Methyl-2-pentanone (MIBK)	25.0	25.0	25.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Acetone	25.0	25.0	25.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Benzene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Bromochloromethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Bromodichloromethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Bromoform	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Bromomethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Carbon Disulfide	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Carbon Tetrachloride	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Chlorobenzene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Chloroethane	6.3	6.3	6.3 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Chloroform	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Chloromethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	cis-1,3-Dichloropropene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Dibromochloromethane	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Ethylbenzene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Methylene Chloride	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Styrene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	tert-Butyl Methyl Ether (MTBE)	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Tetrachloroethene (PCE)	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Toluene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	trans-1,3-Dichloropropene	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Trichloroethene (TCE)	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Vinyl Chloride	6.3	6.3	6.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Xylenes, Total	13.0	13.0	13.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,1,1-Trichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,1,2,2-Tetrachloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,1,2-Trichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,1-Dichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,1-Dichloroethene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,2-Dibromoethane (EDB)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,2-Dichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	1,2-Dichloropropane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	2-Butanone (MEK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	2-Hexanone	23.0	23.0	23.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	4-Methyl-2-pentanone (MIBK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Acetone	23.0	23.0	23.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Benzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Bromochloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Bromodichloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Bromoform	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Bromomethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Carbon Disulfide	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Carbon Tetrachloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Chlorobenzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Chloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Chloroform	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Chloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	cis-1,3-Dichloropropene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Dibromochloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Ethylbenzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Methylene Chloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Styrene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	tert-Butyl Methyl Ether (MTBE)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Tetrachloroethene (PCE)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Toluene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	trans-1,3-Dichloropropene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Trichloroethene (TCE)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Vinyl Chloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	2-Hexanone	25.0	25.0	25.0 UJ	-	UG/KG	J
SW8260B/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Acetone	25.0	25.0	25.0 UJ	-	UG/KG	J
SW8260B/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	2-Hexanone	17.0	17.0	17.0 UJ		UG/KG	J
SW8260B/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Acetone	17.0	17.0	17.0 UJ		UG/KG	J
SW8260B/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	2-Hexanone	23.0	23.0	23.0 UJ	-	UG/KG	J
SW8260B/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Acetone	23.0	23.0	23.0 UJ	-	UG/KG	J
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,1,1-Trichloroethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,1,2,2-Tetrachloroethane	6.9	6.9	6.9 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,1,2-Trichloroethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,1-Dichloroethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,1-Dichloroethene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,2-Dibromoethane (EDB)	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,2-Dichloroethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,2-Dichloroethene	14.0	14.0	14.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	1,2-Dichloropropane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	2-Butanone (MEK)	28.0	28.0	28.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	2-Hexanone	28.0	28.0	28.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	4-Methyl-2-pentanone (MIBK)	28.0	28.0	28.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Acetone	28.0	28.0	28.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Benzene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Bromochloromethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Bromodichloromethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Bromoform	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Bromomethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Carbon Disulfide	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Carbon Tetrachloride	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Chlorobenzene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Chloroethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Chloroform	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Chloromethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	cis-1,3-Dichloropropene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Dibromochloromethane	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Ethylbenzene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Methylene Chloride	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Styrene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	tert-Butyl Methyl Ether (MTBE)	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Tetrachloroethene (PCE)	6.9	6.9	6.9 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Toluene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	trans-1,3-Dichloropropene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Trichloroethene (TCE)	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Vinyl Chloride	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Xylenes, Total	14.0	14.0	14.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,1,1-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,1,2,2-Tetrachloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,1,2-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,1-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,1-Dichloroethene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,2-Dibromoethane (EDB)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,2-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,2-Dichloroethene	9.6	9.6	9.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	1,2-Dichloropropane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	2-Butanone (MEK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Acetone	19.0	19.0	19.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Bromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Bromodichloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Bromoform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Bromomethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Carbon Disulfide	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Carbon Tetrachloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Chlorobenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Chloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Chloroform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Chloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	cis-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Dibromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Methylene Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Styrene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	tert-Butyl Methyl Ether (MTBE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Tetrachloroethene (PCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Toluene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	trans-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Trichloroethene (TCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Vinyl Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Xylenes, Total	9.6	9.6	9.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Ethylbenzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	tert-Butyl Methyl Ether (MTBE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Toluene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Xylenes, Total	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Benzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Ethylbenzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	tert-Butyl Methyl Ether (MTBE)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Toluene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Xylenes, Total	8.8	8.8	8.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Benzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Ethylbenzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	tert-Butyl Methyl Ether (MTBE)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Toluene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Xylenes, Total	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,1,1-Trichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,1,2,2-Tetrachloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,1,2-Trichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,1-Dichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,1-Dichloroethene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,2-Dibromoethane (EDB)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,2-Dichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,2-Dichloroethene	8.8	8.8	8.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	1,2-Dichloropropane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	2-Butanone (MEK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Acetone	18.0	18.0	18.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Benzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Bromochloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Bromodichloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Bromoform	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Bromomethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Carbon Disulfide	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Carbon Tetrachloride	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Chlorobenzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Chloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Chloroform	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Chloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	cis-1,3-Dichloropropene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Dibromochloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Ethylbenzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Methylene Chloride	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Styrene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	tert-Butyl Methyl Ether (MTBE)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Tetrachloroethene (PCE)	4.4	4.4	4.4 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Toluene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	trans-1,3-Dichloropropene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Trichloroethene (TCE)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Vinyl Chloride	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Xylenes, Total	8.8	8.8	8.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Ethylbenzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	tert-Butyl Methyl Ether (MTBE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Toluene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Xylenes, Total	9.2	9.2	9.2 UJ	-	UG/KG	I
SW8260B/NONE	WG	072SB-0033-0001-TB	240-18441-18	N	Acetone	10.0	1.1	1.1 J		UG/L	TR
SW8260B/NONE	WG	072SB-0034-0001-TB	240-18441-19	N	Carbon Disulfide	1.0	0.75	0.75 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Benzo(k)fluoranthene	7.4	7.3	7.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Phenanthrene	7.4	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Benzo(b)fluoranthene	7.2	7.0	7.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Benzo(k)fluoranthene	7.3	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Phenanthrene	7.3	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Pyrene	7.3	7.1	7.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Acenaphthene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Acenaphthylene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Anthracene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Benzo(a)anthracene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Benzo(a)pyrene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Benzo(b)fluoranthene	7.1	5.8	5.8 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Benzo(g,h,i)perylene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Benzo(k)fluoranthene	7.1	6.2	6.2 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Chrysene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Dibenz(a,h)anthracene	7.1	7.1	7.1 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Fluoranthene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Fluorene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Indeno(1,2,3-c,d)pyrene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Naphthalene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Phenanthrene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Pyrene	7.1	7.1	7.1 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Acenaphthene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Acenaphthylene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Anthracene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Benzo(a)anthracene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Benzo(a)pyrene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Benzo(b)fluoranthene	7.3	9.4	9.4 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Benzo(g,h,i)perylene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Benzo(k)fluoranthene	7.3	6.1	6.1 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Chrysene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Dibenz(a,h)anthracene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Fluoranthene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Fluorene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Indeno(1,2,3-c,d)pyrene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Naphthalene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Phenanthrene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Pyrene	7.3	7.3	7.3 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Benzo(b)fluoranthene	7.4	7.2	7.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Acenaphthene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Acenaphthylene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Anthracene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(a)anthracene	7.2	8.3	8.3 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(a)pyrene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(b)fluoranthene	7.2	13.0	13.0 J	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(g,h,i)perylene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(k)fluoranthene	7.2	6.9	6.9 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Chrysene	7.2	5.6	5.6 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Dibenz(a,h)anthracene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Fluoranthene	7.2	3.7	3.7 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Fluorene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Indeno(1,2,3-c,d)pyrene	7.2	7.2	7.2 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Naphthalene	7.2	4.2	4.2 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Phenanthrene	7.2	7.2	7.2 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Pyrene	7.2	5.2	5.2 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	1,2,4-Trichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	1,2-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	1,3-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	1,4-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	2,4-Dinitrotoluene	210	210	210 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	2,6-Dinitrotoluene	210	210	210 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	2-Chloronaphthalene	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	2-Methylnaphthalene	6.9	100	100 J	-	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	2-Nitroaniline	210	210	210 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	3,3'-Dichlorobenzidine	100	100	100 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	3-Nitroaniline	210	210	210 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	4-Bromophenyl phenyl ether	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	4-Chloroaniline	150	150	150 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	4-Chlorophenyl Phenyl Ether	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	4-Nitroaniline	210	210	210 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Acenaphthene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Acenaphthylene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Anthracene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(a)anthracene	6.9	15.0	15.0 J	-	UG/KG	I/d

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(a)pyrene	6.9	18.0	18.0 J	-	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(b)fluoranthene	6.9	16.0	16.0 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(g,h,i)perylene	6.9	140	140 J	-	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(k)fluoranthene	6.9	5.8	5.8 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzyl butyl phthalate	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	bis(2-Chloroethoxy) Methane	100	100	100 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	100	100	100 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	bis(2-Chloroisopropyl) Ether	100	100	100 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	bis(2-Ethylhexyl) Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Carbazole	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Chrysene	6.9	9.1	9.1 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Dibenz(a,h)anthracene	6.9	6.9	6.9 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Dibenzofuran	52.0	16.0	16.0 J	-	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Diethyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Dimethyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Di-n-Butyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Di-n-Octylphthalate	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Fluoranthene	6.9	12.0	12.0 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Fluorene	6.9	8.4	8.4 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Hexachlorobenzene	6.9	6.9	6.9 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Hexachlorobutadiene	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Hexachlorocyclopentadiene	340	340	340 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Hexachloroethane	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Indeno(1,2,3-c,d)pyrene	6.9	17.0	17.0 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Isophorone	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Naphthalene	6.9	29.0	29.0 J	-	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Nitrobenzene	100	100	100 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	n-Nitrosodi-n-propylamine	52.0	52.0	52.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	n-Nitrosodiphenylamine	52.0	52.0	52.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Pentachlorophenol	150	150	150 UJ	-	UG/KG	M
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Phenanthrene	6.9	50.0	50.0 J	-	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Pyrene	6.9	16.0	16.0 J	-	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0002-SO	240-18441-17	N	Hexachlorocyclopentadiene	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	2-Methylnaphthalene	6.9	11.0	11.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Benzo(a)anthracene	6.9	4.4	4.4 J		UG/KG	TR/d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Benzo(a)pyrene	6.9	6.9	6.9 UJ		UG/KG	d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Benzo(g,h,i)perylene	6.9	42.0	42.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	bis(2-Ethylhexyl) Phthalate	52.0	25.0	25.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Dibenzofuran	52.0	8.7	8.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Naphthalene	6.9	14.0	14.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Pyrene	6.9	7.1	7.1 J		UG/KG	d
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	1,2,4-Trichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	1,2-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	1,3-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	1,4-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2,4,5-Trichlorophenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2,4,6-Trichlorophenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2,4-Dichlorophenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2,4-Dimethylphenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2,4-Dinitrophenol	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2,4-Dinitrotoluene	210	210	210 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2,6-Dinitrotoluene	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2-Chloronaphthalene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2-Chlorophenol	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2-Methylnaphthalene	7.0	67.0	67.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2-Methylphenol (o-Cresol)	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2-Nitroaniline	210	210	210 UJ	-	UG/KG	H2

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2-Nitrophenol	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	3,3'-Dichlorobenzidine	100	100	100 UJ	-	UG/KG	H2/V1
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	3-Nitroaniline	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	4,6-Dinitro-2-Methylphenol	160	160	160 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	4-Bromophenyl phenyl ether	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	4-Chloro-3-Methylphenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	4-Chloroaniline	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	4-Chlorophenyl Phenyl Ether	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	4-Nitroaniline	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	4-Nitrophenol	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Acenaphthene	7.0	7.0	7.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Acenaphthylene	7.0	7.0	7.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Anthracene	7.0	7.0	7.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(a)anthracene	7.0	11.0	11.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(a)pyrene	7.0	11.0	11.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(b)fluoranthene	7.0	13.0	13.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(g,h,i)perylene	7.0	84.0	84.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(k)fluoranthene	7.0	4.8	4.8 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzoic acid	690	690	690 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzyl alcohol	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzyl butyl phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	bis(2-Chloroethoxy) Methane	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	bis(2-Chloroisopropyl) Ether	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	bis(2-Ethylhexyl) Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Carbazole	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Chrysene	7.0	7.7	7.7 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Cresols, m & p	420	420	420 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Dibenz(a,h)anthracene	7.0	7.0	7.0 UJ	-	UG/KG	H2

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Dibenzofuran	52.0	14.0	14.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Diethyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Dimethyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Di-n-Butyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Di-n-Octylphthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Fluoranthene	7.0	11.0	11.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Fluorene	7.0	4.3	4.3 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Hexachlorobenzene	7.0	7.0	7.0 UJ	-	UG/KG	H2/V1
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Hexachlorobutadiene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Hexachlorocyclopentadiene	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Hexachloroethane	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Indeno(1,2,3-c,d)pyrene	7.0	13.0	13.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Isophorone	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Naphthalene	7.0	27.0	27.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Nitrobenzene	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	n-Nitrosodi-n-propylamine	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	n-Nitrosodiphenylamine	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Pentachlorophenol	160	160	160 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Phenanthrene	7.0	43.0	43.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Phenol	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Pyrene	7.0	16.0	16.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Benzo(k)fluoranthene	6.9	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	bis(2-Ethylhexyl) Phthalate	52.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Dibenzofuran	52.0	15.0	15.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Benzo(k)fluoranthene	6.8	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	bis(2-Ethylhexyl) Phthalate	51.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Dibenzofuran	51.0	14.0	14.0 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Fluorene	6.8	5.2	5.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Benzo(k)fluoranthene	7.0	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	bis(2-Ethylhexyl) Phthalate	53.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Dibenzofuran	53.0	16.0	16.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	1,2,4-Trichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	1,2-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	1,3-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	1,4-Dichlorobenzene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2,4,5-Trichlorophenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2,4,6-Trichlorophenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2,4-Dichlorophenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2,4-Dimethylphenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2,4-Dinitrophenol	340	340	340 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2,4-Dinitrotoluene	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2,6-Dinitrotoluene	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2-Chloronaphthalene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2-Chlorophenol	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2-Methylnaphthalene	7.0	120	120 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2-Methylphenol (o-Cresol)	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2-Nitroaniline	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2-Nitrophenol	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	3,3'-Dichlorobenzidine	100	100	100 UJ	-	UG/KG	H2/V1
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	3-Nitroaniline	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	4,6-Dinitro-2-Methylphenol	160	160	160 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	4-Bromophenyl phenyl ether	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	4-Chloro-3-Methylphenol	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	4-Chloroaniline	160	160	160 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	4-Chlorophenyl Phenyl Ether	52.0	52.0	52.0 UJ	-	UG/KG	H2

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	4-Nitroaniline	210	210	210 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	4-Nitrophenol	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Acenaphthene	7.0	5.1	5.1 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Acenaphthylene	7.0	3.7	3.7 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Anthracene	7.0	7.1	7.1 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(a)anthracene	7.0	7.0	7.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(a)pyrene	7.0	22.0	22.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(b)fluoranthene	7.0	21.0	21.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(g,h,i)perylene	7.0	130	130 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(k)fluoranthene	7.0	7.9	7.9 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzoic acid	690	690	690 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzyl alcohol	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzyl butyl phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	bis(2-Chloroethoxy) Methane	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	bis(2-Chloroisopropyl) Ether	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	bis(2-Ethylhexyl) Phthalate	52.0	24.0	24.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Carbazole	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Chrysene	7.0	7.0	7.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Cresols, m & p	420	420	420 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Dibenz(a,h)anthracene	7.0	11.0	11.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Dibenzofuran	52.0	20.0	20.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Diethyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Dimethyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Di-n-Butyl Phthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Di-n-Octylphthalate	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Fluoranthene	7.0	20.0	20.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Fluorene	7.0	11.0	11.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Hexachlorobenzene	7.0	7.0	7.0 UJ	-	UG/KG	H2/V1

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Hexachlorobutadiene	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Hexachlorocyclopentadiene	340	340	340 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Hexachloroethane	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Indeno(1,2,3-c,d)pyrene	7.0	22.0	22.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Isophorone	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Naphthalene	7.0	35.0	35.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Nitrobenzene	100	100	100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	n-Nitrosodi-n-propylamine	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	n-Nitrosodiphenylamine	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Pentachlorophenol	160	160	160 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Phenanthrene	7.0	57.0	57.0 J	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Phenol	52.0	52.0	52.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Pyrene	7.0	22.0	22.0 J	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	3,3'-Dichlorobenzidine	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Benzo(g,h,i)perylene	34.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Dibenzofuran	250	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Fluoranthene	34.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Pentachlorophenol	760	760	760 UJ	-	UG/KG	M
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Pyrene	34.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	3,3'-Dichlorobenzidine	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Fluoranthene	34.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Naphthalene	34.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Pyrene	34.0	32.0	32.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	2-Methylnaphthalene	33.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	3,3'-Dichlorobenzidine	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Phenanthrene	33.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Pyrene	33.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	2-Methylnaphthalene	33.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	3,3'-Dichlorobenzidine	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Isophorone	250	74.0	74.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Phenanthrene	33.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Benzo(g,h,i)perylene	34.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Dibenzofuran	250	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	2,4-Dinitrophenol	330	330	330 UJ	-	UG/KG	J
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	4,6-Dinitro-2-Methylphenol	150	150	150 UJ	-	UG/KG	J
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Benzo(g,h,i)perylene	6.7	5.6	5.6 J	-	UG/KG	TR/J
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Dibenzofuran	50.0	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Di-n-Butyl Phthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Fluoranthene	6.7	18.0	18.0 J		UG/KG	V1
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Isophorone	50.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	2,4-Dichlorophenol	180	180	180 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	2,4-Dinitrophenol	390	390	390 UJ	-	UG/KG	J
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ	-	UG/KG	J
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Benzo(g,h,i)perylene	8.0	8.0	8.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	bis(2-Ethylhexyl) Phthalate	60.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Di-n-Butyl Phthalate	60.0	60.0	60.0 UJ		UG/KG	V1
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Fluoranthene	8.0	5.3	5.3 J		UG/KG	TR/V1
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Isophorone	60.0	19.0	19.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Phenanthrene	8.0	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Pyrene	8.0	5.3	5.3 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Silver	0.091	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Aluminum	2.7	6800	6800	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Arsenic	0.091	3.2	3.2 J	MG/KG	d
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Barium	0.91	68.0	68.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Beryllium	0.091	1.5	1.5	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Calcium	9.1	460	460	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Cadmium	0.091	0.29	0.29	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Cobalt	0.046	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Chromium	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Copper	0.18	22.0	22.0	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Iron	46.0	150000	150000	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Potassium	9.1	990	990	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Magnesium	9.1	2600	2600	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Manganese	4.6	3400	3400 J	MG/KG	d
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Sodium	9.1	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Nickel	0.091	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Lead	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Antimony	0.18	0.095	0.095 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Selenium	0.46	0.88	0.88	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Thallium	0.091	0.093	0.093 J -	MG/KG	M
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Vanadium	0.091	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Zinc	0.46	55.0	55.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Silver	0.10	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Aluminum	3.1	9900	9900	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Arsenic	0.10	4.5	4.5 J	MG/KG	d
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Barium	1.0	48.0	48.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Beryllium	0.10	0.93	0.93	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Calcium	10.0	630	630	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Cadmium	0.10	0.31	0.31	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Cobalt	0.052	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Chromium	0.21	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Copper	0.21	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Iron	5.2	39000	39000	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Potassium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Magnesium	10.0	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Manganese	0.52	1100	1100 J	MG/KG	d
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Sodium	10.0	40.0	40.0	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Nickel	0.10	39.0	39.0	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Lead	0.10	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Antimony	0.21	0.13	0.13 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Selenium	0.52	0.87	0.87	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Thallium	0.10	0.14	0.14 J -	MG/KG	M
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Vanadium	0.10	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Zinc	0.52	88.0	88.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Silver	0.10	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Aluminum	3.0	8900	8900	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Arsenic	0.10	4.0	4.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Barium	1.0	34.0	34.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Beryllium	0.10	0.82	0.82	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Calcium	10.0	430	430	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Cadmium	0.10	0.31	0.31	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Cobalt	0.050	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Chromium	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Copper	0.20	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Iron	5.0	36000	36000	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Potassium	10.0	1100	1100	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Magnesium	10.0	4000	4000	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Manganese	0.50	850	850 J	MG/KG	d
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Sodium	10.0	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Nickel	0.10	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Lead	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Antimony	0.20	0.12	0.12 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Selenium	0.50	0.88	0.88	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Thallium	0.10	0.099	0.099 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Vanadium	0.10	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Zinc	0.50	94.0	94.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Silver	0.094	0.040	0.040 J	MG/KG	TR
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Aluminum	2.8	9700	9700	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Arsenic	0.094	2.7	2.7 J	MG/KG	d
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Barium	0.94	39.0	39.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Beryllium	0.094	1.1	1.1	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Calcium	9.4	660	660	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Cadmium	0.094	0.23	0.23	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Cobalt	0.047	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Chromium	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Copper	0.19	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Iron	47.0	66000	66000	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Potassium	9.4	1500	1500	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Magnesium	9.4	4000	4000	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Manganese	0.47	900	900 J	MG/KG	d
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Sodium	9.4	38.0	38.0	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Nickel	0.094	36.0	36.0	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Lead	0.094	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Antimony	0.19	0.13	0.13 J -	MG/KG	TR/M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Selenium	0.47	1.1	1.1	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Thallium	0.094	0.10	0.10 J -	MG/KG	M
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Vanadium	0.094	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Zinc	0.47	71.0	71.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Silver	0.097	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Arsenic	0.097	2.4	2.4 J	MG/KG	d
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Barium	0.97	49.0	49.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Beryllium	0.097	0.90	0.90	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Calcium	9.7	650	650	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Cadmium	0.097	0.27	0.27	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Cobalt	0.049	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Chromium	0.19	22.0	22.0	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Copper	0.19	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Iron	49.0	52000	52000	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Potassium	9.7	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Magnesium	9.7	3900	3900	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Manganese	0.49	1100	1100 J	MG/KG	d
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Sodium	9.7	35.0	35.0	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Nickel	0.097	36.0	36.0	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Lead	0.097	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Antimony	0.19	0.091	0.091 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Selenium	0.49	0.91	0.91	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Thallium	0.097	0.099	0.099 J -	MG/KG	M
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Vanadium	0.097	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Zinc	0.49	83.0	83.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Silver	0.076	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Aluminum	2.3	9300	9300	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Arsenic	0.076	2.5	2.5 J	MG/KG	d
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Barium	0.76	54.0	54.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Beryllium	0.076	0.86	0.86	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Calcium	7.6	440	440	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Cadmium	0.076	0.24	0.24	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Cobalt	0.038	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Chromium	0.15	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Copper	0.15	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Iron	38.0	50000	50000	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Potassium	7.6	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Magnesium	7.6	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Manganese	0.38	1100	1100 J	MG/KG	d
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Sodium	7.6	34.0	34.0	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Nickel	0.076	41.0	41.0	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Lead	0.076	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Antimony	0.15	0.094	0.094 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Selenium	0.38	0.80	0.80	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Thallium	0.076	0.089	0.089 J -	MG/KG	M
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Vanadium	0.076	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Zinc	0.38	79.0	79.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Silver	0.10	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Aluminum	3.1	9000	9000	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Arsenic	0.10	3.0	3.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Barium	1.0	42.0	42.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Beryllium	0.10	1.0	1.0	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Calcium	10.0	490	490	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Cadmium	0.10	0.26	0.26	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Cobalt	0.051	13.0	13.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Chromium	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Copper	0.20	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Iron	51.0	54000	54000	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Magnesium	10.0	3900	3900	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Manganese	0.51	960	960 J	MG/KG	d
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Sodium	10.0	37.0	37.0	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Nickel	0.10	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Lead	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Antimony	0.20	0.094	0.094 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Selenium	0.51	0.89	0.89	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Thallium	0.10	0.13	0.13 J -	MG/KG	M
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Vanadium	0.10	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Zinc	0.51	70.0	70.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Silver	0.098	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Aluminum	2.9	8900	8900	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Arsenic	0.098	3.1	3.1 J	MG/KG	d
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Barium	0.98	48.0	48.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Beryllium	0.098	1.3	1.3	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Calcium	9.8	580	580	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Cadmium	0.098	0.27	0.27	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Cobalt	0.049	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Chromium	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Copper	0.20	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Iron	49.0	92000	92000	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Potassium	9.8	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Magnesium	9.8	3400	3400	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Manganese	0.49	1400	1400 J	MG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Sodium	9.8	35.0	35.0	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Nickel	0.098	35.0	35.0	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Lead	0.098	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Antimony	0.20	0.14	0.14 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Selenium	0.49	1.1	1.1	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Thallium	0.098	0.11	0.11 J -	MG/KG	M
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Vanadium	0.098	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Zinc	0.49	67.0	67.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Silver	0.10	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Aluminum	3.0	6000	6000	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Arsenic	0.10	0.51	0.51 J	MG/KG	d
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Barium	1.0	31.0	31.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Beryllium	0.10	0.69	0.69	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Calcium	10.0	750	750	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Cadmium	0.10	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Cobalt	0.050	5.5	5.5	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Chromium	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Iron	5.0	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Potassium	10.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Magnesium	10.0	2300	2300	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Manganese	0.50	210	210 J	MG/KG	d
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Sodium	10.0	71.0	71.0	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Nickel	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Lead	0.10	8.7	8.7	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Selenium	0.50	0.74	0.74	MG/KG	
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Thallium	0.10	0.12	0.12 J -	MG/KG	M
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Vanadium	0.10	8.9	8.9	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Zinc	0.50	45.0	45.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Silver	0.10	0.061	0.061 J	MG/KG	TR
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Aluminum	3.1	5900	5900	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Arsenic	0.10	1.1	1.1 J	MG/KG	d
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Barium	1.0	16.0	16.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Beryllium	0.10	0.58	0.58	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Calcium	10.0	710	710	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Cadmium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Cobalt	0.051	6.2	6.2	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Chromium	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Iron	5.1	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Potassium	10.0	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Magnesium	10.0	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Manganese	0.51	84.0	84.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Sodium	10.0	69.0	69.0	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Nickel	0.10	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Lead	0.10	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Antimony	0.20	0.082	0.082 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Selenium	0.51	0.68	0.68	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Thallium	0.10	0.11	0.11 J -	MG/KG	M
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Vanadium	0.10	9.7	9.7	MG/KG	
SW6020/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Zinc	0.51	33.0	33.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Silver	0.092	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Aluminum	2.7	5600	5600	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Arsenic	0.092	0.45	0.45 J	MG/KG	d
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Barium	0.92	36.0	36.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Beryllium	0.092	0.59	0.59	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Calcium	9.2	700	700	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Cadmium	0.092	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Cobalt	0.046	5.4	5.4	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Chromium	0.18	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Copper	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Iron	4.6	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Potassium	9.2	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Magnesium	9.2	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Manganese	0.46	180	180 J	MG/KG	d
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Sodium	9.2	65.0	65.0	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Nickel	0.092	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Lead	0.092	7.8	7.8	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Selenium	0.46	0.62	0.62	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Thallium	0.092	0.084	0.084 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Vanadium	0.092	7.8	7.8	MG/KG	
SW6020/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Zinc	0.46	41.0	41.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Silver	0.097	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Aluminum	2.9	4900	4900	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Arsenic	0.097	0.40	0.40 J	MG/KG	d
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Barium	0.97	29.0	29.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Beryllium	0.097	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Calcium	9.7	630	630	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Cadmium	0.097	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Cobalt	0.048	4.5	4.5	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Chromium	0.19	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Copper	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Iron	4.8	9100	9100	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Potassium	9.7	1100	1100	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Magnesium	9.7	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Manganese	0.48	130	130 J	MG/KG	d
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Sodium	9.7	63.0	63.0	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Nickel	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Lead	0.097	8.5	8.5	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Selenium	0.48	0.68	0.68	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Thallium	0.097	0.074	0.074 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Vanadium	0.097	7.0	7.0	MG/KG	
SW6020/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Zinc	0.48	38.0	38.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Silver	0.082	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Aluminum	2.5	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Arsenic	0.082	0.45	0.45 J	MG/KG	d
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Barium	0.82	26.0	26.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Beryllium	0.082	0.59	0.59	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Calcium	8.2	650	650	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Cadmium	0.082	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Cobalt	0.041	5.1	5.1	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Chromium	0.16	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Copper	0.16	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Iron	4.1	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Potassium	8.2	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Magnesium	8.2	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Manganese	0.41	210	210 J	MG/KG	d
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Sodium	8.2	62.0	62.0	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Nickel	0.082	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Lead	0.082	7.4	7.4	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Selenium	0.41	0.58	0.58	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Thallium	0.082	0.077	0.077 J -	MG/KG	TR/M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Vanadium	0.082	7.9	7.9	MG/KG	
SW6020/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Zinc	0.41	39.0	39.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Silver	0.10	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Aluminum	3.0	6300	6300	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Arsenic	0.10	0.38	0.38 J	MG/KG	d
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Barium	1.0	30.0	30.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Beryllium	0.10	0.66	0.66	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Calcium	10.0	680	680	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Cadmium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Cobalt	0.051	5.0	5.0	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Copper	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Iron	5.1	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Potassium	10.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Magnesium	10.0	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Manganese	0.51	160	160 J	MG/KG	d
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Sodium	10.0	69.0	69.0	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Nickel	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Lead	0.10	7.0	7.0	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Selenium	0.51	0.66	0.66	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Thallium	0.10	0.068	0.068 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Vanadium	0.10	8.1	8.1	MG/KG	
SW6020/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Zinc	0.51	47.0	47.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Silver	0.10	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Aluminum	3.1	5200	5200	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Arsenic	0.10	0.43	0.43 J	MG/KG	d
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Barium	1.0	29.0	29.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Beryllium	0.10	0.57	0.57	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Calcium	10.0	700	700	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Cadmium	0.10	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Cobalt	0.051	4.8	4.8	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Chromium	0.21	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Copper	0.21	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Iron	5.1	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Magnesium	10.0	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Manganese	0.51	110	110 J	MG/KG	d
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Sodium	10.0	62.0	62.0	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Nickel	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Lead	0.10	7.6	7.6	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Selenium	0.51	0.59	0.59	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Thallium	0.10	0.078	0.078 J -	MG/KG	TR/M
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Vanadium	0.10	8.0	8.0	MG/KG	
SW6020/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Zinc	0.51	41.0	41.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Silver	0.092	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Aluminum	2.8	9300	9300	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Arsenic	0.092	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Barium	0.92	50.0	50.0	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Beryllium	0.092	0.51	0.51	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Calcium	9.2	3800	3800 J	MG/KG	d
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Cadmium	0.092	0.26	0.26	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Cobalt	0.046	9.6	9.6	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Chromium	0.18	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Copper	0.18	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Iron	4.6	25000	25000	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Potassium	9.2	1000	1000 J +	MG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Magnesium	9.2	2900	2900 J +	MG/KG	M
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Manganese	0.46	330	330	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Sodium	9.2	67.0	67.0	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Nickel	0.092	25.0	25.0	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Lead	0.092	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Antimony	0.18	0.082	0.082 J -	MG/KG	TR/M
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Selenium	0.46	0.78	0.78	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Thallium	0.092	0.13	0.13	MG/KG	
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Vanadium	0.092	15.0	15.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Zinc	0.46	68.0	68.0	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Silver	0.087	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Aluminum	2.6	9600	9600	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Arsenic	0.087	9.4	9.4	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Barium	0.87	50.0	50.0	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Beryllium	0.087	0.56	0.56	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Calcium	8.7	8900	8900 J	MG/KG	d
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Cadmium	0.087	0.20	0.20	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Cobalt	0.043	8.2	8.2	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Chromium	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Copper	0.17	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Iron	4.3	20000	20000	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Potassium	8.7	1600	1600 J +	MG/KG	M
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Magnesium	8.7	3300	3300 J +	MG/KG	M
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Manganese	0.43	270	270	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Sodium	8.7	96.0	96.0	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Nickel	0.087	21.0	21.0	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Lead	0.087	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Antimony	0.17	0.082	0.082 J -	MG/KG	TR/M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Selenium	0.43	0.73	0.73	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Thallium	0.087	0.14	0.14	MG/KG	
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Vanadium	0.087	15.0	15.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Zinc	0.43	58.0	58.0	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Silver	0.095	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Aluminum	2.9	7500	7500	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Arsenic	0.095	7.8	7.8	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Barium	0.95	44.0	44.0	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Beryllium	0.095	0.43	0.43	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Calcium	9.5	6500	6500	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Cadmium	0.095	0.18	0.18	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Cobalt	0.048	7.7	7.7	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Iron	4.8	18000	18000	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Potassium	9.5	1100	1100 J +	MG/KG	M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Magnesium	9.5	2900	2900 J +	MG/KG	M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Manganese	0.48	280	280	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Sodium	9.5	78.0	78.0	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Nickel	0.095	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Lead	0.095	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Antimony	0.19	0.065	0.065 J -	MG/KG	TR/M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Selenium	0.48	0.71	0.71	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Thallium	0.095	0.13	0.13	MG/KG	
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Vanadium	0.095	13.0	13.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Zinc	0.48	45.0	45.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Silver	0.081	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Aluminum	2.4	11000	11000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Arsenic	0.081	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Barium	0.81	52.0	52.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Beryllium	0.081	0.62	0.62	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Calcium	8.1	4500	4500	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Cadmium	0.081	0.15	0.15	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Cobalt	0.041	9.9	9.9	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Chromium	0.16	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Copper	0.16	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Iron	4.1	24000	24000	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Potassium	8.1	1600	1600 J +	MG/KG	M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Magnesium	8.1	3400	3400 J +	MG/KG	M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Manganese	0.41	300	300	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Sodium	8.1	58.0	58.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Nickel	0.081	24.0	24.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Lead	0.081	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Antimony	0.16	0.058	0.058 J -	MG/KG	TR/M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Selenium	0.41	0.70	0.70	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Thallium	0.081	0.16	0.16	MG/KG	
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Vanadium	0.081	16.0	16.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Zinc	0.41	58.0	58.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Silver	0.071	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Aluminum	2.1	13000	13000	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Arsenic	0.071	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Barium	0.71	65.0	65.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Beryllium	0.071	0.73	0.73	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Calcium	7.1	7400	7400	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Cadmium	0.071	0.20	0.20	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Cobalt	0.036	11.0	11.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Chromium	0.14	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Copper	0.14	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Iron	3.6	26000	26000	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Potassium	7.1	2100	2100 J +	MG/KG	M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Magnesium	7.1	4200	4200 J +	MG/KG	M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Manganese	0.36	330	330	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Sodium	7.1	98.0	98.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Nickel	0.071	28.0	28.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Lead	0.071	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Antimony	0.14	0.064	0.064 J -	MG/KG	TR/M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Selenium	0.36	0.70	0.70	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Thallium	0.071	0.17	0.17	MG/KG	
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Vanadium	0.071	20.0	20.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Zinc	0.36	58.0	58.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Silver	0.10	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Aluminum	3.0	8500	8500	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Arsenic	0.10	9.0	9.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Barium	1.0	45.0	45.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Beryllium	0.10	0.50	0.50	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Calcium	10.0	4900	4900	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Cadmium	0.10	0.19	0.19	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Cobalt	0.050	7.2	7.2	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Chromium	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Iron	5.0	18000	18000	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Potassium	10.0	1300	1300 J +	MG/KG	M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Magnesium	10.0	2600	2600 J +	MG/KG	M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Manganese	0.50	280	280	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Sodium	10.0	98.0	98.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Nickel	0.10	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Lead	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Antimony	0.20	0.081	0.081 J -	MG/KG	TR/M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Selenium	0.50	0.74	0.74	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Vanadium	0.10	13.0	13.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Zinc	0.50	66.0	66.0	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Silver	0.081	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Aluminum	2.4	8300	8300	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Arsenic	0.081	9.4	9.4	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Barium	0.81	70.0	70.0	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Beryllium	0.081	0.51	0.51	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Calcium	8.1	10000	10000	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Cadmium	0.081	0.23	0.23	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Cobalt	0.040	7.5	7.5	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Chromium	0.16	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Copper	0.16	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Iron	4.0	20000	20000	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Potassium	8.1	1100	1100 J +	MG/KG	M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Magnesium	8.1	3100	3100 J +	MG/KG	M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Manganese	0.40	350	350	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Sodium	8.1	90.0	90.0	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Nickel	0.081	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Lead	0.081	21.0	21.0	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Antimony	0.16	0.096	0.096 J -	MG/KG	TR/M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Selenium	0.40	0.71	0.71	MG/KG	
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Thallium	0.081	0.13	0.13	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Vanadium	0.081	13.0	13.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Zinc	0.40	65.0	65.0	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Silver	0.095	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Aluminum	2.9	9600	9600	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Arsenic	0.095	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Barium	0.95	53.0	53.0	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Beryllium	0.095	0.56	0.56	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Calcium	9.5	5400	5400	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Cadmium	0.095	0.23	0.23	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Cobalt	0.048	9.7	9.7	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Chromium	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Iron	4.8	23000	23000	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Potassium	9.5	1400	1400 J +	MG/KG	M
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Magnesium	9.5	3000	3000 J +	MG/KG	M
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Manganese	0.48	320	320	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Sodium	9.5	100	100	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Nickel	0.095	23.0	23.0	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Lead	0.095	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Antimony	0.19	0.077	0.077 J -	MG/KG	TR/M
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Selenium	0.48	0.81	0.81	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Thallium	0.095	0.14	0.14	MG/KG	
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Vanadium	0.095	15.0	15.0 J +	MG/KG	M
SW6020/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Zinc	0.48	59.0	59.0	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Aluminum	3.2	2500	2500	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Arsenic	0.11	2.6	2.6	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Barium	1.1	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Beryllium	0.11	0.14	0.14	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Calcium	11.0	3400	3400	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Cadmium	0.11	0.067	0.067 J	MG/KG	TR
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Cobalt	0.053	1.8	1.8	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Chromium	0.21	4.4	4.4	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Copper	0.21	4.5	4.5	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Iron	5.3	5000	5000	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Potassium	11.0	440	440 J +	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Magnesium	11.0	690	690 J +	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Manganese	0.53	85.0	85.0	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Sodium	11.0	42.0	42.0	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Nickel	0.11	4.2	4.2	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Lead	0.11	4.5	4.5	MG/KG	
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Thallium	0.11	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Vanadium	0.11	3.7	3.7 J +	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Zinc	0.53	15.0	15.0	MG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Mercury	0.10	0.024	0.024 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Mercury	0.095	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Mercury	0.10	0.032	0.032 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Mercury	0.10	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Mercury	0.10	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Mercury	0.095	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Mercury	0.11	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Mercury	0.10	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Mercury	0.10	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Mercury	0.097	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Mercury	0.097	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Mercury	0.092	0.026	0.026 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	073SB-0010M-0001-SO	240-18441-24	FD	Mercury	0.087	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0011M-0001-SO	240-18441-25	N	Mercury	0.10	0.023	0.023 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Mercury	0.090	0.024	0.024 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Mercury	0.087	0.050	0.050 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Mercury	0.10	0.044	0.044 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Mercury	0.13	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	075SB-0001-0001-SO	240-18441-20	N	Mercury	0.11	0.050	0.050 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	072SB-0033-0001-TB	240-18441-18	N	Acetone	10.0	1.1	1.1 J	UG/L	TR
SW8260B/NONE	WG	072SB-0034-0001-TB	240-18441-19	N	Carbon Disulfide	1.0	0.75	0.75 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Benzo(b)fluoranthene	7.4	16.0	16.0	UG/KG	
SW8270C/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Benzo(k)fluoranthene	7.4	7.3	7.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0007-0001-SO	240-18441-1	N	Phenanthrene	7.4	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0008-0001-SO	240-18441-2	N	Benzo(b)fluoranthene	7.4	8.1	8.1	UG/KG	
SW8270C/NONE	SO	072SB-0009-0001-SO	240-18441-3	N	Benzo(b)fluoranthene	7.2	7.0	7.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Benzo(b)fluoranthene	7.3	16.0	16.0	UG/KG	
SW8270C/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Benzo(k)fluoranthene	7.3	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Phenanthrene	7.3	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0010-0001-SO	240-18441-4	N	Pyrene	7.3	7.1	7.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Benzo(b)fluoranthene	7.1	5.8	5.8 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0021-0001-SO	240-18441-6	N	Benzo(k)fluoranthene	7.1	6.2	6.2 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Benzo(b)fluoranthene	7.3	9.4	9.4 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0022-0001-SO	240-18441-7	N	Benzo(k)fluoranthene	7.3	6.1	6.1 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0023-0001-SO	240-18441-8	N	Benzo(b)fluoranthene	7.4	7.2	7.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(a)anthracene	7.2	8.3	8.3 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(b)fluoranthene	7.2	13.0	13.0 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Benzo(k)fluoranthene	7.2	6.9	6.9 J -	UG/KG	I/TR

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Chrysene	7.2	5.6	5.6 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Fluoranthene	7.2	3.7	3.7 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Naphthalene	7.2	4.2	4.2 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Phenanthrene	7.2	7.2	7.2 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0024-0001-SO	240-18441-9	N	Pyrene	7.2	5.2	5.2 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(a)anthracene	6.9	15.0	15.0 J -	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(a)pyrene	6.9	18.0	18.0 J -	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(b)fluoranthene	6.9	16.0	16.0 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(g,h,i)perylene	6.9	140	140 J -	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Benzo(k)fluoranthene	6.9	5.8	5.8 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Chrysene	6.9	9.1	9.1 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Dibenzofuran	52.0	16.0	16.0 J -	UG/KG	I/TR
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Fluorene	6.9	8.4	8.4 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Fluoranthene	6.9	12.0	12.0 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Indeno(1,2,3-c,d)pyrene	6.9	17.0	17.0 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	2-Methylnaphthalene	6.9	100	100 J -	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Naphthalene	6.9	29.0	29.0 J -	UG/KG	I/d
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Phenanthrene	6.9	50.0	50.0 J -	UG/KG	I
SW8270C/NONE	SO	072SB-0026-0001-SO	240-18441-11	N	Pyrene	6.9	16.0	16.0 J -	UG/KG	I/d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	bis(2-Ethylhexyl) Phthalate	52.0	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Benzo(a)anthracene	6.9	4.4	4.4 J	UG/KG	TR/d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Benzo(b)fluoranthene	6.9	15.0	15.0	UG/KG	
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Benzo(g,h,i)perylene	6.9	42.0	42.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Chrysene	6.9	9.1	9.1	UG/KG	
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Dibenzofuran	52.0	8.7	8.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Fluoranthene	6.9	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Indeno(1,2,3-c,d)pyrene	6.9	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	2-Methylnaphthalene	6.9	11.0	11.0 J	UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Naphthalene	6.9	14.0	14.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Phenanthrene	6.9	36.0	36.0	UG/KG	
SW8270C/NONE	SO	072SB-0027-0001-SO	240-18441-12	FD	Pyrene	6.9	7.1	7.1 J	UG/KG	d
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(a)anthracene	7.0	11.0	11.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(a)pyrene	7.0	11.0	11.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(b)fluoranthene	7.0	13.0	13.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(g,h,i)perylene	7.0	84.0	84.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Benzo(k)fluoranthene	7.0	4.8	4.8 J -	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Chrysene	7.0	7.7	7.7 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Dibenzofuran	52.0	14.0	14.0 J -	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Fluorene	7.0	4.3	4.3 J -	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Fluoranthene	7.0	11.0	11.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Indeno(1,2,3-c,d)pyrene	7.0	13.0	13.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	2-Methylnaphthalene	7.0	67.0	67.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Naphthalene	7.0	27.0	27.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Phenanthrene	7.0	43.0	43.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0028-0001-SO	240-18441-13	N	Pyrene	7.0	16.0	16.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	bis(2-Ethylhexyl) Phthalate	52.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Benzo(a)anthracene	6.9	7.0	7.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Benzo(a)pyrene	6.9	25.0	25.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Benzo(b)fluoranthene	6.9	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Benzo(g,h,i)perylene	6.9	140	140	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Benzo(k)fluoranthene	6.9	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Chrysene	6.9	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Dibenzofuran	52.0	15.0	15.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Fluorene	6.9	9.0	9.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Fluoranthene	6.9	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Indeno(1,2,3-c,d)pyrene	6.9	23.0	23.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	2-Methylnaphthalene	6.9	130	130	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Naphthalene	6.9	36.0	36.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Phenanthrene	6.9	46.0	46.0	UG/KG	
SW8270C/NONE	SO	072SB-0029-0001-SO	240-18441-14	N	Pyrene	6.9	14.0	14.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	bis(2-Ethylhexyl) Phthalate	51.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Benzo(a)anthracene	6.8	6.8	6.8	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Benzo(a)pyrene	6.8	20.0	20.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Benzo(b)fluoranthene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Benzo(g,h,i)perylene	6.8	98.0	98.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Benzo(k)fluoranthene	6.8	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Chrysene	6.8	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Dibenz(a,h)anthracene	6.8	16.0	16.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Dibenzofuran	51.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Fluorene	6.8	5.2	5.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Fluoranthene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Indeno(1,2,3-c,d)pyrene	6.8	18.0	18.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	2-Methylnaphthalene	6.8	83.0	83.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Naphthalene	6.8	27.0	27.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Phenanthrene	6.8	48.0	48.0	UG/KG	
SW8270C/NONE	SO	072SB-0030-0001-SO	240-18441-15	N	Pyrene	6.8	14.0	14.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	bis(2-Ethylhexyl) Phthalate	53.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Benzo(a)anthracene	7.0	7.0	7.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Benzo(a)pyrene	7.0	26.0	26.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Benzo(b)fluoranthene	7.0	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Benzo(g,h,i)perylene	7.0	150	150	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Benzo(k)fluoranthene	7.0	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Chrysene	7.0	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Dibenz(a,h)anthracene	7.0	20.0	20.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Dibenzofuran	53.0	16.0	16.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Fluorene	7.0	7.6	7.6	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Fluoranthene	7.0	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Indeno(1,2,3-c,d)pyrene	7.0	24.0	24.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	2-Methylnaphthalene	7.0	110	110	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Naphthalene	7.0	34.0	34.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Phenanthrene	7.0	54.0	54.0	UG/KG	
SW8270C/NONE	SO	072SB-0031-0001-SO	240-18441-16	N	Pyrene	7.0	16.0	16.0	UG/KG	
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Acenaphthene	7.0	5.1	5.1 J -	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Acenaphthylene	7.0	3.7	3.7 J -	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Anthracene	7.0	7.1	7.1 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	bis(2-Ethylhexyl) Phthalate	52.0	24.0	24.0 J -	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(a)pyrene	7.0	22.0	22.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(b)fluoranthene	7.0	21.0	21.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(g,h,i)perylene	7.0	130	130 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Benzo(k)fluoranthene	7.0	7.9	7.9 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Dibenz(a,h)anthracene	7.0	11.0	11.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Dibenzofuran	52.0	20.0	20.0 J -	UG/KG	H2/TR
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Fluorene	7.0	11.0	11.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Fluoranthene	7.0	20.0	20.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Indeno(1,2,3-c,d)pyrene	7.0	22.0	22.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	2-Methylnaphthalene	7.0	120	120 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Naphthalene	7.0	35.0	35.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Phenanthrene	7.0	57.0	57.0 J -	UG/KG	H2
SW8270C/NONE	SO	072SB-0032-0001-SO	240-18441-17	N	Pyrene	7.0	22.0	22.0 J -	UG/KG	H2
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Benzo(a)pyrene	34.0	60.0	60.0	UG/KG	
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Benzo(b)fluoranthene	34.0	35.0	35.0	UG/KG	
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Benzo(g,h,i)perylene	34.0	23.0	23.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Dibenzofuran	250	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Fluoranthene	34.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Indeno(1,2,3-c,d)pyrene	34.0	41.0	41.0	UG/KG	
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	2-Methylnaphthalene	34.0	62.0	62.0	UG/KG	
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Naphthalene	34.0	46.0	46.0	UG/KG	
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Phenanthrene	34.0	45.0	45.0	UG/KG	
SW8270C/NONE	SO	073SB-0007M-0001-SO	240-18441-21	N	Pyrene	34.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Benzo(a)pyrene	34.0	49.0	49.0	UG/KG	
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Fluoranthene	34.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	2-Methylnaphthalene	34.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Naphthalene	34.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Phenanthrene	34.0	34.0	34.0	UG/KG	
SW8270C/NONE	SO	073SB-0008M-0001-SO	240-18441-22	FD	Pyrene	34.0	32.0	32.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	2-Methylnaphthalene	33.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Phenanthrene	33.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0009M-0001-SO	240-18441-23	N	Pyrene	33.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Benzo(a)pyrene	33.0	45.0	45.0	UG/KG	
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Isophorone	250	74.0	74.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	2-Methylnaphthalene	33.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0012M-0001-SO	240-18441-26	N	Phenanthrene	33.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Benzo(a)pyrene	34.0	60.0	60.0	UG/KG	
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Benzo(b)fluoranthene	34.0	40.0	40.0	UG/KG	
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Benzo(g,h,i)perylene	34.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Dibenzofuran	250	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Fluoranthene	34.0	58.0	58.0	UG/KG	
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	2-Methylnaphthalene	34.0	100	100	UG/KG	
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Naphthalene	34.0	67.0	67.0	UG/KG	
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Phenanthrene	34.0	100	100	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0013M-0001-SO	240-18441-27	N	Pyrene	34.0	64.0	64.0	UG/KG	
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Benzo(a)pyrene	6.7	7.5	7.5	UG/KG	
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Benzo(b)fluoranthene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Benzo(g,h,i)perylene	6.7	5.6	5.6 J -	UG/KG	TR/J
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Dibenzofuran	50.0	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Fluoranthene	6.7	18.0	18.0 J	UG/KG	V1
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Isophorone	50.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	2-Methylnaphthalene	6.7	15.0	15.0	UG/KG	
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Naphthalene	6.7	8.0	8.0	UG/KG	
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Phenanthrene	6.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	073SB-0014M-0001-SO	240-18441-28	N	Pyrene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	bis(2-Ethylhexyl) Phthalate	60.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Fluoranthene	8.0	5.3	5.3 J	UG/KG	TR/V1
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Isophorone	60.0	19.0	19.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Phenanthrene	8.0	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0015M-0001-SO	240-18441-29	N	Pyrene	8.0	5.3	5.3 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0026-0001-SO	N	Antimony	0.20	0.20	R	MG/KG	M
SW6020/NONE	SO	072SB-0028-0001-SO	N	Antimony	0.18	0.18	R	MG/KG	M
SW6020/NONE	SO	072SB-0029-0001-SO	N	Antimony	0.19	0.19	R	MG/KG	M
SW6020/NONE	SO	072SB-0030-0001-SO	N	Antimony	0.16	0.16	R	MG/KG	M
SW6020/NONE	SO	072SB-0031-0001-SO	N	Antimony	0.20	0.20	R	MG/KG	M
SW6020/NONE	SO	072SB-0032-0001-SO	N	Antimony	0.21	0.21	R	MG/KG	M
SW6020/NONE	SO	073SB-0015M-0001-SO	N	Antimony	0.21	0.21	R	MG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Anomalies Count

SDG Name: 240-18441-1_(72-73-75-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	2	2
M8015V/SW3550B/NONE	6	6
SW6020/SW3050B/NONE	11	18
SW7471A/TOTAL/NONE	3	3
SW8081/SW3540C/NONE	2	30
SW8082/SW3540C/NONE	2	14
SW8260B/SW5030B/NONE	4	4
SW8270C/SW3550/NONE	17	208

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	072SB-0030-0001-SO	N	1	Nitrocellulose	50 U	7.8	50	5	MG/KG
E353.2/NONE	073SB-0011M-0001-SO	N	1	Nitrocellulose	47 U	7.3	47	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	072SB-0008-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	120 U	54	120	100	UG/KG
M8015V/NONE	072SB-0009-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	130 U	58	130	100	UG/KG
M8015V/NONE	072SB-0010-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	130 U	59	130	100	UG/KG
M8015V/NONE	072SB-0028-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	49	110	100	UG/KG
M8015V/NONE	072SB-0031-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	120 U	54	120	100	UG/KG
M8015V/NONE	072SB-0032-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	52	110	100	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0007-0001-SO	N	10	Iron	150000	9.8	46	10	MG/KG
SW6020/NONE	072SB-0007-0001-SO	N	10	Manganese	3400 J	0.14	4.6	1	MG/KG
SW6020/NONE	072SB-0008-0001-SO	N	1	Selenium	0.87	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0010-0001-SO	N	10	Iron	66000	10	47	10	MG/KG
SW6020/NONE	072SB-0021-0001-SO	N	10	Iron	52000	10	49	10	MG/KG
SW6020/NONE	072SB-0022-0001-SO	N	10	Iron	50000	8.2	38	10	MG/KG
SW6020/NONE	072SB-0023-0001-SO	N	10	Iron	54000	11	51	10	MG/KG
SW6020/NONE	072SB-0023-0001-SO	N	1	Selenium	0.89	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0024-0001-SO	N	10	Iron	92000	11	49	10	MG/KG
SW6020/NONE	072SB-0027-0001-SO	FD	1	Selenium	0.68	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0031-0001-SO	N	1	Selenium	0.66	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0032-0001-SO	N	1	Selenium	0.59	0.052	0.51	0.5	MG/KG
SW6020/NONE	073SB-0015M-0001-SO	N	1	Barium	16	0.011	1.1	1	MG/KG
SW6020/NONE	073SB-0015M-0001-SO	N	1	Beryllium	0.14	0.008	0.11	0.1	MG/KG
SW6020/NONE	073SB-0015M-0001-SO	N	1	Cadmium	0.067 J	0.014	0.11	0.1	MG/KG
SW6020/NONE	073SB-0015M-0001-SO	N	1	Calcium	3400	1.4	11	10	MG/KG
SW6020/NONE	073SB-0015M-0001-SO	N	1	Magnesium	690 J	1.2	11	10	MG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	073SB-0015M-0001-SO	N	1	Selenium	0.53 U	0.054	0.53	0.5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0023-0001-SO	N	1	Mercury	0.02 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0015M-0001-SO	N	1	Mercury	0.02 J	0.018	0.13	0.1	MG/KG
SW7471A/NONE	075SB-0001-0001-SO	N	1	Mercury	0.05 J	0.016	0.11	0.1	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0030-0001-SO	N	1	Aldrin	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.6 U	0.75	2.6	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	alpha-Chlordane	3.1 U	0.97	3.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.6 U	1.1	3.6	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	beta-Endosulfan	2.6 U	0.84	2.6	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	Endosulfan Sulfate	3.1 U	0.9	3.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	Endrin Aldehyde	3.1 U	1	3.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	Endrin Ketone	2.1 U	0.65	2.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	gamma-BHC (Lindane)	2.6 U	0.76	2.6	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	Heptachlor	3.6 U	1.1	3.6	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	Heptachlor Epoxide	2.6 U	0.82	2.6	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	Methoxychlor	5.1 U	1.5	5.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	p,p'-DDD	2.1 U	0.64	2.1	1.7	UG/KG
SW8081/NONE	072SB-0030-0001-SO	N	1	p,p'-DDT	2.1 U	0.65	2.1	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	Aldrin	3.9 U	1.2	3.9	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.72	2.5	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	alpha-Chlordane	3 U	0.93	3	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.4 U	1.1	3.4	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	3.9 U	1.2	3.9	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.86	3	1.7	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SB-0011M-0001-SO	N	1	Endrin Aldehyde	3 U	0.98	3	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	Endrin Ketone	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	Heptachlor	3.4 U	1.1	3.4	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.79	2.5	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	Methoxychlor	4.9 U	1.5	4.9	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	p,p'-DDD	2 U	0.61	2	1.7	UG/KG
SW8081/NONE	073SB-0011M-0001-SO	N	1	p,p'-DDT	2 U	0.62	2	1.7	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0030-0001-SO	N	1	PCB-1016 (Arochlor 1016)	67 U	22	67	33	UG/KG
SW8082/NONE	072SB-0030-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	072SB-0030-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	072SB-0030-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	072SB-0030-0001-SO	N	1	PCB-1248 (Arochlor 1248)	57 U	17	57	33	UG/KG
SW8082/NONE	072SB-0030-0001-SO	N	1	PCB-1254 (Arochlor 1254)	57 U	17	57	33	UG/KG
SW8082/NONE	072SB-0030-0001-SO	N	1	PCB-1260 (Arochlor 1260)	57 U	17	57	33	UG/KG
SW8082/NONE	073SB-0011M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	073SB-0011M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	073SB-0011M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	073SB-0011M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	39 U	13	39	33	UG/KG
SW8082/NONE	073SB-0011M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	073SB-0011M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	073SB-0011M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,1,1-Trichloroethane	5.4 UJ	0.61	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.4 UJ	0.37	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,1,2-Trichloroethane	5.4 UJ	0.42	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,1-Dichloroethane	5.4 UJ	0.39	5.4	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,1-Dichloroethene	5.4 UJ	0.57	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.4 UJ	0.54	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,2-Dichloroethane	5.4 UJ	0.37	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.84	11	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	1,2-Dichloropropane	5.4 UJ	0.75	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	2-Butanone (MEK)	22 UJ	1.5	22	20	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	2-Hexanone	22 UJ	0.68	22	20	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	22 UJ	0.59	22	20	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Acetone	22 UJ	6.8	22	20	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Benzene	5.4 UJ	0.25	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Bromochloromethane	5.4 UJ	0.77	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Bromodichloromethane	5.4 UJ	0.3	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Bromoform	5.4 UJ	0.36	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Bromomethane	5.4 UJ	0.59	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Carbon Disulfide	5.4 UJ	0.48	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Carbon Tetrachloride	5.4 UJ	0.4	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Chlorobenzene	5.4 UJ	0.36	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Chloroethane	5.4 UJ	0.93	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Chloroform	5.4 UJ	0.32	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Chloromethane	5.4 UJ	0.45	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	cis-1,3-Dichloropropene	5.4 UJ	0.37	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Dibromochloromethane	5.4 UJ	0.6	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Ethylbenzene	5.4 UJ	0.28	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Methylene Chloride	5.4 UJ	0.73	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Styrene	5.4 UJ	0.16	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.4 UJ	0.47	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Tetrachloroethene (PCE)	5.4 UJ	0.57	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Toluene	5.4 UJ	0.29	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	trans-1,3-Dichloropropene	5.4 UJ	0.59	5.4	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0007-0001-SO	N	1	Trichloroethene (TCE)	5.4 UJ	0.46	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Vinyl Chloride	5.4 UJ	0.42	5.4	5	UG/KG
SW8260B/NONE	072SB-0007-0001-SO	N	1	Xylenes, Total	11 UJ	0.73	11	10	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,1,1-Trichloroethane	6.3 UJ	0.7	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,1,2,2-Tetrachloroethane	6.3 UJ	0.43	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,1,2-Trichloroethane	6.3 UJ	0.49	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,1-Dichloroethane	6.3 UJ	0.45	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,1-Dichloroethene	6.3 UJ	0.65	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,2-Dibromoethane (EDB)	6.3 UJ	0.63	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,2-Dichloroethane	6.3 UJ	0.43	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,2-Dichloroethene	13 UJ	0.96	13	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	1,2-Dichloropropane	6.3 UJ	0.86	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	2-Butanone (MEK)	25 UJ	1.8	25	20	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	2-Hexanone	25 UJ	0.79	25	20	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	25 UJ	0.68	25	20	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Acetone	25 UJ	7.9	25	20	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Benzene	6.3 UJ	0.29	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Bromochloromethane	6.3 UJ	0.89	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Bromodichloromethane	6.3 UJ	0.35	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Bromoform	6.3 UJ	0.41	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Bromomethane	6.3 UJ	0.68	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Carbon Disulfide	6.3 UJ	0.55	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Carbon Tetrachloride	6.3 UJ	0.46	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Chlorobenzene	6.3 UJ	0.41	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Chloroethane	6.3 UJ	1.1	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Chloroform	6.3 UJ	0.36	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Chloromethane	6.3 UJ	0.51	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	cis-1,3-Dichloropropene	6.3 UJ	0.43	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Dibromochloromethane	6.3 UJ	0.69	6.3	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0008-0001-SO	N	1	Ethylbenzene	6.3 UJ	0.33	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Methylene Chloride	6.3 UJ	0.84	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Styrene	6.3 UJ	0.19	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6.3 UJ	0.54	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Tetrachloroethene (PCE)	6.3 UJ	0.65	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Toluene	6.3 UJ	0.34	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	trans-1,3-Dichloropropene	6.3 UJ	0.68	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Trichloroethene (TCE)	6.3 UJ	0.53	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Vinyl Chloride	6.3 UJ	0.49	6.3	5	UG/KG
SW8260B/NONE	072SB-0008-0001-SO	N	1	Xylenes, Total	13 UJ	0.84	13	10	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,1,1-Trichloroethane	5.6 UJ	0.63	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.6 UJ	0.38	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,1,2-Trichloroethane	5.6 UJ	0.44	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,1-Dichloroethane	5.6 UJ	0.41	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,1-Dichloroethene	5.6 UJ	0.59	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.6 UJ	0.56	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,2-Dichloroethane	5.6 UJ	0.38	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.87	11	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	1,2-Dichloropropane	5.6 UJ	0.78	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	2-Butanone (MEK)	23 UJ	1.6	23	20	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	2-Hexanone	23 UJ	0.71	23	20	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 UJ	0.61	23	20	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Acetone	23 UJ	7.1	23	20	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Benzene	5.6 UJ	0.26	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Bromochloromethane	5.6 UJ	0.8	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Bromodichloromethane	5.6 UJ	0.32	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Bromoform	5.6 UJ	0.37	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Bromomethane	5.6 UJ	0.61	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Carbon Disulfide	5.6 UJ	0.5	5.6	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0009-0001-SO	N	1	Carbon Tetrachloride	5.6 UJ	0.42	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Chlorobenzene	5.6 UJ	0.37	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Chloroethane	5.6 UJ	0.97	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Chloroform	5.6 UJ	0.33	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Chloromethane	5.6 UJ	0.46	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	cis-1,3-Dichloropropene	5.6 UJ	0.38	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Dibromochloromethane	5.6 UJ	0.62	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Ethylbenzene	5.6 UJ	0.29	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Methylene Chloride	5.6 UJ	0.75	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Styrene	5.6 UJ	0.17	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.6 UJ	0.48	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Tetrachloroethene (PCE)	5.6 UJ	0.59	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Toluene	5.6 UJ	0.3	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	trans-1,3-Dichloropropene	5.6 UJ	0.61	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Trichloroethene (TCE)	5.6 UJ	0.47	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Vinyl Chloride	5.6 UJ	0.44	5.6	5	UG/KG
SW8260B/NONE	072SB-0009-0001-SO	N	1	Xylenes, Total	11 UJ	0.75	11	10	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,1,1-Trichloroethane	6.3 U	0.7	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,1,2,2-Tetrachloroethane	6.3 U	0.43	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,1,2-Trichloroethane	6.3 U	0.49	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,1-Dichloroethane	6.3 U	0.45	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,1-Dichloroethene	6.3 U	0.65	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,2-Dibromoethane (EDB)	6.3 U	0.63	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,2-Dichloroethane	6.3 U	0.43	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,2-Dichloroethene	13 U	0.96	13	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	1,2-Dichloropropane	6.3 U	0.86	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	2-Butanone (MEK)	25 U	1.8	25	20	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	2-Hexanone	25 UJ	0.79	25	20	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	25 U	0.68	25	20	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0010-0001-SO	N	1	Acetone	25 UJ	7.9	25	20	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Benzene	6.3 U	0.29	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Bromochloromethane	6.3 U	0.89	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Bromodichloromethane	6.3 U	0.35	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Bromoform	6.3 U	0.41	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Bromomethane	6.3 U	0.68	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Carbon Disulfide	6.3 U	0.55	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Carbon Tetrachloride	6.3 U	0.46	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Chlorobenzene	6.3 U	0.41	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Chloroethane	6.3 U	1.1	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Chloroform	6.3 U	0.36	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Chloromethane	6.3 U	0.51	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	cis-1,3-Dichloropropene	6.3 U	0.43	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Dibromochloromethane	6.3 U	0.69	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Ethylbenzene	6.3 U	0.33	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Methylene Chloride	6.3 U	0.84	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Styrene	6.3 U	0.19	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6.3 U	0.54	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Tetrachloroethene (PCE)	6.3 U	0.65	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Toluene	6.3 U	0.34	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	trans-1,3-Dichloropropene	6.3 U	0.68	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Trichloroethene (TCE)	6.3 U	0.53	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Vinyl Chloride	6.3 U	0.49	6.3	5	UG/KG
SW8260B/NONE	072SB-0010-0001-SO	N	1	Xylenes, Total	13 U	0.84	13	10	UG/KG
SW8260B/NONE	072SB-0011-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	072SB-0021-0001-SO	N	1	1,2-Dichloroethene	8.4 U	0.64	8.4	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,1,1-Trichloroethane	5.8 U	0.65	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,1,2-Trichloroethane	5.8 U	0.45	5.8	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,1-Dichloroethane	5.8 U	0.42	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,1-Dichloroethene	5.8 U	0.6	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.8 U	0.58	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,2-Dichloroethane	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,2-Dichloroethene	12 U	0.89	12	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	1,2-Dichloropropane	5.8 U	0.8	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	2-Butanone (MEK)	23 U	1.6	23	20	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	2-Hexanone	23 UJ	0.73	23	20	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 U	0.63	23	20	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Acetone	23 UJ	7.3	23	20	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Benzene	5.8 U	0.27	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Bromochloromethane	5.8 U	0.82	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Bromodichloromethane	5.8 U	0.32	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Bromoform	5.8 U	0.38	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Bromomethane	5.8 U	0.63	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Carbon Disulfide	5.8 U	0.51	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Carbon Tetrachloride	5.8 U	0.43	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Chlorobenzene	5.8 U	0.38	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Chloroethane	5.8 U	1	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Chloroform	5.8 U	0.34	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Chloromethane	5.8 U	0.47	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	cis-1,3-Dichloropropene	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Dibromochloromethane	5.8 U	0.64	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Ethylbenzene	5.8 U	0.3	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Methylene Chloride	5.8 U	0.78	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Styrene	5.8 U	0.17	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.8 U	0.5	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Tetrachloroethene (PCE)	5.8 U	0.6	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Toluene	5.8 U	0.31	5.8	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0022-0001-SO	N	1	trans-1,3-Dichloropropene	5.8 U	0.63	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Trichloroethene (TCE)	5.8 U	0.49	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Vinyl Chloride	5.8 U	0.45	5.8	5	UG/KG
SW8260B/NONE	072SB-0022-0001-SO	N	1	Xylenes, Total	12 U	0.78	12	10	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,1,1-Trichloroethane	6.9 UJ	0.78	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,1,2,2-Tetrachloroethane	6.9 UJ	0.47	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,1,2-Trichloroethane	6.9 UJ	0.54	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,1-Dichloroethane	6.9 UJ	0.5	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,1-Dichloroethene	6.9 UJ	0.72	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,2-Dibromoethane (EDB)	6.9 UJ	0.69	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,2-Dichloroethane	6.9 UJ	0.47	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,2-Dichloroethene	14 UJ	1.1	14	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	1,2-Dichloropropane	6.9 UJ	0.96	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	2-Butanone (MEK)	28 UJ	1.9	28	20	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	2-Hexanone	28 UJ	0.87	28	20	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	28 UJ	0.75	28	20	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Acetone	28 UJ	8.7	28	20	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Benzene	6.9 UJ	0.32	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Bromochloromethane	6.9 UJ	0.98	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Bromodichloromethane	6.9 UJ	0.39	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Bromoform	6.9 UJ	0.46	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Bromomethane	6.9 UJ	0.75	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Carbon Disulfide	6.9 UJ	0.61	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Carbon Tetrachloride	6.9 UJ	0.51	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Chlorobenzene	6.9 UJ	0.46	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Chloroethane	6.9 UJ	1.2	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Chloroform	6.9 UJ	0.4	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Chloromethane	6.9 UJ	0.57	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	cis-1,3-Dichloropropene	6.9 UJ	0.47	6.9	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0023-0001-SO	N	1	Dibromochloromethane	6.9 UJ	0.76	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Ethylbenzene	6.9 UJ	0.36	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Methylene Chloride	6.9 UJ	0.93	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Styrene	6.9 UJ	0.21	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6.9 UJ	0.6	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Tetrachloroethene (PCE)	6.9 UJ	0.72	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Toluene	6.9 UJ	0.37	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	trans-1,3-Dichloropropene	6.9 UJ	0.75	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Trichloroethene (TCE)	6.9 UJ	0.58	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Vinyl Chloride	6.9 UJ	0.54	6.9	5	UG/KG
SW8260B/NONE	072SB-0023-0001-SO	N	1	Xylenes, Total	14 UJ	0.93	14	10	UG/KG
SW8260B/NONE	072SB-0024-0001-SO	N	1	1,2-Dichloroethene	9.6 UJ	0.74	9.6	5	UG/KG
SW8260B/NONE	072SB-0025-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	072SB-0026-0001-SO	N	1	Benzene	5.1 UJ	0.24	5.1	5	UG/KG
SW8260B/NONE	072SB-0026-0001-SO	N	1	Ethylbenzene	5.1 UJ	0.27	5.1	5	UG/KG
SW8260B/NONE	072SB-0026-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.1 UJ	0.44	5.1	5	UG/KG
SW8260B/NONE	072SB-0026-0001-SO	N	1	Toluene	5.1 UJ	0.28	5.1	5	UG/KG
SW8260B/NONE	072SB-0028-0001-SO	N	1	Benzene	5.2 U	0.24	5.2	5	UG/KG
SW8260B/NONE	072SB-0028-0001-SO	N	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG
SW8260B/NONE	072SB-0028-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.2 U	0.44	5.2	5	UG/KG
SW8260B/NONE	072SB-0028-0001-SO	N	1	Toluene	5.2 U	0.28	5.2	5	UG/KG
SW8260B/NONE	072SB-0030-0001-SO	N	1	1,2-Dichloroethene	8.8 UJ	0.68	8.8	5	UG/KG
SW8260B/NONE	072SB-0033-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	072SB-0034-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0026-0001-SO	N	1	Benzyl alcohol	340 U	22	340	330	UG/KG
SW8270C/NONE	072SB-0026-0001-SO	N	1	Benzyl alcohol	350 UJ	22	350	330	UG/KG
SW8270C/NONE	072SB-0026-0001-SO	N	1	Carbazole	52 UJ	28	52	50	UG/KG
SW8270C/NONE	072SB-0026-0001-SO	N	1	Carbazole	53 UJ	28	53	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0026-0001-SO	N	1	Cresols, m & p	410 U	21	410	300	UG/KG
SW8270C/NONE	072SB-0026-0001-SO	N	1	Cresols, m & p	420 UJ	21	420	300	UG/KG
SW8270C/NONE	072SB-0026-0001-SO	N	1	Hexachlorocyclopentadiene	340 UJ	28	340	330	UG/KG
SW8270C/NONE	072SB-0026-0001-SO	N	1	Hexachlorocyclopentadiene	350 UJ	28	350	330	UG/KG
SW8270C/NONE	072SB-0026-0002-SO	N	1	Hexachlorocyclopentadiene	340 U	28	340	330	UG/KG
SW8270C/NONE	072SB-0026-0002-SO	N	1	Hexachlorocyclopentadiene	340 UJ	28	340	330	UG/KG
SW8270C/NONE	072SB-0027-0001-SO	FD	1	Benzyl alcohol	340 U	22	340	330	UG/KG
SW8270C/NONE	072SB-0027-0001-SO	FD	1	Carbazole	52 U	28	52	50	UG/KG
SW8270C/NONE	072SB-0027-0001-SO	FD	1	Cresols, m & p	410 U	21	410	300	UG/KG
SW8270C/NONE	072SB-0027-0001-SO	FD	1	Hexachlorocyclopentadiene	340 U	28	340	330	UG/KG
SW8270C/NONE	072SB-0028-0001-SO	N	1	Benzyl alcohol	340 UJ	22	340	330	UG/KG
SW8270C/NONE	072SB-0028-0001-SO	N	1	Benzyl alcohol	350 UJ	22	350	330	UG/KG
SW8270C/NONE	072SB-0028-0001-SO	N	1	Carbazole	52 UJ	28	52	50	UG/KG
SW8270C/NONE	072SB-0028-0001-SO	N	1	Carbazole	53 U	29	53	50	UG/KG
SW8270C/NONE	072SB-0028-0001-SO	N	1	Cresols, m & p	420 UJ	21	420	300	UG/KG
SW8270C/NONE	072SB-0028-0001-SO	N	1	Hexachlorocyclopentadiene	340 UJ	28	340	330	UG/KG
SW8270C/NONE	072SB-0028-0001-SO	N	1	Hexachlorocyclopentadiene	350 U	29	350	330	UG/KG
SW8270C/NONE	072SB-0029-0001-SO	N	1	Benzyl alcohol	340 U	22	340	330	UG/KG
SW8270C/NONE	072SB-0029-0001-SO	N	1	Carbazole	52 U	28	52	50	UG/KG
SW8270C/NONE	072SB-0029-0001-SO	N	1	Cresols, m & p	410 U	21	410	300	UG/KG
SW8270C/NONE	072SB-0029-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	28	340	330	UG/KG
SW8270C/NONE	072SB-0030-0001-SO	N	1	Benzyl alcohol	340 U	21	340	330	UG/KG
SW8270C/NONE	072SB-0030-0001-SO	N	1	Carbazole	51 U	28	51	50	UG/KG
SW8270C/NONE	072SB-0030-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	072SB-0030-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	28	340	330	UG/KG
SW8270C/NONE	072SB-0031-0001-SO	N	1	Benzyl alcohol	350 U	22	350	330	UG/KG
SW8270C/NONE	072SB-0031-0001-SO	N	1	Carbazole	53 U	28	53	50	UG/KG
SW8270C/NONE	072SB-0031-0001-SO	N	1	Cresols, m & p	420 U	21	420	300	UG/KG
SW8270C/NONE	072SB-0031-0001-SO	N	1	Hexachlorocyclopentadiene	350 U	28	350	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0032-0001-SO	N	1	Benzyl alcohol	340 UJ	22	340	330	UG/KG
SW8270C/NONE	072SB-0032-0001-SO	N	1	Carbazole	52 U	28	52	50	UG/KG
SW8270C/NONE	072SB-0032-0001-SO	N	1	Carbazole	52 UJ	28	52	50	UG/KG
SW8270C/NONE	072SB-0032-0001-SO	N	1	Cresols, m & p	420 UJ	21	420	300	UG/KG
SW8270C/NONE	072SB-0032-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	28	340	330	UG/KG
SW8270C/NONE	072SB-0032-0001-SO	N	1	Hexachlorocyclopentadiene	340 UJ	28	340	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 UJ	91	510	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	073SB-0007M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2,4-Dinitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	3,3'-Dichlorobenzidine	510 UJ	92	510	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	Benzoic acid	3400 U	1700	3400	800	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	073SB-0008M-0001-SO	FD	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2,4,6-Trichlorophenol	740 U	390	740	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2,4-Dichlorophenol	740 U	99	740	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2,4-Dimethylphenol	740 U	99	740	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2,4-Dinitrophenol	1600 U	390	1600	800	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2,4-Dinitrotoluene	990 U	130	990	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2,6-Dinitrotoluene	990 U	100	990	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2-Methylphenol (o-Cresol)	990 U	390	990	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	2-Nitroaniline	990 U	45	990	800	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	3,3'-Dichlorobenzidine	490 UJ	89	490	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	3-Nitroaniline	990 U	79	990	800	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	4-Chloro-3-Methylphenol	740 U	100	740	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	4-Chloroaniline	740 U	84	740	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	4-Nitroaniline	990 U	130	990	800	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	4-Nitrophenol	1600 U	390	1600	800	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	Benzoic acid	3300 U	1600	3300	800	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	Benzyl alcohol	1600 U	100	1600	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	490 U	110	490	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490 U	9.9	490	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	490 U	47	490	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	Carbazole	250 U	130	250	50	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	Cresols, m & p	2000 U	99	2000	300	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	Hexachlorocyclopentadiene	1600 U	130	1600	330	UG/KG
SW8270C/NONE	073SB-0009M-0001-SO	N	5	Nitrobenzene	490 U	11	490	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	3,3'-Dichlorobenzidine	500 UJ	91	500	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	4-Chloroaniline	760 U	86	760	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	073SB-0010M-0001-SO	FD	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 UJ	90	500	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0011M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	073SB-0011M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2,4,6-Trichlorophenol	740 U	390	740	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2,4-Dichlorophenol	740 U	98	740	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2,4-Dimethylphenol	740 U	98	740	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2,4-Dinitrophenol	1600 U	390	1600	800	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2,4-Dinitrotoluene	980 U	130	980	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2,6-Dinitrotoluene	980 U	100	980	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2-Methylphenol (o-Cresol)	980 U	390	980	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	2-Nitroaniline	980 U	45	980	800	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	3,3'-Dichlorobenzidine	490 UJ	89	490	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	3-Nitroaniline	980 U	79	980	800	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	4-Chloro-3-Methylphenol	740 U	100	740	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	4-Chloroaniline	740 U	84	740	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	4-Nitroaniline	980 U	130	980	800	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	4-Nitrophenol	1600 U	390	1600	800	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	Benzoic acid	3200 U	1600	3200	800	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	Benzyl alcohol	1600 U	100	1600	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	490 U	110	490	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490 U	9.8	490	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	490 U	47	490	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	Carbazole	250 U	130	250	50	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	Cresols, m & p	2000 U	98	2000	300	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	Hexachlorocyclopentadiene	1600 U	130	1600	330	UG/KG
SW8270C/NONE	073SB-0012M-0001-SO	N	5	Nitrobenzene	490 U	11	490	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Reporting Anomalies

SDG Name: 240-18441-1_(72-73-75-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 UJ	91	500	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	073SB-0013M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	073SB-0014M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0015M-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	073SB-0015M-0001-SO	N	1	Carbazole	60 U	32	60	50	UG/KG
SW8270C/NONE	073SB-0015M-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	073SB-0015M-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Worksheet

SDG Name: 240-18441-1_(72-73-75-SB)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?		N		ICV %R above QC criteria; all samples ND, no impact.
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?		N		
Was a field blank collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	No field duplicate submitted for this analysis
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a duplicate sample prepared and analyzed with each batch?			•	Not Required
Was the duplicate RPD within QAPP acceptance limits?			•	Not Required
Was a MS/MSD pair prepared with each batch?		N		Not Required
Is the MS/MSD parent sample the one designated by the sampling team?			•	No samples submitted for MS/MSD analysis
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Method: M8015D				

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: M8015V

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS Only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: SW6020

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			Dilutions performed on sample 1 (Fe and Mn X10), and samples 4 and 6-9 (Fe X10).
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			All blank detections were below the CRQL. Ca detected in ICBs. Al, Ca, Mn, and Se detected in CCBs, Al, Ca, Fe, and Mn detected in MB1. Al, Ba, Ca, Cu, Fe, and Mn detected in MB2. Al and Ca detected in MB3. All associated sample data > CRQL and > 10x blank concentration. No impact on samples.
Was a field blank collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	Y			
Was the ICS recovery within QAPP acceptance limits?	Y			Ba, Cd, Co, Cu, Mn, Ni, and Zn noted in both ISCAs as having values > MDLs. However, all values were below their CRQLs; no impact on data.
If a field duplicate was analyzed, were the RPDs within criteria?		N		As, Ba and Ca RPDs for samples 11/12 (072SB) outside QC criteria. Qualified as estimates As, Ba, and Ca for all 072SB samples in package (samples 1-4, 6-9, 11-17). Ca RPD for samples 21/22 (073SB) outside criteria.. As all RPDs within QC criteria for samples 23/24 (073SB), qualified sample results for 21/22 only as estimates.)
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			MS/Lab Duplicate Performed
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD within QAPP acceptance limits?		N		MS recovery in sample 11 were below QC criteria (<30%) for Sb. All Sb 072SB detected results (samples 1-4, 6-9 and 12) are

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

considered estimates and 072SB ND results (samples 11 and 13-17) are Rejected. MS recovery in sample 11 were below QC criteria for Tl. All Tl 072 SB results are considered estimates (samples 1-4, 6-9, 11-17). MS recovery in sample 21 below QC criteria (<30%) for Sb. All Sb 073SB detected results (samples 21-28) are considered estimates and the 073SB ND result (sample 29) is Rejected. MS recoveries in sample 21 were above QC criteria for Mg, Va, and K. All Mg, Va, and K results (all detects) are considered estimates (samples 21-29). RPDs were within QC criteria for lab duplicates of samples 11 and 21. All recoveries were within QC limits for the post-digestion spike samples analyzed for samples 11 and 21.

Was a serial dilution prepared and analyzed with each batch?	Y			
Was the serial dilution within QAPP acceptance limits?		N		SD % Difference result for Zn in sample 11 was outside QC criteria. Zn results for 072SB samples are considered estimates (samples 1-4, 6-9, 11-17). All %D were within QC criteria for the sample 21 SD.
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

Method: SW7471A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?		N		

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Was a field blank collected and analyzed?	N	Not Required
Were target analytes reported in the field blank analyses above the MDL?		•
Was the ICS recovery within QAPP acceptance limits?		• Not Required
If a field duplicate was analyzed, were the RPDs within criteria?	Y	
Was a LCS prepared and analyzed with each batch?	Y	
Were the LCS recoveries within QAPP acceptance limits?	Y	
Was a MS/MSD pair prepared with each batch?	Y	MS/Lab Duplicate Performed
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were the MS/MSD within QAPP acceptance limits?	Y	
Were sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	

Method: SW8081				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Were the LCS recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?		•	No Field duplicate submitted for this analysis.
Were the Breakdown products within QAPP acceptance limits?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?		N	No MS/MSD requested for this analysis.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•	Not Required
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?		•	No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

Method: SW8082

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			•	Not Required

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Were surrogate recoveries within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y	Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		•
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?		• No Field duplicate submitted for this analysis.
Were the Breakdown products within QAPP acceptance limits?		• Not Required
Is the MS/MSD parent sample the one designated by the sampling team?	N	No MS/MSD requested for this analysis.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		• Not Required
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?		• No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	
Were instrument run logs present and filled out appropriately?	Y	

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

analytes within criteria? Was a different calibration option used?		
If a linear regression curve was used, was the correlation coefficient within criteria?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Did the CCCs have a %Difference within QAPP acceptance limits?	Y	
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	N	I.S. areas for DCB below QC limits for samples 12 and 15 (potential positive bias). Given that the only compound quantitated using DCB on the target analyte list is 1,1,2,2,-TCA, and TCA is ND in sample 15, and non-target for sample 12 (analyzed for BTEX + MTBE), there is no impact to the data.
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	2-Hexanone detected in MB. No impact on data.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y	4 Trip blank submitted.
Were target analytes reported in the field blank analyses above the MDL?	Y	TB sample 10 and TB sample 30 all ND. Acetone detected < CRQL in TB sample 18 and carbon disulfide detected < CRQL in TB sample 19. Neither compound detected in associated data; impact on data.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		•
Was the duplicate RPD within QAPP acceptance limits?		•
Are all samples associated with QC non-compliances flagged appropriately?	Y	Acetone and 2-Hexanone recoveries below QC criteria in one MRL set; impacted results in samples 1-4, 6-9 and 15.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Were surrogate recoveries within QAPP acceptance limits?	N	Surrogate recoveries below QC criteria for samples 1, 2, 3, 8, 9, 11, 12, 14, 15, and 17. Lab re-analyzed all samples to confirm surrogate issue, reporting original results. All results for samples 1, 2, 3, 8, 9, 11, 12, 14, 15, and 17 qualified/considered estimates.
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were instrument run logs present and filled out appropriately?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	
Method: SW8270C		
Review Questions	Yes	NoNAComment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y	
Were samples preserved properly and received in good condition?	Y	
Were holding times met?	N	Samples 11, 13, and 17 were re-extracted and re-analyzed due to a surrogate issue. The re-extracted results were beyond extraction hold time. Following an evaluation of the data, ECC determined to report the original results from sample 11 and the re-extracted results from samples 13 and 17 as the better, more conservative data. All SVOC results from samples 13 and 17 are considered estimates due to extraction beyond hold time.
Were sample receipt temperatures met?	Y	
Were QAPP specified PQLs achieved?	Y	
Were all QAPP-specified target analytes reported?	Y	
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y	
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y	
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y	
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y	
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y	
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y	
If a linear regression curve was used, was the correlation coefficient within criteria?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria?	N	3,3'-DCB %D>20 in three ICVs; samples 11-17, 21-29, and 11, 13, and 17 re-extracted results are impacted. 2,4-Dichlorophenol, di-n-butyl phthalate, and fluoranthene %D>20 in one ICV; sample 28, 29 and 11 re-extract are

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

		impacted. Hexachlorobenzene %D>20 in one ICV; samples 11, and 13 and 15 re-extracted results are impacted.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Did the CCCs have a %Difference within QAPP acceptance limits?	Y	
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	BEHP detected in one MB; impacted results in samples 11 re-extract (changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	N	Not Required
Were target analytes reported in the field blank analyses above the MDL?		•
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	N	The RPDs for benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, 2-methyl naphthalene, naphthalene, and pyrene for samples 11/22 are outside QC criteria. These results in this sample pair are qualified as estimates. All RPDs for samples 21/22 and 23/24 are within QC criteria (all results ND or < CRQL).
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		•
Was the duplicate RPD within QAPP acceptance limits?		• No Lab duplicate
Are all samples associated with QC non-compliances flagged appropriately?	Y	Benzo(g,h,i)perylene, 4,6-dinitro-2-methylphenol, and , 2,4-dinitrophenol recoveries below QC criteria in one MRL; impacted results for samples 28 and 29. Benzoic acid, 4,6-dinitro-2-methylphenol, 2,4-dinitrophenol and pentachlorophenol recoveries below QC criteria in one MRL; impacted results for samples 13 and 17 re-extracts. 4-Nitrophenol % recoveries above QC criteria in one MRL; as associated samples ND, no impact. N-nitrosodiphenylamine recovery 0% in one MRL; associated sample 11 re-extract result Rejected.

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	N			MS/MSD Sample 11 - Pentachlorophenol MS recovery below QC criteria and RPD outside QC criteria; impacted sample 11 data result. MS/MSD Sample 11 Re-extract - MS and/or MSD recoveries below QC criteria for 1,2-DCB, 1,3-DCB, bis(2-chloroethoxy)methane, and 1,2,4-trchlorobenzene; impacted sample 11 Re-extract data results. MS/MSD Sample 21 - Pentachlorophenol MS and MSD 0% recovery. As dilution made recovery for this result more difficult, sample 21 result qualified as an estimate.
Were surrogate recoveries within QAPP acceptance limits?	N			One base/neutral (B/N) surrogate recovered below QC limits for sample 11. All B/N compounds are considered estimates in that sample. One acid surrogate recovered below QC limits for samples 13 and 17. All acid compounds are considered estimates in those samples. All surrogate recoveries within QC criteria for all three re-extracted/re-analyzed samples. One acid surrogate recovered below QC limits for samples 6, 7, and 9. As these samples were analyzed for PAHs only (all B/N compounds) there is no impact to the data.
Were reported sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were instrument run logs present and filled out appropriately?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18441-1_(72-73-75-SB)

Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y		
Was the CCV a mid-level standard from the initial calibration curve?	Y		
Was the CCV %D within criteria (%D =20%)?	Y		CCVLs had results >20%; lab performed required corrective action.
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?		N	
Was a field blank (equipment or trip) collected and analyzed?		N	Not Required
Were target analytes reported in the field blank analyses above the MDL?			•
Were surrogate recoveries within QAPP acceptance limits?	Y		
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y		Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			• No field duplicate submitted
Is the MS/MSD parent sample the one designated by the sampling team?		N	No MS/MSD requested for this analysis.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			• Not Required
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?			• All results ND
Did PDA spectra for reported compounds match associated standard spectra?			• Not required
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

WORKSHEET 4

Automated Data Review Summary for 240-18449-1

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AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor: ECC

SDG: 240-18449-1_(72-73-SB), Certified - 1/8/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer: Samir Naguib

Data Reviewer Title: Sr. QA Chemist

Date of Review Report: January 11, 2013

Samples Included in SDG 240-18449-1_(72-73-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	1		0	
M8015D/NONE	17		1	
M8015V/NONE	17		1	
SW6020/NONE	17		1	
SW7471A/NONE	17		1	
SW8081/NONE	1		0	
SW8082/NONE	1		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8260B/NONE	18	3	1	0
SW8270C/NONE	17		1	
SW8330B/NONE	1		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18449-1_(72-73-SB). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Field Blank

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 198 results (13.98%) out of the 1416 results (sample and field QC samples) reported are qualified based on review and 7 results (0.49%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

M8015V	
SW6020	
SW7471A	
SW8081	
SW8082	
SW8260B	
SW8270C	
SW8330B	

11-Jan-2013

Reviewed by Samir Naguib, Sr. QA Chemist

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
M	MS Recovery
N	Blank - No Action
O	ICS
P	Sample preservation/collection requirement not met.

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reason and Comment Code Definitions

P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

Flag Code and Definitions

Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7694	7431	NA	LABQC	SQ	LABQC	MB 320-7372/1-B		1/1	17-Dec-2012 7:02 AM	17-Dec-2012 7:02 AM	18-Dec-2012 12:40 PM	LB
	7431	NA	LABQC	SQ	LABQC	LCS 320-7372/2-B		1/1	17-Dec-2012 7:02 AM	17-Dec-2012 7:02 AM	18-Dec-2012 12:42 PM	BS
	7431	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	17-Dec-2012 7:02 AM	18-Dec-2012 1:28 PM	N
Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69475	69161	NA	LABQC	SQ	LABQC	MB 240-69161/21-A		1/1	18-Dec-2012 9:07 AM	18-Dec-2012 9:07 AM	19-Dec-2012 10:59 PM	LB
	69161	NA	LABQC	SQ	LABQC	LCS 240-69161/22-A		1/1	18-Dec-2012 9:07 AM	18-Dec-2012 9:07 AM	19-Dec-2012 11:29 PM	BS
	69161	NA	72-ASY-03-SB1	SO	072SB-0035-0001-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	18-Dec-2012 9:07 AM	19-Dec-2012 11:59 PM	N
	69161	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	18-Dec-2012 9:07 AM	20-Dec-2012 12:29 AM	MS
	69161	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	18-Dec-2012 9:07 AM	20-Dec-2012 1:00 AM	SD
	69161	NA	72-ASY-03-SB1	SO	072SB-0036-0001-SO	240-18449-3		1/1	05-Dec-2012 11:20 AM	18-Dec-2012 9:07 AM	20-Dec-2012 1:30 AM	FD
	69161	NA	72-ASY-03-SB2	SO	072SB-0037-0001-SO	240-18449-4		1/1	05-Dec-2012 11:42 AM	18-Dec-2012 9:07 AM	20-Dec-2012 2:00 AM	N
	69161	NA	72-ASY-03-SB3	SO	072SB-0038-0001-SO	240-18449-5		1/1	05-Dec-2012 11:56 AM	18-Dec-2012 9:07 AM	20-Dec-2012 2:30 AM	N
	69161	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	18-Dec-2012 9:07 AM	20-Dec-2012 3:00 AM	N
	69161	NA	72-ASY-03-SB5	SO	072SB-0040-0001-SO	240-18449-7		1/1	05-Dec-2012 12:10 PM	18-Dec-2012 9:07 AM	20-Dec-2012 3:31 AM	N
	69161	NA	72-ASY-03-SB1	SO	072SB-0041-0001-SO	240-18449-8		1/1	05-Dec-2012 11:29 AM	18-Dec-2012 9:07 AM	20-Dec-2012 4:31 AM	N
	69161	NA	72-ASY-02-SB1	SO	072SB-0043-0001-SO	240-18449-10		1/1	05-Dec-2012 2:00 PM	18-Dec-2012 9:07 AM	20-Dec-2012 5:02 AM	N
	69161	NA	72-ASY-02-SB2	SO	072SB-0044-0001-SO	240-18449-11		1/1	05-Dec-2012 2:23 PM	18-Dec-2012 9:07 AM	20-Dec-2012 5:32 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69475	69161	NA	72-ASY-02-SB3	SO	072SB-0045-0001-SO	240-18449-12		1/1	05-Dec-2012 2:36 PM	18-Dec-2012 9:07 AM	20-Dec-2012 6:02 AM	N
	69161	NA	72-ASY-02-SB4	SO	072SB-0046-0001-SO	240-18449-13		1/1	05-Dec-2012 2:55 PM	18-Dec-2012 9:07 AM	20-Dec-2012 6:32 AM	N
	69161	NA	72-ASY-02-SB5	SO	072SB-0047-0001-SO	240-18449-14		1/1	05-Dec-2012 3:17 PM	18-Dec-2012 9:07 AM	20-Dec-2012 7:03 AM	N
	69161	NA	72-ASY-04-SB1	SO	072SB-0049-0001-SO	240-18449-16		1/1	05-Dec-2012 4:13 PM	18-Dec-2012 9:07 AM	20-Dec-2012 7:33 AM	N
	69161	NA	72-ASY-04-SB2	SO	072SB-0050-0001-SO	240-18449-17		1/1	05-Dec-2012 4:42 PM	18-Dec-2012 9:07 AM	20-Dec-2012 8:03 AM	N
	69161	NA	72-ASY-05-SB1	SO	072SB-0051-0001-SO	240-18449-18		1/1	05-Dec-2012 4:20 PM	18-Dec-2012 9:07 AM	20-Dec-2012 8:34 AM	N
	69161	NA	72-ASY-05-SB2	SO	072SB-0052-0001-SO	240-18449-19		1/1	05-Dec-2012 4:50 PM	18-Dec-2012 9:07 AM	20-Dec-2012 9:04 AM	N
	69161	NA	72-ASY-05-SB3	SO	072SB-0053-0001-SO	240-18449-20		1/1	05-Dec-2012 4:00 PM	18-Dec-2012 9:07 AM	20-Dec-2012 10:05 AM	N
	69161	NA	72-ASY-05-SB4	SO	072SB-0054-0001-SO	240-18449-21		1/1	05-Dec-2012 3:55 PM	18-Dec-2012 9:07 AM	20-Dec-2012 10:35 AM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69142	NA	NA	LABQC	SQ	LABQC	MB 240-69142/7		1/1	18-Dec-2012 12:55 PM		18-Dec-2012 12:55 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-69142/8		1/1	18-Dec-2012 1:33 PM		18-Dec-2012 1:33 PM	BS
	69179	NA	72-ASY-03-SB1	SO	072SB-0035-0001-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	18-Dec-2012 2:11 PM	N
	69179	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	18-Dec-2012 2:49 PM	MS
	69179	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	18-Dec-2012 3:27 PM	SD
	69179	NA	72-ASY-03-SB1	SO	072SB-0036-0001-SO	240-18449-3		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	18-Dec-2012 4:05 PM	FD
	69179	NA	72-ASY-03-SB2	SO	072SB-0037-0001-SO	240-18449-4		1/1	05-Dec-2012 11:42 AM	06-Dec-2012 9:00 PM	18-Dec-2012 4:43 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69142	69179	NA	72-ASY-03-SB3	SO	072SB-0038-0001-SO	240-18449-5		1/1	05-Dec-2012 11:56 AM	06-Dec-2012 9:00 PM	18-Dec-2012 5:21 PM	N
	69179	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	06-Dec-2012 9:00 PM	18-Dec-2012 6:00 PM	N
	69179	NA	72-ASY-03-SB5	SO	072SB-0040-0001-SO	240-18449-7		1/1	05-Dec-2012 12:10 PM	06-Dec-2012 9:00 PM	18-Dec-2012 7:17 PM	N
	69179	NA	72-ASY-03-SB1	SO	072SB-0041-0001-SO	240-18449-8		1/1	05-Dec-2012 11:29 AM	06-Dec-2012 9:00 PM	18-Dec-2012 7:56 PM	N
	69179	NA	72-ASY-02-SB1	SO	072SB-0043-0001-SO	240-18449-10		1/1	05-Dec-2012 2:00 PM	06-Dec-2012 9:00 PM	18-Dec-2012 8:34 PM	N
	69179	NA	72-ASY-02-SB2	SO	072SB-0044-0001-SO	240-18449-11		1/1	05-Dec-2012 2:23 PM	06-Dec-2012 9:00 PM	18-Dec-2012 9:13 PM	N
	69179	NA	72-ASY-02-SB3	SO	072SB-0045-0001-SO	240-18449-12		1/1	05-Dec-2012 2:36 PM	06-Dec-2012 9:00 PM	18-Dec-2012 9:51 PM	N
	69179	NA	72-ASY-02-SB4	SO	072SB-0046-0001-SO	240-18449-13		1/1	05-Dec-2012 2:55 PM	06-Dec-2012 9:00 PM	18-Dec-2012 10:28 PM	N
	69179	NA	72-ASY-02-SB5	SO	072SB-0047-0001-SO	240-18449-14		1/1	05-Dec-2012 3:17 PM	06-Dec-2012 9:00 PM	18-Dec-2012 11:06 PM	N
	69179	NA	72-ASY-04-SB1	SO	072SB-0049-0001-SO	240-18449-16		1/1	05-Dec-2012 4:13 PM	06-Dec-2012 9:00 PM	18-Dec-2012 11:44 PM	N
	69179	NA	72-ASY-04-SB2	SO	072SB-0050-0001-SO	240-18449-17		1/1	05-Dec-2012 4:42 PM	06-Dec-2012 9:00 PM	19-Dec-2012 12:22 AM	N
	69179	NA	72-ASY-05-SB1	SO	072SB-0051-0001-SO	240-18449-18		1/1	05-Dec-2012 4:20 PM	06-Dec-2012 9:00 PM	19-Dec-2012 1:00 AM	N
	69179	NA	72-ASY-05-SB2	SO	072SB-0052-0001-SO	240-18449-19		1/1	05-Dec-2012 4:50 PM	06-Dec-2012 9:00 PM	19-Dec-2012 2:15 AM	N
	69179	NA	72-ASY-05-SB3	SO	072SB-0053-0001-SO	240-18449-20		1/1	05-Dec-2012 4:00 PM	06-Dec-2012 9:00 PM	19-Dec-2012 2:52 AM	N
	69179	NA	72-ASY-05-SB4	SO	072SB-0054-0001-SO	240-18449-21		1/1	05-Dec-2012 3:55 PM	06-Dec-2012 9:00 PM	19-Dec-2012 3:30 AM	N
Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59320	59174	NA	LABQC	SQ	LABQC	MB 180-59174/1-A		1/1	11-Dec-2012 10:50 AM	11-Dec-2012 10:50 AM	23-Dec-2012 10:27 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59320	59174	NA	LABQC	SQ	LABQC	LCS 180-59174/2-A		1/1	11-Dec-2012 10:50 AM	11-Dec-2012 10:50 AM	23-Dec-2012 10:32 PM	BS
	59174	NA	72-ASY-03-SB1	SO	072SB-0036-0001-SO	240-18449-3		1/1	05-Dec-2012 11:20 AM	11-Dec-2012 10:50 AM	24-Dec-2012 12:56 AM	FD
	59174	NA	72-ASY-03-SB2	SO	072SB-0037-0001-SO	240-18449-4		1/1	05-Dec-2012 11:42 AM	11-Dec-2012 10:50 AM	24-Dec-2012 1:00 AM	N
	59174	NA	72-ASY-03-SB3	SO	072SB-0038-0001-SO	240-18449-5		1/1	05-Dec-2012 11:56 AM	11-Dec-2012 10:50 AM	24-Dec-2012 1:20 AM	N
	59174	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	11-Dec-2012 10:50 AM	24-Dec-2012 1:24 AM	N
59603	59175	NA	LABQC	SQ	LABQC	MB 180-59175/1-A		1/1	12-Dec-2012 12:22 PM	12-Dec-2012 12:22 PM	27-Dec-2012 4:38 PM	LB
	59175	NA	LABQC	SQ	LABQC	LCS 180-59175/2-A		1/1	12-Dec-2012 12:22 PM	12-Dec-2012 12:22 PM	27-Dec-2012 4:42 PM	BS
	59175	NA	72-ASY-03-SB1	SO	072SB-0035-0001-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	12-Dec-2012 12:22 PM	27-Dec-2012 5:33 PM	N
	59175	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	12-Dec-2012 12:22 PM	27-Dec-2012 5:42 PM	SD
	59175	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	12-Dec-2012 12:22 PM	27-Dec-2012 5:46 PM	MS
	59175	NA	72-ASY-03-SB5	SO	072SB-0040-0001-SO	240-18449-7		1/1	05-Dec-2012 12:10 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:01 PM	N
	59175	NA	72-ASY-03-SB1	SO	072SB-0041-0001-SO	240-18449-8		1/1	05-Dec-2012 11:29 AM	12-Dec-2012 12:22 PM	27-Dec-2012 6:05 PM	N
	59175	NA	72-ASY-02-SB1	SO	072SB-0043-0001-SO	240-18449-10		1/1	05-Dec-2012 2:00 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:09 PM	N
	59175	NA	72-ASY-02-SB2	SO	072SB-0044-0001-SO	240-18449-11		1/1	05-Dec-2012 2:23 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:14 PM	N
	59175	NA	72-ASY-02-SB3	SO	072SB-0045-0001-SO	240-18449-12		1/1	05-Dec-2012 2:36 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:33 PM	N
	59175	NA	72-ASY-02-SB4	SO	072SB-0046-0001-SO	240-18449-13		1/1	05-Dec-2012 2:55 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:37 PM	N
	59175	NA	72-ASY-02-SB5	SO	072SB-0047-0001-SO	240-18449-14		1/1	05-Dec-2012 3:17 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:42 PM	N
	59175	NA	72-ASY-04-SB1	SO	072SB-0049-0001-SO	240-18449-16		1/1	05-Dec-2012 4:13 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:46 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59603	59175	NA	72-ASY-04-SB2	SO	072SB-0050-0001-SO	240-18449-17		1/1	05-Dec-2012 4:42 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:50 PM	N
	59175	NA	72-ASY-05-SB1	SO	072SB-0051-0001-SO	240-18449-18		1/1	05-Dec-2012 4:20 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:55 PM	N
	59175	NA	72-ASY-05-SB2	SO	072SB-0052-0001-SO	240-18449-19		1/1	05-Dec-2012 4:50 PM	12-Dec-2012 12:22 PM	27-Dec-2012 6:59 PM	N
	59175	NA	72-ASY-05-SB3	SO	072SB-0053-0001-SO	240-18449-20		1/1	05-Dec-2012 4:00 PM	12-Dec-2012 12:22 PM	27-Dec-2012 7:03 PM	N
	59175	NA	72-ASY-05-SB4	SO	072SB-0054-0001-SO	240-18449-21		1/1	05-Dec-2012 3:55 PM	12-Dec-2012 12:22 PM	27-Dec-2012 7:08 PM	N
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68177	NA	LABQC	SQ	LABQC	MB 240-68177/1-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:21 PM	LB
	68177	NA	LABQC	SQ	LABQC	LCS 240-68177/2-A		1/1	11-Dec-2012 3:45 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:23 PM	BS
	68177	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	11-Dec-2012 3:45 PM	13-Dec-2012 7:42 PM	N
	68177	NA	72-ASY-03-SB3	SO	072SB-0038-0001-SO	240-18449-5		1/1	05-Dec-2012 11:56 AM	11-Dec-2012 3:45 PM	13-Dec-2012 7:53 PM	N
	68177	NA	72-ASY-03-SB2	SO	072SB-0037-0001-SO	240-18449-4		1/1	05-Dec-2012 11:42 AM	11-Dec-2012 3:45 PM	13-Dec-2012 8:01 PM	N
	68177	NA	72-ASY-03-SB1	SO	072SB-0036-0001-SO	240-18449-3		1/1	05-Dec-2012 11:20 AM	11-Dec-2012 3:45 PM	13-Dec-2012 8:25 PM	FD
	68388	NA	LABQC	SQ	LABQC	MB 240-68388/1-A		1/1	12-Dec-2012 3:05 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:28 PM	LB
	68388	NA	LABQC	SQ	LABQC	LCS 240-68388/2-A		1/1	12-Dec-2012 3:05 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:29 PM	BS
	68388	NA	72-ASY-03-SB1	SO	072SB-0035-0001-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:31 PM	N
	68388	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:33 PM	SD
	68388	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:36 PM	MS

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68388	NA	72-ASY-05-SB4	SO	072SB-0054-0001-SO	240-18449-21		1/1	05-Dec-2012 3:55 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:44 PM	N
	68388	NA	72-ASY-04-SB2	SO	072SB-0050-0001-SO	240-18449-17		1/1	05-Dec-2012 4:42 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:50 PM	N
	68388	NA	72-ASY-05-SB2	SO	072SB-0052-0001-SO	240-18449-19		1/1	05-Dec-2012 4:50 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:56 PM	N
	68388	NA	72-ASY-02-SB5	SO	072SB-0047-0001-SO	240-18449-14		1/1	05-Dec-2012 3:17 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:58 PM	N
	68388	NA	72-ASY-05-SB1	SO	072SB-0051-0001-SO	240-18449-18		1/1	05-Dec-2012 4:20 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:01 PM	N
	68388	NA	72-ASY-03-SB5	SO	072SB-0040-0001-SO	240-18449-7		1/1	05-Dec-2012 12:10 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:02 PM	N
	68388	NA	72-ASY-02-SB2	SO	072SB-0044-0001-SO	240-18449-11		1/1	05-Dec-2012 2:23 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:06 PM	N
	68388	NA	72-ASY-03-SB1	SO	072SB-0041-0001-SO	240-18449-8		1/1	05-Dec-2012 11:29 AM	12-Dec-2012 3:05 PM	13-Dec-2012 9:14 PM	N
	68388	NA	72-ASY-04-SB1	SO	072SB-0049-0001-SO	240-18449-16		1/1	05-Dec-2012 4:13 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:16 PM	N
	68388	NA	72-ASY-02-SB4	SO	072SB-0046-0001-SO	240-18449-13		1/1	05-Dec-2012 2:55 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:17 PM	N
	68388	NA	72-ASY-02-SB3	SO	072SB-0045-0001-SO	240-18449-12		1/1	05-Dec-2012 2:36 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:19 PM	N
	68388	NA	72-ASY-05-SB3	SO	072SB-0053-0001-SO	240-18449-20		1/1	05-Dec-2012 4:00 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:22 PM	N
	68388	NA	72-ASY-02-SB1	SO	072SB-0043-0001-SO	240-18449-10		1/1	05-Dec-2012 2:00 PM	12-Dec-2012 3:05 PM	13-Dec-2012 9:26 PM	N
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68628	68407	NA	LABQC	SQ	LABQC	LCS 240-68407/9-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 4:26 AM	BS
	68407	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	12-Dec-2012 2:20 PM	14-Dec-2012 7:39 AM	N
	68407	NA	LABQC	SQ	LABQC	MB 240-68407/10-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 8:33 AM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68676	68401	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	12-Dec-2012 1:49 PM	14-Dec-2012 7:36 AM	N
	68401	NA	LABQC	SQ	LABQC	MB 240-68401/24-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 8:08 AM	LB
	68401	NA	LABQC	SQ	LABQC	LCS 240-68401/23-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 11:16 AM	BS
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68453	NA	NA	LABQC	SQ	LABQC	LCS 240-68453/6		1/1	13-Dec-2012 1:58 AM		13-Dec-2012 1:58 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68453/7		1/1	13-Dec-2012 2:20 AM		13-Dec-2012 2:20 AM	LB
68663	NA	NA	LABQC	SQ	LABQC	LCS 240-68663/6		1/1	14-Dec-2012 12:14 AM		14-Dec-2012 12:14 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68663/7		1/1	14-Dec-2012 12:35 AM		14-Dec-2012 12:35 AM	LB
68830	NA	NA	LABQC	SQ	LABQC	LCS 240-68830/13		1/1	15-Dec-2012 1:12 AM		15-Dec-2012 1:12 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68830/15		1/1	15-Dec-2012 1:54 AM		15-Dec-2012 1:54 AM	LB
68453	67857	NA	72-ASY-03-SB2	SO	072SB-0037-0001-SO	240-18449-4		1/1	05-Dec-2012 11:42 AM	06-Dec-2012 9:00 PM	13-Dec-2012 6:04 AM	N
	67857	NA	72-ASY-03-SB3	SO	072SB-0038-0001-SO	240-18449-5		1/1	05-Dec-2012 11:56 AM	06-Dec-2012 9:00 PM	13-Dec-2012 6:26 AM	N
	67857	NA	72-ASY-02-SB5	SO	072SB-0047-0001-SO	240-18449-14		1/1	05-Dec-2012 3:17 PM	06-Dec-2012 9:00 PM	13-Dec-2012 8:54 AM	N
	67857	NA	72-ASY-04-SB1	SO	072SB-0049-0001-SO	240-18449-16		1/1	05-Dec-2012 4:13 PM	06-Dec-2012 9:00 PM	13-Dec-2012 9:16 AM	N
	67857	NA	72-ASY-05-SB1	SO	072SB-0051-0001-SO	240-18449-18		1/1	05-Dec-2012 4:20 PM	06-Dec-2012 9:00 PM	13-Dec-2012 9:58 AM	N
	67857	NA	72-ASY-05-SB2	SO	072SB-0052-0001-SO	240-18449-19		1/1	05-Dec-2012 4:50 PM	06-Dec-2012 9:00 PM	13-Dec-2012 10:19 AM	N
68663	67857	NA	72-ASY-03-SB1	SO	072SB-0036-0001-SO	240-18449-3		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	14-Dec-2012 1:52 AM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68663	67857	NA	72-ASY-03-SB5	SO	072SB-0040-0001-SO	240-18449-7		1/1	05-Dec-2012 12:10 PM	06-Dec-2012 9:00 PM	14-Dec-2012 2:13 AM	N
	67857	NA	72-ASY-03-SB1	SO	072SB-0041-0001-SO	240-18449-8		1/1	05-Dec-2012 11:29 AM	06-Dec-2012 9:00 PM	14-Dec-2012 2:34 AM	N
	67857	NA	72-ASY-02-SB1	SO	072SB-0043-0001-SO	240-18449-10		1/1	05-Dec-2012 2:00 PM	06-Dec-2012 9:00 PM	14-Dec-2012 2:56 AM	N
	67857	NA	72-ASY-02-SB2	SO	072SB-0044-0001-SO	240-18449-11		1/1	05-Dec-2012 2:23 PM	06-Dec-2012 9:00 PM	14-Dec-2012 3:17 AM	N
	67857	NA	72-ASY-02-SB3	SO	072SB-0045-0001-SO	240-18449-12		1/1	05-Dec-2012 2:36 PM	06-Dec-2012 9:00 PM	14-Dec-2012 3:38 AM	N
	67857	NA	72-ASY-02-SB4	SO	072SB-0046-0001-SO	240-18449-13		1/1	05-Dec-2012 2:55 PM	06-Dec-2012 9:00 PM	14-Dec-2012 4:00 AM	N
	67857	NA	72-ASY-04-SB2	SO	072SB-0050-0001-SO	240-18449-17		1/1	05-Dec-2012 4:42 PM	06-Dec-2012 9:00 PM	14-Dec-2012 4:42 AM	N
	67857	NA	72-ASY-03-SB1	SO	072SB-0035-0001-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	14-Dec-2012 5:25 AM	N
	67857	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	14-Dec-2012 5:46 AM	MS
	67857	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	06-Dec-2012 9:00 PM	14-Dec-2012 6:07 AM	SD
	67857	NA	72-ASY-05-SB3	SO	072SB-0053-0001-SO	240-18449-20		1/1	05-Dec-2012 4:00 PM	06-Dec-2012 9:00 PM	14-Dec-2012 6:28 AM	N
	67857	NA	72-ASY-05-SB4	SO	072SB-0054-0001-SO	240-18449-21		1/1	05-Dec-2012 3:55 PM	06-Dec-2012 9:00 PM	14-Dec-2012 6:50 AM	N
68830	67857	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	06-Dec-2012 9:00 PM	15-Dec-2012 2:51 AM	N
	67857	NA	73-ECY-DU1-SB2	SO	073SB-0011M-0001-SO	240-18449-1		1/1	04-Dec-2012 4:10 PM	06-Dec-2012 9:00 PM	15-Dec-2012 8:10 AM	N
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	MB 240-68395/6		1/1	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	LB
	68395	NA	72-ASY-03-SB5	WG	072SB-0042-0001-TB	240-18449-9		1/1	05-Dec-2012 8:00 AM	12-Dec-2012 4:17 PM	12-Dec-2012 4:17 PM	N
	68395	NA	72-ASY-02-SB4	WG	072SB-0048-0001-TB	240-18449-15		1/1	05-Dec-2012 8:00 AM	12-Dec-2012 4:40 PM	12-Dec-2012 4:40 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68395	68395	NA	72-ASY-05-SB4	WG	072SB-0055-0001-TB	240-18449-22		1/1	05-Dec-2012 8:00 AM	12-Dec-2012 5:03 PM	12-Dec-2012 5:03 PM	N
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69146	68752	NA	LABQC	SQ	LABQC	LCS 240-68752/24-A		1/1	14-Dec-2012 11:37 AM	14-Dec-2012 11:37 AM	18-Dec-2012 12:45 PM	BS
	68752	NA	LABQC	SQ	LABQC	MB 240-68752/23-A		1/1	14-Dec-2012 11:37 AM	14-Dec-2012 11:37 AM	18-Dec-2012 1:08 PM	LB
	68752	NA	72-ASY-03-SB1	SO	072SB-0035-0001-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	14-Dec-2012 11:37 AM	18-Dec-2012 1:32 PM	N
	68752	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	14-Dec-2012 11:37 AM	18-Dec-2012 1:55 PM	MS
	68752	NA	72-ASY-02-SB1	SO	072SB-0035-0002-SO	240-18449-2		1/1	05-Dec-2012 11:20 AM	14-Dec-2012 11:37 AM	18-Dec-2012 2:18 PM	SD
	68752	NA	72-ASY-03-SB1	SO	072SB-0036-0001-SO	240-18449-3		1/1	05-Dec-2012 11:20 AM	14-Dec-2012 11:37 AM	18-Dec-2012 2:42 PM	FD
	68752	NA	72-ASY-03-SB2	SO	072SB-0037-0001-SO	240-18449-4		1/1	05-Dec-2012 11:42 AM	14-Dec-2012 11:37 AM	18-Dec-2012 3:05 PM	N
69733	69035	NA	LABQC	SQ	LABQC	MB 240-69035/24-A		1/1	17-Dec-2012 2:18 PM	17-Dec-2012 2:18 PM	21-Dec-2012 12:23 PM	LB
	69035	NA	LABQC	SQ	LABQC	LCS 240-69035/23-A		1/1	17-Dec-2012 2:18 PM	17-Dec-2012 2:18 PM	21-Dec-2012 12:47 PM	BS
	69035	NA	72-ASY-02-SB1	SO	072SB-0043-0001-SO	240-18449-10		1/1	05-Dec-2012 2:00 PM	17-Dec-2012 2:18 PM	21-Dec-2012 1:10 PM	N
	69035	NA	72-ASY-05-SB2	SO	072SB-0052-0001-SO	240-18449-19		1/1	05-Dec-2012 4:50 PM	17-Dec-2012 2:18 PM	21-Dec-2012 1:33 PM	N
	69035	NA	72-ASY-04-SB2	SO	072SB-0050-0001-SO	240-18449-17		1/1	05-Dec-2012 4:42 PM	17-Dec-2012 2:18 PM	21-Dec-2012 2:20 PM	N
	69035	NA	72-ASY-05-SB1	SO	072SB-0051-0001-SO	240-18449-18		1/1	05-Dec-2012 4:20 PM	17-Dec-2012 2:18 PM	21-Dec-2012 2:44 PM	N
	69035	NA	72-ASY-05-SB4	SO	072SB-0054-0001-SO	240-18449-21		1/1	05-Dec-2012 3:55 PM	17-Dec-2012 2:18 PM	21-Dec-2012 3:07 PM	N
	69035	NA	72-ASY-03-SB3	SO	072SB-0038-0001-SO	240-18449-5		1/1	05-Dec-2012 11:56 AM	17-Dec-2012 2:18 PM	21-Dec-2012 4:18 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69733	69035	NA	72-ASY-03-SB5	SO	072SB-0040-0001-SO	240-18449-7		1/1	05-Dec-2012 12:10 PM	17-Dec-2012 2:18 PM	21-Dec-2012 4:41 PM	N
	69035	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	17-Dec-2012 2:18 PM	21-Dec-2012 5:05 PM	N
	69035	NA	72-ASY-03-SB1	SO	072SB-0041-0001-SO	240-18449-8		1/1	05-Dec-2012 11:29 AM	17-Dec-2012 2:18 PM	21-Dec-2012 5:28 PM	N
	69035	NA	72-ASY-02-SB2	SO	072SB-0044-0001-SO	240-18449-11		1/1	05-Dec-2012 2:23 PM	17-Dec-2012 2:18 PM	21-Dec-2012 5:52 PM	N
	69035	NA	72-ASY-05-SB3	SO	072SB-0053-0001-SO	240-18449-20		1/1	05-Dec-2012 4:00 PM	17-Dec-2012 2:18 PM	21-Dec-2012 6:15 PM	N
	69035	NA	72-ASY-04-SB1	SO	072SB-0049-0001-SO	240-18449-16		1/1	05-Dec-2012 4:13 PM	17-Dec-2012 2:18 PM	21-Dec-2012 6:39 PM	N
	69035	NA	72-ASY-02-SB3	SO	072SB-0045-0001-SO	240-18449-12		1/1	05-Dec-2012 2:36 PM	17-Dec-2012 2:18 PM	21-Dec-2012 7:02 PM	N
	69035	NA	72-ASY-02-SB4	SO	072SB-0046-0001-SO	240-18449-13		1/1	05-Dec-2012 2:55 PM	17-Dec-2012 2:18 PM	21-Dec-2012 7:26 PM	N
	69035	NA	72-ASY-02-SB5	SO	072SB-0047-0001-SO	240-18449-14		1/1	05-Dec-2012 3:17 PM	17-Dec-2012 2:18 PM	21-Dec-2012 7:50 PM	N
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7319	NA	LABQC	SQ	LABQC	MB 320-7319/1-A		1/1	13-Dec-2012 8:56 AM	13-Dec-2012 8:56 AM	21-Dec-2012 12:35 AM	LB
	7319	NA	LABQC	SQ	LABQC	LCS 320-7319/2-A		1/1	13-Dec-2012 8:56 AM	13-Dec-2012 8:56 AM	21-Dec-2012 1:16 AM	BS
	7319	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		1/1	05-Dec-2012 12:25 PM	13-Dec-2012 8:56 AM	21-Dec-2012 12:01 PM	N
7855	7352	NA	LABQC	SQ	LABQC	MB 320-7352/1-A		1/1	13-Dec-2012 2:20 PM	13-Dec-2012 2:20 PM	26-Dec-2012 3:41 PM	LB
	7352	NA	LABQC	SQ	LABQC	LCS 320-7352/2-A		1/1	13-Dec-2012 2:20 PM	13-Dec-2012 2:20 PM	26-Dec-2012 3:56 PM	BS
	7352	NA	72-ASY-03-SB4	SO	072SB-0039-0001-SO	240-18449-6		2/1	05-Dec-2012 12:25 PM	13-Dec-2012 2:20 PM	26-Dec-2012 7:46 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Aluminum	0.44 (MG/KG)	U/None	< 0.28	< 3	L		1	0.440
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Barium	0.012 (MG/KG)	U/None	< 0.011	< 1	L		1	0.0116
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Calcium	1.6 (MG/KG)	U/None	< 1.3	< 10	L		1	1.55
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Copper	0.035 (MG/KG)	U/None	< 0.033	< 0.2	L		1	0.0353
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Iron	2.4 (MG/KG)	U/None	< 1.1	< 5	L		1	2.35
SW6020 / SW3050B/NONE	Blank	MB 180-59174/1-A (LB) / MB 180-59174/1-A	1 / 1.00	Manganese	0.047 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0471
SW6020 / SW3050B/NONE	Blank	MB 180-59175/1-A (LB) / MB 180-59175/1-A	1 / 1.00	Aluminum	0.34 (MG/KG)	U/None	< 0.28	< 3	L		1	0.337
SW6020 / SW3050B/NONE	Blank	MB 180-59175/1-A (LB) / MB 180-59175/1-A	1 / 1.00	Calcium	2.6 (MG/KG)	U/None	< 1.3	< 10	L		1	2.62
SW8260B / SW5030B/NONE	Blank	MB 240-68395/6 (LB) / MB 240-68395/6	1 / 1.00	Methylene Chloride	0.69 (UG/L)	U/None	< 0.33	< 1	L		2	1.38
SW8260B / SW5035/NONE	Blank	MB 240-68830/15 (LB) / MB 240-68830/15	1 / 1.00	2-Hexanone	0.90 (UG/KG)	U/None	< 0.63	< 20	L		1	0.897
SW8260B / SW5035/NONE	Surrogate	072SB-0049-0001-SO (N) / 240-18449-16	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	77.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0051-0001-SO (N) / 240-18449-18	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	75.7 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	073SB-0011M-0001-SO (N) / 240-18449-1	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	73.8 (PERCENT)	J/UJ	85 - 120	10 - 120	I			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	C10-C20 Diesel Range Organics	20.0	17.0	17.0 J		MG/KG	TR
M8015D/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	C10-C20 Diesel Range Organics	20.0	12.0	12.0 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Antimony	0.22	0.11	0.11 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Arsenic	0.11	13.0	13.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Barium	1.1	27.0	27.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Chromium	0.22	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Lead	0.11	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Potassium	11.0	2300	2300 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Selenium	0.55	0.28	0.28 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Silver	0.11	0.036	0.036 J		MG/KG	TR
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Vanadium	0.11	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Antimony	0.23	0.23	0.23 UJ		MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Arsenic	0.11	15.0	15.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Barium	1.1	23.0	23.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Chromium	0.23	14.0	14.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Lead	0.11	9.1	9.1 J		MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Potassium	11.0	1800	1800 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Selenium	0.56	0.71	0.71 J		MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Silver	0.11	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Vanadium	0.11	14.0	14.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Antimony	0.20	0.049	0.049 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Arsenic	0.10	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Barium	1.0	44.0	44.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Chromium	0.20	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Lead	0.10	10.0	10.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Potassium	10.0	1500	1500 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Selenium	0.50	0.73	0.73 J		MG/KG	m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Silver	0.10	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Vanadium	0.10	15.0	15.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Antimony	0.23	0.063	0.063 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Arsenic	0.11	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Barium	1.1	46.0	46.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Chromium	0.23	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Lead	0.11	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Potassium	11.0	1600	1600 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Selenium	0.57	0.76	0.76 J		MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Silver	0.11	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Vanadium	0.11	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Antimony	0.22	0.22	0.22 UJ		MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Arsenic	0.11	9.4	9.4 J		MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Barium	1.1	50.0	50.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Chromium	0.22	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Lead	0.11	9.7	9.7 J		MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Potassium	11.0	2500	2500 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Selenium	0.56	0.78	0.78 J		MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Silver	0.11	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Vanadium	0.11	20.0	20.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Antimony	0.21	0.098	0.098 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Arsenic	0.11	15.0	15.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Barium	1.1	38.0	38.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Chromium	0.21	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Lead	0.11	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Potassium	11.0	1900	1900 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Selenium	0.53	0.26	0.26 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Silver	0.11	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Vanadium	0.11	16.0	16.0 J		MG/KG	m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Antimony	0.20	0.055	0.055 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Arsenic	0.10	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Barium	1.0	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Chromium	0.20	15.0	15.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Lead	0.10	9.8	9.8 J		MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Potassium	10.0	1500	1500 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Selenium	0.51	0.28	0.28 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Silver	0.10	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Vanadium	0.10	13.0	13.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Antimony	0.23	0.082	0.082 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Arsenic	0.12	13.0	13.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Barium	1.2	80.0	80.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Chromium	0.23	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Lead	0.12	12.0	12.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Potassium	12.0	1400	1400 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Selenium	0.58	0.28	0.28 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Silver	0.12	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Vanadium	0.12	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Antimony	0.21	0.074	0.074 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Arsenic	0.10	12.0	12.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Barium	1.0	49.0	49.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Chromium	0.21	20.0	20.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Lead	0.10	12.0	12.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Potassium	10.0	2500	2500 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Selenium	0.52	0.46	0.46 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Silver	0.10	0.044	0.044 J		MG/KG	TR
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Vanadium	0.10	21.0	21.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Antimony	0.20	0.080	0.080 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Arsenic	0.098	9.5	9.5 J		MG/KG	m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Barium	0.98	48.0	48.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Chromium	0.20	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Lead	0.098	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Potassium	9.8	2400	2400 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Selenium	0.49	0.19	0.19 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Silver	0.098	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Vanadium	0.098	20.0	20.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Antimony	0.22	0.058	0.058 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Arsenic	0.11	9.6	9.6 J		MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Barium	1.1	47.0	47.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Chromium	0.22	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Lead	0.11	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Potassium	11.0	2000	2000 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Selenium	0.55	0.42	0.42 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Silver	0.11	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Vanadium	0.11	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Antimony	0.22	0.077	0.077 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Arsenic	0.11	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Barium	1.1	57.0	57.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Chromium	0.22	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Lead	0.11	13.0	13.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Potassium	11.0	1200	1200 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Selenium	0.54	0.27	0.27 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Silver	0.11	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Vanadium	0.11	16.0	16.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Antimony	0.18	0.062	0.062 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Arsenic	0.088	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Barium	0.88	34.0	34.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Chromium	0.18	15.0	15.0 J		MG/KG	m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Lead	0.088	10.0	10.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Potassium	8.8	1500	1500 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Selenium	0.44	0.20	0.20 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Silver	0.088	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Vanadium	0.088	14.0	14.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Antimony	0.19	0.066	0.066 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Arsenic	0.094	12.0	12.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Barium	0.94	50.0	50.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Chromium	0.19	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Lead	0.094	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Potassium	9.4	2100	2100 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Selenium	0.47	0.46	0.46 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Silver	0.094	0.040	0.040 J		MG/KG	TR
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Vanadium	0.094	19.0	19.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Antimony	0.21	0.063	0.063 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Arsenic	0.11	12.0	12.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Barium	1.1	55.0	55.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Chromium	0.21	19.0	19.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Lead	0.11	10.0	10.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Potassium	11.0	2500	2500 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Selenium	0.54	0.17	0.17 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Silver	0.11	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Vanadium	0.11	20.0	20.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Antimony	0.19	0.061	0.061 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Arsenic	0.094	8.1	8.1 J		MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Barium	0.94	46.0	46.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Chromium	0.19	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Lead	0.094	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Potassium	9.4	2000	2000 J		MG/KG	D1/m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Selenium	0.47	0.20	0.20 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Silver	0.094	0.036	0.036 J		MG/KG	TR
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Vanadium	0.094	18.0	18.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Antimony	0.20	0.074	0.074 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Arsenic	0.10	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Barium	1.0	45.0	45.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Chromium	0.20	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Lead	0.10	11.0	11.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Potassium	10.0	2100	2100 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Selenium	0.50	0.37	0.37 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Silver	0.10	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Vanadium	0.10	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Antimony	0.21	0.069	0.069 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Arsenic	0.11	22.0	22.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Barium	1.1	49.0	49.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Chromium	0.21	17.0	17.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Lead	0.11	12.0	12.0 J		MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Potassium	11.0	1900	1900 J		MG/KG	D1/m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Selenium	0.53	0.21	0.21 J		MG/KG	TR/m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Silver	0.11	0.039	0.039 J		MG/KG	TR
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Vanadium	0.11	17.0	17.0 J		MG/KG	m
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Mercury	0.11	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Mercury	0.11	0.016	0.016 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Toluene	4.9	0.79	0.79 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Benzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Ethylbenzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	tert-Butyl Methyl Ether (MTBE)	5.7	5.7	5.7 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Toluene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Benzene	5.0	5.0	5.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Ethylbenzene	5.0	5.0	5.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	tert-Butyl Methyl Ether (MTBE)	5.0	5.0	5.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Toluene	5.0	5.0	5.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Xylenes, Total	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,1,1-Trichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,1,2,2-Tetrachloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,1,2-Trichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,1-Dichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,1-Dichloroethene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,2-Dibromoethane (EDB)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,2-Dichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,2-Dichloroethene	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	1,2-Dichloropropane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	2-Butanone (MEK)	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	2-Hexanone	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Acetone	21.0	40.0	40.0 J	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Benzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Bromochloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Bromodichloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Bromoform	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Bromomethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Carbon Disulfide	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Carbon Tetrachloride	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Chlorobenzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Chloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Chloroform	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Chloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	cis-1,3-Dichloropropene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Dibromochloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Ethylbenzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Methylene Chloride	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Styrene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Tetrachloroethene (PCE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Toluene	5.1	2.6	2.6 J	-	UG/KG	I/TR
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	trans-1,3-Dichloropropene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Trichloroethene (TCE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Vinyl Chloride	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Xylenes, Total	10.0	10.0	10.0 UJ	-	UG/KG	I
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Benzo(b)fluoranthene	8.0	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Benzoic acid	790	790	790 R		UG/KG	c
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	bis(2-Ethylhexyl) Phthalate	60.0	43.0	43.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Dibenzofuran	60.0	8.4	8.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Fluoranthene	8.0	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Naphthalene	8.0	7.0	7.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Phenanthrene	8.0	13.0	13.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Benzoic acid	760	760	760 R		UG/KG	c
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	bis(2-Ethylhexyl) Phthalate	57.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Dibenzofuran	57.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Fluoranthene	7.6	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Fluorene	7.6	7.2	7.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Phenanthrene	7.6	32.0	32.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Benzo(b)fluoranthene	8.0	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Benzoic acid	790	790	790 R		UG/KG	c

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	bis(2-Ethylhexyl) Phthalate	60.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Benzo(b)fluoranthene	7.7	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Benzoic acid	760	760	760 R		UG/KG	c
SW8270C/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	bis(2-Ethylhexyl) Phthalate	58.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Benzo(a)anthracene	8.0	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Benzo(b)fluoranthene	8.0	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Benzoic acid	790	790	790 R		UG/KG	c
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	bis(2-Ethylhexyl) Phthalate	60.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Chrysene	8.0	7.2	7.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Naphthalene	8.0	5.2	5.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Benzoic acid	770	770	770 R		UG/KG	c
SW8270C/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	bis(2-Ethylhexyl) Phthalate	58.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Benzoic acid	790	790	790 R		UG/KG	c
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	bis(2-Ethylhexyl) Phthalate	60.0	25.0	25.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Dibenzofuran	60.0	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Pyrene	8.0	6.6	6.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Chrysene	7.7	6.8	6.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Benzo(b)fluoranthene	7.6	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Benzo(b)fluoranthene	7.6	3.8	3.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Benzo(b)fluoranthene	7.5	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Benzo(g,h,i)perylene	7.5	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Naphthalene	7.5	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Pyrene	7.5	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Benzo(b)fluoranthene	7.7	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Fluoranthene	7.7	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Benzo(a)anthracene	7.8	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Chrysene	7.8	6.9	6.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Benzo(b)fluoranthene	7.7	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Benzo(g,h,i)perylene	7.7	6.6	6.6 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Fluoranthene	7.7	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Benzo(b)fluoranthene	7.8	4.5	4.5 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	C10-C20 Diesel Range Organics	20.0	17.0	17.0 J	MG/KG	TR
M8015D/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	C20-C34 Motor Oil Range Organics	20.0	30.0	30.0	MG/KG	
M8015D/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	C10-C20 Diesel Range Organics	19.0	20.0	20.0	MG/KG	
M8015D/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	C20-C34 Motor Oil Range Organics	19.0	27.0	27.0	MG/KG	
M8015D/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	C10-C20 Diesel Range Organics	20.0	12.0	12.0 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Petroleum Hydrocarbons C6-C12	90.0	750	750	UG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Silver	0.11	0.036	0.036 J	MG/KG	TR
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Aluminum	3.3	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Arsenic	0.11	13.0	13.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Barium	1.1	27.0	27.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Beryllium	0.11	0.58	0.58	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Calcium	11.0	7500	7500	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Cadmium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Cobalt	0.055	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Chromium	0.22	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Copper	0.22	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Iron	5.5	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Potassium	11.0	2300	2300 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Magnesium	11.0	6000	6000	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Manganese	0.55	290	290	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Sodium	11.0	97.0	97.0	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Nickel	0.11	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Lead	0.11	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Antimony	0.22	0.11	0.11 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Selenium	0.55	0.28	0.28 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Thallium	0.11	0.15	0.15	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Vanadium	0.11	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Zinc	0.55	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Silver	0.11	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Aluminum	3.4	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Arsenic	0.11	15.0	15.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Barium	1.1	23.0	23.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Beryllium	0.11	0.56	0.56	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Calcium	11.0	6300	6300	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Cadmium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Cobalt	0.056	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Chromium	0.23	14.0	14.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Copper	0.23	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Iron	5.6	25000	25000	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Potassium	11.0	1800	1800 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Magnesium	11.0	5200	5200	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Manganese	0.56	280	280	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Sodium	11.0	78.0	78.0	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Nickel	0.11	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Lead	0.11	9.1	9.1 J	MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Selenium	0.56	0.71	0.71 J	MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Thallium	0.11	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Vanadium	0.11	14.0	14.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Zinc	0.56	67.0	67.0	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Silver	0.10	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Aluminum	3.0	9900	9900	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Arsenic	0.10	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Barium	1.0	44.0	44.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Beryllium	0.10	0.55	0.55	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Calcium	10.0	7300	7300	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Cadmium	0.10	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Chromium	0.20	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Copper	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Iron	5.0	27000	27000	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Potassium	10.0	1500	1500 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Magnesium	10.0	4800	4800	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Manganese	0.50	260	260	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Sodium	10.0	57.0	57.0	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Nickel	0.10	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Lead	0.10	10.0	10.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Antimony	0.20	0.049	0.049 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Selenium	0.50	0.73	0.73 J	MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Thallium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Vanadium	0.10	15.0	15.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Zinc	0.50	61.0	61.0	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Silver	0.11	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Aluminum	3.4	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Arsenic	0.11	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Barium	1.1	46.0	46.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Beryllium	0.11	0.57	0.57	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Calcium	11.0	3800	3800	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Cadmium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Cobalt	0.057	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Chromium	0.23	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Copper	0.23	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Iron	5.7	27000	27000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Potassium	11.0	1600	1600 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Magnesium	11.0	4700	4700	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Manganese	0.57	200	200	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Sodium	11.0	74.0	74.0	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Nickel	0.11	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Lead	0.11	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Antimony	0.23	0.063	0.063 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Selenium	0.57	0.76	0.76 J	MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Thallium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Vanadium	0.11	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Zinc	0.57	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Silver	0.11	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Aluminum	3.3	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Arsenic	0.11	9.4	9.4 J	MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Barium	1.1	50.0	50.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Beryllium	0.11	0.64	0.64	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Calcium	11.0	20000	20000	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Cadmium	0.11	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Cobalt	0.056	8.5	8.5	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Chromium	0.22	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Copper	0.22	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Iron	5.6	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Potassium	11.0	2500	2500 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Magnesium	11.0	6000	6000	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Manganese	0.56	270	270	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Sodium	11.0	84.0	84.0	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Nickel	0.11	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Lead	0.11	9.7	9.7 J	MG/KG	m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Selenium	0.56	0.78	0.78 J	MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Vanadium	0.11	20.0	20.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Zinc	0.56	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Silver	0.11	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Aluminum	3.2	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Arsenic	0.11	15.0	15.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Barium	1.1	38.0	38.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Beryllium	0.11	0.62	0.62	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Calcium	11.0	3300	3300	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Cadmium	0.11	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Cobalt	0.053	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Chromium	0.21	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Iron	5.3	29000	29000	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Potassium	11.0	1900	1900 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Magnesium	11.0	5000	5000	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Manganese	0.53	230	230	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Nickel	0.11	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Lead	0.11	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Antimony	0.21	0.098	0.098 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Selenium	0.53	0.26	0.26 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Thallium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Vanadium	0.11	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	Zinc	0.53	64.0	64.0	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Silver	0.10	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Aluminum	3.0	9700	9700	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Arsenic	0.10	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Barium	1.0	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Beryllium	0.10	0.46	0.46	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Calcium	10.0	7300	7300	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Cadmium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Cobalt	0.051	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Chromium	0.20	15.0	15.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Iron	5.1	28000	28000	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Potassium	10.0	1500	1500 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Magnesium	10.0	6400	6400	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Manganese	0.51	360	360	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Sodium	10.0	90.0	90.0	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Nickel	0.10	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Lead	0.10	9.8	9.8 J	MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Antimony	0.20	0.055	0.055 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Selenium	0.51	0.28	0.28 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Vanadium	0.10	13.0	13.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Zinc	0.51	63.0	63.0	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Silver	0.12	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Aluminum	3.5	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Arsenic	0.12	13.0	13.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Barium	1.2	80.0	80.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Beryllium	0.12	0.70	0.70	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Calcium	12.0	2400	2400	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Cadmium	0.12	0.28	0.28	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Cobalt	0.058	16.0	16.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Chromium	0.23	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Copper	0.23	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Iron	5.8	29000	29000	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Potassium	12.0	1400	1400 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Magnesium	12.0	4000	4000	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Manganese	0.58	630	630	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Sodium	12.0	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Nickel	0.12	44.0	44.0	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Lead	0.12	12.0	12.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Antimony	0.23	0.082	0.082 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Selenium	0.58	0.28	0.28 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Thallium	0.12	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Vanadium	0.12	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Zinc	0.58	66.0	66.0	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Silver	0.10	0.044	0.044 J	MG/KG	TR
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Aluminum	3.1	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Arsenic	0.10	12.0	12.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Barium	1.0	49.0	49.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Beryllium	0.10	0.69	0.69	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Calcium	10.0	21000	21000	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Cadmium	0.10	0.21	0.21	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Cobalt	0.052	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Chromium	0.21	20.0	20.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Iron	5.2	27000	27000	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Potassium	10.0	2500	2500 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Magnesium	10.0	7100	7100	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Manganese	0.52	310	310	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Sodium	10.0	90.0	90.0	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Nickel	0.10	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Lead	0.10	12.0	12.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Antimony	0.21	0.074	0.074 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Selenium	0.52	0.46	0.46 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Thallium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Vanadium	0.10	21.0	21.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Zinc	0.52	61.0	61.0	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Silver	0.098	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Aluminum	2.9	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Arsenic	0.098	9.5	9.5 J	MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Barium	0.98	48.0	48.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Beryllium	0.098	0.67	0.67	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Calcium	9.8	19000	19000	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Cadmium	0.098	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Cobalt	0.049	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Chromium	0.20	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Copper	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Iron	4.9	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Potassium	9.8	2400	2400 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Magnesium	9.8	6800	6800	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Manganese	0.49	250	250	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Sodium	9.8	92.0	92.0	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Nickel	0.098	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Lead	0.098	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Antimony	0.20	0.080	0.080 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Selenium	0.49	0.19	0.19 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Thallium	0.098	0.15	0.15	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Vanadium	0.098	20.0	20.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Zinc	0.49	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Silver	0.11	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Aluminum	3.3	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Arsenic	0.11	9.6	9.6 J	MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Barium	1.1	47.0	47.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Beryllium	0.11	0.58	0.58	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Calcium	11.0	17000	17000	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Cadmium	0.11	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Cobalt	0.055	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Chromium	0.22	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Copper	0.22	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Iron	5.5	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Potassium	11.0	2000	2000 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Magnesium	11.0	6400	6400	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Manganese	0.55	260	260	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Sodium	11.0	80.0	80.0	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Nickel	0.11	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Lead	0.11	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Antimony	0.22	0.058	0.058 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Selenium	0.55	0.42	0.42 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Vanadium	0.11	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Zinc	0.55	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Silver	0.11	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Aluminum	3.2	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Arsenic	0.11	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Barium	1.1	57.0	57.0 J	MG/KG	m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Beryllium	0.11	0.61	0.61	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Calcium	11.0	1800	1800	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Cadmium	0.11	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Cobalt	0.054	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Chromium	0.22	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Copper	0.22	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Iron	5.4	28000	28000	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Potassium	11.0	1200	1200 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Magnesium	11.0	3500	3500	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Manganese	0.54	240	240	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Sodium	11.0	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Nickel	0.11	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Lead	0.11	13.0	13.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Antimony	0.22	0.077	0.077 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Selenium	0.54	0.27	0.27 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Thallium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Vanadium	0.11	16.0	16.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Zinc	0.54	67.0	67.0	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Silver	0.088	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Aluminum	2.6	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Arsenic	0.088	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Barium	0.88	34.0	34.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Beryllium	0.088	0.53	0.53	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Calcium	8.8	3700	3700	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Cobalt	0.044	8.7	8.7	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Chromium	0.18	15.0	15.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Copper	0.18	17.0	17.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Iron	4.4	28000	28000	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Potassium	8.8	1500	1500 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Magnesium	8.8	4500	4500	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Manganese	0.44	200	200	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Sodium	8.8	58.0	58.0	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Nickel	0.088	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Lead	0.088	10.0	10.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Antimony	0.18	0.062	0.062 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Selenium	0.44	0.20	0.20 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Thallium	0.088	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Vanadium	0.088	14.0	14.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Zinc	0.44	60.0	60.0	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Silver	0.094	0.040	0.040 J	MG/KG	TR
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Aluminum	2.8	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Arsenic	0.094	12.0	12.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Barium	0.94	50.0	50.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Beryllium	0.094	0.63	0.63	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Calcium	9.4	17000	17000	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Cadmium	0.094	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Cobalt	0.047	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Chromium	0.19	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Iron	4.7	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Potassium	9.4	2100	2100 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Magnesium	9.4	6200	6200	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Manganese	0.47	260	260	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Sodium	9.4	81.0	81.0	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Nickel	0.094	26.0	26.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Lead	0.094	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Antimony	0.19	0.066	0.066 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Selenium	0.47	0.46	0.46 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Thallium	0.094	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Vanadium	0.094	19.0	19.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Zinc	0.47	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Silver	0.11	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Aluminum	3.2	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Arsenic	0.11	12.0	12.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Barium	1.1	55.0	55.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Beryllium	0.11	0.66	0.66	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Calcium	11.0	20000	20000	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Cadmium	0.11	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Cobalt	0.054	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Chromium	0.21	19.0	19.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Iron	5.4	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Potassium	11.0	2500	2500 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Magnesium	11.0	6400	6400	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Manganese	0.54	350	350	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Sodium	11.0	91.0	91.0	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Nickel	0.11	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Lead	0.11	10.0	10.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Antimony	0.21	0.063	0.063 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Selenium	0.54	0.17	0.17 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Thallium	0.11	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Vanadium	0.11	20.0	20.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Zinc	0.54	62.0	62.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Silver	0.094	0.036	0.036 J	MG/KG	TR
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Aluminum	2.8	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Arsenic	0.094	8.1	8.1 J	MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Barium	0.94	46.0	46.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Beryllium	0.094	0.58	0.58	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Calcium	9.4	20000	20000	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Cadmium	0.094	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Cobalt	0.047	8.9	8.9	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Chromium	0.19	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Iron	4.7	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Potassium	9.4	2000	2000 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Magnesium	9.4	6200	6200	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Manganese	0.47	240	240	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Sodium	9.4	78.0	78.0	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Nickel	0.094	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Lead	0.094	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Antimony	0.19	0.061	0.061 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Selenium	0.47	0.20	0.20 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Thallium	0.094	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Vanadium	0.094	18.0	18.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0052-0001-SO	240-18449-19	N	Zinc	0.47	51.0	51.0	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Silver	0.10	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Aluminum	3.0	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Arsenic	0.10	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Barium	1.0	45.0	45.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Beryllium	0.10	0.69	0.69	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Calcium	10.0	4300	4300	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Cadmium	0.10	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Cobalt	0.050	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Chromium	0.20	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Iron	5.0	29000	29000	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Potassium	10.0	2100	2100 J	MG/KG	D1/m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Magnesium	10.0	5300	5300	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Manganese	0.50	190	190	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Sodium	10.0	74.0	74.0	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Nickel	0.10	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Lead	0.10	11.0	11.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Antimony	0.20	0.074	0.074 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Selenium	0.50	0.37	0.37 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Thallium	0.10	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Vanadium	0.10	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Zinc	0.50	61.0	61.0	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Silver	0.11	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Aluminum	3.2	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Arsenic	0.11	22.0	22.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Barium	1.1	49.0	49.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Beryllium	0.11	0.63	0.63	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Calcium	11.0	15000	15000	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Cadmium	0.11	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Cobalt	0.053	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Chromium	0.21	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Iron	5.3	28000	28000	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Potassium	11.0	1900	1900 J	MG/KG	D1/m

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Magnesium	11.0	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Manganese	0.53	250	250	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Sodium	11.0	71.0	71.0	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Nickel	0.11	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Lead	0.11	12.0	12.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Antimony	0.21	0.069	0.069 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Selenium	0.53	0.21	0.21 J	MG/KG	TR/m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Thallium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Vanadium	0.11	17.0	17.0 J	MG/KG	m
SW6020/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Zinc	0.53	57.0	57.0	MG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	072SB-0043-0001-SO	240-18449-10	N	Mercury	0.11	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0047-0001-SO	240-18449-14	N	Mercury	0.11	0.016	0.016 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Toluene	4.9	0.79	0.79 J	UG/KG	TR
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Acetone	21.0	40.0	40.0 J -	UG/KG	I
SW8260B/NONE	SO	073SB-0011M-0001-SO	240-18449-1	N	Toluene	5.1	2.6	2.6 J -	UG/KG	I/TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	bis(2-Ethylhexyl) Phthalate	60.0	43.0	43.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Benzo(b)fluoranthene	8.0	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Benzo(g,h,i)perylene	8.0	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Dibenzofuran	60.0	8.4	8.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Fluoranthene	8.0	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	2-Methylnaphthalene	8.0	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Naphthalene	8.0	7.0	7.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Phenanthrene	8.0	13.0	13.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0035-0001-SO	240-18449-2	N	Pyrene	8.0	10.0	10.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	bis(2-Ethylhexyl) Phthalate	57.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Benzo(a)pyrene	7.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Benzo(b)fluoranthene	7.6	7.8	7.8	UG/KG	
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Benzo(g,h,i)perylene	7.6	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Dibenzofuran	57.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Fluorene	7.6	7.2	7.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Fluoranthene	7.6	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Indeno(1,2,3-c,d)pyrene	7.6	9.8	9.8	UG/KG	
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	2-Methylnaphthalene	7.6	27.0	27.0	UG/KG	
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Naphthalene	7.6	9.8	9.8	UG/KG	
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Phenanthrene	7.6	32.0	32.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0036-0001-SO	240-18449-3	FD	Pyrene	7.6	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	bis(2-Ethylhexyl) Phthalate	60.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0037-0001-SO	240-18449-4	N	Benzo(b)fluoranthene	8.0	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	bis(2-Ethylhexyl) Phthalate	58.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0038-0001-SO	240-18449-5	N	Benzo(b)fluoranthene	7.7	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	bis(2-Ethylhexyl) Phthalate	60.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Benzo(a)anthracene	8.0	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Benzo(b)fluoranthene	8.0	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Chrysene	8.0	7.2	7.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0039-0001-SO	240-18449-6	N	Naphthalene	8.0	5.2	5.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0040-0001-SO	240-18449-7	N	bis(2-Ethylhexyl) Phthalate	58.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	bis(2-Ethylhexyl) Phthalate	60.0	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Dibenzofuran	60.0	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	2-Methylnaphthalene	8.0	14.0	14.0	UG/KG	
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Naphthalene	8.0	8.9	8.9	UG/KG	
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Phenanthrene	8.0	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0041-0001-SO	240-18449-8	N	Pyrene	8.0	6.6	6.6 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Benzo(a)anthracene	7.7	8.3	8.3	UG/KG	
SW8270C/NONE	SO	072SB-0044-0001-SO	240-18449-11	N	Chrysene	7.7	6.8	6.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0045-0001-SO	240-18449-12	N	Benzo(b)fluoranthene	7.6	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0046-0001-SO	240-18449-13	N	Benzo(b)fluoranthene	7.6	3.8	3.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Benzo(b)fluoranthene	7.5	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Benzo(g,h,i)perylene	7.5	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Naphthalene	7.5	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0049-0001-SO	240-18449-16	N	Pyrene	7.5	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Benzo(a)anthracene	7.7	9.3	9.3	UG/KG	
SW8270C/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Benzo(b)fluoranthene	7.7	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Chrysene	7.7	9.5	9.5	UG/KG	
SW8270C/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Fluoranthene	7.7	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0050-0001-SO	240-18449-17	N	Phenanthrene	7.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Benzo(a)anthracene	7.8	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0051-0001-SO	240-18449-18	N	Chrysene	7.8	6.9	6.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Benzo(b)fluoranthene	7.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Benzo(g,h,i)perylene	7.7	6.6	6.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Fluoranthene	7.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0053-0001-SO	240-18449-20	N	Phenanthrene	7.7	20.0	20.0	UG/KG	
SW8270C/NONE	SO	072SB-0054-0001-SO	240-18449-21	N	Benzo(b)fluoranthene	7.8	4.5	4.5 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0035-0001-SO	N	Benzoic acid	790	790	R	UG/KG	c
SW8270C/NONE	SO	072SB-0036-0001-SO	FD	Benzoic acid	760	760	R	UG/KG	c
SW8270C/NONE	SO	072SB-0037-0001-SO	N	Benzoic acid	790	790	R	UG/KG	c
SW8270C/NONE	SO	072SB-0038-0001-SO	N	Benzoic acid	760	760	R	UG/KG	c
SW8270C/NONE	SO	072SB-0039-0001-SO	N	Benzoic acid	790	790	R	UG/KG	c
SW8270C/NONE	SO	072SB-0040-0001-SO	N	Benzoic acid	770	770	R	UG/KG	c
SW8270C/NONE	SO	072SB-0041-0001-SO	N	Benzoic acid	790	790	R	UG/KG	c

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Anomalies Count

SDG Name: 240-18449-1_(72-73-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	1	1
M8015V/SW3550B/NONE	5	5
SW6020/SW3050B/NONE	12	62
SW7471A/TOTAL/NONE	17	17
SW8081/SW3540C/NONE	1	20
SW8082/SW3540C/NONE	1	7
SW8260B/SW5030B/NONE	3	3
SW8270C/SW3550/NONE	7	28

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	072SB-0039-0001-SO	N	1	Nitrocellulose	53 U	8.2	53	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	072SB-0036-0001-SO	FD	1	Petroleum Hydrocarbons C6-C12	130 U	60	130	100	UG/KG
M8015V/NONE	072SB-0044-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	50	110	100	UG/KG
M8015V/NONE	072SB-0047-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	49	110	100	UG/KG
M8015V/NONE	072SB-0050-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	52	110	100	UG/KG
M8015V/NONE	072SB-0053-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	49	110	100	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0035-0001-SO	N	1	Barium	27 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0035-0001-SO	N	1	Beryllium	0.58	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0035-0001-SO	N	1	Cadmium	0.15	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0035-0001-SO	N	1	Calcium	7500	1.5	11	10	MG/KG
SW6020/NONE	072SB-0035-0001-SO	N	1	Magnesium	6000	1.2	11	10	MG/KG
SW6020/NONE	072SB-0035-0001-SO	N	1	Selenium	0.28 J	0.056	0.55	0.5	MG/KG
SW6020/NONE	072SB-0036-0001-SO	FD	1	Barium	23 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0036-0001-SO	FD	1	Beryllium	0.56	0.0085	0.11	0.1	MG/KG
SW6020/NONE	072SB-0036-0001-SO	FD	1	Cadmium	0.15	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0036-0001-SO	FD	1	Calcium	6300	1.5	11	10	MG/KG
SW6020/NONE	072SB-0036-0001-SO	FD	1	Magnesium	5200	1.2	11	10	MG/KG
SW6020/NONE	072SB-0036-0001-SO	FD	1	Selenium	0.71 J	0.057	0.56	0.5	MG/KG
SW6020/NONE	072SB-0038-0001-SO	N	1	Barium	46 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0038-0001-SO	N	1	Beryllium	0.57	0.0085	0.11	0.1	MG/KG
SW6020/NONE	072SB-0038-0001-SO	N	1	Cadmium	0.16	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0038-0001-SO	N	1	Calcium	3800	1.5	11	10	MG/KG
SW6020/NONE	072SB-0038-0001-SO	N	1	Magnesium	4700	1.2	11	10	MG/KG
SW6020/NONE	072SB-0038-0001-SO	N	1	Selenium	0.76 J	0.058	0.57	0.5	MG/KG
SW6020/NONE	072SB-0039-0001-SO	N	1	Barium	50 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0039-0001-SO	N	1	Beryllium	0.64	0.0084	0.11	0.1	MG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0039-0001-SO	N	1	Cadmium	0.19	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0039-0001-SO	N	1	Calcium	20000	1.5	11	10	MG/KG
SW6020/NONE	072SB-0039-0001-SO	N	1	Magnesium	6000	1.2	11	10	MG/KG
SW6020/NONE	072SB-0039-0001-SO	N	1	Selenium	0.78 J	0.057	0.56	0.5	MG/KG
SW6020/NONE	072SB-0040-0001-SO	N	1	Barium	38 J	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0040-0001-SO	N	1	Beryllium	0.62	0.0079	0.11	0.1	MG/KG
SW6020/NONE	072SB-0040-0001-SO	N	1	Cadmium	0.17	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0040-0001-SO	N	1	Calcium	3300	1.4	11	10	MG/KG
SW6020/NONE	072SB-0040-0001-SO	N	1	Magnesium	5000	1.1	11	10	MG/KG
SW6020/NONE	072SB-0040-0001-SO	N	1	Selenium	0.26 J	0.054	0.53	0.5	MG/KG
SW6020/NONE	072SB-0041-0001-SO	N	1	Selenium	0.28 J	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0043-0001-SO	N	1	Barium	80 J	0.012	1.2	1	MG/KG
SW6020/NONE	072SB-0043-0001-SO	N	1	Beryllium	0.7	0.0087	0.12	0.1	MG/KG
SW6020/NONE	072SB-0043-0001-SO	N	1	Cadmium	0.28	0.015	0.12	0.1	MG/KG
SW6020/NONE	072SB-0043-0001-SO	N	1	Calcium	2400	1.5	12	10	MG/KG
SW6020/NONE	072SB-0043-0001-SO	N	1	Magnesium	4000	1.2	12	10	MG/KG
SW6020/NONE	072SB-0043-0001-SO	N	1	Selenium	0.28 J	0.059	0.58	0.5	MG/KG
SW6020/NONE	072SB-0044-0001-SO	N	1	Selenium	0.46 J	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0046-0001-SO	N	1	Barium	47 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0046-0001-SO	N	1	Beryllium	0.58	0.0082	0.11	0.1	MG/KG
SW6020/NONE	072SB-0046-0001-SO	N	1	Cadmium	0.19	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0046-0001-SO	N	1	Calcium	17000	1.4	11	10	MG/KG
SW6020/NONE	072SB-0046-0001-SO	N	1	Magnesium	6400	1.2	11	10	MG/KG
SW6020/NONE	072SB-0046-0001-SO	N	1	Selenium	0.42 J	0.056	0.55	0.5	MG/KG
SW6020/NONE	072SB-0047-0001-SO	N	1	Barium	57 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0047-0001-SO	N	1	Beryllium	0.61	0.0081	0.11	0.1	MG/KG
SW6020/NONE	072SB-0047-0001-SO	N	1	Cadmium	0.18	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0047-0001-SO	N	1	Calcium	1800	1.4	11	10	MG/KG
SW6020/NONE	072SB-0047-0001-SO	N	1	Magnesium	3500	1.2	11	10	MG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0047-0001-SO	N	1	Selenium	0.27 J	0.055	0.54	0.5	MG/KG
SW6020/NONE	072SB-0051-0001-SO	N	1	Barium	55 J	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0051-0001-SO	N	1	Beryllium	0.66	0.0081	0.11	0.1	MG/KG
SW6020/NONE	072SB-0051-0001-SO	N	1	Cadmium	0.2	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0051-0001-SO	N	1	Calcium	20000	1.4	11	10	MG/KG
SW6020/NONE	072SB-0051-0001-SO	N	1	Magnesium	6400	1.2	11	10	MG/KG
SW6020/NONE	072SB-0051-0001-SO	N	1	Selenium	0.17 J	0.055	0.54	0.5	MG/KG
SW6020/NONE	072SB-0054-0001-SO	N	1	Barium	49 J	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0054-0001-SO	N	1	Beryllium	0.63	0.008	0.11	0.1	MG/KG
SW6020/NONE	072SB-0054-0001-SO	N	1	Cadmium	0.19	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0054-0001-SO	N	1	Calcium	15000	1.4	11	10	MG/KG
SW6020/NONE	072SB-0054-0001-SO	N	1	Magnesium	5800	1.1	11	10	MG/KG
SW6020/NONE	072SB-0054-0001-SO	N	1	Selenium	0.21 J	0.054	0.53	0.5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0035-0001-SO	N	1	Mercury	0.14 U	0.019	0.14	0.1	MG/KG
SW7471A/NONE	072SB-0036-0001-SO	FD	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0037-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0038-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0039-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0040-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0041-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0043-0001-SO	N	1	Mercury	0.016 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0044-0001-SO	N	1	Mercury	0.13 U	0.019	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0045-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0046-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0047-0001-SO	N	1	Mercury	0.016 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0050-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0051-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0052-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0053-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0054-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0039-0001-SO	N	1	Aldrin	4.8 U	1.4	4.8	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	3 U	0.87	3	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	alpha-Chlordane	3.6 U	1.1	3.6	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	alpha-Endosulfan	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	4.2 U	1.3	4.2	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	beta-Endosulfan	3 U	0.98	3	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.8 U	1.4	4.8	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Dieldrin	2 U	0.56	2	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Endosulfan Sulfate	3.6 U	1	3.6	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Endrin	2 U	0.6	2	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Endrin Aldehyde	3.6 U	1.2	3.6	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Endrin Ketone	2.4 U	0.75	2.4	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	gamma-BHC (Lindane)	3 U	0.88	3	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	gamma-Chlordane	2 U	0.5	2	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Heptachlor	4.2 U	1.3	4.2	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Heptachlor Epoxide	3 U	0.96	3	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	Methoxychlor	6 U	1.8	6	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	p,p'-DDD	2.4 U	0.74	2.4	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	p,p'-DDE	2 U	0.47	2	1.7	UG/KG
SW8081/NONE	072SB-0039-0001-SO	N	1	p,p'-DDT	2.4 U	0.75	2.4	1.7	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0039-0001-SO	N	1	PCB-1016 (Arochlor 1016)	78 U	25	78	33	UG/KG
SW8082/NONE	072SB-0039-0001-SO	N	1	PCB-1221 (Arochlor 1221)	60 U	19	60	33	UG/KG
SW8082/NONE	072SB-0039-0001-SO	N	1	PCB-1232 (Arochlor 1232)	54 U	17	54	33	UG/KG
SW8082/NONE	072SB-0039-0001-SO	N	1	PCB-1242 (Arochlor 1242)	48 U	16	48	33	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0039-0001-SO	N	1	PCB-1248 (Arochlor 1248)	66 U	20	66	33	UG/KG
SW8082/NONE	072SB-0039-0001-SO	N	1	PCB-1254 (Arochlor 1254)	66 U	20	66	33	UG/KG
SW8082/NONE	072SB-0039-0001-SO	N	1	PCB-1260 (Arochlor 1260)	66 U	20	66	33	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0035-0001-SO	N	1	Benzene	5.2 U	0.24	5.2	5	UG/KG
SW8260B/NONE	072SB-0035-0001-SO	N	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG
SW8260B/NONE	072SB-0035-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.2 U	0.45	5.2	5	UG/KG
SW8260B/NONE	072SB-0035-0001-SO	N	1	Toluene	5.2 U	0.28	5.2	5	UG/KG
SW8260B/NONE	072SB-0039-0001-SO	N	1	1,2-Dichloroethene	9.8 U	0.75	9.8	5	UG/KG
SW8260B/NONE	072SB-0042-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	072SB-0045-0001-SO	N	1	Benzene	5.1 U	0.23	5.1	5	UG/KG
SW8260B/NONE	072SB-0045-0001-SO	N	1	Ethylbenzene	5.1 U	0.26	5.1	5	UG/KG
SW8260B/NONE	072SB-0045-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.1 U	0.44	5.1	5	UG/KG
SW8260B/NONE	072SB-0045-0001-SO	N	1	Toluene	5.1 U	0.27	5.1	5	UG/KG
SW8260B/NONE	072SB-0047-0001-SO	N	1	Benzene	5.4 U	0.25	5.4	5	UG/KG
SW8260B/NONE	072SB-0047-0001-SO	N	1	Ethylbenzene	5.4 U	0.28	5.4	5	UG/KG
SW8260B/NONE	072SB-0047-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.4 U	0.46	5.4	5	UG/KG
SW8260B/NONE	072SB-0047-0001-SO	N	1	Toluene	5.4 U	0.29	5.4	5	UG/KG
SW8260B/NONE	072SB-0047-0001-SO	N	1	Xylenes, Total	11 U	0.72	11	10	UG/KG
SW8260B/NONE	072SB-0048-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	072SB-0049-0001-SO	N	1	Benzene	5.7 UJ	0.26	5.7	5	UG/KG
SW8260B/NONE	072SB-0049-0001-SO	N	1	Ethylbenzene	5.7 UJ	0.3	5.7	5	UG/KG
SW8260B/NONE	072SB-0049-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.7 UJ	0.49	5.7	5	UG/KG
SW8260B/NONE	072SB-0049-0001-SO	N	1	Toluene	5.7 UJ	0.31	5.7	5	UG/KG
SW8260B/NONE	072SB-0049-0001-SO	N	1	Xylenes, Total	11 UJ	0.76	11	10	UG/KG
SW8260B/NONE	072SB-0052-0001-SO	N	1	Benzene	5.5 U	0.25	5.5	5	UG/KG
SW8260B/NONE	072SB-0052-0001-SO	N	1	Ethylbenzene	5.5 U	0.28	5.5	5	UG/KG
SW8260B/NONE	072SB-0052-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.5 U	0.47	5.5	5	UG/KG
SW8260B/NONE	072SB-0052-0001-SO	N	1	Toluene	5.5 U	0.3	5.5	5	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0052-0001-SO	N	1	Xylenes, Total	11 U	0.73	11	10	UG/KG
SW8260B/NONE	072SB-0055-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,1,1-Trichloroethane	5.1 UJ	0.58	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.1 UJ	0.35	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,1,2-Trichloroethane	5.1 UJ	0.4	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,1-Dichloroethane	5.1 UJ	0.37	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,1-Dichloroethene	5.1 UJ	0.54	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.1 UJ	0.51	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,2-Dichloroethane	5.1 UJ	0.35	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,2-Dichloroethene	10 UJ	0.79	10	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	1,2-Dichloropropane	5.1 UJ	0.71	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	2-Butanone (MEK)	21 UJ	1.4	21	20	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	2-Hexanone	21 UJ	0.65	21	20	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 UJ	0.56	21	20	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Acetone	40 J	6.5	21	20	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Benzene	5.1 UJ	0.24	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Bromochloromethane	5.1 UJ	0.73	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Bromodichloromethane	5.1 UJ	0.29	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Bromoform	5.1 UJ	0.34	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Bromomethane	5.1 UJ	0.56	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Carbon Disulfide	5.1 UJ	0.45	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Carbon Tetrachloride	5.1 UJ	0.38	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Chlorobenzene	5.1 UJ	0.34	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Chloroethane	5.1 UJ	0.89	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Chloroform	5.1 UJ	0.3	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Chloromethane	5.1 UJ	0.42	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	cis-1,3-Dichloropropene	5.1 UJ	0.35	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Dibromochloromethane	5.1 UJ	0.57	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Ethylbenzene	5.1 UJ	0.27	5.1	5	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Methylene Chloride	5.1 UJ	0.69	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Styrene	5.1 UJ	0.15	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Tetrachloroethene (PCE)	5.1 UJ	0.54	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Toluene	2.6 J	0.28	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	trans-1,3-Dichloropropene	5.1 UJ	0.56	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Trichloroethene (TCE)	5.1 UJ	0.43	5.1	5	UG/KG
SW8260B/NONE	073SB-0011M-0001-SO	N	1	Vinyl Chloride	5.1 UJ	0.4	5.1	5	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0035-0001-SO	N	1	Benzyl alcohol	400 U	25	400	330	UG/KG
SW8270C/NONE	072SB-0035-0001-SO	N	1	Carbazole	60 U	32	60	50	UG/KG
SW8270C/NONE	072SB-0035-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	072SB-0035-0001-SO	N	1	Hexachlorocyclopentadiene	400 U	32	400	330	UG/KG
SW8270C/NONE	072SB-0036-0001-SO	FD	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0036-0001-SO	FD	1	Carbazole	57 U	31	57	50	UG/KG
SW8270C/NONE	072SB-0036-0001-SO	FD	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0036-0001-SO	FD	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0037-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0037-0001-SO	N	1	Carbazole	60 U	32	60	50	UG/KG
SW8270C/NONE	072SB-0037-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	072SB-0037-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0038-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0038-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0038-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0038-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0039-0001-SO	N	1	Benzyl alcohol	400 U	25	400	330	UG/KG
SW8270C/NONE	072SB-0039-0001-SO	N	1	Carbazole	60 U	32	60	50	UG/KG
SW8270C/NONE	072SB-0039-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	072SB-0039-0001-SO	N	1	Hexachlorocyclopentadiene	400 U	32	400	330	UG/KG
SW8270C/NONE	072SB-0040-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Reporting Anomalies

SDG Name: 240-18449-1_(72-73-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0040-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0040-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0040-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0041-0001-SO	N	1	Benzyl alcohol	400 U	25	400	330	UG/KG
SW8270C/NONE	072SB-0041-0001-SO	N	1	Carbazole	60 U	33	60	50	UG/KG
SW8270C/NONE	072SB-0041-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	072SB-0041-0001-SO	N	1	Hexachlorocyclopentadiene	400 U	33	400	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Worksheet

SDG Name: 240-18449-1_(72-73-SB)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: M8015D

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: M8015V

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?			•	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?	•			
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			MS and Sample Duplicate
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?		•		
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: SW7471A

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?		•		
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			MS and Sample Duplicate
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: SW8081

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: SW8082

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: SW8260B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			
Were target analytes reported in the field blank analyses above the MDL?		•		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•			Both samples were reported as non-detects

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1 (72-73-SB)

Was an LCS/LCSD pair prepared and analyzed with each batch?	•	
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•	
Were the LCS/LCSD RPDs within QAPP acceptance limits?	•	Only LCS was performed
Was the duplicate RPD within QAPP acceptance limits?	•	
Are all samples associated with QC non-compliances flagged appropriately?	•	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•	
Was a MS/MSD pair prepared with each batch?	•	
Is the MS/MSD parent sample the one designated by the sampling team?	•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•	
Were surrogate recoveries within QAPP acceptance limits?	•	
Were reported sample concentrations within calibration range?	•	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•	

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Was the CCV a mid-level standard from the initial calibration curve?	•	
Did the CCCs have a %Difference within QAPP acceptance limits?	•	
Were the average RFs for the SPCCs within QAPP acceptance limits?	•	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•	
Were the retention times for all IS compounds within QAPP acceptance limits?	•	
Are the area counts of all IS compounds within QAPP acceptance limits?	•	
Was a method blank prepared and analyzed with each batch?	•	
Were target analytes detected in the method blank above the MDL?	•	
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•	
Were target analytes reported in the field blank analyses above the MDL?	•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•	
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•	Benzoic Acid was not recovered
Were the LCS/LCSD RPDs within QAPP acceptance limits?	•	
Was the duplicate RPD within QAPP acceptance limits?	•	
Are all samples associated with QC non-compliances flagged appropriately?	•	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•	
Was a MS/MSD pair prepared with each batch?	•	
Is the MS/MSD parent sample the one designated by the sampling team?	•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•	
Were surrogate recoveries within QAPP acceptance limits?	•	
Were reported sample concentrations within calibration range?	•	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•	

AUTOMATED DATA REVIEW SUMMARY for 240-18449-1_(72-73-SB)

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

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WORKSHEET 5

Automated Data Review Summary for 240-18544-1

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor:

SDG: 240-18544-1_(72-75-76), Certified - 1/9/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-18544-1_(72-75-76)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	11		4	
M8015D/NONE	6		1	
M8015V/NONE	6		1	
SW6020/NONE	22		11	
SW7471A/NONE	27		12	
SW8081/NONE	8		0	
SW8082/NONE	12		4	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8260B/NONE	23	4	10	0
SW8270C/NONE	23		10	
SW8330B/NONE	12		3	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18544-1_(72-75-76). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- Lab Replicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

- Equipment Blank
- Field Blank
- Initial Calibration Verification
- LCS RPD
- Material Blank
- Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 581 results (12.49%) out of the 4650 results (sample and field QC samples) reported are qualified based on review and 66 results (1.42%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

M8015V	
SW6020	
SW7471A	
SW8081	
SW8082	
SW8260B	
SW8270C	
SW8330B	

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
M	MS Recovery
N	Blank - No Action
O	ICS
P	Sample preservation/collection requirement not met.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reason and Comment Code Definitions

P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

Flag Code and Definitions

Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7756	7638	NA	LABQC	SQ	LABQC	MB 320-7571/1-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:16 PM	LB
	7638	NA	LABQC	SQ	LABQC	LCS 320-7571/2-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:18 PM	BS
	7638	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:20 PM	N
	7638	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:22 PM	N
	7638	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:24 PM	N
	7638	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:34 PM	MS
	7638	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:36 PM	SD
	7638	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:38 PM	N
	7638	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		1/1	06-Dec-2012 3:45 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:40 PM	N
	7638	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		1/1	06-Dec-2012 3:45 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:42 PM	FD
	7638	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		1/1	06-Dec-2012 4:35 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:44 PM	N
	7638	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		1/1	06-Dec-2012 4:35 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:46 PM	FD
	7638	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		1/1	06-Dec-2012 4:25 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:48 PM	FD
	7638	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		1/1	06-Dec-2012 4:26 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:50 PM	FD
	7638	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	20-Dec-2012 8:01 AM	20-Dec-2012 12:52 PM	N
	7638	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	20-Dec-2012 8:01 AM	20-Dec-2012 1:02 PM	N
	7638	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/1	06-Dec-2012 5:04 PM	20-Dec-2012 8:01 AM	20-Dec-2012 1:04 PM	N
	7638	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/1	06-Dec-2012 5:25 PM	20-Dec-2012 8:01 AM	20-Dec-2012 1:06 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7756	7638	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	20-Dec-2012 8:01 AM	20-Dec-2012 1:08 PM	N
Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69251	69020	NA	LABQC	SQ	LABQC	MB 240-69020/4-A		1/1	17-Dec-2012 1:11 PM	17-Dec-2012 1:11 PM	18-Dec-2012 3:13 PM	LB
	69020	NA	LABQC	SQ	LABQC	LCS 240-69020/24-A		1/1	17-Dec-2012 1:11 PM	17-Dec-2012 1:11 PM	18-Dec-2012 3:43 PM	BS
	69020	NA	72-BM-RV46-SB1	SO	072SB-0063-0001-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	17-Dec-2012 1:11 PM	18-Dec-2012 4:13 PM	N
	69020	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	17-Dec-2012 1:11 PM	18-Dec-2012 4:44 PM	MS
	69020	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	17-Dec-2012 1:11 PM	18-Dec-2012 5:14 PM	SD
	69020	NA	72-BM-RV46-SB1	SO	072SB-0064-0001-SO	240-18544-2		1/1	06-Dec-2012 9:22 AM	17-Dec-2012 1:11 PM	18-Dec-2012 5:44 PM	FD
	69020	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	17-Dec-2012 1:11 PM	18-Dec-2012 6:15 PM	N
	69020	NA	72-BM-RV46-SB3	SO	072SB-0066-0001-SO	240-18544-4		1/1	06-Dec-2012 10:12 AM	17-Dec-2012 1:11 PM	18-Dec-2012 6:45 PM	N
	69020	NA	72-BM-RV46-SB1	SO	072SB-0068-0001-SO	240-18544-6		1/1	06-Dec-2012 10:20 AM	17-Dec-2012 1:11 PM	18-Dec-2012 7:45 PM	N
	69020	NA	76-A6-UST-SB3	SO	076SB-0078-0001-SO	240-18544-18		1/1	16-Nov-2012 12:15 PM	17-Dec-2012 1:11 PM	18-Dec-2012 8:46 PM	N
69475	69020	NA	72-BM-RV46-SB4	SO	072SB-0067-0001-SO	240-18544-5		1/10	06-Dec-2012 10:20 AM	17-Dec-2012 1:11 PM	19-Dec-2012 7:57 PM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69142	NA	NA	LABQC	SQ	LABQC	MB 240-69142/42		1/1	19-Dec-2012 11:03 AM		19-Dec-2012 11:03 AM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-69142/43		1/1	19-Dec-2012 11:41 AM		19-Dec-2012 11:41 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69540	NA	NA	LABQC	SQ	LABQC	LCS 240-69540/8		1/1	20-Dec-2012 1:51 PM		20-Dec-2012 1:51 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-69540/10		1/1	20-Dec-2012 3:08 PM		20-Dec-2012 3:08 PM	LB
69142	69349	NA	72-BM-RV46-SB1	SO	072SB-0063-0001-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	19-Dec-2012 12:19 PM	N
	69349	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	19-Dec-2012 12:57 PM	MS
	69349	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	19-Dec-2012 1:35 PM	SD
	69349	NA	72-BM-RV46-SB1	SO	072SB-0064-0001-SO	240-18544-2		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	19-Dec-2012 2:13 PM	FD
	69349	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	07-Dec-2012 8:05 PM	19-Dec-2012 2:51 PM	N
	69349	NA	72-BM-RV46-SB3	SO	072SB-0066-0001-SO	240-18544-4		1/1	06-Dec-2012 10:12 AM	07-Dec-2012 8:05 PM	19-Dec-2012 3:29 PM	N
69540	69629	NA	72-BM-RV46-SB1	SO	072SB-0068-0001-SO	240-18544-6		1/1	06-Dec-2012 10:20 AM	07-Dec-2012 8:05 PM	20-Dec-2012 8:02 PM	N
	69629	NA	76-A6-UST-SB3	SO	076SB-0078-0001-SO	240-18544-18		1/1	16-Nov-2012 12:15 PM	07-Dec-2012 8:05 PM	20-Dec-2012 8:42 PM	N
	69008	NA	LABQC	SQ	LABQC	MB 240-69008/1-A		1/1	17-Dec-2012 12:29 PM	17-Dec-2012 12:29 PM	20-Dec-2012 9:21 PM	LB
	69008	NA	LABQC	SQ	LABQC	LCS 240-69008/2-A		1/1	17-Dec-2012 12:29 PM	17-Dec-2012 12:29 PM	20-Dec-2012 9:59 PM	BS
	69008	NA	72-BM-RV46-SB4	SO	072SB-0067-0001-SO	240-18544-5		1/1	06-Dec-2012 10:20 AM	17-Dec-2012 12:29 PM	20-Dec-2012 10:37 PM	N
Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59603	59175	NA	LABQC	SQ	LABQC	MB 180-59175/1-A		1/1	12-Dec-2012 12:22 PM	12-Dec-2012 12:22 PM	27-Dec-2012 4:38 PM	LB
	59175	NA	LABQC	SQ	LABQC	LCS 180-59175/2-A		1/1	12-Dec-2012 12:22 PM	12-Dec-2012 12:22 PM	27-Dec-2012 4:42 PM	BS
	59175	NA	72-BM-RV46-SB1	SO	072SB-0063-0001-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	12-Dec-2012 12:22 PM	27-Dec-2012 4:49 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59603	59175	NA	72-BM-RV46-SB1	SO	072SB-0064-0001-SO	240-18544-2		1/1	06-Dec-2012 9:22 AM	12-Dec-2012 12:22 PM	27-Dec-2012 7:12 PM	FD
	59175	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	12-Dec-2012 12:22 PM	27-Dec-2012 7:32 PM	N
	59175	NA	72-BM-RV46-SB3	SO	072SB-0066-0001-SO	240-18544-4		1/1	06-Dec-2012 10:12 AM	12-Dec-2012 12:22 PM	27-Dec-2012 7:40 PM	N
	59175	NA	72-BM-RV46-SB4	SO	072SB-0067-0001-SO	240-18544-5		1/1	06-Dec-2012 10:20 AM	12-Dec-2012 12:22 PM	27-Dec-2012 7:45 PM	N
	59179	NA	LABQC	SQ	LABQC	MB 180-59179/1-A		1/1	14-Dec-2012 11:44 AM	14-Dec-2012 11:44 AM	27-Dec-2012 7:53 PM	LB
	59179	NA	LABQC	SQ	LABQC	LCS 180-59179/2-A		1/1	14-Dec-2012 11:44 AM	14-Dec-2012 11:44 AM	27-Dec-2012 7:57 PM	BS
	59179	NA	76-102-BB-SB	SO	076SB-0090M-0001-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	14-Dec-2012 11:44 AM	27-Dec-2012 8:04 PM	N
	59179	NA	76-102-BB-SB	SO	076SB-0091M-0001-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	14-Dec-2012 11:44 AM	27-Dec-2012 8:44 PM	N
	59179	NA	76-102-BB-SB1	SO	076SB-0092M-0001-SO	240-18544-10		1/1	06-Dec-2012 1:25 PM	14-Dec-2012 11:44 AM	27-Dec-2012 9:27 PM	N
	59179	NA	76-102-BB-SB1	SO	076SB-0093M-0001-SO	240-18544-11		1/1	06-Dec-2012 1:25 PM	14-Dec-2012 11:44 AM	27-Dec-2012 9:32 PM	FD
	59179	NA	76-102-BB-SB2	SO	076SB-0094M-0001-SO	240-18544-12		1/1	06-Dec-2012 1:35 PM	14-Dec-2012 11:44 AM	27-Dec-2012 9:36 PM	N
	59179	NA	76-102-BB-SB2	SO	076SB-0095M-0001-SO	240-18544-13		1/1	06-Dec-2012 1:35 PM	14-Dec-2012 11:44 AM	27-Dec-2012 9:40 PM	FD
	59179	NA	76-102-BB-SB3	SO	076SB-0096M-0001-SO	240-18544-14		1/1	06-Dec-2012 2:08 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:00 PM	N
	59179	NA	76-102-BB-SB3	SO	076SB-0097M-0001-SO	240-18544-15		1/1	06-Dec-2012 2:08 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:04 PM	FD
	59179	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:08 PM	N
	59179	NA	76-102-BB-SB5	SO	076SB-0099M-0001-SO	240-18544-17		1/1	06-Dec-2012 3:40 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:13 PM	N
	59179	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:17 PM	N
	59179	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		1/1	06-Dec-2012 3:45 AM	14-Dec-2012 11:44 AM	27-Dec-2012 10:22 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59603	59179	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		1/1	06-Dec-2012 3:45 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:26 PM	FD
	59179	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		1/1	06-Dec-2012 4:35 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:30 PM	N
	59179	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		1/1	06-Dec-2012 4:35 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:35 PM	FD
	59179	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		1/1	06-Dec-2012 4:25 PM	14-Dec-2012 11:44 AM	27-Dec-2012 10:39 PM	FD
	59179	NA	72-BM-RV46-SB1	SO	072SB-0068-0001-SO	240-18544-6		1/1	06-Dec-2012 10:20 AM	14-Dec-2012 11:44 AM	27-Dec-2012 10:58 PM	N
	59179	NA	76-A6-UST-SB3	SO	076SB-0078-0001-SO	240-18544-18		1/1	16-Nov-2012 12:15 PM	14-Dec-2012 11:44 AM	27-Dec-2012 11:03 PM	N
59694	59183	NA	LABQC	SQ	LABQC	MB 180-59183/1-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:33 PM	LB
	59183	NA	LABQC	SQ	LABQC	LCS 180-59183/2-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:37 PM	BS
	59183	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:42 PM	N
	59183	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		1/1	06-Dec-2012 4:26 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:03 AM	FD
	59183	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:08 AM	N
	59183	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:12 AM	N
	59183	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/1	06-Dec-2012 5:04 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:31 AM	N
	59183	NA	76-A3-UST	SO	076SB-0111M-0001-SO	240-18544-30		1/1	06-Dec-2012 5:04 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:36 AM	FD
	59183	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/1	06-Dec-2012 5:25 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:40 AM	N
	59183	NA	76-U4-UST	SO	076SB-0113M-0001-SO	240-18544-32		1/1	06-Dec-2012 5:25 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:44 AM	FD
	59183	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:49 AM	N
	59183	NA	76-U5-UST	SO	076SB-0115M-0001-SO	240-18544-34		1/1	06-Dec-2012 5:35 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:53 AM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59603	59175	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	29-Dec-2012 8:54 AM	29-Dec-2012 4:58 PM	SD
	59175	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	29-Dec-2012 8:54 AM	29-Dec-2012 5:02 PM	MS
	59179	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	29-Dec-2012 8:59 AM	29-Dec-2012 8:13 PM	SD
	59179	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	29-Dec-2012 8:59 AM	29-Dec-2012 8:17 PM	MS
	59179	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8DU		1/1	06-Dec-2012 2:41 PM	29-Dec-2012 8:59 AM	29-Dec-2012 8:53 PM	SD
	59179	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	29-Dec-2012 8:59 AM	29-Dec-2012 8:57 PM	MS
59694	59183	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	29-Dec-2012 9:02 AM	29-Dec-2012 11:50 PM	SD
	59183	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	29-Dec-2012 9:02 AM	29-Dec-2012 11:55 PM	MS
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68700	68388	NA	LABQC	SQ	LABQC	MB 240-68388/1-A		1/1	12-Dec-2012 3:05 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:28 PM	LB
	68388	NA	LABQC	SQ	LABQC	LCS 240-68388/2-A		1/1	12-Dec-2012 3:05 PM	12-Dec-2012 3:05 PM	13-Dec-2012 8:29 PM	BS
	68388	NA	72-BM-RV46-SB1	SO	072SB-0063-0001-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:38 PM	N
	68388	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:39 PM	SD
	68388	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:42 PM	MS
	68388	NA	72-BM-RV46-SB1	SO	072SB-0064-0001-SO	240-18544-2		1/1	06-Dec-2012 9:22 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:52 PM	FD
	68388	NA	72-BM-RV46-SB3	SO	072SB-0066-0001-SO	240-18544-4		1/1	06-Dec-2012 10:12 AM	12-Dec-2012 3:05 PM	13-Dec-2012 8:54 PM	N
	68388	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	12-Dec-2012 3:05 PM	13-Dec-2012 9:24 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69127	68775	NA	LABQC	SQ	LABQC	MB 240-68775/1-A		1/1	14-Dec-2012 2:40 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:44 PM	LB
	68775	NA	LABQC	SQ	LABQC	LCS 240-68775/2-A		1/1	14-Dec-2012 2:40 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:47 PM	BS
	68775	NA	76-102-BB-SB	SO	076SB-0090M-0001-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:49 PM	N
	68775	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:51 PM	SD
	68775	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:53 PM	MS
	68775	NA	76-102-BB-SB	SO	076SB-0091M-0001-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:55 PM	N
	68775	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:57 PM	SD
	68775	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	14-Dec-2012 2:40 PM	17-Dec-2012 4:59 PM	MS
	68775	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		1/1	06-Dec-2012 4:25 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:01 PM	FD
	68775	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:03 PM	N
	68775	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		1/1	06-Dec-2012 3:45 AM	14-Dec-2012 2:40 PM	17-Dec-2012 5:08 PM	N
	68775	NA	76-102-BB-SB2	SO	076SB-0094M-0001-SO	240-18544-12		1/1	06-Dec-2012 1:35 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:10 PM	N
	68775	NA	72-BM-RV46-SB4	SO	072SB-0067-0001-SO	240-18544-5		1/1	06-Dec-2012 10:20 AM	14-Dec-2012 2:40 PM	17-Dec-2012 5:12 PM	N
	68775	NA	76-102-BB-SB2	SO	076SB-0095M-0001-SO	240-18544-13		1/1	06-Dec-2012 1:35 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:14 PM	FD
	68775	NA	76-A6-UST-SB3	SO	076SB-0078-0001-SO	240-18544-18		1/1	16-Nov-2012 12:15 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:16 PM	N
	68775	NA	72-BM-RV46-SB1	SO	072SB-0068-0001-SO	240-18544-6		1/1	06-Dec-2012 10:20 AM	14-Dec-2012 2:40 PM	17-Dec-2012 5:18 PM	N
	68775	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		1/1	06-Dec-2012 3:45 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:20 PM	FD
	68775	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		1/1	06-Dec-2012 4:35 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:22 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW7471A; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69127	68775	NA	76-102-BB-SB5	SO	076SB-0099M-0001-SO	240-18544-17		1/1	06-Dec-2012 3:40 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:24 PM	N
	68775	NA	76-102-BB-SB3	SO	076SB-0097M-0001-SO	240-18544-15		1/1	06-Dec-2012 2:08 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:26 PM	FD
	68775	NA	76-102-BB-SB3	SO	076SB-0096M-0001-SO	240-18544-14		1/1	06-Dec-2012 2:08 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:32 PM	N
	68775	NA	76-102-BB-SB1	SO	076SB-0092M-0001-SO	240-18544-10		1/1	06-Dec-2012 1:25 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:34 PM	N
	68775	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		1/1	06-Dec-2012 4:35 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:36 PM	FD
	68775	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:38 PM	N
	68775	NA	76-102-BB-SB1	SO	076SB-0093M-0001-SO	240-18544-11		1/1	06-Dec-2012 1:25 PM	14-Dec-2012 2:40 PM	17-Dec-2012 5:40 PM	FD
69324	69021	NA	LABQC	SQ	LABQC	MB 240-69021/1-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:17 AM	LB
	69021	NA	LABQC	SQ	LABQC	LCS 240-69021/2-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:19 AM	BS
	69021	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:22 AM	N
	69021	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:24 AM	SD
	69021	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:26 AM	MS
	69021	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/1	06-Dec-2012 5:25 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:35 AM	N
	69021	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		1/1	06-Dec-2012 4:26 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:39 AM	FD
	69021	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:41 AM	N
	69021	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/1	06-Dec-2012 5:04 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:49 AM	N
	69021	NA	76-U4-UST	SO	076SB-0113M-0001-SO	240-18544-32		1/1	06-Dec-2012 5:25 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:53 AM	FD
	69021	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:59 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69324	69021	NA	76-U5-UST	SO	076SB-0115M-0001-SO	240-18544-34		1/1	06-Dec-2012 5:35 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:05 PM	FD
	69021	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:09 PM	N
	69021	NA	76-A3-UST	SO	076SB-0111M-0001-SO	240-18544-30		1/1	06-Dec-2012 5:04 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:11 PM	FD
70191	69805	NA	LABQC	SQ	LABQC	MB 240-69805/1-A		1/1	21-Dec-2012 2:10 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:48 PM	LB
	69805	NA	LABQC	SQ	LABQC	LCS 240-69805/2-A		1/1	21-Dec-2012 2:10 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:50 PM	BS
	69805	NA	75-GRTP-DU1-TR1	SO	075TR-0002-0001-SO	240-18544-38		1/1	06-Dec-2012 2:00 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:53 PM	N
	69805	NA	75-GRTP-DU1-TR1	SO	075TR-0002-0001-SO	240-18544-38		1/1	06-Dec-2012 2:00 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:55 PM	LR
	69805	NA	75-GRTP-DU1-TR1	SO	075TR-0002-0001-SO	240-18544-38		1/1	06-Dec-2012 2:00 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:57 PM	MS
	69805	NA	75-GRTP-DU1-TR1	SO	075TR-0003-0001-SO	240-18544-39		1/1	06-Dec-2012 2:00 PM	21-Dec-2012 2:10 PM	26-Dec-2012 5:05 PM	FD
	69805	NA	75-GRTP-DU1-TR4	SO	075TR-0006-0001-SO	240-18544-42		1/1	06-Dec-2012 2:30 PM	21-Dec-2012 2:10 PM	26-Dec-2012 5:10 PM	N
	69805	NA	75-GRTP-DU1-TR3	SO	075TR-0005-0001-SO	240-18544-41		1/1	06-Dec-2012 2:20 PM	21-Dec-2012 2:10 PM	26-Dec-2012 5:12 PM	N
	69805	NA	75-GRTP-DU1-TR2	SO	075TR-0004-0001-SO	240-18544-40		1/1	06-Dec-2012 2:10 PM	21-Dec-2012 2:10 PM	26-Dec-2012 5:20 PM	N
	69805	NA	75-GRTP-DU1-TR5	SO	075TR-0007-0001-SO	240-18544-43		1/1	06-Dec-2012 2:40 PM	21-Dec-2012 2:10 PM	26-Dec-2012 5:34 PM	N
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68628	68407	NA	LABQC	SQ	LABQC	LCS 240-68407/9-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 4:26 AM	BS
	68407	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	12-Dec-2012 2:20 PM	14-Dec-2012 8:06 AM	N
	68407	NA	LABQC	SQ	LABQC	MB 240-68407/10-A		1/1	12-Dec-2012 2:20 PM	12-Dec-2012 2:20 PM	14-Dec-2012 8:33 AM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69512	69197	NA	LABQC	SQ	LABQC	LCS 240-69197/11-A		1/1	18-Dec-2012 10:19 AM	18-Dec-2012 10:19 AM	20-Dec-2012 3:46 PM	BS
	69197	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	18-Dec-2012 10:19 AM	20-Dec-2012 4:08 PM	N
	69197	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	18-Dec-2012 10:19 AM	20-Dec-2012 4:28 PM	N
	69197	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	18-Dec-2012 10:19 AM	20-Dec-2012 4:50 PM	N
	69197	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	18-Dec-2012 10:19 AM	20-Dec-2012 5:11 PM	N
	69197	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/10	06-Dec-2012 5:25 PM	18-Dec-2012 10:19 AM	20-Dec-2012 5:52 PM	N
	69197	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	18-Dec-2012 10:19 AM	20-Dec-2012 6:35 PM	N
	69197	NA	LABQC	SQ	LABQC	MB 240-69197/10-A		1/1	18-Dec-2012 10:19 AM	18-Dec-2012 10:19 AM	20-Dec-2012 6:57 PM	LB
	69197	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	18-Dec-2012 10:19 AM	20-Dec-2012 7:39 PM	MS
	69197	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	18-Dec-2012 10:19 AM	20-Dec-2012 8:00 PM	SD
69893	69197	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/5	06-Dec-2012 5:04 PM	18-Dec-2012 10:19 AM	22-Dec-2012 9:42 PM	N
Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68676	68401	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	12-Dec-2012 1:49 PM	14-Dec-2012 7:52 AM	N
	68401	NA	LABQC	SQ	LABQC	MB 240-68401/24-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 8:08 AM	LB
	68401	NA	LABQC	SQ	LABQC	LCS 240-68401/23-A		1/1	12-Dec-2012 1:49 PM	12-Dec-2012 1:49 PM	14-Dec-2012 11:16 AM	BS
69521	69187	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	18-Dec-2012 10:12 AM	20-Dec-2012 3:09 PM	N
	69187	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	18-Dec-2012 10:12 AM	20-Dec-2012 3:24 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69521	69187	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	18-Dec-2012 10:12 AM	20-Dec-2012 3:39 PM	MS
	69187	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	18-Dec-2012 10:12 AM	20-Dec-2012 3:54 PM	SD
	69187	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	18-Dec-2012 10:12 AM	20-Dec-2012 4:09 PM	N
	69187	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		1/1	06-Dec-2012 3:45 AM	18-Dec-2012 10:12 AM	20-Dec-2012 4:24 PM	N
	69187	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		1/1	06-Dec-2012 3:45 PM	18-Dec-2012 10:12 AM	20-Dec-2012 4:39 PM	FD
	69187	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		1/1	06-Dec-2012 4:35 PM	18-Dec-2012 10:12 AM	20-Dec-2012 4:54 PM	N
	69187	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		1/1	06-Dec-2012 4:35 PM	18-Dec-2012 10:12 AM	20-Dec-2012 5:09 PM	FD
	69187	NA	LABQC	SQ	LABQC	MB 240-69187/19-A		1/1	18-Dec-2012 10:12 AM	18-Dec-2012 10:12 AM	20-Dec-2012 5:24 PM	LB
	69187	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		1/1	06-Dec-2012 4:25 PM	18-Dec-2012 10:12 AM	20-Dec-2012 5:54 PM	N
	69187	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		1/1	06-Dec-2012 4:26 PM	18-Dec-2012 10:12 AM	20-Dec-2012 6:09 PM	FD
	69187	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	18-Dec-2012 10:12 AM	20-Dec-2012 6:24 PM	N
	69187	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	18-Dec-2012 10:12 AM	20-Dec-2012 6:39 PM	N
	69187	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/1	06-Dec-2012 5:04 PM	18-Dec-2012 10:12 AM	20-Dec-2012 6:54 PM	N
	69187	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/1	06-Dec-2012 5:25 PM	18-Dec-2012 10:12 AM	20-Dec-2012 7:09 PM	N
	69187	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	18-Dec-2012 10:12 AM	20-Dec-2012 7:24 PM	N
	69187	NA	76-U5-UST	SO	076SB-0115M-0001-SO	240-18544-34		1/1	06-Dec-2012 5:35 PM	18-Dec-2012 10:12 AM	20-Dec-2012 7:39 PM	FD
	69187	NA	LABQC	SQ	LABQC	LCS 240-69187/20-A		1/1	18-Dec-2012 10:12 AM	18-Dec-2012 10:12 AM	20-Dec-2012 8:09 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68663	NA	NA	LABQC	SQ	LABQC	LCS 240-68663/6		1/1	14-Dec-2012 12:14 AM		14-Dec-2012 12:14 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68663/7		1/1	14-Dec-2012 12:35 AM		14-Dec-2012 12:35 AM	LB
68830	NA	NA	LABQC	SQ	LABQC	LCS 240-68830/13		1/1	15-Dec-2012 1:12 AM		15-Dec-2012 1:12 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68830/15		1/1	15-Dec-2012 1:54 AM		15-Dec-2012 1:54 AM	LB
68879	NA	NA	LABQC	SQ	LABQC	LCS 240-68879/6		1/1	15-Dec-2012 6:40 PM		15-Dec-2012 6:40 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68879/7		1/1	15-Dec-2012 7:02 PM		15-Dec-2012 7:02 PM	LB
68905	NA	NA	LABQC	SQ	LABQC	LCS 240-68905/6		1/1	17-Dec-2012 12:47 AM		17-Dec-2012 12:47 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68905/7		1/1	17-Dec-2012 1:09 AM		17-Dec-2012 1:09 AM	LB
68663	68262	NA	72-BM-RV46-SB1	SO	072SB-0063-0001-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	14-Dec-2012 7:11 AM	N
	68262	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	14-Dec-2012 7:32 AM	MS
	68262	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	14-Dec-2012 7:53 AM	SD
68830	68262	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	07-Dec-2012 8:05 PM	15-Dec-2012 3:13 AM	N
	68262	NA	76-102-BB-SB	SO	076SB-0090M-0001-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	07-Dec-2012 8:05 PM	15-Dec-2012 3:34 AM	N
	68262	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	07-Dec-2012 8:05 PM	15-Dec-2012 3:55 AM	MS
	68262	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	07-Dec-2012 8:05 PM	15-Dec-2012 4:16 AM	SD
	68262	NA	76-102-BB-SB1	SO	076SB-0092M-0001-SO	240-18544-10		1/1	06-Dec-2012 1:25 PM	07-Dec-2012 8:05 PM	15-Dec-2012 4:38 AM	N
	68262	NA	76-102-BB-SB1	SO	076SB-0093M-0001-SO	240-18544-11		1/1	06-Dec-2012 1:25 PM	07-Dec-2012 8:05 PM	15-Dec-2012 4:59 AM	FD
	68262	NA	76-102-BB-SB2	SO	076SB-0094M-0001-SO	240-18544-12		1/1	06-Dec-2012 1:35 PM	07-Dec-2012 8:05 PM	15-Dec-2012 5:20 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68830	68262	NA	76-102-BB-SB3	SO	076SB-0096M-0001-SO	240-18544-14		1/1	06-Dec-2012 2:08 PM	07-Dec-2012 8:05 PM	15-Dec-2012 6:03 AM	N
	68262	NA	76-102-BB-SB3	SO	076SB-0097M-0001-SO	240-18544-15		1/1	06-Dec-2012 2:08 PM	07-Dec-2012 8:05 PM	15-Dec-2012 6:24 AM	FD
	68262	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	07-Dec-2012 8:05 PM	15-Dec-2012 6:45 AM	N
	68262	NA	76-102-BB-SB5	SO	076SB-0099M-0001-SO	240-18544-17		1/1	06-Dec-2012 3:40 PM	07-Dec-2012 8:05 PM	15-Dec-2012 7:06 AM	N
	68262	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	07-Dec-2012 8:05 PM	15-Dec-2012 7:28 AM	N
	68262	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		1/1	06-Dec-2012 3:45 AM	07-Dec-2012 8:05 PM	15-Dec-2012 7:49 AM	N
68879	68262	NA	76-102-BB-SB2	SO	076SB-0095M-0001-SO	240-18544-13		1/1	06-Dec-2012 1:35 PM	07-Dec-2012 8:05 PM	15-Dec-2012 7:56 PM	FD
	68262	NA	76-102-BB-SB	SO	076SB-0091M-0001-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	07-Dec-2012 8:05 PM	15-Dec-2012 8:39 PM	N
	68262	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	07-Dec-2012 8:05 PM	15-Dec-2012 9:00 PM	MS
	68262	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	07-Dec-2012 8:05 PM	15-Dec-2012 9:21 PM	SD
	68262	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	07-Dec-2012 8:05 PM	15-Dec-2012 9:42 PM	N
	68262	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	07-Dec-2012 8:05 PM	15-Dec-2012 10:04 PM	MS
	68262	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	07-Dec-2012 8:05 PM	15-Dec-2012 10:25 PM	SD
	68262	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		1/1	06-Dec-2012 3:45 PM	07-Dec-2012 8:05 PM	15-Dec-2012 10:46 PM	FD
	68262	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		1/1	06-Dec-2012 4:35 PM	07-Dec-2012 8:05 PM	15-Dec-2012 11:07 PM	N
	68262	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		1/1	06-Dec-2012 4:35 PM	07-Dec-2012 8:05 PM	15-Dec-2012 11:29 PM	FD
	68262	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		1/1	06-Dec-2012 4:25 PM	07-Dec-2012 8:05 PM	15-Dec-2012 11:50 PM	N
	68262	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		1/1	06-Dec-2012 4:26 PM	07-Dec-2012 8:05 PM	16-Dec-2012 12:11 AM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68879	68262	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	07-Dec-2012 8:05 PM	16-Dec-2012 12:33 AM	N
	68262	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	07-Dec-2012 8:05 PM	16-Dec-2012 12:54 AM	N
	68262	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/1	06-Dec-2012 5:04 PM	07-Dec-2012 8:05 PM	16-Dec-2012 1:15 AM	N
	68262	NA	76-A3-UST	SO	076SB-0111M-0001-SO	240-18544-30		1/1	06-Dec-2012 5:04 PM	07-Dec-2012 8:05 PM	16-Dec-2012 1:36 AM	FD
	68262	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/1	06-Dec-2012 5:25 PM	07-Dec-2012 8:05 PM	16-Dec-2012 1:57 AM	N
	68262	NA	76-U4-UST	SO	076SB-0113M-0001-SO	240-18544-32		1/1	06-Dec-2012 5:25 PM	07-Dec-2012 8:05 PM	16-Dec-2012 2:19 AM	FD
	68262	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	07-Dec-2012 8:05 PM	16-Dec-2012 2:40 AM	N
	68262	NA	76-U5-UST	SO	076SB-0115M-0001-SO	240-18544-34		1/1	06-Dec-2012 5:35 PM	07-Dec-2012 8:05 PM	16-Dec-2012 3:01 AM	FD
	68262	NA	72-BM-RV46-SB1	SO	072SB-0064-0001-SO	240-18544-2		1/1	06-Dec-2012 9:22 AM	07-Dec-2012 8:05 PM	16-Dec-2012 3:44 AM	FD
	68262	NA	72-BM-RV46-SB3	SO	072SB-0066-0001-SO	240-18544-4		1/1	06-Dec-2012 10:12 AM	07-Dec-2012 8:05 PM	16-Dec-2012 4:05 AM	N
68905	68262	NA	72-BM-RV46-SB4	SO	072SB-0067-0001-SO	240-18544-5		1/1	06-Dec-2012 10:20 AM	07-Dec-2012 8:05 PM	17-Dec-2012 2:46 AM	N
	68262	NA	72-BM-RV46-SB1	SO	072SB-0068-0001-SO	240-18544-6		1/1	06-Dec-2012 10:20 AM	07-Dec-2012 8:05 PM	17-Dec-2012 3:07 AM	N
	68262	NA	76-A6-UST-SB3	SO	076SB-0078-0001-SO	240-18544-18		1/1	16-Nov-2012 12:15 PM	07-Dec-2012 8:05 PM	17-Dec-2012 3:28 AM	N
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	MB 240-68395/6		1/1	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	LB
	68395	NA	72-BM-RV46-SB4	WG	072SB-0069-0001-TB	240-18544-9		1/1	06-Dec-2012 8:00 AM	12-Dec-2012 5:48 PM	12-Dec-2012 5:48 PM	N
	68395	NA	76-A3-UST	WG	076SB-0116M-0001-TB	240-18544-35		1/1	06-Dec-2012 8:00 AM	12-Dec-2012 6:11 PM	12-Dec-2012 6:11 PM	N
	68395	NA	76-U4-UST	WG	076SB-0117M-0001-TB	240-18544-36		1/1	06-Dec-2012 8:00 AM	12-Dec-2012 6:34 PM	12-Dec-2012 6:34 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68395	68395	NA	76-U5-UST	WG	076SB-0118M-0001-TB	240-18544-37		1/1	06-Dec-2012 8:00 AM	12-Dec-2012 6:56 PM	12-Dec-2012 6:56 PM	N
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69932	69176	NA	LABQC	SQ	LABQC	MB 240-69176/23-A		1/1	18-Dec-2012 9:39 AM	18-Dec-2012 9:39 AM	23-Dec-2012 11:48 AM	LB
	69176	NA	LABQC	SQ	LABQC	LCS 240-69176/24-A		1/1	18-Dec-2012 9:39 AM	18-Dec-2012 9:39 AM	23-Dec-2012 12:26 PM	BS
	69176	NA	76-102-BB-SB	SO	076SB-0091M-0001-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	18-Dec-2012 9:39 AM	23-Dec-2012 12:49 PM	N
	69176	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	18-Dec-2012 9:39 AM	23-Dec-2012 1:13 PM	MS
	69176	NA	76-102-BB-SB	SO	076SB-0091M-0002-SO	240-18544-8		1/1	06-Dec-2012 2:41 PM	18-Dec-2012 9:39 AM	23-Dec-2012 1:36 PM	SD
	69176	NA	72-BM-RV46-SB1	SO	072SB-0063-0001-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	18-Dec-2012 9:39 AM	23-Dec-2012 2:00 PM	N
	69176	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	18-Dec-2012 9:39 AM	23-Dec-2012 2:23 PM	MS
	69176	NA	72-BM-RV46-SB1	SO	072SB-0063-0002-SO	240-18544-1		1/1	06-Dec-2012 9:22 AM	18-Dec-2012 9:39 AM	23-Dec-2012 2:46 PM	SD
	69176	NA	76-102-BB-SB	SO	076SB-0090M-0001-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	18-Dec-2012 9:39 AM	23-Dec-2012 3:09 PM	N
	69176	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	18-Dec-2012 9:39 AM	23-Dec-2012 3:33 PM	MS
	69176	NA	76-102-BB-SB	SO	076SB-0090M-0002-SO	240-18544-7		1/1	06-Dec-2012 2:40 PM	18-Dec-2012 9:39 AM	23-Dec-2012 3:56 PM	SD
	69176	NA	72-BM-RV46-SB4	SO	072SB-0067-0001-SO	240-18544-5		1/4	06-Dec-2012 10:20 AM	18-Dec-2012 9:39 AM	23-Dec-2012 4:20 PM	N
	69176	NA	72-BM-RV46-SB3	SO	072SB-0066-0001-SO	240-18544-4		1/1	06-Dec-2012 10:12 AM	18-Dec-2012 9:39 AM	23-Dec-2012 4:43 PM	N
	69176	NA	76-102-BB-SB1	SO	076SB-0092M-0001-SO	240-18544-10		1/1	06-Dec-2012 1:25 PM	18-Dec-2012 9:39 AM	23-Dec-2012 5:06 PM	N
	69176	NA	76-102-BB-SB1	SO	076SB-0093M-0001-SO	240-18544-11		1/1	06-Dec-2012 1:25 PM	18-Dec-2012 9:39 AM	23-Dec-2012 5:30 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69932	69176	NA	76-102-BB-SB2	SO	076SB-0094M-0001-SO	240-18544-12		1/1	06-Dec-2012 1:35 PM	18-Dec-2012 9:39 AM	23-Dec-2012 5:53 PM	N
	69176	NA	76-102-BB-SB2	SO	076SB-0095M-0001-SO	240-18544-13		1/1	06-Dec-2012 1:35 PM	18-Dec-2012 9:39 AM	23-Dec-2012 6:16 PM	FD
	69176	NA	76-102-BB-SB3	SO	076SB-0096M-0001-SO	240-18544-14		1/1	06-Dec-2012 2:08 PM	18-Dec-2012 9:39 AM	23-Dec-2012 6:40 PM	N
	69176	NA	76-102-BB-SB3	SO	076SB-0097M-0001-SO	240-18544-15		1/1	06-Dec-2012 2:08 PM	18-Dec-2012 9:39 AM	23-Dec-2012 7:03 PM	FD
	69176	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	18-Dec-2012 9:39 AM	23-Dec-2012 7:27 PM	N
69977	69176	NA	76-102-BB-SB5	SO	076SB-0099M-0001-SO	240-18544-17		1/1	06-Dec-2012 3:40 PM	18-Dec-2012 9:39 AM	24-Dec-2012 5:25 PM	N
	69176	NA	72-BM-RV46-SB1	SO	072SB-0064-0001-SO	240-18544-2		1/1	06-Dec-2012 9:22 AM	18-Dec-2012 9:39 AM	24-Dec-2012 5:48 PM	FD
	69176	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	18-Dec-2012 9:39 AM	24-Dec-2012 6:12 PM	N
	69176	NA	72-BM-RV46-SB1	SO	072SB-0068-0001-SO	240-18544-6		1/1	06-Dec-2012 10:20 AM	18-Dec-2012 9:39 AM	24-Dec-2012 6:35 PM	N
	69185	NA	LABQC	SQ	LABQC	MB 240-69185/20-A		1/1	18-Dec-2012 10:06 AM	18-Dec-2012 10:06 AM	24-Dec-2012 10:01 AM	LB
	69185	NA	LABQC	SQ	LABQC	LCS 240-69185/21-A		1/1	18-Dec-2012 10:06 AM	18-Dec-2012 10:06 AM	24-Dec-2012 10:24 AM	BS
	69185	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	18-Dec-2012 10:06 AM	24-Dec-2012 10:47 AM	N
	69185	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	18-Dec-2012 10:06 AM	24-Dec-2012 11:11 AM	MS
	69185	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	18-Dec-2012 10:06 AM	24-Dec-2012 11:34 AM	SD
	69185	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		1/1	06-Dec-2012 4:25 PM	18-Dec-2012 10:06 AM	24-Dec-2012 11:57 AM	N
	69185	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		1/1	06-Dec-2012 4:35 PM	18-Dec-2012 10:06 AM	24-Dec-2012 12:21 PM	FD
	69185	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		1/1	06-Dec-2012 4:35 PM	18-Dec-2012 10:06 AM	24-Dec-2012 12:44 PM	N
	69185	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		1/1	06-Dec-2012 3:45 PM	18-Dec-2012 10:06 AM	24-Dec-2012 1:07 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69977	69185	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		1/1	06-Dec-2012 3:45 AM	18-Dec-2012 10:06 AM	24-Dec-2012 1:31 PM	N
	69185	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	18-Dec-2012 10:06 AM	24-Dec-2012 1:54 PM	N
	69185	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	18-Dec-2012 10:06 AM	24-Dec-2012 2:18 PM	N
	69185	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		1/1	06-Dec-2012 4:26 PM	18-Dec-2012 10:06 AM	24-Dec-2012 2:41 PM	FD
	69185	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	18-Dec-2012 10:06 AM	24-Dec-2012 3:04 PM	N
	69185	NA	76-U5-UST	SO	076SB-0115M-0001-SO	240-18544-34		1/1	06-Dec-2012 5:35 PM	18-Dec-2012 10:06 AM	24-Dec-2012 3:28 PM	FD
	69185	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	18-Dec-2012 10:06 AM	24-Dec-2012 3:51 PM	N
	69185	NA	76-A6-UST-SB3	SO	076SB-0078-0001-SO	240-18544-18		1/1	16-Nov-2012 12:15 PM	18-Dec-2012 10:06 AM	24-Dec-2012 4:15 PM	N
	69185	NA	76-A3-UST	SO	076SB-0111M-0001-SO	240-18544-30		1/1	06-Dec-2012 5:04 PM	18-Dec-2012 10:06 AM	24-Dec-2012 4:38 PM	FD
	69185	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/1	06-Dec-2012 5:04 PM	18-Dec-2012 10:06 AM	24-Dec-2012 5:01 PM	N
70078	69185	NA	76-U4-UST	SO	076SB-0113M-0001-SO	240-18544-32		1/20	06-Dec-2012 5:25 PM	18-Dec-2012 10:06 AM	26-Dec-2012 1:55 PM	FD
	69185	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/20	06-Dec-2012 5:25 PM	18-Dec-2012 10:06 AM	26-Dec-2012 2:18 PM	N
70566	70267	NA	LABQC	SQ	LABQC	LCS 240-70267/24-A		1/1	27-Dec-2012 11:43 AM	27-Dec-2012 11:43 AM	29-Dec-2012 2:18 PM	BS
	70267	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		2/1	06-Dec-2012 4:25 PM	27-Dec-2012 11:43 AM	29-Dec-2012 4:20 PM	N
70814	70267	NA	LABQC	SQ	LABQC	MB 240-70267/23-A		1/1	27-Dec-2012 11:43 AM	27-Dec-2012 11:43 AM	02-Jan-2013 12:45 PM	LB
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7444	NA	LABQC	SQ	LABQC	MB 320-7444/1-A		1/1	17-Dec-2012 10:34 AM	17-Dec-2012 10:34 AM	20-Dec-2012 7:07 AM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7444	NA	LABQC	SQ	LABQC	LCS 320-7444/2-A		1/1	17-Dec-2012 10:34 AM	17-Dec-2012 10:34 AM	20-Dec-2012 7:47 AM	BS
	7444	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		1/1	06-Dec-2012 9:57 AM	17-Dec-2012 10:34 AM	20-Dec-2012 8:27 AM	N
	7444	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		1/1	06-Dec-2012 2:33 PM	17-Dec-2012 10:34 AM	20-Dec-2012 9:48 AM	N
	7444	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	17-Dec-2012 10:34 AM	20-Dec-2012 10:28 AM	N
	7444	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	17-Dec-2012 10:34 AM	20-Dec-2012 11:48 AM	MS
	7444	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		1/1	06-Dec-2012 3:27 PM	17-Dec-2012 10:34 AM	20-Dec-2012 12:29 PM	SD
	7444	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		1/1	06-Dec-2012 3:28 PM	17-Dec-2012 10:34 AM	20-Dec-2012 1:09 PM	N
	7444	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		1/1	06-Dec-2012 3:45 AM	17-Dec-2012 10:34 AM	20-Dec-2012 1:49 PM	N
	7444	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		1/1	06-Dec-2012 3:45 PM	17-Dec-2012 10:34 AM	20-Dec-2012 2:29 PM	FD
	7444	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		1/1	06-Dec-2012 4:35 PM	17-Dec-2012 10:34 AM	20-Dec-2012 3:09 PM	N
	7444	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		1/1	06-Dec-2012 4:35 PM	17-Dec-2012 10:34 AM	20-Dec-2012 3:50 PM	FD
	7444	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		1/1	06-Dec-2012 4:25 PM	17-Dec-2012 10:34 AM	20-Dec-2012 5:10 PM	N
	7444	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		1/1	06-Dec-2012 4:26 PM	17-Dec-2012 10:34 AM	20-Dec-2012 5:51 PM	FD
	7444	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		1/1	06-Dec-2012 3:50 PM	17-Dec-2012 10:34 AM	20-Dec-2012 6:31 PM	N
	7444	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		1/1	06-Dec-2012 4:05 PM	17-Dec-2012 10:34 AM	20-Dec-2012 7:12 PM	N
	7444	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		1/1	06-Dec-2012 5:04 PM	17-Dec-2012 10:34 AM	20-Dec-2012 7:52 PM	N
	7444	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		1/1	06-Dec-2012 5:25 PM	17-Dec-2012 10:34 AM	20-Dec-2012 8:32 PM	N
	7444	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		1/1	06-Dec-2012 5:35 PM	17-Dec-2012 10:34 AM	20-Dec-2012 9:13 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7989	7444	NA	LABQC	SQ	LABQC	MB 320-7444/1-A		2/1	17-Dec-2012 10:34 AM	17-Dec-2012 10:34 AM	28-Dec-2012 3:00 PM	LB
	7444	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		3/1	06-Dec-2012 3:27 PM	17-Dec-2012 10:34 AM	28-Dec-2012 4:06 PM	N
	7444	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		3/1	06-Dec-2012 3:45 AM	17-Dec-2012 10:34 AM	28-Dec-2012 5:11 PM	N
	7444	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		3/1	06-Dec-2012 4:26 PM	17-Dec-2012 10:34 AM	28-Dec-2012 6:17 PM	FD
7855	7464	NA	LABQC	SQ	LABQC	MB 320-7464/1-A		1/1	17-Dec-2012 11:57 AM	17-Dec-2012 11:57 AM	26-Dec-2012 8:00 PM	LB
	7464	NA	LABQC	SQ	LABQC	LCS 320-7464/2-A		1/1	17-Dec-2012 11:57 AM	17-Dec-2012 11:57 AM	26-Dec-2012 8:14 PM	BS
	7464	NA	72-BM-RV46-SB2	SO	072SB-0065-0001-SO	240-18544-3		2/1	06-Dec-2012 9:57 AM	17-Dec-2012 11:57 AM	26-Dec-2012 8:29 PM	N
	7464	NA	76-102-BB-SB4	SO	076SB-0098M-0001-SO	240-18544-16		2/1	06-Dec-2012 2:33 PM	17-Dec-2012 11:57 AM	26-Dec-2012 8:58 PM	N
	7464	NA	76-102-PCA-SB	SO	076SB-0100M-0001-SO	240-18544-19		2/1	06-Dec-2012 3:27 PM	17-Dec-2012 11:57 AM	26-Dec-2012 9:12 PM	N
	7464	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		2/1	06-Dec-2012 3:27 PM	17-Dec-2012 11:57 AM	26-Dec-2012 9:26 PM	MS
	7464	NA	76-102-PCA-SB	SO	076SB-0100M-0002-SO	240-18544-19		2/1	06-Dec-2012 3:27 PM	17-Dec-2012 11:57 AM	26-Dec-2012 9:41 PM	SD
	7464	NA	76-102-PCA-SB	SO	076SB-0101M-0001-SO	240-18544-20		2/1	06-Dec-2012 3:28 PM	17-Dec-2012 11:57 AM	26-Dec-2012 9:55 PM	N
	7464	NA	76-102-PCA-SB1	SO	076SB-0102M-0001-SO	240-18544-21		2/1	06-Dec-2012 3:45 AM	17-Dec-2012 11:57 AM	26-Dec-2012 10:09 PM	N
	7464	NA	76-102-PCA-SB1	SO	076SB-0103M-0001-SO	240-18544-22		2/1	06-Dec-2012 3:45 PM	17-Dec-2012 11:57 AM	26-Dec-2012 10:24 PM	FD
	7464	NA	76-102-PCA-SB2	SO	076SB-0104M-0001-SO	240-18544-23		2/1	06-Dec-2012 4:35 PM	17-Dec-2012 11:57 AM	26-Dec-2012 10:38 PM	N
	7464	NA	76-102-PCA-SB2	SO	076SB-0105M-0001-SO	240-18544-24		2/1	06-Dec-2012 4:35 PM	17-Dec-2012 11:57 AM	26-Dec-2012 10:53 PM	FD
	7464	NA	76-102-PCA-SB3	SO	076SB-0106M-0001-SO	240-18544-25		2/1	06-Dec-2012 4:25 PM	17-Dec-2012 11:57 AM	26-Dec-2012 11:07 PM	N
	7464	NA	76-102-PCA-SB3	SO	076SB-0107M-0001-SO	240-18544-26		2/1	06-Dec-2012 4:26 PM	17-Dec-2012 11:57 AM	26-Dec-2012 11:36 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7855	7464	NA	76-102-PCA-SB4	SO	076SB-0108M-0001-SO	240-18544-27		2/1	06-Dec-2012 3:50 PM	17-Dec-2012 11:57 AM	26-Dec-2012 11:50 PM	N
	7464	NA	76-102-PCA-SB5	SO	076SB-0109M-0001-SO	240-18544-28		2/1	06-Dec-2012 4:05 PM	17-Dec-2012 11:57 AM	27-Dec-2012 12:04 AM	N
	7464	NA	76-A3-UST	SO	076SB-0110M-0001-SO	240-18544-29		2/1	06-Dec-2012 5:04 PM	17-Dec-2012 11:57 AM	27-Dec-2012 12:19 AM	N
	7464	NA	76-U4-UST	SO	076SB-0112M-0001-SO	240-18544-31		2/1	06-Dec-2012 5:25 PM	17-Dec-2012 11:57 AM	27-Dec-2012 12:33 AM	N
	7464	NA	76-U5-UST	SO	076SB-0114M-0001-SO	240-18544-33		2/1	06-Dec-2012 5:35 PM	17-Dec-2012 11:57 AM	27-Dec-2012 12:47 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
E353.2 / METHOD/NONE	Blank	MB 320-7571/1-B (LB) / MB 320-7571/1-B	1 / 1.00	Nitrocellulose	1.3 (MG/KG)	U/None	< 0.78	< 5	L		1	1.31
E353.2 / METHOD/NONE	Test Hold Time	072SB-0065-0001-SO (N) / 240-18544-3	1 / 1.00	Nitrocellulose	14.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	076SB-0102M-0001-SO (N) / 240-18544-21	1 / 1.00	Nitrocellulose	14.4 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
M8015D / SW3540C	Prep Hold Time	076SB-0078-0001-SO (N) / 240-18544-18	1 / 1.00	All in Run	31.0 (Days)	J/R	< 14	< 28	H2	Prep Exceeds UCL		
SW6020 / SW3050B/NONE	Blank	MB 180-59175/1-A (LB) / MB 180-59175/1-A	1 / 1.00	Aluminum	0.34 (MG/KG)	U/None	< 0.28	< 3	L		1	0.337
SW6020 / SW3050B/NONE	Blank	MB 180-59175/1-A (LB) / MB 180-59175/1-A	1 / 1.00	Calcium	2.6 (MG/KG)	U/None	< 1.3	< 10	L		1	2.62
SW6020 / SW3050B/NONE	Blank	MB 180-59179/1-A (LB) / MB 180-59179/1-A	1 / 1.00	Aluminum	0.79 (MG/KG)	U/None	< 0.28	< 3	L		1	0.790
SW6020 / SW3050B/NONE	Blank	MB 180-59179/1-A (LB) / MB 180-59179/1-A	1 / 1.00	Calcium	2.3 (MG/KG)	U/None	< 1.3	< 10	L		1	2.32
SW6020 / SW3050B/NONE	Blank	MB 180-59179/1-A (LB) / MB 180-59179/1-A	1 / 1.00	Iron	2.4 (MG/KG)	U/None	< 1.1	< 5	L		1	2.38
SW6020 / SW3050B/NONE	Blank	MB 180-59179/1-A (LB) / MB 180-59179/1-A	1 / 1.00	Manganese	0.031 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0305
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Aluminum	0.52 (MG/KG)	U/None	< 0.28	< 3	L		1	0.515
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.011	< 1	L		1	0.0133
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Calcium	2.8 (MG/KG)	U/None	< 1.3	< 10	L		1	2.78
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Iron	1.1 (MG/KG)	U/None	< 1.1	< 5	L		1	1.12
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Nickel	0.013 (MG/KG)	U/None	< 0.011	< 0.1	L		1	0.0132
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Zinc	0.14 (MG/KG)	U/None	< 0.065	< 0.5	L		1	0.141
SW7471A / TOTAL/NONE	MS Recovery	072SB-0063-0002-SO (SD) / 240-18544-1	1 / 1.00	Mercury	0.0000 (PERCENT)	J/R	80 - 120	30 - 125	M			
SW7471A / TOTAL/NONE	MS Recovery	076SB-0091M-0002-SO (SD) / 240-18544-8	1 / 1.00	Mercury	78.0 (PERCENT)	J/UJ	80 - 120	30 - 125	M	Spike amount Insignificant	4.00	
SW7471A / TOTAL/NONE	MS Recovery	076SB-0100M-0002-SO (SD) / 240-18544-19	1 / 1.00	Mercury	37.8 (PERCENT)	J/UJ	80 - 120	30 - 125	M	Spike amount Insignificant	4.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW7471A / TOTAL	Test Hold Time	076SB-0078-0001-SO (N) / 240-18544-18	1 / 1.00	All in Run	31.2 (Days)	J/UJ	< 28	< 56	H1	Test Exceeds UWL		
SW8082 / SW3540C/NONE	Surrogate	076SB-0100M-0001-SO (N) / 240-18544-19	1 / 1.00	Decachlorobiphenyl	59.0 (PERCENT)	J/UJ	60 - 125	10 - 125	I			
SW8082 / SW3540C/NONE	Surrogate	076SB-0104M-0001-SO (N) / 240-18544-23	1 / 1.00	Decachlorobiphenyl	56.3 (PERCENT)	J/UJ	60 - 125	10 - 125	I			
SW8260B / SW5030B/NONE	Blank	MB 240-68395/6 (LB) / MB 240-68395/6	1 / 1.00	Methylene Chloride	0.69 (UG/L)	U/None	< 0.33	< 1	L		2	1.38
SW8260B / SW5035/NONE	Blank	MB 240-68830/15 (LB) / MB 240-68830/15	1 / 1.00	2-Hexanone	0.90 (UG/KG)	U/None	< 0.63	< 20	L		1	0.897
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	2-Hexanone	1.8 (UG/KG)	U/None	< 0.63	< 20	L		1	1.84
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	4-Methyl-2-pentanone (MIBK)	1.0 (UG/KG)	U/None	< 0.54	< 20	L		1	1.04
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	Acetone	7.1 (UG/KG)	U/None	< 6.3	< 20	L		2	14.1
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	Methylene Chloride	1.4 (UG/KG)	U/None	< 0.67	< 5	L		2	2.70
SW8260B / SW5035/NONE	Surrogate	072SB-0064-0001-SO (FD) / 240-18544-2	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	82.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0090M-0001-SO (N) / 240-18544-7	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	83.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0094M-0001-SO (N) / 240-18544-12	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	80.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0098M-0001-SO (N) / 240-18544-16	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	84.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0099M-0001-SO (N) / 240-18544-17	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	84.7 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0113M-0001-SO (FD) / 240-18544-32	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	83.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035	Test Hold Time	076SB-0078-0001-SO (N) / 240-18544-18	1 / 1.00	All in Run	30.6 (Days)	J/R	< 14	< 28	H1	Test Exceeds UCL		
SW8270C / SW3550/NONE	Blank	MB 240-69176/23-A (LB) / MB 240-69176/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	30.9 (UG/KG)	U/None	< 19	< 50	L		5	155
SW8270C / SW3550/NONE	Blank	MB 240-69185/20-A (LB) / MB 240-69185/20-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	21.2 (UG/KG)	U/None	< 19	< 50	L		5	106
SW8270C / SW3550/NONE	MS Recovery	076SB-0091M-0002-SO (SD) / 240-18544-8	1 / 1.00	2,4-Dinitrotoluene	49.5 (PERCENT)	J/UJ	50 - 115	50 - 115	M			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	076SB-0100M-0002-SO (MS) / 240-18544-19	1 / 1.00	1,2,4-Trichlorobenzene	44.8 (PERCENT)	J/UJ	45 - 110	45 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	076SB-0100M-0002-SO (MS) / 240-18544-19	1 / 1.00	1,2-Dichlorobenzene	43.0 (PERCENT)	J/UJ	45 - 100	45 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	076SB-0100M-0002-SO (MS) / 240-18544-19	1 / 1.00	2,4-Dinitrotoluene	49.4 (PERCENT)	J/UJ	50 - 115	50 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	076SB-0100M-0002-SO (SD) / 240-18544-19	1 / 1.00	3,3'-Dichlorobenzidine	4.6 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	076SB-0100M-0002-SO (MS) / 240-18544-19	1 / 1.00	3,3'-Dichlorobenzidine	4.7 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550	Prep Hold Time	076SB-0078-0001-SO (N) / 240-18544-18	1 / 1.00	All in Run	31.9 (Days)	J/R	< 14	< 28	H2	Prep Exceeds UCL		
SW8270C / SW3550	Prep Hold Time	076SB-0106M-0001-SO (N) / 240-18544-25	2 / 1.00	All in Run	20.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550/NONE	Surrogate	076SB-0106M-0001-SO (N) / 240-18544-25	1 / 1.00	2,4,6-Tribromophenol	22.2 (PERCENT)	J/UJ	35 - 125	10 - 125	I			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Nitrocellulose	52.0	10.0	52.0 U		MG/KG	L
E353.2/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Nitrocellulose	38.0	6.8	38.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Nitrocellulose	46.0	8.3	46.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Nitrocellulose	45.0	8.5	45.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Nitrocellulose	46.0	9.3	46.0 U		MG/KG	L
E353.2/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Nitrocellulose	49.0	9.5	49.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Nitrocellulose	49.0	9.2	49.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Nitrocellulose	50.0	9.0	50.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Nitrocellulose	49.0	8.8	49.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Nitrocellulose	47.0	9.2	47.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Nitrocellulose	45.0	7.6	45.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Nitrocellulose	48.0	9.0	48.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Nitrocellulose	47.0	9.1	47.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Nitrocellulose	45.0	9.5	45.0 U	+	MG/KG	L
E353.2/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Nitrocellulose	46.0	7.8	46.0 U	+	MG/KG	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	C10-C20 Diesel Range Organics	19.0	12.0	12.0 J		MG/KG	TR
M8015D/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	C20-C34 Motor Oil Range Organics	180	160	160 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Antimony	0.21	0.069	0.069 J		MG/KG	TR
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Cadmium	0.10	0.15	0.15 J	-	MG/KG	m
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Manganese	0.52	270	270 J		MG/KG	D1
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Selenium	0.52	0.38	0.38 J		MG/KG	TR/D1
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Silver	0.10	0.024	0.024 J	-	MG/KG	TR/m
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Antimony	0.18	0.061	0.061 J		MG/KG	TR
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Manganese	0.45	420	420 J		MG/KG	d
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Selenium	0.45	0.21	0.21 J		MG/KG	TR
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Silver	0.090	0.028	0.028 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Antimony	0.21	0.062	0.062 J		MG/KG	TR
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Selenium	0.53	0.38	0.38 J		MG/KG	TR
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Silver	0.11	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Thallium	0.11	0.083	0.083 J		MG/KG	TR
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Antimony	0.21	0.062	0.062 J		MG/KG	TR
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Selenium	0.51	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Silver	0.10	0.050	0.050 J		MG/KG	TR
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Antimony	0.17	0.057	0.057 J		MG/KG	TR
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Selenium	0.43	0.17	0.17 J		MG/KG	TR
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Silver	0.087	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Antimony	0.18	0.073	0.073 J		MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Manganese	0.46	220	220 J		MG/KG	d
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Selenium	0.46	0.20	0.20 J		MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Silver	0.092	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Thallium	0.092	0.089	0.089 J		MG/KG	TR
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Antimony	0.20	0.18	0.18 J		MG/KG	TR
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Selenium	0.50	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Silver	0.099	0.060	0.060 J		MG/KG	TR
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Antimony	0.18	0.11	0.11 J	-	MG/KG	TR/m
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Lead	0.088	16.0	16.0 J		MG/KG	D1
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Selenium	0.44	0.46	0.46 J	-	MG/KG	m
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Silver	0.088	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Antimony	0.17	0.11	0.11 J	-	MG/KG	TR/m
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Selenium	0.43	0.32	0.32 J	-	MG/KG	TR/m
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Silver	0.085	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Silver	0.075	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Antimony	0.15	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Selenium	0.38	0.37	0.37 J		MG/KG	TR
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Silver	0.077	0.026	0.026 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Antimony	0.18	0.23	0.23 J		MG/KG	d
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Silver	0.089	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Antimony	0.14	0.11	0.11 J		MG/KG	TR/d
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Silver	0.069	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Antimony	0.14	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Selenium	0.35	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Silver	0.070	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Antimony	0.16	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Selenium	0.40	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Silver	0.081	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Antimony	0.19	0.10	0.10 J		MG/KG	TR
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Selenium	0.48	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Silver	0.095	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Antimony	0.18	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Selenium	0.45	0.34	0.34 J		MG/KG	TR
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Silver	0.091	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Antimony	0.18	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Beryllium	0.088	0.49	0.49 J	-	MG/KG	m
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Selenium	0.44	0.76	0.76 J		MG/KG	D1
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Silver	0.088	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Thallium	0.088	0.19	0.19 J		MG/KG	D1
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Antimony	0.19	0.083	0.083 J		MG/KG	TR
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Selenium	0.48	0.30	0.30 J		MG/KG	TR
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Silver	0.095	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Antimony	0.15	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Selenium	0.38	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Silver	0.076	0.020	0.020 J		MG/KG	TR
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Antimony	0.14	0.10	0.10 J		MG/KG	TR
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Selenium	0.34	0.24	0.24 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Silver	0.068	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Antimony	0.17	0.085	0.085 J		MG/KG	TR
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Selenium	0.42	0.34	0.34 J		MG/KG	TR
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Silver	0.085	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Antimony	0.15	0.086	0.086 J		MG/KG	TR
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Selenium	0.38	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Silver	0.077	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Antimony	0.16	0.13	0.13 J		MG/KG	TR
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Selenium	0.40	0.19	0.19 J		MG/KG	TR
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Silver	0.079	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Antimony	0.15	0.14	0.14 J		MG/KG	TR
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Silver	0.074	0.020	0.020 J		MG/KG	TR
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Silver	0.091	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Antimony	0.18	0.079	0.079 J		MG/KG	TR
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Silver	0.088	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Antimony	0.17	0.082	0.082 J		MG/KG	TR
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Selenium	0.43	0.42	0.42 J		MG/KG	TR
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Silver	0.086	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Antimony	0.18	0.082	0.082 J		MG/KG	TR
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Silver	0.088	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Antimony	0.20	0.13	0.13 J		MG/KG	TR
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Silver	0.10	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Antimony	0.17	0.10	0.10 J		MG/KG	TR
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Silver	0.085	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Antimony	0.18	0.088	0.088 J		MG/KG	TR
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Silver	0.091	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Antimony	0.17	0.093	0.093 J		MG/KG	TR
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Silver	0.087	0.020	0.020 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Mercury	0.12	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Mercury	0.12	0.024	0.024 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Mercury	0.12	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Mercury	0.098	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Mercury	0.11	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	075TR-0005-0001-SO	240-18544-41	N	Mercury	0.13	0.052	0.052 J		MG/KG	TR
SW7471A/NONE	SO	075TR-0007-0001-SO	240-18544-43	N	Mercury	0.14	0.048	0.048 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Mercury	0.12	0.029	0.029 J	-	MG/KG	H1/TR
SW7471A/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Mercury	0.095	0.032	0.032 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Mercury	0.11	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Mercury	0.12	0.038	0.038 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Mercury	0.10	0.039	0.039 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Mercury	0.10	0.042	0.042 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Mercury	0.097	0.038	0.038 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Mercury	0.098	0.031	0.031 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Mercury	0.090	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Mercury	0.11	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Mercury	0.090	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Mercury	0.11	0.032	0.032 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Mercury	0.094	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Mercury	0.092	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Mercury	0.10	0.031	0.031 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Mercury	0.097	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Mercury	0.090	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Mercury	0.11	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Mercury	0.090	0.025	0.025 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Mercury	0.11	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Mercury	0.086	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Mercury	0.097	0.023	0.023 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Mercury	0.091	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Mercury	0.094	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Mercury	0.12	0.031	0.031 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Mercury	0.090	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Mercury	0.12	0.033	0.033 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Toxaphene	76.0	76.0	76.0 UJ		UG/KG	V1
SW8081/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	p,p'-DDE	1.7	0.47	0.47 J		UG/KG	TR/P1
SW8081/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8081/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8081/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8081/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8081/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Toxaphene	330	330	330 UJ		UG/KG	V1
SW8081/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	p,p'-DDT	20.0	14.0	14.0 J		UG/KG	TR
SW8081/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Toxaphene	680	680	680 UJ		UG/KG	V1
SW8081/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	PCB-1016 (Arochlor 1016)	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	PCB-1221 (Arochlor 1221)	51.0	51.0	51.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	PCB-1232 (Arochlor 1232)	46.0	46.0	46.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	PCB-1242 (Arochlor 1242)	41.0	41.0	41.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	PCB-1248 (Arochlor 1248)	56.0	56.0	56.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	PCB-1254 (Arochlor 1254)	56.0	56.0	56.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	PCB-1260 (Arochlor 1260)	56.0	56.0	56.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	PCB-1016 (Arochlor 1016)	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	PCB-1221 (Arochlor 1221)	51.0	51.0	51.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	PCB-1232 (Arochlor 1232)	46.0	46.0	46.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	PCB-1248 (Arochlor 1248)	56.0	56.0	56.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	PCB-1254 (Arochlor 1254)	56.0	56.0	56.0 UJ	-	UG/KG	I
SW8082/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	PCB-1260 (Arochlor 1260)	56.0	56.0	56.0 UJ	-	UG/KG	I
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Benzene	4.2	4.2	4.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Ethylbenzene	4.2	4.2	4.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	tert-Butyl Methyl Ether (MTBE)	4.2	4.2	4.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Toluene	4.2	0.94	0.94 J	-	UG/KG	I/TR/d
SW8260B/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Xylenes, Total	8.4	8.4	8.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	2-Hexanone	17.0	17.0	17.0 UJ		UG/KG	J
SW8260B/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	4-Methyl-2-pentanone (MIBK)	17.0	17.0	17.0 UJ		UG/KG	J
SW8260B/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Toluene	4.3	0.86	0.86 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Toluene	4.1	0.53	0.53 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Toluene	4.6	3.0	3.0 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Toluene	4.9	3.1	3.1 J		UG/KG	TR/d
SW8260B/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Toluene	5.3	4.0	4.0 J	-	UG/KG	TR
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,1,1-Trichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,1,2,2-Tetrachloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,1,2-Trichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,1-Dichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,1-Dichloroethene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,2-Dibromoethane (EDB)	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,2-Dichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,2-Dichloroethene	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	1,2-Dichloropropane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	2-Butanone (MEK)	25.0	25.0	25.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	2-Hexanone	25.0	25.0	25.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	4-Methyl-2-pentanone (MIBK)	25.0	25.0	25.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Acetone	25.0	25.0	25.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Benzene	6.2	6.2	6.2 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Bromochloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Bromodichloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Bromoform	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Bromomethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Carbon Disulfide	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Carbon Tetrachloride	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Chlorobenzene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Chloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Chloroform	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Chloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	cis-1,3-Dichloropropene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Dibromochloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Ethylbenzene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Methylene Chloride	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Styrene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Tetrachloroethene (PCE)	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Toluene	6.2	1.5	1.5 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	trans-1,3-Dichloropropene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Trichloroethene (TCE)	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Vinyl Chloride	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Xylenes, Total	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Methylene Chloride	5.1	1.6	1.6 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Toluene	5.1	2.0	2.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	2-Hexanone	20.0	1.5	1.5 J		UG/KG	TR/J
SW8260B/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	4-Methyl-2-pentanone (MIBK)	20.0	1.0	1.0 J		UG/KG	TR/J
SW8260B/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Toluene	4.9	0.84	0.84 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	2-Hexanone	24.0	24.0	24.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	4-Methyl-2-pentanone (MIBK)	24.0	24.0	24.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Toluene	6.0	1.1	1.1 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,1,1-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,1,2,2-Tetrachloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,1,2-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,1-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,1-Dichloroethene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,2-Dibromoethane (EDB)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,2-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	1,2-Dichloropropane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	2-Butanone (MEK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	2-Hexanone	23.0	23.0	23.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	4-Methyl-2-pentanone (MIBK)	23.0	23.0	23.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Acetone	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Benzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Bromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Bromodichloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Bromoform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Bromomethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Carbon Disulfide	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Carbon Tetrachloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Chlorobenzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Chloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Chloroform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Chloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	cis-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Dibromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Ethylbenzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Methylene Chloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Styrene	5.7	5.7	5.7 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Tetrachloroethene (PCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Toluene	5.7	1.0	1.0 J	-	UG/KG	I/TR/d
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	trans-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Trichloroethene (TCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Vinyl Chloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Methylene Chloride	5.8	1.4	1.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Toluene	5.8	2.7	2.7 J		UG/KG	TR/d
SW8260B/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	2-Hexanone	19.0	19.0	19.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Toluene	4.7	0.94	0.94 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	2-Hexanone	18.0	18.0	18.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Toluene	4.4	0.73	0.73 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,1,1-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,1,2,2-Tetrachloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,1,2-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,1-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,1-Dichloroethene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,2-Dibromoethane (EDB)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,2-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,2-Dichloroethene	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	1,2-Dichloropropane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	2-Butanone (MEK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Acetone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Bromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Bromodichloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Bromoform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Bromomethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Carbon Disulfide	4.8	0.92	0.92 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Carbon Tetrachloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Chlorobenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Chloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Chloroform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Chloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	cis-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Dibromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Methylene Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Styrene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Tetrachloroethene (PCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Toluene	4.8	0.84	0.84 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	trans-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Trichloroethene (TCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Vinyl Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Xylenes, Total	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,1,1-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,1,2,2-Tetrachloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,1,2-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,1-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,1-Dichloroethene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,2-Dibromoethane (EDB)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,2-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,2-Dichloroethene	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	1,2-Dichloropropane	4.8	4.8	4.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	2-Butanone (MEK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Acetone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Bromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Bromodichloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Bromoform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Bromomethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Carbon Disulfide	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Carbon Tetrachloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Chlorobenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Chloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Chloroform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Chloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	cis-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Dibromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Methylene Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Styrene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Tetrachloroethene (PCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Toluene	4.8	0.96	0.96 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	trans-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Trichloroethene (TCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Vinyl Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Xylenes, Total	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	4-Methyl-2-pentanone (MIBK)	22.0	1.3	22.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Toluene	5.5	1.7	1.7 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	2-Hexanone	21.0	21.0	21.0 UJ		UG/KG	J

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	21.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Toluene	5.1	1.1	1.1 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	2-Hexanone	22.0	22.0	22.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ		UG/KG	J
SW8260B/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Toluene	5.6	1.7	1.7 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	2-Hexanone	22.0	1.9	22.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	4-Methyl-2-pentanone (MIBK)	22.0	1.3	22.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Toluene	5.4	1.5	1.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Toluene	4.7	1.4	1.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Methylene Chloride	5.8	2.5	5.8 U		UG/KG	L
SW8260B/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Toluene	5.8	1.5	1.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Toluene	4.7	0.97	0.97 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Toluene	5.2	1.0	1.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Toluene	4.4	1.3	1.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Toluene	4.0	1.0	1.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	2-Butanone (MEK)	20.0	4.2	4.2 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Toluene	5.0	1.2	1.2 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	2-Butanone (MEK)	19.0	5.6	5.6 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Toluene	4.7	0.95	0.95 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	2-Butanone (MEK)	17.0	1.7	1.7 J		UG/KG	TR/d
SW8260B/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Acetone	17.0	6.6	6.6 J		UG/KG	TR/d
SW8260B/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Toluene	4.3	1.0	1.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,1,1-Trichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,1,2,2-Tetrachloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,1,2-Trichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,1-Dichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,1-Dichloroethene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,2-Dibromoethane (EDB)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,2-Dichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,2-Dichloroethene	9.1	9.1	9.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	1,2-Dichloropropane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	2-Butanone (MEK)	18.0	3.3	3.3 J	-	UG/KG	I/TR/d
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Acetone	18.0	12.0	12.0 J	-	UG/KG	I/TR/d
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Bromochloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Bromodichloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Bromoform	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Bromomethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Carbon Disulfide	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Carbon Tetrachloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Chlorobenzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Chloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Chloroform	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Chloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	cis-1,3-Dichloropropene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Dibromochloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Ethylbenzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Methylene Chloride	4.5	1.1	1.1 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Styrene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Tetrachloroethene (PCE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Toluene	4.5	1.5	1.5 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	trans-1,3-Dichloropropene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Trichloroethene (TCE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Vinyl Chloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Xylenes, Total	9.1	9.1	9.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Toluene	4.8	0.52	0.52 J		UG/KG	TR/d

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Methylene Chloride	5.2	1.7	1.7 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Toluene	5.2	1.5	1.5 J		UG/KG	TR/d
SW8260B/NONE	WG	076SB-0116M-0001-TB	240-18544-35	N	Acetone	10.0	1.3	1.3 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	2,4-Dichlorophenol	170	170	170 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	3,3'-Dichlorobenzidine	110	110	110 R		UG/KG	c
SW8270C/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Benzoic acid	750	750	750 R		UG/KG	c
SW8270C/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	bis(2-Ethylhexyl) Phthalate	57.0	23.0	57.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Di-n-Octylphthalate	57.0	57.0	57.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	2,4-Dichlorophenol	170	170	170 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	3,3'-Dichlorobenzidine	110	110	110 R		UG/KG	c
SW8270C/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Benzoic acid	740	740	740 R		UG/KG	c
SW8270C/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	bis(2-Ethylhexyl) Phthalate	56.0	21.0	56.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Di-n-Octylphthalate	56.0	56.0	56.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	2,4-Dichlorophenol	170	170	170 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	3,3'-Dichlorobenzidine	110	110	110 R		UG/KG	c
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Benzo(b)fluoranthene	7.4	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Benzo(g,h,i)perylene	7.4	6.9	6.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Benzoic acid	740	740	740 R		UG/KG	c
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	bis(2-Ethylhexyl) Phthalate	56.0	24.0	56.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Di-n-Octylphthalate	56.0	56.0	56.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	2,4-Dichlorophenol	170	170	170 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	3,3'-Dichlorobenzidine	110	110	110 R		UG/KG	c
SW8270C/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Benzoic acid	750	750	750 R		UG/KG	c
SW8270C/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	bis(2-Ethylhexyl) Phthalate	57.0	26.0	57.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Di-n-Octylphthalate	57.0	57.0	57.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	2,4-Dichlorophenol	660	660	660 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	3,3'-Dichlorobenzidine	440	440	440 R		UG/KG	c
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Benzoic acid	2900	2900	2900 R		UG/KG	c

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Dibenzofuran	220	100	100 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Di-n-Octylphthalate	220	220	220 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Pyrene	30.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	2,4-Dichlorophenol	160	160	160 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	3,3'-Dichlorobenzidine	110	110	110 R		UG/KG	c
SW8270C/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Benzoic acid	720	720	720 R		UG/KG	c
SW8270C/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	bis(2-Ethylhexyl) Phthalate	55.0	22.0	55.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Di-n-Octylphthalate	55.0	55.0	55.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Acenaphthene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Acenaphthylene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Anthracene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(a)anthracene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(a)pyrene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(b)fluoranthene	7.4	4.4	4.4 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(g,h,i)perylene	7.4	9.7	9.7 J	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(k)fluoranthene	7.4	4.7	4.7 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Chrysene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Dibenz(a,h)anthracene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Fluoranthene	7.4	3.7	3.7 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Fluorene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Indeno(1,2,3-c,d)pyrene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Naphthalene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Phenanthrene	7.4	7.4	7.4 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Pyrene	7.4	4.8	4.8 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Benzoic acid	660	660	660 R		UG/KG	m/c
SW8270C/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	bis(2-Ethylhexyl) Phthalate	50.0	25.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Naphthalene	6.6	3.3	3.3 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	2,4-Dinitrotoluene	200	200	200 UJ	-	UG/KG	M
SW8270C/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Benzoic acid	660	660	660 R		UG/KG	m/c
SW8270C/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	bis(2-Ethylhexyl) Phthalate	50.0	22.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	2-Methylnaphthalene	6.6	3.3	3.3 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R		UG/KG	c
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	bis(2-Ethylhexyl) Phthalate	49.0	30.0	49.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Di-n-Octylphthalate	49.0	49.0	49.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Phenanthrene	6.6	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	bis(2-Ethylhexyl) Phthalate	50.0	34.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Phenanthrene	6.7	3.5	3.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R		UG/KG	c
SW8270C/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	bis(2-Ethylhexyl) Phthalate	50.0	33.0	50.0 U	+	UG/KG	L

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Phenanthrene	6.7	3.6	3.6 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R		UG/KG	c
SW8270C/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	bis(2-Ethylhexyl) Phthalate	50.0	26.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	bis(2-Ethylhexyl) Phthalate	50.0	36.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	2-Methylnaphthalene	6.8	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	bis(2-Ethylhexyl) Phthalate	51.0	36.0	51.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Di-n-Octylphthalate	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Naphthalene	6.8	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	1,2,4-Trichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	1,2-Dichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	2,4-Dinitrotoluene	200	200	200 UJ	-	UG/KG	M
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	2-Methylnaphthalene	6.7	5.8	5.8 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	3,3'-Dichlorobenzidine	100	100	100 R	-	UG/KG	M/c
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Benzoic acid	670	670	670 R		UG/KG	m/c
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	bis(2-Ethylhexyl) Phthalate	50.0	21.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Naphthalene	6.7	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	2-Methylnaphthalene	6.7	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	bis(2-Ethylhexyl) Phthalate	50.0	23.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Naphthalene	6.7	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	2-Methylnaphthalene	6.7	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Naphthalene	6.7	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	2-Methylnaphthalene	6.6	3.7	3.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	bis(2-Ethylhexyl) Phthalate	50.0	20.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Naphthalene	6.6	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Phenanthrene	6.6	3.7	3.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	2-Methylnaphthalene	6.7	4.2	4.2 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	bis(2-Ethylhexyl) Phthalate	50.0	22.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Phenanthrene	6.7	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	2-Methylnaphthalene	6.6	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R		UG/KG	c
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	bis(2-Ethylhexyl) Phthalate	50.0	26.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Naphthalene	6.6	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,2,4-Trichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,2,4-Trichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,2-Dichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,2-Dichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,3-Dichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,3-Dichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,4-Dichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	1,4-Dichlorobenzene	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4,5-Trichlorophenol	150	150	150 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4,5-Trichlorophenol	150	150	150 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4,6-Trichlorophenol	150	150	150 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4,6-Trichlorophenol	150	150	150 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dichlorophenol	150	150	150 UJ	-	UG/KG	H2/V1
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dichlorophenol	150	150	150 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dimethylphenol	150	150	150 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dimethylphenol	150	150	150 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dinitrophenol	330	330	330 UJ	-	UG/KG	H2

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dinitrophenol	330	330	330 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dinitrotoluene	200	200	200 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,4-Dinitrotoluene	200	200	200 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,6-Dinitrotoluene	200	200	200 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2,6-Dinitrotoluene	200	200	200 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Chloronaphthalene	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Chloronaphthalene	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Chlorophenol	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Chlorophenol	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Methylnaphthalene	6.6	4.2	4.2 J	-	UG/KG	I/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Methylnaphthalene	6.6	4.6	4.6 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Methylphenol (o-Cresol)	200	200	200 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Methylphenol (o-Cresol)	200	200	200 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Nitroaniline	200	200	200 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Nitroaniline	200	200	200 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Nitrophenol	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Nitrophenol	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R	-	UG/KG	H2/c
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R	-	UG/KG	I/c
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	3-Nitroaniline	200	200	200 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	3-Nitroaniline	200	200	200 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4,6-Dinitro-2-Methylphenol	150	150	150 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4,6-Dinitro-2-Methylphenol	150	150	150 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Bromophenyl phenyl ether	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Bromophenyl phenyl ether	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Chloro-3-Methylphenol	150	150	150 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Chloro-3-Methylphenol	150	150	150 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Chloroaniline	150	150	150 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Chloroaniline	150	150	150 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Chlorophenyl Phenyl Ether	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Chlorophenyl Phenyl Ether	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Nitroaniline	200	200	200 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Nitroaniline	200	200	200 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Nitrophenol	330	330	330 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	4-Nitrophenol	330	330	330 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Acenaphthene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Acenaphthene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Acenaphthylene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Acenaphthylene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Anthracene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Anthracene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(a)anthracene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(a)anthracene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(a)pyrene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(a)pyrene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(b)fluoranthene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(b)fluoranthene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(g,h,i)perylene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(g,h,i)perylene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(k)fluoranthene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzo(k)fluoranthene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzoic acid	650	650	650 R	-	UG/KG	I/c
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzoic acid	650	650	650 R	-	UG/KG	H2/c
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzyl alcohol	330	330	330 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzyl alcohol	330	330	330 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzyl butyl phthalate	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Benzyl butyl phthalate	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Chloroethoxy) Methane	99.0	99.0	99.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Chloroethoxy) Methane	99.0	99.0	99.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	99.0	99.0	99.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	99.0	99.0	99.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Chloroisopropyl) Ether	99.0	99.0	99.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Chloroisopropyl) Ether	99.0	99.0	99.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Ethylhexyl) Phthalate	50.0	21.0	21.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Ethylhexyl) Phthalate	50.0	25.0	50.0 UJ		UG/KG	L/I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Carbazole	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Carbazole	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Chrysene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Chrysene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Cresols, m & p	400	400	400 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Cresols, m & p	400	400	400 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Dibenz(a,h)anthracene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Dibenz(a,h)anthracene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Dibenzofuran	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Dibenzofuran	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Diethyl Phthalate	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Diethyl Phthalate	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Dimethyl Phthalate	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Dimethyl Phthalate	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Di-n-Butyl Phthalate	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Di-n-Butyl Phthalate	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ	-	UG/KG	H2/V1
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Fluoranthene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Fluoranthene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Fluorene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Fluorene	6.6	6.6	6.6 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachlorobenzene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachlorobenzene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachlorobutadiene	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachlorobutadiene	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachlorocyclopentadiene	330	330	330 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachlorocyclopentadiene	330	330	330 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachloroethane	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Hexachloroethane	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Indeno(1,2,3-c,d)pyrene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Indeno(1,2,3-c,d)pyrene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Isophorone	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Isophorone	50.0	33.0	33.0 J	-	UG/KG	I/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Naphthalene	6.6	5.7	5.7 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Naphthalene	6.6	4.5	4.5 J	-	UG/KG	I/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Nitrobenzene	99.0	99.0	99.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Nitrobenzene	99.0	99.0	99.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	n-Nitrosodi-n-propylamine	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	n-Nitrosodi-n-propylamine	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Pentachlorophenol	150	150	150 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Pentachlorophenol	150	150	150 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Phenanthrene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Phenanthrene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Phenol	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Phenol	50.0	50.0	50.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Pyrene	6.6	6.6	6.6 UJ	-	UG/KG	I
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Pyrene	6.6	6.6	6.6 UJ	-	UG/KG	H2
SW8270C/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	2-Methylnaphthalene	6.7	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	bis(2-Ethylhexyl) Phthalate	50.0	25.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	2-Methylnaphthalene	6.7	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	bis(2-Ethylhexyl) Phthalate	50.0	19.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	2-Methylnaphthalene	6.7	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	bis(2-Ethylhexyl) Phthalate	50.0	21.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Naphthalene	6.7	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R		UG/KG	c
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	bis(2-Ethylhexyl) Phthalate	50.0	36.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Dibenzofuran	50.0	3.4	3.4 J		UG/KG	TR/d
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Fluoranthene	6.6	22.0	22.0 J		UG/KG	d
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Pyrene	6.6	20.0	20.0 J		UG/KG	d
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Benzoic acid	660	660	660 R		UG/KG	c

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	bis(2-Ethylhexyl) Phthalate	50.0	23.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Dibenzofuran	50.0	8.5	8.5 J		UG/KG	TR/d
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Fluoranthene	6.6	64.0	64.0 J		UG/KG	d
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Pyrene	6.6	50.0	50.0 J		UG/KG	d
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	2,4-Dichlorophenol	3000	3000	3000 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	3,3'-Dichlorobenzidine	2000	2000	2000 R		UG/KG	c
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzo(g,h,i)perylene	130	120	120 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzo(k)fluoranthene	130	110	110 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzoic acid	13000	13000	13000 R		UG/KG	c
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Chrysene	130	160	160 J		UG/KG	d
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Di-n-Octylphthalate	990	990	990 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Indeno(1,2,3-c,d)pyrene	130	83.0	83.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Phenanthrene	130	280	280 J		UG/KG	d
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	2,4-Dichlorophenol	3000	3000	3000 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	3,3'-Dichlorobenzidine	2000	2000	2000 R		UG/KG	c
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzo(k)fluoranthene	130	110	110 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzoic acid	13000	13000	13000 R		UG/KG	c
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Chrysene	130	280	280 J		UG/KG	d
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Di-n-Octylphthalate	1000	1000	1000 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Indeno(1,2,3-c,d)pyrene	130	120	120 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Phenanthrene	130	470	470 J		UG/KG	d
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	c
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Anthracene	6.7	4.5	4.5 J		UG/KG	TR/d
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Benzo(k)fluoranthene	6.7	8.6	8.6 J		UG/KG	d
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	bis(2-Ethylhexyl) Phthalate	50.0	26.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Chrysene	6.7	28.0	28.0 J		UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Dibenzofuran	50.0	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Di-n-Octylphthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Phenanthrene	6.7	34.0	34.0 J		UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	3,3'-Dichlorobenzidine	99.0	99.0	99.0 R		UG/KG	c
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Anthracene	6.6	9.1	9.1 J		UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Benzo(k)fluoranthene	6.6	19.0	19.0 J		UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	bis(2-Ethylhexyl) Phthalate	49.0	25.0	49.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Chrysene	6.6	39.0	39.0 J		UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Dibenzofuran	49.0	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Di-n-Octylphthalate	49.0	49.0	49.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Fluorene	6.6	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Phenanthrene	6.6	52.0	52.0 J		UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	C10-C20 Diesel Range Organics	19.0	12.0	12.0 J	MG/KG	TR
M8015D/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	C20-C34 Motor Oil Range Organics	19.0	26.0	26.0	MG/KG	
M8015D/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	C10-C20 Diesel Range Organics	180	990	990	MG/KG	
M8015D/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	C20-C34 Motor Oil Range Organics	180	160	160 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Petroleum Hydrocarbons C6-C12	4400	6700	6700	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Silver	0.10	0.024	0.024 J -	MG/KG	TR/m
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Aluminum	3.1	5400	5400	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Arsenic	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Barium	1.0	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Beryllium	0.10	0.40	0.40	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Calcium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Cadmium	0.10	0.15	0.15 J -	MG/KG	m
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Cobalt	0.052	7.7	7.7	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Chromium	0.21	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Copper	0.21	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Iron	5.2	17000	17000	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Potassium	10.0	950	950	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Magnesium	10.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Manganese	0.52	270	270 J	MG/KG	D1
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Sodium	10.0	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Nickel	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Antimony	0.21	0.069	0.069 J	MG/KG	TR
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Selenium	0.52	0.38	0.38 J	MG/KG	TR/D1
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Thallium	0.10	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Vanadium	0.10	9.8	9.8	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Zinc	0.52	59.0	59.0	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Silver	0.090	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Aluminum	2.7	5500	5500	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Arsenic	0.090	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Barium	0.90	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Beryllium	0.090	0.38	0.38	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Calcium	9.0	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Cadmium	0.090	0.19	0.19	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Cobalt	0.045	7.6	7.6	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Chromium	0.18	9.0	9.0	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Copper	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Iron	4.5	18000	18000	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Potassium	9.0	960	960	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Magnesium	9.0	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Manganese	0.45	420	420 J	MG/KG	d
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Sodium	9.0	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Nickel	0.090	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Lead	0.090	9.7	9.7	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Antimony	0.18	0.061	0.061 J	MG/KG	TR
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Selenium	0.45	0.21	0.21 J	MG/KG	TR
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Thallium	0.090	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Vanadium	0.090	9.6	9.6	MG/KG	
SW6020/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Zinc	0.45	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Silver	0.11	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Aluminum	3.2	5600	5600	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Arsenic	0.11	9.7	9.7	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Barium	1.1	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Beryllium	0.11	0.37	0.37	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Calcium	11.0	18000	18000	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Cadmium	0.11	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Cobalt	0.053	6.4	6.4	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Chromium	0.21	9.4	9.4	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Copper	0.21	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Iron	5.3	18000	18000	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Potassium	11.0	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Magnesium	11.0	3300	3300	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Manganese	0.53	230	230	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Sodium	11.0	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Nickel	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Lead	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Antimony	0.21	0.062	0.062 J	MG/KG	TR
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Selenium	0.53	0.38	0.38 J	MG/KG	TR
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Thallium	0.11	0.083	0.083 J	MG/KG	TR
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Vanadium	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Zinc	0.53	50.0	50.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Silver	0.10	0.050	0.050 J	MG/KG	TR
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Aluminum	3.1	7000	7000	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Arsenic	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Barium	1.0	35.0	35.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Beryllium	0.10	0.44	0.44	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Calcium	10.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Cadmium	0.10	0.22	0.22	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Cobalt	0.051	7.7	7.7	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Chromium	0.21	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Copper	0.21	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Iron	5.1	25000	25000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Magnesium	10.0	2400	2400	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Manganese	0.51	270	270	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Sodium	10.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Nickel	0.10	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Lead	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Antimony	0.21	0.062	0.062 J	MG/KG	TR
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Selenium	0.51	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Thallium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Vanadium	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Zinc	0.51	86.0	86.0	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Silver	0.087	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Aluminum	2.6	5100	5100	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Arsenic	0.087	7.9	7.9	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Barium	0.87	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Beryllium	0.087	0.34	0.34	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Calcium	8.7	6500	6500	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Cadmium	0.087	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Cobalt	0.043	6.6	6.6	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Chromium	0.17	8.4	8.4	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Copper	0.17	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Iron	4.3	16000	16000	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Potassium	8.7	950	950	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Magnesium	8.7	2500	2500	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Manganese	0.43	260	260	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Sodium	8.7	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Nickel	0.087	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Lead	0.087	15.0	15.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Antimony	0.17	0.057	0.057 J	MG/KG	TR
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Selenium	0.43	0.17	0.17 J	MG/KG	TR
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Thallium	0.087	0.10	0.10	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Vanadium	0.087	9.6	9.6	MG/KG	
SW6020/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Zinc	0.43	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Silver	0.092	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Aluminum	2.7	5100	5100	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Arsenic	0.092	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Barium	0.92	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Beryllium	0.092	0.38	0.38	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Calcium	9.2	1800	1800	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Cadmium	0.092	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Cobalt	0.046	7.0	7.0	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Chromium	0.18	8.9	8.9	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Copper	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Iron	4.6	18000	18000	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Potassium	9.2	890	890	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Magnesium	9.2	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Manganese	0.46	220	220 J	MG/KG	d
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Sodium	9.2	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Nickel	0.092	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Lead	0.092	8.9	8.9	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Antimony	0.18	0.073	0.073 J	MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Selenium	0.46	0.20	0.20 J	MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Thallium	0.092	0.089	0.089 J	MG/KG	TR
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Vanadium	0.092	9.3	9.3	MG/KG	
SW6020/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Zinc	0.46	59.0	59.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Silver	0.099	0.060	0.060 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Aluminum	3.0	3500	3500	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Arsenic	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Barium	0.99	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Beryllium	0.099	0.28	0.28	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Calcium	9.9	14000	14000	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Cadmium	0.099	0.20	0.20	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Cobalt	0.050	5.0	5.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Chromium	0.20	5.9	5.9	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Iron	5.0	31000	31000	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Potassium	9.9	620	620	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Magnesium	9.9	3100	3100	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Manganese	0.50	290	290	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Sodium	9.9	35.0	35.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Nickel	0.099	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Lead	0.099	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Antimony	0.20	0.18	0.18 J	MG/KG	TR
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Selenium	0.50	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Thallium	0.099	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Vanadium	0.099	7.4	7.4	MG/KG	
SW6020/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Zinc	0.50	49.0	49.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Silver	0.088	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Aluminum	2.6	7700	7700	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Arsenic	0.088	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Barium	0.88	34.0	34.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Beryllium	0.088	0.41	0.41	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Calcium	8.8	780	780	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Cadmium	0.088	0.15	0.15	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Cobalt	0.044	7.0	7.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Chromium	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Iron	4.4	24000	24000	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Potassium	8.8	820	820	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Magnesium	8.8	1900	1900	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Manganese	0.44	290	290	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Sodium	8.8	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Nickel	0.088	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Lead	0.088	16.0	16.0 J	MG/KG	D1
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Antimony	0.18	0.11	0.11 J -	MG/KG	TR/m
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Selenium	0.44	0.46	0.46 J -	MG/KG	m
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Thallium	0.088	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Vanadium	0.088	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Zinc	0.44	56.0	56.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Silver	0.085	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Aluminum	2.6	5900	5900	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Arsenic	0.085	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Barium	0.85	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Beryllium	0.085	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Calcium	8.5	1000	1000	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Cadmium	0.085	0.18	0.18	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Cobalt	0.043	8.4	8.4	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Chromium	0.17	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Copper	0.17	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Iron	4.3	24000	24000	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Potassium	8.5	780	780	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Magnesium	8.5	1800	1800	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Manganese	0.43	410	410	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Sodium	8.5	36.0	36.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Nickel	0.085	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Lead	0.085	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Antimony	0.17	0.11	0.11 J -	MG/KG	TR/m
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Selenium	0.43	0.32	0.32 J -	MG/KG	TR/m
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Thallium	0.085	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Vanadium	0.085	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Zinc	0.43	57.0	57.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Silver	0.075	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Aluminum	2.2	8000	8000	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Arsenic	0.075	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Barium	0.75	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Beryllium	0.075	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Calcium	7.5	3400	3400	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Cadmium	0.075	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Cobalt	0.037	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Chromium	0.15	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Copper	0.15	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Iron	3.7	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Potassium	7.5	720	720	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Magnesium	7.5	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Manganese	0.37	490	490	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Sodium	7.5	39.0	39.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Nickel	0.075	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Lead	0.075	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Antimony	0.15	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Selenium	0.37	0.44	0.44	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Thallium	0.075	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Vanadium	0.075	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Zinc	0.37	53.0	53.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Silver	0.077	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Aluminum	2.3	8000	8000	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Arsenic	0.077	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Barium	0.77	39.0	39.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Beryllium	0.077	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Calcium	7.7	3300	3300	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Cadmium	0.077	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Cobalt	0.038	9.1	9.1	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Chromium	0.15	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Copper	0.15	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Iron	3.8	25000	25000	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Potassium	7.7	810	810	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Magnesium	7.7	2600	2600	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Manganese	0.38	460	460	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Sodium	7.7	41.0	41.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Nickel	0.077	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Lead	0.077	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Antimony	0.15	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Selenium	0.38	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Thallium	0.077	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Vanadium	0.077	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Zinc	0.38	57.0	57.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Silver	0.089	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Aluminum	2.7	9500	9500	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Arsenic	0.089	17.0	17.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Barium	0.89	47.0	47.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Beryllium	0.089	0.51	0.51	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Calcium	8.9	970	970	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Cadmium	0.089	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Cobalt	0.045	9.7	9.7	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Chromium	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Copper	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Iron	4.5	29000	29000	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Potassium	8.9	790	790	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Magnesium	8.9	2100	2100	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Manganese	0.45	380	380	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Sodium	8.9	39.0	39.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Nickel	0.089	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Lead	0.089	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Antimony	0.18	0.23	0.23 J	MG/KG	d
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Selenium	0.45	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Thallium	0.089	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Vanadium	0.089	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Zinc	0.45	63.0	63.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Silver	0.069	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Aluminum	2.1	11000	11000	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Arsenic	0.069	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Barium	0.69	49.0	49.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Beryllium	0.069	0.50	0.50	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Calcium	6.9	1000	1000	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Cadmium	0.069	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Cobalt	0.035	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Chromium	0.14	18.0	18.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Copper	0.14	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Iron	3.5	25000	25000	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Potassium	6.9	820	820	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Magnesium	6.9	2300	2300	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Manganese	0.35	310	310	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Sodium	6.9	40.0	40.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Nickel	0.069	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Lead	0.069	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Antimony	0.14	0.11	0.11 J	MG/KG	TR/d
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Selenium	0.35	0.39	0.39	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Thallium	0.069	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Vanadium	0.069	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Zinc	0.35	59.0	59.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Silver	0.070	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Aluminum	2.1	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Arsenic	0.070	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Barium	0.70	29.0	29.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Beryllium	0.070	0.42	0.42	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Calcium	7.0	700	700	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Cadmium	0.070	0.19	0.19	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Cobalt	0.035	8.3	8.3	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Chromium	0.14	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Copper	0.14	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Iron	3.5	26000	26000	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Potassium	7.0	810	810	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Magnesium	7.0	1900	1900	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Manganese	0.35	510	510	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Sodium	7.0	20.0	20.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Nickel	0.070	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Lead	0.070	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Antimony	0.14	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Selenium	0.35	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Thallium	0.070	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Vanadium	0.070	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Zinc	0.35	62.0	62.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Silver	0.081	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Aluminum	2.4	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Arsenic	0.081	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Barium	0.81	30.0	30.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Beryllium	0.081	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Calcium	8.1	640	640	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Cadmium	0.081	0.20	0.20	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Cobalt	0.040	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Chromium	0.16	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Copper	0.16	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Iron	4.0	26000	26000	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Potassium	8.1	870	870	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Magnesium	8.1	1800	1800	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Manganese	0.40	480	480	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Sodium	8.1	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Nickel	0.081	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Lead	0.081	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Antimony	0.16	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Selenium	0.40	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Thallium	0.081	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Vanadium	0.081	13.0	13.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Zinc	0.40	70.0	70.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Silver	0.095	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Aluminum	2.9	7700	7700	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Arsenic	0.095	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Barium	0.95	36.0	36.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Beryllium	0.095	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Calcium	9.5	2100	2100	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Cadmium	0.095	0.19	0.19	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Cobalt	0.048	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Copper	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Iron	4.8	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Potassium	9.5	1400	1400	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Magnesium	9.5	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Manganese	0.48	340	340	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Sodium	9.5	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Nickel	0.095	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Lead	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Antimony	0.19	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Selenium	0.48	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Thallium	0.095	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Vanadium	0.095	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Zinc	0.48	63.0	63.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Silver	0.091	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Aluminum	2.7	6700	6700	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Arsenic	0.091	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Barium	0.91	31.0	31.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Beryllium	0.091	0.48	0.48	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Calcium	9.1	1000	1000	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Cadmium	0.091	0.20	0.20	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Cobalt	0.045	7.8	7.8	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Chromium	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Iron	4.5	31000	31000	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Potassium	9.1	870	870	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Magnesium	9.1	1800	1800	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Manganese	0.45	480	480	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Sodium	9.1	31.0	31.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Nickel	0.091	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Lead	0.091	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Antimony	0.18	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Selenium	0.45	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Thallium	0.091	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Vanadium	0.091	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Zinc	0.45	64.0	64.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Silver	0.088	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Aluminum	2.6	9700	9700	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Arsenic	0.088	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Barium	0.88	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Beryllium	0.088	0.49	0.49 J -	MG/KG	m
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Calcium	8.8	1200	1200	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Cobalt	0.044	8.1	8.1	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Chromium	0.18	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Copper	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Iron	4.4	24000	24000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Potassium	8.8	900	900	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Magnesium	8.8	2300	2300	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Manganese	0.44	340	340	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Sodium	8.8	31.0	31.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Nickel	0.088	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Lead	0.088	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Antimony	0.18	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Selenium	0.44	0.76	0.76 J	MG/KG	D1
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Thallium	0.088	0.19	0.19 J	MG/KG	D1
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Vanadium	0.088	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Zinc	0.44	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Silver	0.095	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Aluminum	2.9	7500	7500	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Arsenic	0.095	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Barium	0.95	38.0	38.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Beryllium	0.095	0.50	0.50	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Calcium	9.5	1400	1400	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Cadmium	0.095	0.21	0.21	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Cobalt	0.048	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Iron	4.8	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Potassium	9.5	980	980	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Magnesium	9.5	2600	2600	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Manganese	0.48	360	360	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Sodium	9.5	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Nickel	0.095	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Lead	0.095	11.0	11.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Antimony	0.19	0.083	0.083 J	MG/KG	TR
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Selenium	0.48	0.30	0.30 J	MG/KG	TR
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Thallium	0.095	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Vanadium	0.095	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Zinc	0.48	70.0	70.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Silver	0.076	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Aluminum	2.3	7900	7900	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Arsenic	0.076	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Barium	0.76	34.0	34.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Beryllium	0.076	0.53	0.53	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Calcium	7.6	680	680	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Cadmium	0.076	0.19	0.19	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Cobalt	0.038	9.2	9.2	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Chromium	0.15	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Copper	0.15	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Iron	3.8	27000	27000	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Potassium	7.6	840	840	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Magnesium	7.6	2000	2000	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Manganese	0.38	430	430	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Sodium	7.6	28.0	28.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Nickel	0.076	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Lead	0.076	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Antimony	0.15	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Selenium	0.38	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Thallium	0.076	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Vanadium	0.076	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Zinc	0.38	75.0	75.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Silver	0.068	0.021	0.021 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Aluminum	2.0	7800	7800	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Arsenic	0.068	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Barium	0.68	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Beryllium	0.068	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Calcium	6.8	640	640	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Cadmium	0.068	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Cobalt	0.034	9.0	9.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Chromium	0.14	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Copper	0.14	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Iron	3.4	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Potassium	6.8	850	850	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Magnesium	6.8	2000	2000	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Manganese	0.34	350	350	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Sodium	6.8	26.0	26.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Nickel	0.068	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Lead	0.068	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Antimony	0.14	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Selenium	0.34	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Thallium	0.068	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Vanadium	0.068	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Zinc	0.34	59.0	59.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Silver	0.085	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Aluminum	2.5	11000	11000	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Arsenic	0.085	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Barium	0.85	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Beryllium	0.085	0.63	0.63	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Calcium	8.5	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Cadmium	0.085	0.17	0.17	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Cobalt	0.042	9.5	9.5	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Chromium	0.17	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Copper	0.17	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Iron	4.2	27000	27000	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Potassium	8.5	1000	1000	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Magnesium	8.5	3300	3300	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Manganese	0.42	280	280	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Sodium	8.5	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Nickel	0.085	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Lead	0.085	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Antimony	0.17	0.085	0.085 J	MG/KG	TR
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Selenium	0.42	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Thallium	0.085	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Vanadium	0.085	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Zinc	0.42	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Silver	0.077	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Aluminum	2.3	11000	11000	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Arsenic	0.077	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Barium	0.77	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Beryllium	0.077	0.65	0.65	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Calcium	7.7	1000	1000	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Cadmium	0.077	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Cobalt	0.038	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Chromium	0.15	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Copper	0.15	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Iron	3.8	27000	27000	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Potassium	7.7	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Magnesium	7.7	3300	3300	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Manganese	0.38	320	320	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Sodium	7.7	47.0	47.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Nickel	0.077	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Lead	0.077	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Antimony	0.15	0.086	0.086 J	MG/KG	TR
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Selenium	0.38	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Thallium	0.077	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Vanadium	0.077	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Zinc	0.38	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Silver	0.079	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Aluminum	2.4	6100	6100	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Arsenic	0.079	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Barium	0.79	29.0	29.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Beryllium	0.079	0.42	0.42	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Calcium	7.9	1200	1200	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Cadmium	0.079	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Cobalt	0.040	7.9	7.9	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Chromium	0.16	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Copper	0.16	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Iron	4.0	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Potassium	7.9	740	740	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Magnesium	7.9	1700	1700	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Manganese	0.40	370	370	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Sodium	7.9	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Nickel	0.079	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Lead	0.079	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Antimony	0.16	0.13	0.13 J	MG/KG	TR
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Selenium	0.40	0.19	0.19 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Thallium	0.079	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Vanadium	0.079	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Zinc	0.40	56.0	56.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Silver	0.074	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Aluminum	2.2	7500	7500	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Arsenic	0.074	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Barium	0.74	30.0	30.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Beryllium	0.074	0.45	0.45	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Calcium	7.4	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Cadmium	0.074	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Cobalt	0.037	7.9	7.9	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Chromium	0.15	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Copper	0.15	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Iron	3.7	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Potassium	7.4	950	950	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Magnesium	7.4	1900	1900	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Manganese	0.37	320	320	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Sodium	7.4	28.0	28.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Nickel	0.074	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Lead	0.074	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Antimony	0.15	0.14	0.14 J	MG/KG	TR
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Selenium	0.37	0.48	0.48	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Thallium	0.074	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Vanadium	0.074	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Zinc	0.37	60.0	60.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Silver	0.091	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Aluminum	2.7	7100	7100	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Arsenic	0.091	19.0	19.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Barium	0.91	35.0	35.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Beryllium	0.091	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Calcium	9.1	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Cadmium	0.091	0.21	0.21	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Cobalt	0.045	9.6	9.6	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Chromium	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Copper	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Iron	4.5	25000	25000	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Potassium	9.1	950	950	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Magnesium	9.1	2200	2200	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Manganese	0.45	350	350	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Sodium	9.1	31.0	31.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Nickel	0.091	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Lead	0.091	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Antimony	0.18	0.18	0.18	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Selenium	0.45	0.59	0.59	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Thallium	0.091	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Vanadium	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Zinc	0.45	63.0	63.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Silver	0.088	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Aluminum	2.7	11000	11000	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Arsenic	0.088	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Barium	0.88	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Beryllium	0.088	0.54	0.54	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Calcium	8.8	1000	1000	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Cadmium	0.088	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Cobalt	0.044	9.2	9.2	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Chromium	0.18	16.0	16.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Copper	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Iron	4.4	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Potassium	8.8	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Magnesium	8.8	2700	2700	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Manganese	0.44	380	380	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Sodium	8.8	41.0	41.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Nickel	0.088	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Lead	0.088	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Antimony	0.18	0.079	0.079 J	MG/KG	TR
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Selenium	0.44	0.56	0.56	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Thallium	0.088	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Vanadium	0.088	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Zinc	0.44	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Silver	0.086	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Aluminum	2.6	8100	8100	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Arsenic	0.086	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Barium	0.86	38.0	38.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Beryllium	0.086	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Calcium	8.6	2900	2900	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Cadmium	0.086	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Cobalt	0.043	8.8	8.8	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Chromium	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Copper	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Iron	4.3	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Potassium	8.6	870	870	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Magnesium	8.6	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Manganese	0.43	400	400	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Sodium	8.6	35.0	35.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Nickel	0.086	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Lead	0.086	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Antimony	0.17	0.082	0.082 J	MG/KG	TR
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Selenium	0.43	0.42	0.42 J	MG/KG	TR
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Thallium	0.086	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Vanadium	0.086	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Zinc	0.43	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Silver	0.088	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Aluminum	2.6	6700	6700	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Arsenic	0.088	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Barium	0.88	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Beryllium	0.088	0.38	0.38	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Calcium	8.8	3300	3300	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Cobalt	0.044	7.4	7.4	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Chromium	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Copper	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Iron	4.4	21000	21000	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Potassium	8.8	700	700	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Magnesium	8.8	2100	2100	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Manganese	0.44	350	350	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Sodium	8.8	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Nickel	0.088	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Lead	0.088	9.8	9.8	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Antimony	0.18	0.082	0.082 J	MG/KG	TR
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Selenium	0.44	0.71	0.71	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Thallium	0.088	0.093	0.093	MG/KG	
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Vanadium	0.088	12.0	12.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Zinc	0.44	40.0	40.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Silver	0.10	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Aluminum	3.0	7600	7600	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Barium	1.0	63.0	63.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Beryllium	0.10	0.48	0.48	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Calcium	10.0	5400	5400	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Cadmium	0.10	0.31	0.31	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Cobalt	0.050	8.2	8.2	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Chromium	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Iron	5.0	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Potassium	10.0	650	650	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Magnesium	10.0	2400	2400	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Manganese	0.50	520	520	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Sodium	10.0	43.0	43.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Nickel	0.10	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Lead	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Antimony	0.20	0.13	0.13 J	MG/KG	TR
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Selenium	0.50	0.79	0.79	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Zinc	0.50	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Silver	0.085	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Aluminum	2.5	7900	7900	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Arsenic	0.085	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Barium	0.85	57.0	57.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Beryllium	0.085	0.50	0.50	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Calcium	8.5	5900	5900	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Cadmium	0.085	0.28	0.28	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Cobalt	0.042	7.4	7.4	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Chromium	0.17	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Copper	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Iron	4.2	19000	19000	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Potassium	8.5	730	730	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Magnesium	8.5	2600	2600	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Manganese	0.42	440	440	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Sodium	8.5	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Nickel	0.085	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Lead	0.085	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Antimony	0.17	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Selenium	0.42	0.65	0.65	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Thallium	0.085	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Vanadium	0.085	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Zinc	0.42	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Silver	0.091	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Aluminum	2.7	7600	7600	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Arsenic	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Barium	0.91	36.0	36.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Beryllium	0.091	0.35	0.35	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Calcium	9.1	530	530	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Cadmium	0.091	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Cobalt	0.045	8.0	8.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Chromium	0.18	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Iron	4.5	20000	20000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Potassium	9.1	550	550	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Magnesium	9.1	1900	1900	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Manganese	0.45	420	420	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Sodium	9.1	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Nickel	0.091	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Lead	0.091	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Antimony	0.18	0.088	0.088 J	MG/KG	TR
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Selenium	0.45	0.51	0.51	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Thallium	0.091	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Vanadium	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Zinc	0.45	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Silver	0.087	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Aluminum	2.6	7800	7800	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Arsenic	0.087	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Barium	0.87	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Beryllium	0.087	0.35	0.35	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Calcium	8.7	570	570	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Cadmium	0.087	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Cobalt	0.043	8.2	8.2	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Chromium	0.17	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Copper	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Iron	4.3	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Potassium	8.7	580	580	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Magnesium	8.7	1900	1900	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Manganese	0.43	430	430	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Sodium	8.7	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Nickel	0.087	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Lead	0.087	12.0	12.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Antimony	0.17	0.093	0.093 J	MG/KG	TR
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Selenium	0.43	0.48	0.48	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Thallium	0.087	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Vanadium	0.087	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Zinc	0.43	55.0	55.0	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	072SB-0063-0001-SO	240-18544-1	N	Mercury	0.12	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Mercury	0.12	0.024	0.024 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Mercury	0.12	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Mercury	0.098	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Mercury	0.11	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	075TR-0005-0001-SO	240-18544-41	N	Mercury	0.13	0.052	0.052 J	MG/KG	TR
SW7471A/NONE	SO	075TR-0006-0001-SO	240-18544-42	N	Mercury	0.12	0.35	0.35	MG/KG	
SW7471A/NONE	SO	075TR-0007-0001-SO	240-18544-43	N	Mercury	0.14	0.048	0.048 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Mercury	0.12	0.029	0.029 J -	MG/KG	H1/TR
SW7471A/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Mercury	0.095	0.032	0.032 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Mercury	0.11	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Mercury	0.12	0.038	0.038 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Mercury	0.10	0.039	0.039 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Mercury	0.10	0.042	0.042 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Mercury	0.097	0.038	0.038 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Mercury	0.098	0.031	0.031 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Mercury	0.090	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Mercury	0.11	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Mercury	0.090	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Mercury	0.11	0.032	0.032 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Mercury	0.094	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Mercury	0.092	0.030	0.030 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Mercury	0.10	0.031	0.031 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Mercury	0.097	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Mercury	0.090	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0106M-0001-SO	240-18544-25	FD	Mercury	0.11	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Mercury	0.090	0.025	0.025 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Mercury	0.11	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Mercury	0.086	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Mercury	0.097	0.023	0.023 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Mercury	0.091	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Mercury	0.094	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Mercury	0.12	0.031	0.031 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Mercury	0.090	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Mercury	0.12	0.033	0.033 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8081/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	p,p'-DDE	1.7	0.47	0.47 J	UG/KG	TR/P1
SW8081/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	p,p'-DDT	20.0	14.0	14.0 J	UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8082/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	PCB-1260 (Arochlor 1260)	55.0	77.0	77.0	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0064-0001-SO	240-18544-2	FD	Toluene	4.2	0.94	0.94 J -	UG/KG	I/TR/d
SW8260B/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Toluene	4.3	0.86	0.86 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0066-0001-SO	240-18544-4	N	Toluene	4.1	0.53	0.53 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Toluene	4.6	3.0	3.0 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0068-0001-SO	240-18544-6	N	Toluene	4.9	3.1	3.1 J	UG/KG	TR/d
SW8260B/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Toluene	5.3	4.0	4.0 J -	UG/KG	TR
SW8260B/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Toluene	6.2	1.5	1.5 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Toluene	5.1	2.0	2.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0091M-0001-SO	240-18544-8	N	Methylene Chloride	5.1	1.6	1.6 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Toluene	4.9	0.84	0.84 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	2-Hexanone	20.0	1.5	1.5 J	UG/KG	TR/J
SW8260B/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	4-Methyl-2-pentanone (MIBK)	20.0	1.0	1.0 J	UG/KG	TR/J
SW8260B/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Toluene	6.0	1.1	1.1 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0094M-0001-SO	240-18544-12	N	Toluene	5.7	1.0	1.0 J -	UG/KG	I/TR/d
SW8260B/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Toluene	5.8	2.7	2.7 J	UG/KG	TR/d
SW8260B/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Methylene Chloride	5.8	1.4	1.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0096M-0001-SO	240-18544-14	N	Toluene	4.7	0.94	0.94 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0097M-0001-SO	240-18544-15	FD	Toluene	4.4	0.73	0.73 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Toluene	4.8	0.84	0.84 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0098M-0001-SO	240-18544-16	N	Carbon Disulfide	4.8	0.92	0.92 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Toluene	4.8	0.96	0.96 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Toluene	5.5	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Toluene	5.1	1.1	1.1 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Toluene	5.6	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Toluene	5.4	1.5	1.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Toluene	4.7	1.4	1.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Toluene	5.8	1.5	1.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Toluene	4.7	0.97	0.97 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	Toluene	5.2	1.0	1.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	Toluene	4.4	1.3	1.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Toluene	4.0	1.0	1.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Acetone	20.0	30.0	30.0	UG/KG	
SW8260B/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Toluene	5.0	1.2	1.2 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	2-Butanone (MEK)	20.0	4.2	4.2 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Acetone	19.0	30.0	30.0	UG/KG	
SW8260B/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Toluene	4.7	0.95	0.95 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	2-Butanone (MEK)	19.0	5.6	5.6 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Acetone	17.0	6.6	6.6 J	UG/KG	TR/d
SW8260B/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Toluene	4.3	1.0	1.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	2-Butanone (MEK)	17.0	1.7	1.7 J	UG/KG	TR/d
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Acetone	18.0	12.0	12.0 J -	UG/KG	I/TR/d
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Toluene	4.5	1.5	1.5 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	2-Butanone (MEK)	18.0	3.3	3.3 J -	UG/KG	I/TR/d
SW8260B/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Methylene Chloride	4.5	1.1	1.1 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Toluene	4.8	0.52	0.52 J	UG/KG	TR/d
SW8260B/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Toluene	5.2	1.5	1.5 J	UG/KG	TR/d
SW8260B/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Methylene Chloride	5.2	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	WG	076SB-0116M-0001-TB	240-18544-35	N	Acetone	10.0	1.3	1.3 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Benzo(b)fluoranthene	7.4	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0065-0001-SO	240-18544-3	N	Benzo(g,h,i)perylene	7.4	6.9	6.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Acenaphthene	30.0	83.0	83.0	UG/KG	
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Dibenzofuran	220	100	100 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0067-0001-SO	240-18544-5	N	Pyrene	30.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(b)fluoranthene	7.4	4.4	4.4 J -	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(g,h,i)perylene	7.4	9.7	9.7 J -	UG/KG	H2
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Benzo(k)fluoranthene	7.4	4.7	4.7 J -	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Fluoranthene	7.4	3.7	3.7 J -	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0078-0001-SO	240-18544-18	N	Pyrene	7.4	4.8	4.8 J -	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0090M-0001-SO	240-18544-7	N	Naphthalene	6.6	3.3	3.3 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	2-Methylnaphthalene	6.6	3.3	3.3 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0092M-0001-SO	240-18544-10	N	Phenanthrene	6.6	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0093M-0001-SO	240-18544-11	FD	Phenanthrene	6.7	3.5	3.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0095M-0001-SO	240-18544-13	FD	Phenanthrene	6.7	3.6	3.6 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	2-Methylnaphthalene	6.8	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0099M-0001-SO	240-18544-17	N	Naphthalene	6.8	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	2-Methylnaphthalene	6.7	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0100M-0001-SO	240-18544-19	N	Naphthalene	6.7	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	2-Methylnaphthalene	6.7	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0101M-0001-SO	240-18544-20	N	Naphthalene	6.7	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	2-Methylnaphthalene	6.7	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0102M-0001-SO	240-18544-21	N	Naphthalene	6.7	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	2-Methylnaphthalene	6.6	3.7	3.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Naphthalene	6.6	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0103M-0001-SO	240-18544-22	FD	Phenanthrene	6.6	3.7	3.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	2-Methylnaphthalene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0104M-0001-SO	240-18544-23	N	Phenanthrene	6.7	4.1	4.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	2-Methylnaphthalene	6.6	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0105M-0001-SO	240-18544-24	FD	Naphthalene	6.6	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	bis(2-Ethylhexyl) Phthalate	50.0	21.0	21.0 J -	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Isophorone	50.0	33.0	33.0 J -	UG/KG	I/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Methylnaphthalene	6.6	4.2	4.2 J -	UG/KG	I/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	2-Methylnaphthalene	6.6	4.6	4.6 J -	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Naphthalene	6.6	5.7	5.7 J -	UG/KG	H2/TR
SW8270C/NONE	SO	076SB-0106M-0001-SO	240-18544-25	N	Naphthalene	6.6	4.5	4.5 J -	UG/KG	I/TR
SW8270C/NONE	SO	076SB-0107M-0001-SO	240-18544-26	FD	2-Methylnaphthalene	6.7	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0108M-0001-SO	240-18544-27	N	2-Methylnaphthalene	6.7	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	2-Methylnaphthalene	6.7	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0109M-0001-SO	240-18544-28	N	Naphthalene	6.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Benzo(a)anthracene	6.6	21.0	21.0	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Benzo(a)pyrene	6.6	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Benzo(b)fluoranthene	6.6	30.0	30.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Benzo(g,h,i)perylene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Benzo(k)fluoranthene	6.6	7.7	7.7	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Chrysene	6.6	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Dibenzofuran	50.0	3.4	3.4 J	UG/KG	TR/d
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Fluoranthene	6.6	22.0	22.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Indeno(1,2,3-c,d)pyrene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	2-Methylnaphthalene	6.6	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Naphthalene	6.6	8.7	8.7	UG/KG	
SW8270C/NONE	SO	076SB-0110M-0001-SO	240-18544-29	N	Pyrene	6.6	20.0	20.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Anthracene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Benzo(a)anthracene	6.6	31.0	31.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Benzo(a)pyrene	6.6	23.0	23.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Benzo(b)fluoranthene	6.6	32.0	32.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Benzo(g,h,i)perylene	6.6	15.0	15.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Benzo(k)fluoranthene	6.6	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Chrysene	6.6	28.0	28.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Dibenzofuran	50.0	8.5	8.5 J	UG/KG	TR/d
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Fluorene	6.6	7.4	7.4	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Fluoranthene	6.6	64.0	64.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Indeno(1,2,3-c,d)pyrene	6.6	14.0	14.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	2-Methylnaphthalene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Naphthalene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Phenanthrene	6.6	60.0	60.0	UG/KG	
SW8270C/NONE	SO	076SB-0111M-0001-SO	240-18544-30	FD	Pyrene	6.6	50.0	50.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzo(a)anthracene	130	200	200	UG/KG	
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzo(a)pyrene	130	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzo(b)fluoranthene	130	190	190	UG/KG	
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzo(g,h,i)perylene	130	120	120 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Benzo(k)fluoranthene	130	110	110 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Chrysene	130	160	160 J	UG/KG	d
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Fluoranthene	130	410	410	UG/KG	
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Indeno(1,2,3-c,d)pyrene	130	83.0	83.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Phenanthrene	130	280	280 J	UG/KG	d
SW8270C/NONE	SO	076SB-0112M-0001-SO	240-18544-31	N	Pyrene	130	330	330	UG/KG	
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzo(a)anthracene	130	270	270	UG/KG	
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzo(a)pyrene	130	220	220	UG/KG	
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzo(b)fluoranthene	130	270	270	UG/KG	
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzo(g,h,i)perylene	130	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Benzo(k)fluoranthene	130	110	110 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Chrysene	130	280	280 J	UG/KG	d
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Fluoranthene	130	660	660	UG/KG	
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Indeno(1,2,3-c,d)pyrene	130	120	120 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Phenanthrene	130	470	470 J	UG/KG	d
SW8270C/NONE	SO	076SB-0113M-0001-SO	240-18544-32	FD	Pyrene	130	510	510	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Anthracene	6.7	4.5	4.5 J	UG/KG	TR/d
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Benzo(a)anthracene	6.7	23.0	23.0	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Benzo(a)pyrene	6.7	23.0	23.0	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Benzo(b)fluoranthene	6.7	35.0	35.0	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Benzo(g,h,i)perylene	6.7	17.0	17.0	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Benzo(k)fluoranthene	6.7	8.6	8.6 J	UG/KG	d
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Chrysene	6.7	28.0	28.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Dibenzofuran	50.0	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Fluoranthene	6.7	53.0	53.0	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Indeno(1,2,3-c,d)pyrene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	2-Methylnaphthalene	6.7	8.3	8.3	UG/KG	
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Naphthalene	6.7	8.3	8.3	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Phenanthrene	6.7	34.0	34.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0114M-0001-SO	240-18544-33	N	Pyrene	6.7	44.0	44.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Anthracene	6.6	9.1	9.1 J	UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Benzo(a)anthracene	6.6	33.0	33.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Benzo(a)pyrene	6.6	32.0	32.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Benzo(b)fluoranthene	6.6	50.0	50.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Benzo(g,h,i)perylene	6.6	26.0	26.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Benzo(k)fluoranthene	6.6	19.0	19.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Chrysene	6.6	39.0	39.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Dibenzofuran	49.0	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Fluorene	6.6	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Fluoranthene	6.6	79.0	79.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Indeno(1,2,3-c,d)pyrene	6.6	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	2-Methylnaphthalene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Naphthalene	6.6	11.0	11.0	UG/KG	
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Phenanthrene	6.6	52.0	52.0 J	UG/KG	d
SW8270C/NONE	SO	076SB-0115M-0001-SO	240-18544-34	FD	Pyrene	6.6	67.0	67.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0063-0001-SO	N	Benzoic acid	750	750	R	UG/KG	c
SW8270C/NONE	SO	072SB-0063-0001-SO	N	3,3'-Dichlorobenzidine	110	110	R	UG/KG	c
SW8270C/NONE	SO	072SB-0064-0001-SO	FD	Benzoic acid	740	740	R	UG/KG	c
SW8270C/NONE	SO	072SB-0064-0001-SO	FD	3,3'-Dichlorobenzidine	110	110	R	UG/KG	c
SW8270C/NONE	SO	072SB-0065-0001-SO	N	Benzoic acid	740	740	R	UG/KG	c
SW8270C/NONE	SO	072SB-0065-0001-SO	N	3,3'-Dichlorobenzidine	110	110	R	UG/KG	c
SW8270C/NONE	SO	072SB-0066-0001-SO	N	Benzoic acid	750	750	R	UG/KG	c
SW8270C/NONE	SO	072SB-0066-0001-SO	N	3,3'-Dichlorobenzidine	110	110	R	UG/KG	c
SW8270C/NONE	SO	072SB-0067-0001-SO	N	Benzoic acid	2900	2900	R	UG/KG	c
SW8270C/NONE	SO	072SB-0067-0001-SO	N	3,3'-Dichlorobenzidine	440	440	R	UG/KG	c
SW8270C/NONE	SO	072SB-0068-0001-SO	N	Benzoic acid	720	720	R	UG/KG	c
SW8270C/NONE	SO	072SB-0068-0001-SO	N	3,3'-Dichlorobenzidine	110	110	R	UG/KG	c
SW8270C/NONE	SO	076SB-0090M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	m/c
SW8270C/NONE	SO	076SB-0090M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0091M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	m/c
SW8270C/NONE	SO	076SB-0091M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0092M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	076SB-0092M-0001-SO	N	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	c
SW8270C/NONE	SO	076SB-0093M-0001-SO	FD	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0093M-0001-SO	FD	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0094M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	076SB-0094M-0001-SO	N	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	c
SW8270C/NONE	SO	076SB-0095M-0001-SO	FD	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0095M-0001-SO	FD	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0096M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0096M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0097M-0001-SO	FD	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0097M-0001-SO	FD	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	c

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0098M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0098M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0099M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	076SB-0099M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0100M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	m/c
SW8270C/NONE	SO	076SB-0100M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	M/c
SW8270C/NONE	SO	076SB-0101M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0101M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0102M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	076SB-0102M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0103M-0001-SO	FD	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0103M-0001-SO	FD	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0104M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0104M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0105M-0001-SO	FD	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	076SB-0105M-0001-SO	FD	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	c
SW8270C/NONE	SO	076SB-0106M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	l/c
SW8270C/NONE	SO	076SB-0106M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	H2/c
SW8270C/NONE	SO	076SB-0106M-0001-SO	N	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	H2/c
SW8270C/NONE	SO	076SB-0106M-0001-SO	N	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	l/c
SW8270C/NONE	SO	076SB-0107M-0001-SO	FD	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0107M-0001-SO	FD	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0108M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0108M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0109M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0109M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0110M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0110M-0001-SO	N	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	c

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0111M-0001-SO	FD	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0111M-0001-SO	FD	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0112M-0001-SO	N	Benzoic acid	13000	13000	R	UG/KG	c
SW8270C/NONE	SO	076SB-0112M-0001-SO	N	3,3'-Dichlorobenzidine	2000	2000	R	UG/KG	c
SW8270C/NONE	SO	076SB-0113M-0001-SO	FD	Benzoic acid	13000	13000	R	UG/KG	c
SW8270C/NONE	SO	076SB-0113M-0001-SO	FD	3,3'-Dichlorobenzidine	2000	2000	R	UG/KG	c
SW8270C/NONE	SO	076SB-0114M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	076SB-0114M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	c
SW8270C/NONE	SO	076SB-0115M-0001-SO	FD	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	076SB-0115M-0001-SO	FD	3,3'-Dichlorobenzidine	99.0	99.0	R	UG/KG	c

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Anomalies Count

SDG Name: 240-18544-1_(72-75-76)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	15	15
M8015D/SW3540C/NONE	1	2
M8015V/SW3550B/NONE	1	1
SW6020/SW3050B/NONE	3	8
SW7471A/TOTAL/NONE	20	20
SW8081/SW3540C/NONE	8	137
SW8082/SW3540C/NONE	16	112
SW8260B/SW5030B/NONE	4	4
SW8270C/SW3550/NONE	32	195

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	072SB-0065-0001-SO	N	1	Nitrocellulose	52 U	8.1	52	5	MG/KG
E353.2/NONE	076SB-0098M-0001-SO	N	1	Nitrocellulose	38 U	5.9	38	5	MG/KG
E353.2/NONE	076SB-0100M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0101M-0001-SO	N	1	Nitrocellulose	45 U	7	45	5	MG/KG
E353.2/NONE	076SB-0102M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0103M-0001-SO	FD	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
E353.2/NONE	076SB-0104M-0001-SO	N	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
E353.2/NONE	076SB-0105M-0001-SO	FD	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	076SB-0106M-0001-SO	FD	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
E353.2/NONE	076SB-0107M-0001-SO	FD	1	Nitrocellulose	47 U	7.4	47	5	MG/KG
E353.2/NONE	076SB-0108M-0001-SO	N	1	Nitrocellulose	45 U	7	45	5	MG/KG
E353.2/NONE	076SB-0109M-0001-SO	N	1	Nitrocellulose	48 U	7.5	48	5	MG/KG
E353.2/NONE	076SB-0110M-0001-SO	N	1	Nitrocellulose	47 U	7.3	47	5	MG/KG
E353.2/NONE	076SB-0112M-0001-SO	N	1	Nitrocellulose	45 U	7.1	45	5	MG/KG
E353.2/NONE	076SB-0114M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	072SB-0067-0001-SO	N	10	C10-C20 Diesel Range Organics	990	100	180	40	MG/KG
M8015D/NONE	072SB-0067-0001-SO	N	10	C20-C34 Motor Oil Range Organics	160 J	100	180	40	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	072SB-0067-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	6700	1500	4400	100	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0063-0001-SO	N	1	Selenium	0.38 J	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0065-0001-SO	N	1	Barium	20	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0065-0001-SO	N	1	Beryllium	0.37	0.0079	0.11	0.1	MG/KG
SW6020/NONE	072SB-0065-0001-SO	N	1	Cadmium	0.12	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0065-0001-SO	N	1	Calcium	18000	1.4	11	10	MG/KG
SW6020/NONE	072SB-0065-0001-SO	N	1	Magnesium	3300	1.1	11	10	MG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0065-0001-SO	N	1	Selenium	0.38 J	0.053	0.53	0.5	MG/KG
SW6020/NONE	072SB-0066-0001-SO	N	1	Selenium	0.26 J	0.052	0.51	0.5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0063-0001-SO	N	1	Mercury	0.017 J	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0064-0001-SO	FD	1	Mercury	0.024 J	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0065-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0066-0001-SO	N	1	Mercury	0.02 J	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0068-0001-SO	N	1	Mercury	0.022 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	075TR-0002-0001-SO	N	1	Mercury	0.14 U	0.02	0.14	0.1	MG/KG
SW7471A/NONE	075TR-0003-0001-SO	FD	1	Mercury	0.14 U	0.02	0.14	0.1	MG/KG
SW7471A/NONE	075TR-0004-0001-SO	N	1	Mercury	0.14 U	0.02	0.14	0.1	MG/KG
SW7471A/NONE	075TR-0005-0001-SO	N	1	Mercury	0.052 J	0.018	0.13	0.1	MG/KG
SW7471A/NONE	075TR-0006-0001-SO	N	1	Mercury	0.35	0.017	0.12	0.1	MG/KG
SW7471A/NONE	075TR-0007-0001-SO	N	1	Mercury	0.048 J	0.019	0.14	0.1	MG/KG
SW7471A/NONE	076SB-0078-0001-SO	N	1	Mercury	0.029 J	0.017	0.12	0.1	MG/KG
SW7471A/NONE	076SB-0091M-0001-SO	N	1	Mercury	0.03 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0092M-0001-SO	N	1	Mercury	0.038 J	0.016	0.12	0.1	MG/KG
SW7471A/NONE	076SB-0098M-0001-SO	N	1	Mercury	0.027 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0100M-0001-SO	N	1	Mercury	0.032 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0106M-0001-SO	FD	1	Mercury	0.026 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0108M-0001-SO	N	1	Mercury	0.03 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0113M-0001-SO	FD	1	Mercury	0.031 J	0.016	0.12	0.1	MG/KG
SW7471A/NONE	076SB-0115M-0001-SO	FD	1	Mercury	0.033 J	0.016	0.12	0.1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0065-0001-SO	N	1	Aldrin	4.5 U	1.4	4.5	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.8 U	0.82	2.8	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	alpha-Chlordane	3.4 U	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	alpha-Endosulfan	1.9 U	0.59	1.9	1.7	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0065-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.9 U	1.2	3.9	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	beta-Endosulfan	2.8 U	0.93	2.8	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.5 U	1.4	4.5	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Dieldrin	1.9 U	0.53	1.9	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Endosulfan Sulfate	3.4 U	0.98	3.4	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Endrin	1.9 U	0.56	1.9	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Endrin Aldehyde	3.4 U	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Endrin Ketone	2.3 U	0.71	2.3	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	gamma-BHC (Lindane)	2.8 U	0.83	2.8	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	gamma-Chlordane	1.9 U	0.47	1.9	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Heptachlor	3.9 U	1.2	3.9	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Heptachlor Epoxide	2.8 U	0.9	2.8	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	Methoxychlor	5.6 U	1.7	5.6	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	p,p'-DDD	2.3 U	0.7	2.3	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	p,p'-DDE	1.9 U	0.44	1.9	1.7	UG/KG
SW8081/NONE	072SB-0065-0001-SO	N	1	p,p'-DDT	2.3 U	0.71	2.3	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	alpha-Chlordane	3 U	0.94	3	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.82	2.5	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.87	3	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	Endrin Ketone	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	Heptachlor	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.8	2.5	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	Methoxychlor	5 U	1.5	5	1.7	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	076SB-0098M-0001-SO	N	1	p,p'-DDD	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	076SB-0098M-0001-SO	N	1	p,p'-DDT	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	alpha-Chlordane	3 U	0.94	3	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.82	2.5	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.87	3	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	Endrin Ketone	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	Heptachlor	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.8	2.5	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	Methoxychlor	5 U	1.5	5	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	p,p'-DDD	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	076SB-0101M-0001-SO	N	1	p,p'-DDT	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	alpha-Chlordane	3 U	0.94	3	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.82	2.5	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.87	3	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	Endrin Ketone	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	Heptachlor	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.8	2.5	1.7	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	076SB-0108M-0001-SO	N	1	Methoxychlor	5 U	1.5	5	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	p,p'-DDD	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	076SB-0108M-0001-SO	N	1	p,p'-DDT	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	alpha-Chlordane	3 U	0.94	3	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.82	2.5	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.87	3	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	Endrin Ketone	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	Heptachlor	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.8	2.5	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	Methoxychlor	5 U	1.5	5	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	p,p'-DDD	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	076SB-0109M-0001-SO	N	1	p,p'-DDT	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Aldrin	20 U	6	20	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	alpha-BHC (alpha-Hexachlorocyclohexane)	12 U	3.6	12	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	alpha-Chlordane	15 U	4.7	15	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	alpha-Endosulfan	8.5 U	2.6	8.5	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	beta-BHC (beta-Hexachlorocyclohexane)	17 U	5.5	17	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	beta-Endosulfan	12 U	4.1	12	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	delta-BHC (delta-Hexachlorocyclohexane)	20 U	6	20	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Dieldrin	8.5 U	2.3	8.5	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Endosulfan Sulfate	15 U	4.3	15	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Endrin	8.5 U	2.5	8.5	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Endrin Aldehyde	15 U	5	15	1.7	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	076SB-0110M-0001-SO	N	5	Endrin Ketone	9.9 U	3.1	9.9	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	gamma-BHC (Lindane)	12 U	3.7	12	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	gamma-Chlordane	8.5 U	2.1	8.5	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Heptachlor	17 U	5.5	17	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Heptachlor Epoxide	12 U	4	12	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Methoxychlor	25 U	7.5	25	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	p,p'-DDD	9.9 U	3.1	9.9	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	p,p'-DDE	8.5 U	1.9	8.5	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	p,p'-DDT	9.9 U	3.1	9.9	1.7	UG/KG
SW8081/NONE	076SB-0110M-0001-SO	N	5	Toxaphene	330 UJ	94	330	170	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Aldrin	40 U	12	40	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	alpha-BHC (alpha-Hexachlorocyclohexane)	25 U	7.4	25	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	alpha-Chlordane	30 U	9.5	30	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	alpha-Endosulfan	17 U	5.2	17	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	beta-BHC (beta-Hexachlorocyclohexane)	35 U	11	35	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	beta-Endosulfan	25 U	8.3	25	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	delta-BHC (delta-Hexachlorocyclohexane)	40 U	12	40	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Dieldrin	17 U	4.7	17	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Endosulfan Sulfate	30 U	8.8	30	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Endrin	17 U	5	17	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Endrin Aldehyde	30 U	10	30	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Endrin Ketone	20 U	6.4	20	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	gamma-BHC (Lindane)	25 U	7.5	25	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	gamma-Chlordane	17 U	4.2	17	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Heptachlor	35 U	11	35	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Heptachlor Epoxide	25 U	8.1	25	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Methoxychlor	50 U	15	50	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	p,p'-DDD	20 U	6.3	20	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	p,p'-DDE	17 U	3.9	17	1.7	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	076SB-0112M-0001-SO	N	10	p,p'-DDT	14 J	6.4	20	1.7	UG/KG
SW8081/NONE	076SB-0112M-0001-SO	N	10	Toxaphene	680 UJ	190	680	170	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	alpha-Chlordane	3 U	0.94	3	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.82	2.5	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.87	3	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	Endrin Ketone	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	Heptachlor	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.8	2.5	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	Methoxychlor	5 U	1.5	5	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	p,p'-DDD	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	076SB-0114M-0001-SO	N	1	p,p'-DDT	2 U	0.63	2	1.7	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0065-0001-SO	N	1	PCB-1016 (Arochlor 1016)	73 U	24	73	33	UG/KG
SW8082/NONE	072SB-0065-0001-SO	N	1	PCB-1221 (Arochlor 1221)	56 U	18	56	33	UG/KG
SW8082/NONE	072SB-0065-0001-SO	N	1	PCB-1232 (Arochlor 1232)	51 U	16	51	33	UG/KG
SW8082/NONE	072SB-0065-0001-SO	N	1	PCB-1242 (Arochlor 1242)	45 U	15	45	33	UG/KG
SW8082/NONE	072SB-0065-0001-SO	N	1	PCB-1248 (Arochlor 1248)	62 U	19	62	33	UG/KG
SW8082/NONE	072SB-0065-0001-SO	N	1	PCB-1254 (Arochlor 1254)	62 U	19	62	33	UG/KG
SW8082/NONE	072SB-0065-0001-SO	N	1	PCB-1260 (Arochlor 1260)	62 U	19	62	33	UG/KG
SW8082/NONE	076SB-0098M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0098M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0098M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0098M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0098M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0098M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0098M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0100M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 UJ	21	66	33	UG/KG
SW8082/NONE	076SB-0100M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 UJ	16	51	33	UG/KG
SW8082/NONE	076SB-0100M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 UJ	14	46	33	UG/KG
SW8082/NONE	076SB-0100M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 UJ	13	41	33	UG/KG
SW8082/NONE	076SB-0100M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 UJ	17	56	33	UG/KG
SW8082/NONE	076SB-0100M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 UJ	17	56	33	UG/KG
SW8082/NONE	076SB-0100M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 UJ	17	56	33	UG/KG
SW8082/NONE	076SB-0101M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0101M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0101M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0101M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0101M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0101M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0101M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0102M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0102M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0102M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0102M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0102M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0102M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0102M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0103M-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0103M-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0103M-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0103M-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0103M-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0103M-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0103M-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0104M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 UJ	21	66	33	UG/KG
SW8082/NONE	076SB-0104M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 UJ	16	51	33	UG/KG
SW8082/NONE	076SB-0104M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 UJ	14	46	33	UG/KG
SW8082/NONE	076SB-0104M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	076SB-0104M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 UJ	17	56	33	UG/KG
SW8082/NONE	076SB-0104M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 UJ	17	56	33	UG/KG
SW8082/NONE	076SB-0104M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 UJ	17	56	33	UG/KG
SW8082/NONE	076SB-0105M-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	076SB-0105M-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	076SB-0105M-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	076SB-0105M-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0105M-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0105M-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0105M-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0106M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0106M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0106M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0106M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0106M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0106M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0106M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0107M-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0107M-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0107M-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0107M-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0107M-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0107M-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0107M-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0108M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0108M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0108M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0108M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0108M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0108M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0108M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0109M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0109M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0109M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0109M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0109M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0109M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0109M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0110M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0110M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0110M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0110M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0110M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0110M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0110M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0112M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	076SB-0112M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0112M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0112M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0112M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0112M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0112M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	77	17	55	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0114M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0114M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0114M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0114M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0114M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0114M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0114M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0115M-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0115M-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0115M-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0115M-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0115M-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0115M-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0115M-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0063-0001-SO	N	1	Benzene	5.8 U	0.27	5.8	5	UG/KG
SW8260B/NONE	072SB-0063-0001-SO	N	1	Ethylbenzene	5.8 U	0.3	5.8	5	UG/KG
SW8260B/NONE	072SB-0063-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.8 U	0.5	5.8	5	UG/KG
SW8260B/NONE	072SB-0063-0001-SO	N	1	Toluene	5.8 U	0.32	5.8	5	UG/KG
SW8260B/NONE	072SB-0063-0001-SO	N	1	Xylenes, Total	12 U	0.78	12	10	UG/KG
SW8260B/NONE	072SB-0065-0001-SO	N	1	1,2-Dichloroethene	8.7 U	0.67	8.7	5	UG/KG
SW8260B/NONE	072SB-0069-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0078-0001-SO	N	1	Benzene	5.3 U	0.25	5.3	5	UG/KG
SW8260B/NONE	076SB-0078-0001-SO	N	1	Ethylbenzene	5.3 U	0.28	5.3	5	UG/KG
SW8260B/NONE	076SB-0078-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.3 U	0.46	5.3	5	UG/KG
SW8260B/NONE	076SB-0078-0001-SO	N	1	Toluene	4 J	0.29	5.3	5	UG/KG
SW8260B/NONE	076SB-0078-0001-SO	N	1	Xylenes, Total	11 U	0.72	11	10	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,1,1-Trichloroethane	6.2 UJ	0.69	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	6.2 UJ	0.42	6.2	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,1,2-Trichloroethane	6.2 UJ	0.48	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,1-Dichloroethane	6.2 UJ	0.45	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,1-Dichloroethene	6.2 UJ	0.65	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,2-Dibromoethane (EDB)	6.2 UJ	0.62	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,2-Dichloroethane	6.2 UJ	0.42	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,2-Dichloroethene	12 UJ	0.96	12	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	1,2-Dichloropropane	6.2 UJ	0.86	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	2-Butanone (MEK)	25 UJ	1.7	25	20	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	2-Hexanone	25 UJ	0.78	25	20	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	25 UJ	0.67	25	20	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Acetone	25 UJ	7.8	25	20	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Benzene	6.2 UJ	0.29	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Bromochloromethane	6.2 UJ	0.88	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Bromodichloromethane	6.2 UJ	0.35	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Bromoform	6.2 UJ	0.41	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Bromomethane	6.2 UJ	0.67	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Carbon Disulfide	6.2 UJ	0.55	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Carbon Tetrachloride	6.2 UJ	0.46	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Chlorobenzene	6.2 UJ	0.41	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Chloroethane	6.2 UJ	1.1	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Chloroform	6.2 UJ	0.36	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Chloromethane	6.2 UJ	0.51	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	cis-1,3-Dichloropropene	6.2 UJ	0.42	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Dibromochloromethane	6.2 UJ	0.68	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Ethylbenzene	6.2 UJ	0.32	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Methylene Chloride	6.2 UJ	0.83	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Styrene	6.2 UJ	0.19	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Tetrachloroethene (PCE)	6.2 UJ	0.65	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Toluene	1.5 J	0.33	6.2	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0090M-0001-SO	N	1	trans-1,3-Dichloropropene	6.2 UJ	0.67	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Trichloroethene (TCE)	6.2 UJ	0.52	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Vinyl Chloride	6.2 UJ	0.48	6.2	5	UG/KG
SW8260B/NONE	076SB-0090M-0001-SO	N	1	Xylenes, Total	12 UJ	0.83	12	10	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,1,1-Trichloroethane	5.1 U	0.57	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,1,2-Trichloroethane	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,1-Dichloroethane	5.1 U	0.37	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,1-Dichloroethene	5.1 U	0.53	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.1 U	0.51	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,2-Dichloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.78	10	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	1,2-Dichloropropane	5.1 U	0.7	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Benzene	5.1 U	0.23	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Bromochloromethane	5.1 U	0.72	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Bromodichloromethane	5.1 U	0.29	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Bromoform	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Bromomethane	5.1 U	0.55	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Carbon Disulfide	5.1 U	0.45	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Carbon Tetrachloride	5.1 U	0.38	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Chlorobenzene	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Chloroethane	5.1 U	0.88	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Chloroform	5.1 U	0.3	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Chloromethane	5.1 U	0.42	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	cis-1,3-Dichloropropene	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Dibromochloromethane	5.1 U	0.56	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Ethylbenzene	5.1 U	0.26	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Methylene Chloride	1.6 J	0.68	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Styrene	5.1 U	0.15	5.1	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Tetrachloroethene (PCE)	5.1 U	0.53	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Toluene	2 J	0.27	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	trans-1,3-Dichloropropene	5.1 U	0.55	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Trichloroethene (TCE)	5.1 U	0.43	5.1	5	UG/KG
SW8260B/NONE	076SB-0091M-0001-SO	N	1	Vinyl Chloride	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0092M-0001-SO	N	1	1,2-Dichloroethene	9.8 U	0.76	9.8	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,1,1-Trichloroethane	6 U	0.67	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,1,2-Trichloroethane	6 U	0.47	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,1-Dichloroethane	6 U	0.43	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,1-Dichloroethene	6 U	0.62	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	6 U	0.6	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,2-Dichloroethane	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,2-Dichloroethene	12 U	0.92	12	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	1,2-Dichloropropane	6 U	0.83	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	2-Butanone (MEK)	24 U	1.7	24	20	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	2-Hexanone	24 UJ	0.76	24	20	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	24 UJ	0.65	24	20	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Acetone	24 U	7.6	24	20	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Benzene	6 U	0.28	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Bromochloromethane	6 U	0.85	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Bromodichloromethane	6 U	0.34	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Bromoform	6 U	0.4	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Bromomethane	6 U	0.65	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Carbon Disulfide	6 U	0.53	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Carbon Tetrachloride	6 U	0.44	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Chlorobenzene	6 U	0.4	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Chloroethane	6 U	1	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Chloroform	6 U	0.35	6	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Chloromethane	6 U	0.49	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	cis-1,3-Dichloropropene	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Dibromochloromethane	6 U	0.66	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Ethylbenzene	6 U	0.31	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Methylene Chloride	6 U	0.8	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Styrene	6 U	0.18	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Tetrachloroethene (PCE)	6 U	0.62	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Toluene	1.1 J	0.32	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	trans-1,3-Dichloropropene	6 U	0.65	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Trichloroethene (TCE)	6 U	0.5	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Vinyl Chloride	6 U	0.47	6	5	UG/KG
SW8260B/NONE	076SB-0093M-0001-SO	FD	1	Xylenes, Total	12 U	0.8	12	10	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,1,1-Trichloroethane	5.7 UJ	0.64	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,1,2-Trichloroethane	5.7 UJ	0.45	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,1-Dichloroethane	5.7 UJ	0.41	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,1-Dichloroethene	5.7 UJ	0.59	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.7 UJ	0.57	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,2-Dichloroethane	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.88	11	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	1,2-Dichloropropane	5.7 UJ	0.79	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	2-Butanone (MEK)	23 UJ	1.6	23	20	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	2-Hexanone	23 UJ	0.72	23	20	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 UJ	0.62	23	20	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Acetone	23 UJ	7.2	23	20	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Benzene	5.7 UJ	0.26	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Bromochloromethane	5.7 UJ	0.81	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Bromodichloromethane	5.7 UJ	0.32	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Bromoform	5.7 UJ	0.38	5.7	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Bromomethane	5.7 UJ	0.62	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Carbon Disulfide	5.7 UJ	0.5	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Carbon Tetrachloride	5.7 UJ	0.42	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Chlorobenzene	5.7 UJ	0.38	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Chloroethane	5.7 UJ	0.98	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Chloroform	5.7 UJ	0.33	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Chloromethane	5.7 UJ	0.47	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	cis-1,3-Dichloropropene	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Dibromochloromethane	5.7 UJ	0.63	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Ethylbenzene	5.7 UJ	0.3	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Methylene Chloride	5.7 UJ	0.77	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Styrene	5.7 UJ	0.17	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Tetrachloroethene (PCE)	5.7 UJ	0.59	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Toluene	1 J	0.31	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	trans-1,3-Dichloropropene	5.7 UJ	0.62	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Trichloroethene (TCE)	5.7 UJ	0.48	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Vinyl Chloride	5.7 UJ	0.45	5.7	5	UG/KG
SW8260B/NONE	076SB-0094M-0001-SO	N	1	Xylenes, Total	11 UJ	0.77	11	10	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,1,1-Trichloroethane	5.8 U	0.65	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,1,2-Trichloroethane	5.8 U	0.45	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,1-Dichloroethane	5.8 U	0.42	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,1-Dichloroethene	5.8 U	0.6	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	5.8 U	0.58	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,2-Dichloroethane	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,2-Dichloroethene	12 U	0.89	12	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	1,2-Dichloropropane	5.8 U	0.8	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	2-Butanone (MEK)	23 U	1.6	23	20	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	2-Hexanone	23 U	0.73	23	20	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	23 U	0.62	23	20	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Acetone	23 U	7.3	23	20	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Benzene	5.8 U	0.27	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Bromochloromethane	5.8 U	0.82	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Bromodichloromethane	5.8 U	0.32	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Bromoform	5.8 U	0.38	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Bromomethane	5.8 U	0.62	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Carbon Disulfide	5.8 U	0.51	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Carbon Tetrachloride	5.8 U	0.43	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Chlorobenzene	5.8 U	0.38	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Chloroethane	5.8 U	0.99	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Chloroform	5.8 U	0.33	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Chloromethane	5.8 U	0.47	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	cis-1,3-Dichloropropene	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Dibromochloromethane	5.8 U	0.64	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Ethylbenzene	5.8 U	0.3	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Methylene Chloride	1.4 J	0.77	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Styrene	5.8 U	0.17	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Tetrachloroethene (PCE)	5.8 U	0.6	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Toluene	2.7 J	0.31	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	trans-1,3-Dichloropropene	5.8 U	0.62	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Trichloroethene (TCE)	5.8 U	0.48	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Vinyl Chloride	5.8 U	0.45	5.8	5	UG/KG
SW8260B/NONE	076SB-0095M-0001-SO	FD	1	Xylenes, Total	12 U	0.77	12	10	UG/KG
SW8260B/NONE	076SB-0096M-0001-SO	N	1	1,2-Dichloroethene	9.3 U	0.72	9.3	5	UG/KG
SW8260B/NONE	076SB-0097M-0001-SO	FD	1	1,2-Dichloroethene	8.9 U	0.69	8.9	5	UG/KG
SW8260B/NONE	076SB-0098M-0001-SO	N	1	1,2-Dichloroethene	9.7 UJ	0.74	9.7	5	UG/KG
SW8260B/NONE	076SB-0099M-0001-SO	N	1	1,2-Dichloroethene	9.7 UJ	0.75	9.7	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,1,1-Trichloroethane	5.5 U	0.62	5.5	5	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.5 U	0.38	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,1,2-Trichloroethane	5.5 U	0.43	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,1-Dichloroethane	5.5 U	0.4	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,1-Dichloroethene	5.5 U	0.58	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.5 U	0.55	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,2-Dichloroethane	5.5 U	0.38	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,2-Dichloroethene	11 U	0.85	11	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	1,2-Dichloropropane	5.5 U	0.76	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	2-Butanone (MEK)	22 U	1.6	22	20	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	2-Hexanone	22 U	0.7	22	20	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	22 U	0.6	22	20	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Acetone	22 U	7	22	20	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Benzene	5.5 U	0.25	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Bromochloromethane	5.5 U	0.79	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Bromodichloromethane	5.5 U	0.31	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Bromoform	5.5 U	0.37	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Bromomethane	5.5 U	0.6	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Carbon Disulfide	5.5 U	0.49	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Carbon Tetrachloride	5.5 U	0.41	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Chlorobenzene	5.5 U	0.37	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Chloroethane	5.5 U	0.95	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Chloroform	5.5 U	0.32	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Chloromethane	5.5 U	0.45	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	cis-1,3-Dichloropropene	5.5 U	0.38	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Dibromochloromethane	5.5 U	0.61	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Ethylbenzene	5.5 U	0.29	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Methylene Chloride	5.5 U	0.74	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Styrene	5.5 U	0.17	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Tetrachloroethene (PCE)	5.5 U	0.58	5.5	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Toluene	1.7 J	0.3	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	trans-1,3-Dichloropropene	5.5 U	0.6	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Trichloroethene (TCE)	5.5 U	0.47	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Vinyl Chloride	5.5 U	0.43	5.5	5	UG/KG
SW8260B/NONE	076SB-0100M-0001-SO	N	1	Xylenes, Total	11 U	0.74	11	10	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,1,1-Trichloroethane	5.1 U	0.57	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,1,2-Trichloroethane	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,1-Dichloroethane	5.1 U	0.37	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,1-Dichloroethene	5.1 U	0.53	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.1 U	0.51	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,2-Dichloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.79	10	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	1,2-Dichloropropane	5.1 U	0.71	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	2-Butanone (MEK)	21 U	1.4	21	20	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	2-Hexanone	21 UJ	0.65	21	20	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 UJ	0.55	21	20	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Acetone	21 U	6.5	21	20	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Benzene	5.1 U	0.24	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Bromochloromethane	5.1 U	0.73	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Bromodichloromethane	5.1 U	0.29	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Bromoform	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Bromomethane	5.1 U	0.55	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Carbon Disulfide	5.1 U	0.45	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Carbon Tetrachloride	5.1 U	0.38	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Chlorobenzene	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Chloroethane	5.1 U	0.88	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Chloroform	5.1 U	0.3	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Chloromethane	5.1 U	0.42	5.1	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0101M-0001-SO	N	1	cis-1,3-Dichloropropene	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Dibromochloromethane	5.1 U	0.56	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Ethylbenzene	5.1 U	0.27	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Methylene Chloride	5.1 U	0.69	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Styrene	5.1 U	0.15	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Tetrachloroethene (PCE)	5.1 U	0.53	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Toluene	1.1 J	0.28	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	trans-1,3-Dichloropropene	5.1 U	0.55	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Trichloroethene (TCE)	5.1 U	0.43	5.1	5	UG/KG
SW8260B/NONE	076SB-0101M-0001-SO	N	1	Vinyl Chloride	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,1,1-Trichloroethane	5.6 U	0.63	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.6 U	0.38	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,1,2-Trichloroethane	5.6 U	0.44	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,1-Dichloroethane	5.6 U	0.4	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,1-Dichloroethene	5.6 U	0.58	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.6 U	0.56	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,2-Dichloroethane	5.6 U	0.38	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,2-Dichloroethene	11 U	0.86	11	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	1,2-Dichloropropane	5.6 U	0.77	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	2-Butanone (MEK)	22 U	1.6	22	20	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	2-Hexanone	22 UJ	0.7	22	20	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	22 UJ	0.6	22	20	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Acetone	22 U	7	22	20	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Benzene	5.6 U	0.26	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Bromochloromethane	5.6 U	0.79	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Bromodichloromethane	5.6 U	0.31	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Bromoform	5.6 U	0.37	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Bromomethane	5.6 U	0.6	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Carbon Disulfide	5.6 U	0.49	5.6	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Carbon Tetrachloride	5.6 U	0.41	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Chlorobenzene	5.6 U	0.37	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Chloroethane	5.6 U	0.96	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Chloroform	5.6 U	0.32	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Chloromethane	5.6 U	0.46	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	cis-1,3-Dichloropropene	5.6 U	0.38	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Dibromochloromethane	5.6 U	0.62	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Ethylbenzene	5.6 U	0.29	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Methylene Chloride	5.6 U	0.75	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Styrene	5.6 U	0.17	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Tetrachloroethene (PCE)	5.6 U	0.58	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Toluene	1.7 J	0.3	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	trans-1,3-Dichloropropene	5.6 U	0.6	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Trichloroethene (TCE)	5.6 U	0.47	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Vinyl Chloride	5.6 U	0.44	5.6	5	UG/KG
SW8260B/NONE	076SB-0102M-0001-SO	N	1	Xylenes, Total	11 U	0.75	11	10	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,1,1-Trichloroethane	5.4 U	0.6	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	5.4 U	0.37	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,1,2-Trichloroethane	5.4 U	0.42	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,1-Dichloroethane	5.4 U	0.39	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,1-Dichloroethene	5.4 U	0.56	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	5.4 U	0.54	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,2-Dichloroethane	5.4 U	0.37	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,2-Dichloroethene	11 U	0.83	11	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	1,2-Dichloropropane	5.4 U	0.75	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	2-Butanone (MEK)	22 U	1.5	22	20	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	2-Hexanone	22 U	0.68	22	20	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	22 U	0.58	22	20	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Acetone	22 U	6.8	22	20	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Benzene	5.4 U	0.25	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Bromochloromethane	5.4 U	0.77	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Bromodichloromethane	5.4 U	0.3	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Bromoform	5.4 U	0.36	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Bromomethane	5.4 U	0.58	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Carbon Disulfide	5.4 U	0.48	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Carbon Tetrachloride	5.4 U	0.4	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Chlorobenzene	5.4 U	0.36	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Chloroethane	5.4 U	0.93	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Chloroform	5.4 U	0.31	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Chloromethane	5.4 U	0.44	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	cis-1,3-Dichloropropene	5.4 U	0.37	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Dibromochloromethane	5.4 U	0.59	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Ethylbenzene	5.4 U	0.28	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Methylene Chloride	5.4 U	0.72	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Styrene	5.4 U	0.16	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Tetrachloroethene (PCE)	5.4 U	0.56	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Toluene	1.5 J	0.29	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	trans-1,3-Dichloropropene	5.4 U	0.58	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Trichloroethene (TCE)	5.4 U	0.45	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Vinyl Chloride	5.4 U	0.42	5.4	5	UG/KG
SW8260B/NONE	076SB-0103M-0001-SO	FD	1	Xylenes, Total	11 U	0.72	11	10	UG/KG
SW8260B/NONE	076SB-0104M-0001-SO	N	1	1,2-Dichloroethene	9.5 U	0.73	9.5	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,1,1-Trichloroethane	5.8 U	0.64	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,1,2-Trichloroethane	5.8 U	0.45	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,1-Dichloroethane	5.8 U	0.41	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,1-Dichloroethene	5.8 U	0.6	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	5.8 U	0.58	5.8	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,2-Dichloroethane	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,2-Dichloroethene	12 U	0.89	12	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	1,2-Dichloropropane	5.8 U	0.79	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	2-Butanone (MEK)	23 U	1.6	23	20	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	2-Hexanone	23 U	0.72	23	20	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	23 U	0.62	23	20	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Acetone	23 U	7.2	23	20	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Benzene	5.8 U	0.26	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Bromochloromethane	5.8 U	0.82	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Bromodichloromethane	5.8 U	0.32	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Bromoform	5.8 U	0.38	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Bromomethane	5.8 U	0.62	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Carbon Disulfide	5.8 U	0.51	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Carbon Tetrachloride	5.8 U	0.43	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Chlorobenzene	5.8 U	0.38	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Chloroethane	5.8 U	0.99	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Chloroform	5.8 U	0.33	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Chloromethane	5.8 U	0.47	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	cis-1,3-Dichloropropene	5.8 U	0.39	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Dibromochloromethane	5.8 U	0.63	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Ethylbenzene	5.8 U	0.3	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Methylene Chloride	5.8 U	0.77	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Styrene	5.8 U	0.17	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Tetrachloroethene (PCE)	5.8 U	0.6	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Toluene	1.5 J	0.31	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	trans-1,3-Dichloropropene	5.8 U	0.62	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Trichloroethene (TCE)	5.8 U	0.48	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Vinyl Chloride	5.8 U	0.45	5.8	5	UG/KG
SW8260B/NONE	076SB-0105M-0001-SO	FD	1	Xylenes, Total	12 U	0.77	12	10	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0106M-0001-SO	N	1	1,2-Dichloroethene	9.4 U	0.73	9.4	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,1,1-Trichloroethane	5.2 U	0.58	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,1,2-Trichloroethane	5.2 U	0.4	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,1-Dichloroethane	5.2 U	0.37	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,1-Dichloroethene	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	5.2 U	0.52	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,2-Dichloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,2-Dichloroethene	10 U	0.8	10	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	1,2-Dichloropropane	5.2 U	0.71	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	2-Butanone (MEK)	21 U	1.4	21	20	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	2-Hexanone	21 U	0.65	21	20	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Acetone	21 U	6.5	21	20	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Benzene	5.2 U	0.24	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Bromochloromethane	5.2 U	0.73	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Bromodichloromethane	5.2 U	0.29	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Bromoform	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Bromomethane	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Carbon Disulfide	5.2 U	0.46	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Carbon Tetrachloride	5.2 U	0.38	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Chlorobenzene	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Chloroethane	5.2 U	0.89	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Chloroform	5.2 U	0.3	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Chloromethane	5.2 U	0.42	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	cis-1,3-Dichloropropene	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Dibromochloromethane	5.2 U	0.57	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Methylene Chloride	5.2 U	0.69	5.2	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Styrene	5.2 U	0.16	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Tetrachloroethene (PCE)	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Toluene	1 J	0.28	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	trans-1,3-Dichloropropene	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Trichloroethene (TCE)	5.2 U	0.43	5.2	5	UG/KG
SW8260B/NONE	076SB-0107M-0001-SO	FD	1	Vinyl Chloride	5.2 U	0.4	5.2	5	UG/KG
SW8260B/NONE	076SB-0108M-0001-SO	N	1	1,2-Dichloroethene	8.9 U	0.68	8.9	5	UG/KG
SW8260B/NONE	076SB-0109M-0001-SO	N	1	1,2-Dichloroethene	7.9 U	0.61	7.9	5	UG/KG
SW8260B/NONE	076SB-0110M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.78	10	5	UG/KG
SW8260B/NONE	076SB-0111M-0001-SO	FD	1	1,2-Dichloroethene	9.3 U	0.72	9.3	5	UG/KG
SW8260B/NONE	076SB-0112M-0001-SO	N	1	1,2-Dichloroethene	8.7 U	0.67	8.7	5	UG/KG
SW8260B/NONE	076SB-0113M-0001-SO	FD	1	1,2-Dichloroethene	9.1 UJ	0.7	9.1	5	UG/KG
SW8260B/NONE	076SB-0114M-0001-SO	N	1	1,2-Dichloroethene	9.6 U	0.74	9.6	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,1,1-Trichloroethane	5.2 U	0.58	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,1,2-Trichloroethane	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,1-Dichloroethane	5.2 U	0.38	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,1-Dichloroethene	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	5.2 U	0.52	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,2-Dichloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,2-Dichloroethene	10 U	0.8	10	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	1,2-Dichloropropane	5.2 U	0.72	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	2-Butanone (MEK)	21 U	1.5	21	20	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	2-Hexanone	21 U	0.66	21	20	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Acetone	21 U	6.6	21	20	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Benzene	5.2 U	0.24	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Bromochloromethane	5.2 U	0.74	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Bromodichloromethane	5.2 U	0.29	5.2	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Bromoform	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Bromomethane	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Carbon Disulfide	5.2 U	0.46	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Carbon Tetrachloride	5.2 U	0.39	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Chlorobenzene	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Chloroethane	5.2 U	0.9	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Chloroform	5.2 U	0.3	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Chloromethane	5.2 U	0.43	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	cis-1,3-Dichloropropene	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Dibromochloromethane	5.2 U	0.57	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Methylene Chloride	1.7 J	0.7	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Styrene	5.2 U	0.16	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Tetrachloroethene (PCE)	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Toluene	1.5 J	0.28	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	trans-1,3-Dichloropropene	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Trichloroethene (TCE)	5.2 U	0.44	5.2	5	UG/KG
SW8260B/NONE	076SB-0115M-0001-SO	FD	1	Vinyl Chloride	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	076SB-0116M-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0117M-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0118M-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0063-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0063-0001-SO	N	1	Carbazole	57 U	31	57	50	UG/KG
SW8270C/NONE	072SB-0063-0001-SO	N	1	Cresols, m & p	450 U	23	450	300	UG/KG
SW8270C/NONE	072SB-0063-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	31	370	330	UG/KG
SW8270C/NONE	072SB-0064-0001-SO	FD	1	Benzyl alcohol	370 U	23	370	330	UG/KG
SW8270C/NONE	072SB-0064-0001-SO	FD	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0064-0001-SO	FD	1	Cresols, m & p	450 U	22	450	300	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0064-0001-SO	FD	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG
SW8270C/NONE	072SB-0065-0001-SO	N	1	Benzyl alcohol	370 U	23	370	330	UG/KG
SW8270C/NONE	072SB-0065-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0065-0001-SO	N	1	Cresols, m & p	450 U	22	450	300	UG/KG
SW8270C/NONE	072SB-0065-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG
SW8270C/NONE	072SB-0066-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0066-0001-SO	N	1	Carbazole	57 U	31	57	50	UG/KG
SW8270C/NONE	072SB-0066-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0066-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2,4,6-Trichlorophenol	660 U	350	660	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2,4-Dichlorophenol	660 UJ	89	660	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2,4-Dimethylphenol	660 U	89	660	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2,4-Dinitrophenol	1500 U	350	1500	800	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2,4-Dinitrotoluene	890 U	120	890	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2,6-Dinitrotoluene	890 U	93	890	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2-Methylphenol (o-Cresol)	890 U	350	890	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	2-Nitroaniline	890 U	40	890	800	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	3,3'-Dichlorobenzidine	440 R	80	440	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	3-Nitroaniline	890 U	71	890	800	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	4-Chloro-3-Methylphenol	660 U	93	660	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	4-Chloroaniline	660 U	75	660	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	4-Nitroaniline	890 U	120	890	800	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	4-Nitrophenol	1500 U	350	1500	800	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	Benzoic acid	2900 R	1500	2900	800	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	Benzyl alcohol	1500 U	93	1500	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	bis(2-Chloroethoxy) Methane	440 U	97	440	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	440 U	8.9	440	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	bis(2-Chloroisopropyl) Ether	440 U	42	440	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	Carbazole	220 U	120	220	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0067-0001-SO	N	4	Cresols, m & p	1800 U	89	1800	300	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	Hexachlorocyclopentadiene	1500 U	120	1500	330	UG/KG
SW8270C/NONE	072SB-0067-0001-SO	N	4	Nitrobenzene	440 U	9.7	440	330	UG/KG
SW8270C/NONE	072SB-0068-0001-SO	N	1	Benzyl alcohol	360 U	23	360	330	UG/KG
SW8270C/NONE	072SB-0068-0001-SO	N	1	Carbazole	55 U	29	55	50	UG/KG
SW8270C/NONE	072SB-0068-0001-SO	N	1	Cresols, m & p	440 U	22	440	300	UG/KG
SW8270C/NONE	072SB-0068-0001-SO	N	1	Hexachlorocyclopentadiene	360 U	29	360	330	UG/KG
SW8270C/NONE	076SB-0090M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0091M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0092M-0001-SO	N	1	Cresols, m & p	390 U	20	390	300	UG/KG
SW8270C/NONE	076SB-0093M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0094M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0095M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0096M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0097M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0098M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0099M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0099M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	076SB-0100M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0101M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0102M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0103M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0104M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0105M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0106M-0001-SO	N	1	Cresols, m & p	400 UJ	20	400	300	UG/KG
SW8270C/NONE	076SB-0107M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0108M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0109M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0110M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0111M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	1,2,4-Trichlorobenzene	990 U	530	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	1,2-Dichlorobenzene	990 U	190	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	1,3-Dichlorobenzene	990 U	220	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	1,4-Dichlorobenzene	990 U	390	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2,4,5-Trichlorophenol	3000 U	490	3000	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2,4,6-Trichlorophenol	3000 U	1600	3000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2,4-Dichlorophenol	3000 UJ	390	3000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2,4-Dimethylphenol	3000 U	390	3000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2,4-Dinitrophenol	6500 U	1600	6500	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2,4-Dinitrotoluene	3900 U	530	3900	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2,6-Dinitrotoluene	3900 U	410	3900	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2-Chloronaphthalene	990 U	65	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2-Chlorophenol	990 U	530	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2-Methylphenol (o-Cresol)	3900 U	1600	3900	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2-Nitroaniline	3900 U	180	3900	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	2-Nitrophenol	990 U	530	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	3,3'-Dichlorobenzidine	2000 R	360	2000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	3-Nitroaniline	3900 U	320	3900	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	4,6-Dinitro-2-Methylphenol	3000 U	1600	3000	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	4-Bromophenyl phenyl ether	990 U	260	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	4-Chloro-3-Methylphenol	3000 U	410	3000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	4-Chloroaniline	3000 U	340	3000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	4-Chlorophenyl Phenyl Ether	990 U	260	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	4-Nitroaniline	3900 U	510	3900	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	4-Nitrophenol	6500 U	1600	6500	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Acenaphthene	130 U	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Acenaphthylene	130 U	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Anthracene	130 U	65	130	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzo(a)anthracene	200	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzo(a)pyrene	140	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzo(b)fluoranthene	190	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzo(g,h,i)perylene	120 J	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzo(k)fluoranthene	110 J	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzoic acid	13000 R	6600	13000	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzyl alcohol	6500 U	410	6500	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Benzyl butyl phthalate	990 U	200	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	bis(2-Chloroethoxy) Methane	2000 U	430	2000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	2000 U	39	2000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	bis(2-Chloroisopropyl) Ether	2000 U	190	2000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	bis(2-Ethylhexyl) Phthalate	990 U	370	990	670	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Carbazole	990 U	530	990	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Chrysene	160 J	22	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Cresols, m & p	7900 U	390	7900	300	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Dibenz(a,h)anthracene	130 U	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Dibenzofuran	990 U	65	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Diethyl Phthalate	990 U	320	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Dimethyl Phthalate	990 U	340	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Di-n-Butyl Phthalate	990 U	300	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Di-n-Octylphthalate	990 UJ	530	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Fluoranthene	410	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Fluorene	130 U	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Hexachlorobutadiene	990 U	530	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Hexachlorocyclopentadiene	6500 U	530	6500	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Hexachloroethane	990 U	180	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Indeno(1,2,3-c,d)pyrene	83 J	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Isophorone	990 U	260	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Naphthalene	130 U	65	130	50	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Nitrobenzene	2000 U	43	2000	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	n-Nitrosodi-n-propylamine	990 U	530	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Pentachlorophenol	3000 U	1600	3000	800	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Phenanthrene	280 J	65	130	50	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Phenol	990 U	530	990	330	UG/KG
SW8270C/NONE	076SB-0112M-0001-SO	N	20	Pyrene	330	65	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	1,2,4-Trichlorobenzene	1000 U	540	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	1,2-Dichlorobenzene	1000 U	190	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	1,3-Dichlorobenzene	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	1,4-Dichlorobenzene	1000 U	400	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2,4,5-Trichlorophenol	3000 U	500	3000	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2,4,6-Trichlorophenol	3000 U	1600	3000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2,4-Dichlorophenol	3000 UJ	400	3000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2,4-Dimethylphenol	3000 U	400	3000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2,4-Dinitrophenol	6600 U	1600	6600	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2,4-Dinitrotoluene	4000 U	540	4000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2,6-Dinitrotoluene	4000 U	420	4000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2-Chloronaphthalene	1000 U	66	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2-Chlorophenol	1000 U	540	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2-Methylphenol (o-Cresol)	4000 U	1600	4000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2-Nitroaniline	4000 U	180	4000	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	2-Nitrophenol	1000 U	540	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	3,3'-Dichlorobenzidine	2000 R	360	2000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	3-Nitroaniline	4000 U	320	4000	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	4,6-Dinitro-2-Methylphenol	3000 U	1600	3000	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	4-Bromophenyl phenyl ether	1000 U	260	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	4-Chloro-3-Methylphenol	3000 U	420	3000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	4-Chloroaniline	3000 U	340	3000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	4-Chlorophenyl Phenyl Ether	1000 U	260	1000	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	4-Nitroaniline	4000 U	520	4000	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	4-Nitrophenol	6600 U	1600	6600	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Acenaphthene	130 U	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Acenaphthylene	130 U	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Anthracene	130 U	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzo(a)anthracene	270	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzo(a)pyrene	220	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzo(b)fluoranthene	270	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzo(g,h,i)perylene	140	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzo(k)fluoranthene	110 J	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzoic acid	13000 R	6600	13000	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzyl alcohol	6600 U	420	6600	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Benzyl butyl phthalate	1000 U	200	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	bis(2-Chloroethoxy) Methane	2000 U	440	2000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	2000 U	40	2000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	bis(2-Chloroisopropyl) Ether	2000 U	190	2000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	bis(2-Ethylhexyl) Phthalate	1000 U	380	1000	670	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Carbazole	1000 U	540	1000	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Chrysene	280 J	22	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Cresols, m & p	8000 U	400	8000	300	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Dibenz(a,h)anthracene	130 U	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Dibenzofuran	1000 U	66	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Diethyl Phthalate	1000 U	320	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Dimethyl Phthalate	1000 U	340	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Di-n-Butyl Phthalate	1000 U	300	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Di-n-Octylphthalate	1000 UJ	540	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Fluoranthene	660	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Fluorene	130 U	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Hexachlorobutadiene	1000 U	540	1000	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Reporting Anomalies

SDG Name: 240-18544-1_(72-75-76)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Hexachlorocyclopentadiene	6600 U	540	6600	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Hexachloroethane	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Indeno(1,2,3-c,d)pyrene	120 J	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Isophorone	1000 U	260	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Naphthalene	130 U	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Nitrobenzene	2000 U	44	2000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	n-Nitrosodi-n-propylamine	1000 U	540	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Pentachlorophenol	3000 U	1600	3000	800	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Phenanthrene	470 J	66	130	50	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Phenol	1000 U	540	1000	330	UG/KG
SW8270C/NONE	076SB-0113M-0001-SO	FD	20	Pyrene	510	66	130	50	UG/KG
SW8270C/NONE	076SB-0114M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0115M-0001-SO	FD	1	Cresols, m & p	390 U	20	390	300	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Worksheet

SDG Name: 240-18544-1_(72-75-76)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y		1.3 ppm NC detected	
Was a field blank collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a duplicate sample prepared and analyzed with each batch?	Y			
Was the duplicate RPD within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Method: M8015D

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Method: M8015V

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Method: SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Common metals – no qualifications
Was a field blank collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?			NA	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	Y			
Was the ICS recovery within QAPP acceptance limits?	Y			
If a field duplicate was analyzed, were the RPDs within criteria?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD within QAPP acceptance limits?		N		
Was a serial dilution prepared and analyzed with each batch?	Y			
Was the serial dilution within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Method: SW7471A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?		N		1- Sample >HT
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?		N		
Was a field blank collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?			NA	
Was the ICS recovery within QAPP acceptance limits?	Y			
If a field duplicate was analyzed, were the RPDs within criteria?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Method: SW8081				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		N		
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?		N		
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
Were surrogate recoveries within QAPP acceptance limits?		N		
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Y			
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Were the Breakdown products within QAPP acceptance limits?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N		
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?		N		
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: SW8082				
Review Questions	Yes	No	NA	Comment

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Did Chain-of-Custody information agree with laboratory report?	Y	
Were samples preserved properly and received in good condition?	Y	
Were sample receipt temperatures met?	Y	
Were holding times for prep and analysis met?	Y	
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y	
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Was the CCV %D within criteria (%D =20%)?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	N	
Was a field blank (equipment or trip) collected and analyzed?		NA
Were target analytes reported in the field blank analyses above the MDL?		NA
Were surrogate recoveries within QAPP acceptance limits?		N (select arochlors)
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y	
Were the LCS recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		NA
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y	
Were the Breakdown products within QAPP acceptance limits?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?	Y	
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	
Were instrument run logs present and filled out appropriately?	Y	

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Method: SW8260B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y			
Were the retention times for all IS compounds within QAPP acceptance limits?	Y			
Are the area counts of all IS compounds within QAPP acceptance limits?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			Methyl ketones
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		NA
Was the duplicate RPD within QAPP acceptance limits?	Y	
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were surrogate recoveries within QAPP acceptance limits?	Y	
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?		N		Select SVOCs qualified
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1 (72-75-76)

Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y			
Were the retention times for all IS compounds within QAPP acceptance limits?	Y			
Are the area counts of all IS compounds within QAPP acceptance limits?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			2-BEHP
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y			
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits?			NA	
Was the duplicate RPD within QAPP acceptance limits?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were surrogate recoveries within QAPP acceptance limits?	Y			
Were reported sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were instrument run logs present and filled out appropriately?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18544-1_(72-75-76)

Were holding times for prep and analysis met?	Y	
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y	
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Was the CCV %D within criteria (%D =20%)?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	
Was a field blank (equipment or trip) collected and analyzed?	N	
Were target analytes reported in the field blank analyses above the MDL?		NA
Were surrogate recoveries within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y	
Were the LCS recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		NA
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?	Y	
Did PDA spectra for reported compounds match associated standard spectra?		NA
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	
Were instrument run logs present and filled out appropriately?	Y	

WORKSHEET 6

Automated Data Review Summary for 240-18581-1

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AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor: ECC

SDG: 240-18581-1_(70-72-SB), Certified - 1/8/2013 by MarliciaJauregui

QC Level: ADR

Project Manager:

Data Reviewer: Veronica Champagne

Data Reviewer Title: Senior QA Chemist

Date of Review Report: January 11, 2013

Samples Included in SDG 240-18581-1_(70-72-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	3		0	
M8015D/NONE	10		1	
M8015V/NONE	9		1	
SW6020/NONE	19		1	
SW7471A/NONE	19		1	
SW8081/NONE	3		0	
SW8082/NONE	10		1	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8151/NONE	1		1	
SW8260B/NONE	12	2	1	0
SW8270C/NONE	19		3	
SW8330B/NONE	3		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18581-1_(70-72-SB). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- LCS RPD
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

- Equipment Blank
- Field Blank
- Initial Calibration Verification
- Lab Replicate RPD
- Material Blank
- Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 311 results (15.78%) out of the 1971 results (sample and field QC samples) reported are qualified based on review and 23 results (1.17%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

M8015V	
SW6020	
SW7471A	
SW8081	
SW8082	
SW8151	
SW8260B	
SW8270C	
SW8330B	

Reviewed by Veronica Champagne, Senior QA Chemist

11-Jan-2013

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
M	MS Recovery
N	Blank - No Action
O	ICS
P	Sample preservation/collection requirement not met.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reason and Comment Code Definitions

P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

Flag Code and Definitions

Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
8137	7638	NA	LABQC	SQ	LABQC	MB 320-7571/1-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:16 PM	LB
	7638	NA	LABQC	SQ	LABQC	LCS 320-7571/2-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:18 PM	BS
	7638	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:10 PM	N
	7638	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:12 PM	N
	7638	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:14 PM	N

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69606	69404	NA	LABQC	SQ	LABQC	MB 240-69404/17-A		1/1	19-Dec-2012 11:57 AM	19-Dec-2012 11:57 AM	21-Dec-2012 2:36 AM	LB
	69404	NA	LABQC	SQ	LABQC	LCS 240-69404/18-A		1/1	19-Dec-2012 11:57 AM	19-Dec-2012 11:57 AM	21-Dec-2012 3:06 AM	BS
	69404	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	19-Dec-2012 11:57 AM	21-Dec-2012 5:06 AM	N
	69404	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	19-Dec-2012 11:57 AM	21-Dec-2012 5:36 AM	N
	69404	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	19-Dec-2012 11:57 AM	21-Dec-2012 6:07 AM	N
	69404	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	19-Dec-2012 11:57 AM	21-Dec-2012 6:36 AM	N
	69404	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	19-Dec-2012 11:57 AM	21-Dec-2012 7:07 AM	N
	69404	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	19-Dec-2012 11:57 AM	21-Dec-2012 8:06 AM	N
	69404	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	19-Dec-2012 11:57 AM	21-Dec-2012 8:36 AM	N
	69404	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	19-Dec-2012 11:57 AM	21-Dec-2012 9:06 AM	N
	69404	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	19-Dec-2012 11:57 AM	21-Dec-2012 11:40 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70013	69404	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 11:57 AM	24-Dec-2012 2:46 PM	N
	69404	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 11:57 AM	24-Dec-2012 3:16 PM	MS
	69404	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	19-Dec-2012 11:57 AM	24-Dec-2012 3:46 PM	SD
70006	69794	NA	LABQC	SQ	LABQC	MB 240-69794/6-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 1:37 AM	LB
	69794	NA	LABQC	SQ	LABQC	LCS 240-69794/7-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 2:16 AM	BS
	69794	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/5	07-Dec-2012 11:45 AM	21-Dec-2012 11:38 AM	25-Dec-2012 2:55 AM	FD
	69794	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/5	07-Dec-2012 11:45 AM	21-Dec-2012 11:38 AM	25-Dec-2012 3:34 AM	FD

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69540	NA	NA	LABQC	SQ	LABQC	MB 240-69540/24		1/1	21-Dec-2012 12:32 AM		21-Dec-2012 12:32 AM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-69540/25		1/1	21-Dec-2012 1:10 AM		21-Dec-2012 1:10 AM	BS
	69633	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	21-Dec-2012 1:48 AM	FD
	69633	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	08-Dec-2012 5:30 PM	21-Dec-2012 2:26 AM	N
	69633	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	08-Dec-2012 5:30 PM	21-Dec-2012 3:04 AM	N
	69633	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	08-Dec-2012 5:30 PM	21-Dec-2012 3:42 AM	N
	69633	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	08-Dec-2012 5:30 PM	21-Dec-2012 4:20 AM	N
	69633	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	08-Dec-2012 5:30 PM	21-Dec-2012 4:58 AM	N
	69633	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	08-Dec-2012 5:30 PM	21-Dec-2012 5:36 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69540	69633	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	08-Dec-2012 5:30 PM	21-Dec-2012 6:51 AM	N
	69633	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	08-Dec-2012 5:30 PM	21-Dec-2012 7:29 AM	N
	69633	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	08-Dec-2012 5:30 PM	21-Dec-2012 8:07 AM	N
Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59694	59183	NA	LABQC	SQ	LABQC	MB 180-59183/1-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:33 PM	LB
	59183	NA	LABQC	SQ	LABQC	LCS 180-59183/2-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:37 PM	BS
	59183	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:57 AM	N
	59183	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:01 AM	N
	59183	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:06 AM	N
	59183	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:10 AM	N
	59183	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:30 AM	N
	59183	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:34 AM	N
	59183	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:38 AM	N
	59183	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:43 AM	N
	59183	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:47 AM	N
	59314	NA	LABQC	SQ	LABQC	MB 180-59314/1-A		1/1	24-Dec-2012 11:01 AM	24-Dec-2012 11:01 AM	29-Dec-2012 1:59 AM	LB
	59314	NA	LABQC	SQ	LABQC	LCS 180-59314/2-A		1/1	24-Dec-2012 11:01 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:03 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59694	59314	NA	LABQC	SQ	LABQC	LCS D 180-59314/3-A		1/1	24-Dec-2012 11:01 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:08 AM	BD
	59314	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:32 AM	N
	59314	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:36 AM	N
	59314	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:45 AM	N
	59314	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6		1/1	07-Dec-2012 10:50 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:49 AM	FD
	59314	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17		1/1	07-Dec-2012 10:22 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:53 AM	N
	59314	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18		1/1	07-Dec-2012 10:23 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:58 AM	N
	59314	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19		1/1	07-Dec-2012 9:25 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:02 AM	N
	59314	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20		1/1	07-Dec-2012 9:45 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:06 AM	N
	59314	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/1	07-Dec-2012 10:00 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:11 AM	N
	59314	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22		1/1	07-Dec-2012 10:18 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:33 AM	N
	59314	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23		1/1	07-Dec-2012 10:25 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:37 AM	N
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69324	69021	NA	LABQC	SQ	LABQC	MB 240-69021/1-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:17 AM	LB
	69021	NA	LABQC	SQ	LABQC	LCS 240-69021/2-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:19 AM	BS
	69021	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:27 AM	N
	69021	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:29 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69324	69021	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:37 AM	N
	69021	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:43 AM	N
	69021	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:45 AM	N
	69021	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:47 AM	N
	69021	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:51 AM	N
	69021	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:03 PM	N
	69021	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:07 PM	N
70191	69805	NA	LABQC	SQ	LABQC	MB 240-69805/1-A		1/1	21-Dec-2012 2:10 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:48 PM	LB
	69805	NA	LABQC	SQ	LABQC	LCS 240-69805/2-A		1/1	21-Dec-2012 2:10 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:50 PM	BS
	69805	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:03 PM	N
	69805	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:07 PM	N
	69805	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18		1/1	07-Dec-2012 10:23 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:08 PM	N
	69805	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6		1/1	07-Dec-2012 10:50 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:14 PM	FD
	69805	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23		1/1	07-Dec-2012 10:25 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:16 PM	N
	69805	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/1	07-Dec-2012 10:00 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:18 PM	N
	69805	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17		1/1	07-Dec-2012 10:22 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:26 PM	N
	69805	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:28 PM	N
	69805	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22		1/1	07-Dec-2012 10:18 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:30 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70191	69805	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20		1/1	07-Dec-2012 9:45 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:32 PM	N
	69805	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19		1/1	07-Dec-2012 9:25 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:36 PM	N
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69893	69426	NA	LABQC	SQ	LABQC	LCS 240-69426/7-A		1/1	19-Dec-2012 12:53 PM	19-Dec-2012 12:53 PM	22-Dec-2012 7:15 PM	BS
	69426	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/50	07-Dec-2012 11:45 AM	19-Dec-2012 12:53 PM	22-Dec-2012 7:40 PM	N
	69426	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/50	07-Dec-2012 11:45 AM	19-Dec-2012 12:53 PM	22-Dec-2012 8:04 PM	MS
	69426	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/50	07-Dec-2012 11:45 AM	19-Dec-2012 12:53 PM	22-Dec-2012 8:28 PM	SD
	69426	NA	LABQC	SQ	LABQC	MB 240-69426/6-A		1/1	19-Dec-2012 12:53 PM	19-Dec-2012 12:53 PM	22-Dec-2012 10:56 PM	LB
71028	69426	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/50	07-Dec-2012 11:15 AM	19-Dec-2012 12:53 PM	04-Jan-2013 8:21 AM	N
	69426	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/50	07-Dec-2012 10:50 AM	19-Dec-2012 12:53 PM	04-Jan-2013 8:48 AM	N
Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69717	69415	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	19-Dec-2012 12:21 PM	21-Dec-2012 8:56 AM	N
	69415	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	19-Dec-2012 12:21 PM	21-Dec-2012 9:11 AM	N
	69415	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18		1/1	07-Dec-2012 10:23 AM	19-Dec-2012 12:21 PM	21-Dec-2012 10:14 AM	N
	69415	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19		1/1	07-Dec-2012 9:25 AM	19-Dec-2012 12:21 PM	21-Dec-2012 10:30 AM	N
	69415	NA	LABQC	SQ	LABQC	MB 240-69415/23-A		1/1	19-Dec-2012 12:21 PM	19-Dec-2012 12:21 PM	21-Dec-2012 10:46 AM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69717	69415	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20		1/1	07-Dec-2012 9:45 AM	19-Dec-2012 12:21 PM	21-Dec-2012 11:17 AM	N
	69415	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/1	07-Dec-2012 10:00 AM	19-Dec-2012 12:21 PM	21-Dec-2012 11:33 AM	N
	69415	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22		1/1	07-Dec-2012 10:18 AM	19-Dec-2012 12:21 PM	21-Dec-2012 11:49 AM	N
	69415	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23		1/1	07-Dec-2012 10:25 AM	19-Dec-2012 12:21 PM	21-Dec-2012 12:05 PM	N
	69415	NA	LABQC	SQ	LABQC	LCS 240-69415/24-A		1/1	19-Dec-2012 12:21 PM	19-Dec-2012 12:21 PM	21-Dec-2012 12:20 PM	BS
70556	70113	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	26-Dec-2012 10:28 AM	29-Dec-2012 7:39 PM	N
	70113	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6		1/1	07-Dec-2012 10:50 AM	26-Dec-2012 10:28 AM	29-Dec-2012 7:55 PM	FD
	70113	NA	LABQC	SQ	LABQC	MB 240-70113/18-A		1/1	26-Dec-2012 10:28 AM	26-Dec-2012 10:28 AM	29-Dec-2012 10:01 PM	LB
	70113	NA	LABQC	SQ	LABQC	LCS 240-70113/19-A		1/1	26-Dec-2012 10:28 AM	26-Dec-2012 10:28 AM	30-Dec-2012 12:53 AM	BS
70882	70774	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17		1/1	07-Dec-2012 10:22 AM	31-Dec-2012 1:58 PM	02-Jan-2013 2:44 PM	N
	70774	NA	LABQC	SQ	LABQC	MB 240-70774/19-A		1/1	31-Dec-2012 1:58 PM	31-Dec-2012 1:58 PM	02-Jan-2013 5:05 PM	LB
	70774	NA	LABQC	SQ	LABQC	LCS 240-70774/18-A		1/1	31-Dec-2012 1:58 PM	31-Dec-2012 1:58 PM	02-Jan-2013 7:58 PM	BS
Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69890	69221	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 6:55 PM	N
	69221	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 7:19 PM	MS
	69221	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 7:42 PM	SD
	69221	NA	70-4760-DU5-SB6	SO	070SB-0045M-0001-SO	240-18581-4		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 8:05 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69890	69221	NA	LABQC	SQ	LABQC	MB 240-69221/23-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 3:56 AM	LB
	69221	NA	LABQC	SQ	LABQC	LCS 240-69221/24-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 4:19 AM	BS
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68879	NA	NA	LABQC	SQ	LABQC	LCS 240-68879/6		1/1	15-Dec-2012 6:40 PM		15-Dec-2012 6:40 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68879/7		1/1	15-Dec-2012 7:02 PM		15-Dec-2012 7:02 PM	LB
68905	NA	NA	LABQC	SQ	LABQC	LCS 240-68905/6		1/1	17-Dec-2012 12:47 AM		17-Dec-2012 12:47 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68905/7		1/1	17-Dec-2012 1:09 AM		17-Dec-2012 1:09 AM	LB
68879	68443	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	16-Dec-2012 3:22 AM	FD
68905	68443	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	17-Dec-2012 3:50 AM	N
	68443	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	17-Dec-2012 4:11 AM	MS
	68443	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	17-Dec-2012 4:32 AM	SD
	68443	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	08-Dec-2012 5:30 PM	17-Dec-2012 4:53 AM	N
	68443	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	08-Dec-2012 5:30 PM	17-Dec-2012 5:15 AM	MS
	68443	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	08-Dec-2012 5:30 PM	17-Dec-2012 5:36 AM	SD
	68443	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	08-Dec-2012 5:30 PM	17-Dec-2012 5:57 AM	N
	68443	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	08-Dec-2012 5:30 PM	17-Dec-2012 6:19 AM	MS
	68443	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	08-Dec-2012 5:30 PM	17-Dec-2012 6:40 AM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68905	68443	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	08-Dec-2012 5:30 PM	17-Dec-2012 7:01 AM	N
	68443	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	08-Dec-2012 5:30 PM	17-Dec-2012 7:22 AM	N
	68443	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	08-Dec-2012 5:30 PM	17-Dec-2012 7:44 AM	N
	68443	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	08-Dec-2012 5:30 PM	17-Dec-2012 8:05 AM	N
	68443	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	08-Dec-2012 5:30 PM	17-Dec-2012 8:26 AM	N
	68443	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	08-Dec-2012 5:30 PM	17-Dec-2012 8:47 AM	N
	68443	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	08-Dec-2012 5:30 PM	17-Dec-2012 9:09 AM	N
	68443	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	08-Dec-2012 5:30 PM	17-Dec-2012 9:30 AM	N
	68443	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	08-Dec-2012 5:30 PM	17-Dec-2012 9:51 AM	N
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5		1/1	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	MB 240-68395/6		1/1	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	LB
	68395	NA	72-1103-R88-SB5	WG	072SB-0061-0001-TB	240-18581-12		1/1	07-Dec-2012 8:00 AM	12-Dec-2012 7:19 PM	12-Dec-2012 7:19 PM	N
	68395	NA	70-4740-DU4-SB5	WG	070SB-0055M-0001-TB	240-18581-24		1/1	07-Dec-2012 10:25 AM	12-Dec-2012 7:41 PM	12-Dec-2012 7:41 PM	N
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70417	69432	NA	LABQC	SQ	LABQC	MB 240-69432/23-A		1/1	19-Dec-2012 1:03 PM	19-Dec-2012 1:03 PM	28-Dec-2012 11:25 AM	LB
	69432	NA	LABQC	SQ	LABQC	LCS 240-69432/24-A		1/1	19-Dec-2012 1:03 PM	19-Dec-2012 1:03 PM	28-Dec-2012 11:48 AM	BS
	69432	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19		1/1	07-Dec-2012 9:25 AM	19-Dec-2012 1:03 PM	28-Dec-2012 2:54 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70417	69432	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18		1/1	07-Dec-2012 10:23 AM	19-Dec-2012 1:03 PM	28-Dec-2012 3:17 PM	N
	69432	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17		1/1	07-Dec-2012 10:22 AM	19-Dec-2012 1:03 PM	28-Dec-2012 3:40 PM	N
	69432	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	19-Dec-2012 1:03 PM	28-Dec-2012 4:03 PM	N
	69432	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	19-Dec-2012 1:03 PM	28-Dec-2012 4:27 PM	N
	69432	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	19-Dec-2012 1:03 PM	28-Dec-2012 4:50 PM	N
70582	69432	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	19-Dec-2012 1:03 PM	29-Dec-2012 2:09 PM	N
	69432	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	19-Dec-2012 1:03 PM	29-Dec-2012 2:32 PM	N
	69432	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	19-Dec-2012 1:03 PM	29-Dec-2012 2:56 PM	N
	69432	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	19-Dec-2012 1:03 PM	29-Dec-2012 3:19 PM	N
	69432	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	19-Dec-2012 1:03 PM	29-Dec-2012 3:42 PM	N
	69432	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	19-Dec-2012 1:03 PM	29-Dec-2012 4:05 PM	N
	69432	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 1:03 PM	29-Dec-2012 5:15 PM	FD
	69432	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 5:39 PM	N
	69432	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 6:03 PM	MS
	69432	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 6:26 PM	SD
	69432	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6		1/10	07-Dec-2012 10:50 AM	19-Dec-2012 1:03 PM	29-Dec-2012 6:49 PM	FD
	69432	NA	70-4760-DU5-SB6	SO	070SB-0045M-0001-SO	240-18581-4		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 7:13 PM	FD
	69432	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 1:03 PM	29-Dec-2012 7:36 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70582	69432	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 1:03 PM	29-Dec-2012 8:00 PM	MS
	69432	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 1:03 PM	29-Dec-2012 8:23 PM	SD
	69432	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/10	07-Dec-2012 10:50 AM	19-Dec-2012 1:03 PM	29-Dec-2012 8:46 PM	N
70078	69446	NA	LABQC	SQ	LABQC	MB 240-69446/11-A		1/1	19-Dec-2012 1:55 PM	19-Dec-2012 1:55 PM	26-Dec-2012 10:01 AM	LB
	69446	NA	LABQC	SQ	LABQC	LCS 240-69446/12-A		1/1	19-Dec-2012 1:55 PM	19-Dec-2012 1:55 PM	26-Dec-2012 10:25 AM	BS
	69446	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/10	07-Dec-2012 10:00 AM	19-Dec-2012 1:55 PM	26-Dec-2012 11:35 AM	N
	69446	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/10	07-Dec-2012 10:00 AM	19-Dec-2012 1:55 PM	26-Dec-2012 11:58 AM	MS
	69446	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/10	07-Dec-2012 10:00 AM	19-Dec-2012 1:55 PM	26-Dec-2012 12:21 PM	SD
	69446	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22		1/4	07-Dec-2012 10:18 AM	19-Dec-2012 1:55 PM	26-Dec-2012 12:45 PM	N
	69446	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23		1/4	07-Dec-2012 10:25 AM	19-Dec-2012 1:55 PM	26-Dec-2012 1:08 PM	N
	69446	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20		1/10	07-Dec-2012 9:45 AM	19-Dec-2012 1:55 PM	26-Dec-2012 1:32 PM	N
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7855	7654	NA	LABQC	SQ	LABQC	MB 320-7654/1-A		1/1	20-Dec-2012 9:42 AM	20-Dec-2012 9:42 AM	27-Dec-2012 1:45 AM	LB
	7654	NA	LABQC	SQ	LABQC	LCS 320-7654/2-A		1/1	20-Dec-2012 9:42 AM	20-Dec-2012 9:42 AM	27-Dec-2012 1:59 AM	BS
	7654	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:14 AM	N
	7654	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:28 AM	MS
	7654	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:42 AM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7855	7654	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:57 AM	N
	7654	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	20-Dec-2012 9:42 AM	27-Dec-2012 3:11 AM	N
8012	7655	NA	LABQC	SQ	LABQC	MB 320-7655/1-A		1/1	20-Dec-2012 9:53 AM	20-Dec-2012 9:53 AM	30-Dec-2012 12:33 AM	LB
	7655	NA	LABQC	SQ	LABQC	LCS 320-7655/2-A		1/1	20-Dec-2012 9:53 AM	20-Dec-2012 9:53 AM	30-Dec-2012 1:13 AM	BS
	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		2/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	30-Dec-2012 1:53 AM	N
	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		2/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	30-Dec-2012 2:34 AM	MS
	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		2/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	30-Dec-2012 3:14 AM	SD
	7655	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		2/1	07-Dec-2012 11:15 AM	20-Dec-2012 9:53 AM	30-Dec-2012 3:54 AM	N
	7655	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		2/1	07-Dec-2012 10:50 AM	20-Dec-2012 9:53 AM	30-Dec-2012 4:35 AM	N
8144	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		3/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	03-Jan-2013 2:50 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
E353.2 / METHOD/NONE	Blank	MB 320-7571/1-B (LB) / MB 320-7571/1-B	1 / 1.00	Nitrocellulose	1.3 (MG/KG)	U/None	< 0.78	< 5	L		1	1.31
M8015D / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 1.00	C10-C20 Diesel Range Organics	-48.6 (PERCENT)	J/UJ	10 - 199	10 - 199	M			
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Aluminum	0.52 (MG/KG)	U/None	< 0.28	< 3	L		1	0.515
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.011	< 1	L		1	0.0133
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Calcium	2.8 (MG/KG)	U/None	< 1.3	< 10	L		1	2.78
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Iron	1.1 (MG/KG)	U/None	< 1.1	< 5	L		1	1.12
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Nickel	0.013 (MG/KG)	U/None	< 0.011	< 0.1	L		1	0.0132
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Zinc	0.14 (MG/KG)	U/None	< 0.065	< 0.5	L		1	0.141
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Aluminum	1.1 (MG/KG)	U/None	< 0.27	< 2.9	L		1	1.08
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Barium	0.017 (MG/KG)	U/None	< 0.01	< 0.96	L		1	0.0165
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Calcium	3.1 (MG/KG)	U/None	< 1.3	< 9.6	L		1	3.13
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Copper	0.060 (MG/KG)	U/None	< 0.032	< 0.19	L		1	0.0600
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Iron	2.9 (MG/KG)	U/None	< 1	< 4.8	L		1	2.89
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Magnesium	1.0 (MG/KG)	U/None	< 1	< 9.6	L		1	1.00
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Manganese	0.019 (MG/KG)	U/None	< 0.015	< 0.48	L		1	0.0191
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Zinc	0.18 (MG/KG)	U/None	< 0.062	< 0.48	L		1	0.183
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Aldrin	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Aldrin	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	alpha-BHC (alpha- Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	alpha-BHC (alpha- Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	alpha-Chlordane	0.0000 (PERCENT)	J/R	65 - 120	20 - 120	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	alpha-Chlordane	0.0000 (PERCENT)	J/R	65 - 120	20 - 120	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	beta-BHC (beta- Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	beta-BHC (beta- Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	beta-Endosulfan	0.0000 (PERCENT)	J/R	35 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	beta-Endosulfan	0.0000 (PERCENT)	J/R	35 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	delta-BHC (delta- Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	55 - 130	20 - 130	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	delta-BHC (delta- Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	55 - 130	20 - 130	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Endosulfan Sulfate	0.0000 (PERCENT)	J/R	60 - 135	20 - 135	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Endosulfan Sulfate	0.0000 (PERCENT)	J/R	60 - 135	20 - 135	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Endrin Aldehyde	0.0000 (PERCENT)	J/R	35 - 145	20 - 145	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Endrin Aldehyde	0.0000 (PERCENT)	J/R	35 - 145	20 - 145	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Endrin Ketone	0.0000 (PERCENT)	J/R	65 - 135	20 - 135	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	gamma-BHC (Lindane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	gamma-BHC (Lindane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Heptachlor	0.0000 (PERCENT)	J/R	50 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Heptachlor	0.0000 (PERCENT)	J/R	50 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Heptachlor Epoxide	0.0000 (PERCENT)	J/R	65 - 130	20 - 130	M	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Heptachlor Epoxide	0.0000 (PERCENT)	J/R	65 - 130	20 - 130	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Methoxychlor	0.0000 (PERCENT)	J/R	55 - 145	20 - 145	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Methoxychlor	0.0000 (PERCENT)	J/R	55 - 145	20 - 145	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	p,p'-DDD	0.0000 (PERCENT)	J/R	30 - 135	20 - 135	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	p,p'-DDD	0.0000 (PERCENT)	J/R	30 - 135	20 - 135	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	p,p'-DDT	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	p,p'-DDT	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00	
SW8260B / SW5030B/NONE	Blank	MB 240-68395/6 (LB) / MB 240-68395/6	1 / 1.00	Methylene Chloride	0.69 (UG/L)	U/None	< 0.33	< 1	L		2	1.38
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	2-Hexanone	1.8 (UG/KG)	U/None	< 0.63	< 20	L		1	1.84
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	4-Methyl-2-pentanone (MIBK)	1.0 (UG/KG)	U/None	< 0.54	< 20	L		1	1.04
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	Acetone	7.1 (UG/KG)	U/None	< 6.3	< 20	L		2	14.1
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	Methylene Chloride	1.4 (UG/KG)	U/None	< 0.67	< 5	L		2	2.70
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	2-Hexanone	2.4 (UG/KG)	U/None	< 0.63	< 20	L		1	2.37
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	4-Methyl-2-pentanone (MIBK)	1.4 (UG/KG)	U/None	< 0.54	< 20	L		1	1.41
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	Methylene Chloride	1.7 (UG/KG)	U/None	< 0.67	< 5	L		2	3.46
SW8260B / SW5035/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 1.00	1,1,2,2-Tetrachloroethane	146 (PERCENT)	J/None	55 - 130	20 - 130	M			
SW8260B / SW5035/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 1.00	Ethylbenzene	68.9 (PERCENT)	J/UJ	75 - 125	20 - 125	M			
SW8260B / SW5035/NONE	Surrogate	070SB-0044M-0001-SO (N) / 240-18581-3	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	72.2 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8270C / SW3550/NONE	Blank	MB 240-69432/23-A (LB) / MB 240-69432/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	22.5 (UG/KG)	U/None	< 19	< 50	L		5	113

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	1,2,4-Trichlorobenzene	44.7 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	1,2-Dichlorobenzene	42.4 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	1,2-Dichlorobenzene	44.8 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	1,3-Dichlorobenzene	38.4 (PERCENT)	J/UJ	40 - 100	40 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/UJ	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/UJ	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	2-Methylnaphthalene	39.8 (PERCENT)	J/UJ	45 - 105	45 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/UJ	10 - 100	10 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/UJ	10 - 100	10 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Benzo(g,h,i)perylene	35.8 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Dibenz(a,h)anthracene	35.6 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Fluorene	49.2 (PERCENT)	J/UJ	50 - 110	50 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	n-Nitrosodiphenylamine	193 (PERCENT)	J/None	50 - 115	50 - 115	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	n-Nitrosodiphenylamine	214 (PERCENT)	J/None	50 - 115	50 - 115	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	1,2,4-Trichlorobenzene	43.1 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	1,2,4-Trichlorobenzene	44.2 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	1,2-Dichlorobenzene	41.5 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	1,2-Dichlorobenzene	42.7 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	2,4-Dinitrophenol	131 (PERCENT)	J/None	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/UJ	10 - 100	10 - 100	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Benzo(g,h,i)perylene	35.8 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Benzo(g,h,i)perylene	37.8 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	bis(2-Chloroethoxy) Methane	41.8 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Dibenz(a,h)anthracene	36.9 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Dibenz(a,h)anthracene	37.6 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Indeno(1,2,3-c,d)pyrene	36.3 (PERCENT)	J/UJ	40 - 120	40 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Indeno(1,2,3-c,d)pyrene	39.3 (PERCENT)	J/UJ	40 - 120	40 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/UJ	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	Benzo(a)pyrene	45.8 (PERCENT)	J/UJ	50 - 110	50 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	Surrogate	070SB-0051M-0001-SO (N) / 240-18581-20	1 / 10.00	2-Fluorobiphenyl	43.5 (PERCENT)	J/UJ	45 - 105	10 - 105	I	Diluted Out	2.00	
SW8270C / SW3550/NONE	Surrogate	070SB-0052M-0001-SO (N) / 240-18581-21	1 / 10.00	2,4,6-Tribromophenol	34.1 (PERCENT)	J/UJ	35 - 125	10 - 125	I	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nitrocellulose	45.0	7.5	45.0 U	+	MG/KG	L
E353.2/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Nitrocellulose	41.0	8.3	41.0 U	+	MG/KG	L
E353.2/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Nitrocellulose	47.0	8.2	47.0 U	+	MG/KG	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Silver	0.097	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Selenium	0.49	0.47	0.47 J		MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Silver	0.098	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Selenium	0.49	0.31	0.31 J		MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Silver	0.097	0.026	0.026 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Selenium	0.50	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Silver	0.10	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Cadmium	0.099	0.098	0.098 J		MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Selenium	0.50	0.24	0.24 J		MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Silver	0.099	0.015	0.015 J		MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Thallium	0.099	0.075	0.075 J		MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Selenium	0.50	0.33	0.33 J		MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Silver	0.10	0.018	0.018 J		MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Thallium	0.10	0.074	0.074 J		MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Selenium	0.50	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Silver	0.10	0.017	0.017 J		MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Thallium	0.10	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Selenium	0.50	0.27	0.27 J		MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Silver	0.10	0.020	0.020 J		MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Thallium	0.10	0.097	0.097 J		MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Selenium	0.49	0.24	0.24 J		MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Silver	0.098	0.017	0.017 J		MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Thallium	0.098	0.091	0.091 J		MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Selenium	0.50	0.42	0.42 J		MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Silver	0.099	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Selenium	0.48	0.34	0.34 J		MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Silver	0.096	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Antimony	0.19	0.078	0.078 J		MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Selenium	0.47	0.44	0.44 J		MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Silver	0.094	0.039	0.039 J		MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Antimony	0.22	0.056	0.056 J		MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Selenium	0.54	0.43	0.43 J		MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Silver	0.11	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Antimony	0.17	0.061	0.061 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Selenium	0.43	0.37	0.37 J		MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Silver	0.087	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Antimony	0.21	0.077	0.077 J		MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Selenium	0.52	0.31	0.31 J		MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Silver	0.10	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Antimony	0.20	0.062	0.062 J		MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Selenium	0.49	0.37	0.37 J		MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Silver	0.098	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Antimony	0.19	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Selenium	0.47	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Silver	0.094	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Antimony	0.23	0.065	0.065 J		MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Selenium	0.56	0.38	0.38 J		MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Silver	0.11	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Antimony	0.20	0.069	0.069 J		MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Selenium	0.51	0.34	0.34 J		MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Silver	0.10	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Antimony	0.22	0.060	0.060 J		MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Selenium	0.56	0.42	0.42 J		MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Silver	0.11	0.034	0.034 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Mercury	0.095	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Mercury	0.11	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Mercury	0.088	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Mercury	0.091	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Mercury	0.13	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Mercury	0.11	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Mercury	0.13	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Mercury	0.12	0.019	0.019 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Mercury	0.11	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Mercury	0.12	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Mercury	0.11	0.017	0.017 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Aldrin	200	200	200 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	alpha-BHC (alpha-Hexachlorocyclohexane)	120	120	120 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	alpha-Chlordane	150	150	150 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	alpha-Endosulfan	84.0	84.0	84.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	beta-BHC (beta-Hexachlorocyclohexane)	170	170	170 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	beta-Endosulfan	120	120	120 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	delta-BHC (delta-Hexachlorocyclohexane)	200	200	200 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dieldrin	84.0	84.0	84.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Endosulfan Sulfate	150	150	150 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Endrin	84.0	84.0	84.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Endrin Aldehyde	150	150	150 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	gamma-BHC (Lindane)	120	120	120 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	gamma-Chlordane	84.0	84.0	84.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Heptachlor	170	170	170 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Heptachlor Epoxide	120	120	120 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Methoxychlor	250	250	250 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	p,p'-DDD	99.0	99.0	99.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	p,p'-DDT	99.0	99.0	99.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Toxaphene	3300	3300	3300 UJ		UG/KG	V1/V2
SW8081/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Heptachlor Epoxide	120	120	120 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Toxaphene	3300	3300	3300 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Aldrin	200	200	200 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	alpha-BHC (alpha-Hexachlorocyclohexane)	120	120	120 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	alpha-Chlordane	150	150	150 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	alpha-Endosulfan	84.0	84.0	84.0 R		UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	beta-BHC (beta-Hexachlorocyclohexane)	170	170	170 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	beta-Endosulfan	120	120	120 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	delta-BHC (delta-Hexachlorocyclohexane)	200	200	200 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Dieldrin	84.0	84.0	84.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endosulfan Sulfate	150	150	150 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endrin	84.0	84.0	84.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endrin Aldehyde	150	150	150 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endrin Ketone	99.0	99.0	99.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	gamma-BHC (Lindane)	120	120	120 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	gamma-Chlordane	84.0	84.0	84.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Heptachlor	170	170	170 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Heptachlor Epoxide	120	120	120 R		UG/KG	I/V2
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Methoxychlor	250	250	250 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	p,p'-DDD	99.0	99.0	99.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	p,p'-DDE	84.0	84.0	84.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	p,p'-DDT	99.0	99.0	99.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Toxaphene	3300	3300	3300 R		UG/KG	I/V2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	H2

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	H2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	MCPA	8000	8000	8000 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	MCPP	8000	8000	8000 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	MCPA	7900	7900	7900 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	MCPP	7900	7900	7900 UJ		UG/KG	V2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Butanone (MEK)	18.0	6.2	6.2 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Hexanone	18.0	18.0	18.0 UJ		UG/KG	J
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzene	4.5	0.73	0.73 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Toluene	4.5	2.7	2.7 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2-Butanone (MEK)	21.0	5.5	5.5 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acetone	21.0	27.0	21.0 U	+	UG/KG	L
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzene	5.4	0.84	0.84 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Ethylbenzene	5.4	4.7	4.7 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Methylene Chloride	5.4	1.8	5.4 U	+	UG/KG	L/T
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Toluene	5.4	1.9	1.9 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1,1-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1,2,2-Tetrachloroethane	5.7	5.7	5.7 UJ		UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1,2-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1-Dichloroethene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dibromoethane (EDB)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dichloropropane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2-Butanone (MEK)	23.0	12.0	12.0 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2-Hexanone	23.0	1.8	23.0 U		UG/KG	I/J/L
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	4-Methyl-2-pentanone (MIBK)	23.0	1.3	23.0 U		UG/KG	I/L
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Acetone	23.0	41.0	41.0 J	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Benzene	5.7	1.3	1.3 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromodichloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromoform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromomethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Carbon Disulfide	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Carbon Tetrachloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chlorobenzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chloroform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	cis-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Dibromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Ethylbenzene	5.7	1.8	1.8 J	-	UG/KG	M/I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Methylene Chloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Styrene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	tert-Butyl Methyl Ether (MTBE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Tetrachloroethene (PCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Toluene	5.7	3.3	3.3 J	-	UG/KG	I/TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	trans-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Trichloroethene (TCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Vinyl Chloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2-Butanone (MEK)	21.0	4.6	4.6 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2-Hexanone	21.0	2.3	21.0 U		UG/KG	J/L
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	4-Methyl-2-pentanone (MIBK)	21.0	1.0	21.0 U		UG/KG	L
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Acetone	21.0	19.0	19.0 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Benzene	5.2	0.40	0.40 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Carbon Disulfide	5.2	0.63	0.63 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Methylene Chloride	5.2	8.0	5.2 U	+	UG/KG	L/T/J
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Toluene	5.2	2.5	2.5 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Toluene	4.8	1.9	1.9 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Toluene	4.8	1.9	1.9 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Toluene	4.4	1.3	1.3 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Toluene	4.1	1.2	1.2 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Toluene	4.4	1.4	1.4 J		UG/KG	TR
SW8260B/NONE	WG	072SB-0061-0001-TB	240-18581-12	N	Methylene Chloride	1.0	0.35	1.0 U	+	UG/L	L
SW8260B/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Toluene	4.3	1.1	1.1 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Toluene	4.1	1.2	1.2 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Toluene	4.4	1.0	1.0 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Toluene	4.5	1.0	1.0 J		UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Methylnaphthalene	66.0	680	680 J	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	4-Chloroaniline	1500	1500	1500 R	-	UG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(a)pyrene	66.0	41.0	41.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(b)fluoranthene	66.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(g,h,i)perylene	66.0	57.0	57.0 J	-	UG/KG	TR/J/M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Chrysene	66.0	190	190 J		UG/KG	d
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dibenz(a,h)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dibenzofuran	500	250	250 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Di-n-Butyl Phthalate	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluoranthene	66.0	170	170 J		UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluorene	66.0	650	650 J	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Naphthalene	66.0	50.0	50.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acenaphthylene	66.0	61.0	61.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(a)pyrene	66.0	51.0	51.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(b)fluoranthene	66.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(g,h,i)perylene	66.0	66.0	66.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Chrysene	66.0	98.0	98.0 J		UG/KG	d
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Dibenzofuran	490	180	180 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Di-n-Butyl Phthalate	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Fluoranthene	66.0	120	120 J		UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Naphthalene	66.0	51.0	51.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	n-Nitrosodiphenylamine	490	490	490 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2,4-Trichlorobenzene	510	510	510 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dichlorobenzene	510	510	510 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	4-Chloroaniline	1500	1500	1500 R	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J/M

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Di-n-Butyl Phthalate	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Indeno(1,2,3-c,d)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	n-Nitrosodiphenylamine	510	510	510 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Di-n-Butyl Phthalate	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Phenanthrene	67.0	45.0	45.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Di-n-Butyl Phthalate	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2-Methylnaphthalene	67.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Di-n-Butyl Phthalate	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Di-n-Butyl Phthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Fluoranthene	6.6	6.6	6.6 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Naphthalene	6.6	3.9	3.9 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	2-Methylnaphthalene	6.8	5.2	5.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	bis(2-Ethylhexyl) Phthalate	51.0	29.0	51.0 U	+	UG/KG	L
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Dibenzofuran	51.0	3.8	3.8 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Di-n-Butyl Phthalate	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluoranthene	6.8	7.9	7.9 J		UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluorene	6.8	3.4	3.4 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Naphthalene	6.8	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Pyrene	6.8	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2-Methylnaphthalene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Acenaphthene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Acenaphthylene	67.0	67.0	67.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Anthracene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(a)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(a)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(b)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(k)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzyl butyl phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Ethylhexyl) Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Carbazole	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Chrysene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Dibenzofuran	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Diethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Dimethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Di-n-Butyl Phthalate	500	500	500 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Di-n-Octylphthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Fluorene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachlorobenzene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachloroethane	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Indeno(1,2,3-c,d)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Isophorone	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Naphthalene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Phenanthrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2-Methylnaphthalene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Acenaphthene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Acenaphthylene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Anthracene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(a)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(a)pyrene	66.0	66.0	66.0 UJ	-	UG/KG	I/M
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(b)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(g,h,i)perylene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(k)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzyl butyl phthalate	500	500	500 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Ethylhexyl) Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Carbazole	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Chrysene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Dibenz(a,h)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Dibenzofuran	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Diethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Dimethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Di-n-Butyl Phthalate	500	500	500 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Di-n-Octylphthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Fluorene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachlorobenzene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachloroethane	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Indeno(1,2,3-c,d)pyrene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Isophorone	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Naphthalene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Phenanthrene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Pyrene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	2,4-Dichlorophenol	600	600	600 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Di-n-Butyl Phthalate	200	200	200 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Fluoranthene	27.0	27.0	27.0 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	2,4-Dichlorophenol	590	590	590 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Di-n-Butyl Phthalate	200	200	200 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Fluoranthene	26.0	26.0	26.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Benzyl butyl phthalate	51.0	16.0	16.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	bis(2-Ethylhexyl) Phthalate	61.0	61.0	61.0 U	+	UG/KG	L
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Di-n-Butyl Phthalate	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Fluoranthene	6.7	7.7	7.7 J		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Fluoranthene	7.7	7.7	7.7 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Fluoranthene	7.7	7.7	7.7 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Fluoranthene	7.5	7.5	7.5 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Fluoranthene	7.4	7.4	7.4 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Fluoranthene	7.5	7.5	7.5 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Fluoranthene	7.6	7.6	7.6 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Fluoranthene	7.6	7.6	7.6 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Fluoranthene	7.8	7.8	7.8 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Fluoranthene	7.6	7.6	7.6 UJ		UG/KG	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nitrobenzene	0.24	0.078	0.078 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	C10-C20 Diesel Range Organics	210	370	370	MG/KG	
M8015D/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	C20-C34 Motor Oil Range Organics	210	430	430	MG/KG	
M8015D/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	C10-C20 Diesel Range Organics	100	716	350	MG/KG	
M8015D/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	C20-C34 Motor Oil Range Organics	100	400	400	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Petroleum Hydrocarbons C6-C12	110	980	980	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Silver	0.097	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Arsenic	0.097	9.6	9.6	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Barium	0.97	93.0	93.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Beryllium	0.097	0.69	0.69	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Calcium	9.7	7000	7000	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Cadmium	0.097	0.21	0.21	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Cobalt	0.049	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Iron	4.9	27000	27000	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Potassium	9.7	1100	1100	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Magnesium	9.7	4100	4100	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Manganese	0.49	510	510	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Sodium	9.7	60.0	60.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nickel	0.097	26.0	26.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Lead	0.097	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Selenium	0.49	0.54	0.54	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Thallium	0.097	0.16	0.16	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Vanadium	0.097	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Zinc	0.49	57.0	57.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Silver	0.098	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Arsenic	0.098	7.7	7.7	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Barium	0.98	64.0	64.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Beryllium	0.098	0.68	0.68	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Calcium	9.8	7000	7000	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Cadmium	0.098	0.19	0.19	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Cobalt	0.049	8.2	8.2	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Copper	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Iron	4.9	20000	20000	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Potassium	9.8	800	800	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Magnesium	9.8	3400	3400	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Manganese	0.49	340	340	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Sodium	9.8	89.0	89.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Nickel	0.098	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Lead	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Selenium	0.49	0.47	0.47 J	MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Thallium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Vanadium	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Zinc	0.49	44.0	44.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Silver	0.097	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Aluminum	2.9	6900	6900	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Arsenic	0.097	7.8	7.8	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Barium	0.97	39.0	39.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Beryllium	0.097	0.35	0.35	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Calcium	9.7	1600	1600	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Cadmium	0.097	0.15	0.15	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Cobalt	0.049	5.5	5.5	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Chromium	0.19	9.8	9.8	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Iron	4.9	16000	16000	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Potassium	9.7	630	630	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Magnesium	9.7	1700	1700	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Manganese	0.49	220	220	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Sodium	9.7	69.0	69.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Nickel	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Selenium	0.49	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Thallium	0.097	0.098	0.098	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Vanadium	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Zinc	0.49	37.0	37.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Silver	0.10	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Aluminum	3.0	9700	9700	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Arsenic	0.10	8.1	8.1	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Barium	1.0	55.0	55.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Beryllium	0.10	0.49	0.49	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Calcium	10.0	1500	1500	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Cadmium	0.10	0.17	0.17	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Cobalt	0.050	7.6	7.6	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Copper	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Iron	5.0	20000	20000	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Potassium	10.0	850	850	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Magnesium	10.0	2500	2500	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Manganese	0.50	270	270	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Sodium	10.0	91.0	91.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Nickel	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Lead	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Selenium	0.50	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Vanadium	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Zinc	0.50	45.0	45.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Silver	0.099	0.015	0.015 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Aluminum	3.0	5800	5800	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Arsenic	0.099	5.8	5.8	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Barium	0.99	31.0	31.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Beryllium	0.099	0.32	0.32	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Calcium	9.9	6800	6800	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Cadmium	0.099	0.098	0.098 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Cobalt	0.050	7.2	7.2	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Chromium	0.20	9.1	9.1	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Copper	0.20	9.9	9.9	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Iron	5.0	14000	14000	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Potassium	9.9	920	920	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Magnesium	9.9	2700	2700	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Manganese	0.50	200	200	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Sodium	9.9	74.0	74.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Nickel	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Lead	0.099	6.5	6.5	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Selenium	0.50	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Thallium	0.099	0.075	0.075 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Vanadium	0.099	8.7	8.7	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Zinc	0.50	27.0	27.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Silver	0.10	0.018	0.018 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Aluminum	3.0	8100	8100	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Arsenic	0.10	5.8	5.8	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Barium	1.0	70.0	70.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Beryllium	0.10	0.52	0.52	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Calcium	10.0	6200	6200	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Cadmium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Cobalt	0.050	28.0	28.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Copper	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Iron	5.0	17000	17000	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Magnesium	10.0	3300	3300	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Manganese	0.50	280	280	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Sodium	10.0	110	110	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Nickel	0.10	22.0	22.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Lead	0.10	8.2	8.2	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Selenium	0.50	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Thallium	0.10	0.074	0.074 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Vanadium	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Zinc	0.50	34.0	34.0	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Silver	0.10	0.017	0.017 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Aluminum	3.0	3900	3900	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Arsenic	0.10	1.8	1.8	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Barium	1.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Beryllium	0.10	0.34	0.34	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Calcium	10.0	13000	13000	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Cadmium	0.10	0.12	0.12	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Cobalt	0.050	32.0	32.0	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Chromium	0.20	6.1	6.1	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Copper	0.20	4.7	4.7	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Iron	5.0	5200	5200	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Potassium	10.0	530	530	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Magnesium	10.0	1800	1800	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Manganese	0.50	260	260	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Sodium	10.0	110	110	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Nickel	0.10	5.8	5.8	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Lead	0.10	9.1	9.1	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Selenium	0.50	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Thallium	0.10	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Vanadium	0.10	4.7	4.7	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Zinc	0.50	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Silver	0.10	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Aluminum	3.0	7700	7700	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Arsenic	0.10	8.0	8.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Barium	1.0	43.0	43.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Beryllium	0.10	0.42	0.42	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Calcium	10.0	5100	5100	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Cadmium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Cobalt	0.050	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Copper	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Iron	5.0	18000	18000	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Potassium	10.0	1100	1100	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Magnesium	10.0	3200	3200	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Manganese	0.50	270	270	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Sodium	10.0	76.0	76.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Nickel	0.10	20.0	20.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Lead	0.10	9.0	9.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Selenium	0.50	0.27	0.27 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Thallium	0.10	0.097	0.097 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Vanadium	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Zinc	0.50	38.0	38.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Silver	0.098	0.017	0.017 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Aluminum	2.9	7300	7300	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Arsenic	0.098	6.5	6.5	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Barium	0.98	38.0	38.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Beryllium	0.098	0.38	0.38	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Calcium	9.8	11000	11000	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Cadmium	0.098	0.11	0.11	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Cobalt	0.049	8.6	8.6	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Copper	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Iron	4.9	17000	17000	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Potassium	9.8	1100	1100	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Magnesium	9.8	3400	3400	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Manganese	0.49	220	220	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Sodium	9.8	86.0	86.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Nickel	0.098	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Lead	0.098	7.6	7.6	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Selenium	0.49	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Thallium	0.098	0.091	0.091 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Vanadium	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Zinc	0.49	34.0	34.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Silver	0.099	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Aluminum	3.0	10000	10000	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Arsenic	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Barium	0.99	50.0	50.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Beryllium	0.099	0.55	0.55	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Calcium	9.9	16000	16000	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Cadmium	0.099	0.16	0.16	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Iron	5.0	25000	25000	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Potassium	9.9	1400	1400	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Magnesium	9.9	5400	5400	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Manganese	0.50	310	310	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Sodium	9.9	160	160	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Nickel	0.099	26.0	26.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Lead	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Selenium	0.50	0.42	0.42 J	MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Thallium	0.099	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Vanadium	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Zinc	0.50	51.0	51.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Silver	0.096	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Aluminum	2.9	9600	9600	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Arsenic	0.096	8.8	8.8	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Barium	0.96	64.0	64.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Beryllium	0.096	0.57	0.57	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Calcium	9.6	15000	15000	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Cadmium	0.096	0.17	0.17	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Cobalt	0.048	49.0	49.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Iron	4.8	21000	21000	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Potassium	9.6	1300	1300	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Magnesium	9.6	4300	4300	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Manganese	0.48	380	380	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Sodium	9.6	150	150	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Nickel	0.096	23.0	23.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Lead	0.096	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Selenium	0.48	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Thallium	0.096	0.11	0.11	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Vanadium	0.096	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Zinc	0.48	46.0	46.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Silver	0.094	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Aluminum	2.8	14000	14000	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Arsenic	0.094	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Barium	0.94	150	150	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Beryllium	0.094	0.74	0.74	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Calcium	9.4	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Cadmium	0.094	0.24	0.24	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Cobalt	0.047	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Chromium	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Iron	4.7	27000	27000	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Potassium	9.4	1500	1500	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Magnesium	9.4	4800	4800	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Manganese	0.47	300	300	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Sodium	9.4	110	110	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Nickel	0.094	42.0	42.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Lead	0.094	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Antimony	0.19	0.078	0.078 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Selenium	0.47	0.44	0.44 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Thallium	0.094	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Vanadium	0.094	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Zinc	0.47	57.0	57.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Silver	0.11	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Aluminum	3.3	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Arsenic	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Barium	1.1	41.0	41.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Beryllium	0.11	0.51	0.51	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Calcium	11.0	8200	8200	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Cadmium	0.11	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Cobalt	0.054	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Chromium	0.22	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Copper	0.22	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Iron	5.4	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Potassium	11.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Magnesium	11.0	4400	4400	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Manganese	0.54	340	340	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Sodium	11.0	58.0	58.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Nickel	0.11	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Lead	0.11	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Antimony	0.22	0.056	0.056 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Selenium	0.54	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Thallium	0.11	0.13	0.13	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Zinc	0.54	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Silver	0.087	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Aluminum	2.6	9200	9200	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Arsenic	0.087	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Barium	0.87	40.0	40.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Beryllium	0.087	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Calcium	8.7	3700	3700	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Cadmium	0.087	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Cobalt	0.043	9.7	9.7	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Chromium	0.17	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Copper	0.17	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Iron	4.3	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Potassium	8.7	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Magnesium	8.7	4400	4400	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Manganese	0.43	280	280	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Sodium	8.7	68.0	68.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Nickel	0.087	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Lead	0.087	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Antimony	0.17	0.061	0.061 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Selenium	0.43	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Thallium	0.087	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Vanadium	0.087	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Zinc	0.43	51.0	51.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Silver	0.10	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Aluminum	3.1	9700	9700	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Barium	1.0	47.0	47.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Beryllium	0.10	0.54	0.54	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Calcium	10.0	1800	1800	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Cadmium	0.10	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Cobalt	0.052	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Chromium	0.21	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Iron	5.2	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Magnesium	10.0	3400	3400	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Manganese	0.52	390	390	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Sodium	10.0	60.0	60.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Nickel	0.10	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Lead	0.10	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Antimony	0.21	0.077	0.077 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Selenium	0.52	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Thallium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Zinc	0.52	58.0	58.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Silver	0.098	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Aluminum	2.9	9400	9400	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Arsenic	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Barium	0.98	42.0	42.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Beryllium	0.098	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Calcium	9.8	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Cadmium	0.098	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Cobalt	0.049	9.4	9.4	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Copper	0.20	18.0	18.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Potassium	9.8	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Magnesium	9.8	3300	3300	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Manganese	0.49	290	290	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Sodium	9.8	63.0	63.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Nickel	0.098	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Lead	0.098	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Antimony	0.20	0.062	0.062 J	MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Selenium	0.49	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Thallium	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Vanadium	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Zinc	0.49	50.0	50.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Silver	0.094	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Aluminum	2.8	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Arsenic	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Barium	0.94	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Beryllium	0.094	0.49	0.49	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Calcium	9.4	8200	8200	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Cadmium	0.094	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Cobalt	0.047	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Iron	4.7	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Potassium	9.4	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Magnesium	9.4	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Manganese	0.47	210	210	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Sodium	9.4	71.0	71.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Nickel	0.094	19.0	19.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Lead	0.094	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Antimony	0.19	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Selenium	0.47	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Thallium	0.094	0.097	0.097	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Vanadium	0.094	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Zinc	0.47	49.0	49.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Silver	0.11	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Aluminum	3.4	9700	9700	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Barium	1.1	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Beryllium	0.11	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Calcium	11.0	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Cadmium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Cobalt	0.056	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Chromium	0.23	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Copper	0.23	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Iron	5.6	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Potassium	11.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Magnesium	11.0	4500	4500	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Manganese	0.56	200	200	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Sodium	11.0	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Nickel	0.11	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Lead	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Antimony	0.23	0.065	0.065 J	MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Selenium	0.56	0.38	0.38 J	MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Thallium	0.11	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Zinc	0.56	57.0	57.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Silver	0.10	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Aluminum	3.0	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Arsenic	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Barium	1.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Beryllium	0.10	0.51	0.51	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Calcium	10.0	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Cadmium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Cobalt	0.051	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Iron	5.1	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Potassium	10.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Magnesium	10.0	4700	4700	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Manganese	0.51	310	310	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Sodium	10.0	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Nickel	0.10	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Antimony	0.20	0.069	0.069 J	MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Selenium	0.51	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Thallium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Vanadium	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Zinc	0.51	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Silver	0.11	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Aluminum	3.3	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Barium	1.1	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Beryllium	0.11	0.55	0.55	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Calcium	11.0	3700	3700	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Cadmium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Cobalt	0.056	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Chromium	0.22	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Copper	0.22	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Iron	5.6	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Potassium	11.0	1800	1800	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Magnesium	11.0	4600	4600	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Manganese	0.56	190	190	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Sodium	11.0	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Nickel	0.11	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Lead	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Antimony	0.22	0.060	0.060 J	MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Selenium	0.56	0.42	0.42 J	MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Thallium	0.11	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Zinc	0.56	59.0	59.0	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Mercury	0.095	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Mercury	0.11	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Mercury	0.088	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Mercury	0.091	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Mercury	0.13	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Mercury	0.11	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Mercury	0.13	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Mercury	0.12	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Mercury	0.11	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Mercury	0.12	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Mercury	0.11	0.017	0.017 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Acetone	18.0	24.0	24.0	UG/KG	
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzene	4.5	0.73	0.73 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Toluene	4.5	2.7	2.7 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Ethylbenzene	4.5	4.7	4.7	UG/KG	
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Butanone (MEK)	18.0	6.2	6.2 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Xylenes, Total	8.9	20.0	20.0	UG/KG	
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzene	5.4	0.84	0.84 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Toluene	5.4	1.9	1.9 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Ethylbenzene	5.4	4.7	4.7 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2-Butanone (MEK)	21.0	5.5	5.5 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Xylenes, Total	11.0	20.0	20.0	UG/KG	
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Acetone	23.0	41.0	41.0 J -	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Benzene	5.7	1.3	1.3 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Toluene	5.7	3.3	3.3 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Ethylbenzene	5.7	1.8	1.8 J -	UG/KG	M/I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2-Butanone (MEK)	23.0	12.0	12.0 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Acetone	21.0	19.0	19.0 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Benzene	5.2	0.40	0.40 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Toluene	5.2	2.5	2.5 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Carbon Disulfide	5.2	0.63	0.63 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2-Butanone (MEK)	21.0	4.6	4.6 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Toluene	4.8	1.9	1.9 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Toluene	4.8	1.9	1.9 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Toluene	4.4	1.3	1.3 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Toluene	4.1	1.2	1.2 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Toluene	4.4	1.4	1.4 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Toluene	4.3	1.1	1.1 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Toluene	4.1	1.2	1.2 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Toluene	4.4	1.0	1.0 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Toluene	4.5	1.0	1.0 J	UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Acenaphthene	66.0	380	380	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Acenaphthylene	66.0	79.0	79.0	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(a)anthracene	66.0	140	140	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(a)pyrene	66.0	41.0	41.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(b)fluoranthene	66.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(g,h,i)perylene	66.0	57.0	57.0 J -	UG/KG	TR/J/M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Chrysene	66.0	190	190 J	UG/KG	d
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dibenzofuran	500	250	250 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluorene	66.0	650	650 J -	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluoranthene	66.0	170	170 J	UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Methylnaphthalene	66.0	680	680 J -	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Naphthalene	66.0	50.0	50.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Phenanthrene	66.0	1000	1000	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Pyrene	66.0	1000	1000	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acenaphthene	66.0	260	260	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acenaphthylene	66.0	61.0	61.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(a)anthracene	66.0	150	150	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(a)pyrene	66.0	51.0	51.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(b)fluoranthene	66.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Chrysene	66.0	98.0	98.0 J	UG/KG	d
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Dibenzofuran	490	180	180 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Fluorene	66.0	500	500	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Fluoranthene	66.0	120	120 J	UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2-Methylnaphthalene	66.0	660	660	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Naphthalene	66.0	51.0	51.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Phenanthrene	66.0	810	810	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Pyrene	66.0	730	730	UG/KG	
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	2-Methylnaphthalene	67.0	81.0	81.0	UG/KG	
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Naphthalene	67.0	69.0	69.0	UG/KG	
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Phenanthrene	67.0	45.0	45.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2-Methylnaphthalene	67.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Naphthalene	6.6	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Dibenzofuran	51.0	3.8	3.8 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluorene	6.8	3.4	3.4 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluoranthene	6.8	7.9	7.9 J	UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	2-Methylnaphthalene	6.8	5.2	5.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Naphthalene	6.8	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Phenanthrene	6.8	14.0	14.0	UG/KG	
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Pyrene	6.8	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Acenaphthene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Benzyl butyl phthalate	51.0	16.0	16.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Fluorene	6.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Fluoranthene	6.7	7.7	7.7 J	UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Phenanthrene	6.7	38.0	38.0	UG/KG	
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Pyrene	6.7	8.7	8.7	UG/KG	
SW8270C/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Phenanthrene	7.6	18.0	18.0	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nitrobenzene	0.24	0.078	0.078 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Aldrin	200	200	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	alpha-BHC (alpha-Hexachlorocyclohexane)	120	120	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	beta-BHC (beta-Hexachlorocyclohexane)	170	170	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	delta-BHC (delta-Hexachlorocyclohexane)	200	200	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	gamma-BHC (Lindane)	120	120	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	alpha-Chlordane	150	150	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	gamma-Chlordane	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	p,p'-DDD	99.0	99.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	p,p'-DDE	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	p,p'-DDT	99.0	99.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Dieldrin	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	alpha-Endosulfan	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	beta-Endosulfan	120	120	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endosulfan Sulfate	150	150	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endrin	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endrin Aldehyde	150	150	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endrin Ketone	99.0	99.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Heptachlor	170	170	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Heptachlor Epoxide	120	120	R	UG/KG	I/V2
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Methoxychlor	250	250	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Toxaphene	3300	3300	R	UG/KG	I/V2

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0042M-0001-SO	N	4-Chloroaniline	1500	1500	R	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	N	4-Chloroaniline	1500	1500	R	UG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Anomalies Count

SDG Name: 240-18581-1_(70-72-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	3	3
M8015D/SW3540C/NONE	2	4
M8015V/SW3550B/NONE	2	2
SW6020/SW3050B/NONE	5	20
SW7471A/TOTAL/NONE	11	11
SW8081/SW3540C/NONE	3	63
SW8082/SW3540C/NONE	11	77
SW8260B/SW5035/NONE	4	108
SW8270C/SW3550/NONE	13	541

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	070SB-0042M-0001-SO	N	1	Nitrocellulose	45 U	7	45	5	MG/KG
E353.2/NONE	070SB-0044M-0001-SO	N	1	Nitrocellulose	41 U	6.4	41	5	MG/KG
E353.2/NONE	070SB-0046M-0001-SO	N	1	Nitrocellulose	47 U	7.4	47	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	070SB-0042M-0001-SO	N	10	C10-C20 Diesel Range Organics	370	110	210	40	MG/KG
M8015D/NONE	070SB-0042M-0001-SO	N	10	C20-C34 Motor Oil Range Organics	430	110	210	40	MG/KG
M8015D/NONE	070SB-0043M-0001-SO	FD	5	C10-C20 Diesel Range Organics	350	58	100	40	MG/KG
M8015D/NONE	070SB-0043M-0001-SO	FD	5	C20-C34 Motor Oil Range Organics	400	58	100	40	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	070SB-0043M-0001-SO	FD	1	Petroleum Hydrocarbons C6-C12	980	50	110	100	UG/KG
M8015V/NONE	072SB-0072-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	120 U	55	120	100	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0057-0001-SO	N	1	Barium	41	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0057-0001-SO	N	1	Beryllium	0.51	0.0081	0.11	0.1	MG/KG
SW6020/NONE	072SB-0057-0001-SO	N	1	Cadmium	0.18	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0057-0001-SO	N	1	Calcium	8200	1.4	11	10	MG/KG
SW6020/NONE	072SB-0057-0001-SO	N	1	Magnesium	4400	1.2	11	10	MG/KG
SW6020/NONE	072SB-0057-0001-SO	N	1	Selenium	0.43 J	0.055	0.54	0.5	MG/KG
SW6020/NONE	072SB-0059-0001-SO	N	1	Selenium	0.31 J	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0071-0001-SO	N	1	Barium	31	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0071-0001-SO	N	1	Beryllium	0.52	0.0084	0.11	0.1	MG/KG
SW6020/NONE	072SB-0071-0001-SO	N	1	Cadmium	0.15	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0071-0001-SO	N	1	Calcium	4300	1.5	11	10	MG/KG
SW6020/NONE	072SB-0071-0001-SO	N	1	Magnesium	4500	1.2	11	10	MG/KG
SW6020/NONE	072SB-0071-0001-SO	N	1	Selenium	0.38 J	0.057	0.56	0.5	MG/KG
SW6020/NONE	072SB-0072-0001-SO	N	1	Selenium	0.34 J	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0073-0001-SO	N	1	Barium	32	0.012	1.1	1	MG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0073-0001-SO	N	1	Beryllium	0.55	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0073-0001-SO	N	1	Cadmium	0.16	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0073-0001-SO	N	1	Calcium	3700	1.5	11	10	MG/KG
SW6020/NONE	072SB-0073-0001-SO	N	1	Magnesium	4600	1.2	11	10	MG/KG
SW6020/NONE	072SB-0073-0001-SO	N	1	Selenium	0.42 J	0.057	0.56	0.5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	070SB-0044M-0001-SO	N	1	Mercury	0.017 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	070SB-0051M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0056-0001-SO	N	1	Mercury	0.018 J	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0057-0001-SO	N	1	Mercury	0.018 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0058-0001-SO	N	1	Mercury	0.02 J	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0059-0001-SO	N	1	Mercury	0.019 J	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0060-0001-SO	N	1	Mercury	0.017 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0070-0001-SO	N	1	Mercury	0.016 J	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0071-0001-SO	N	1	Mercury	0.017 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0072-0001-SO	N	1	Mercury	0.14 U	0.019	0.14	0.1	MG/KG
SW7471A/NONE	072SB-0073-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070SB-0042M-0001-SO	N	50	Aldrin	200 UJ	60	200	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	alpha-BHC (alpha-Hexachlorocyclohexane)	120 UJ	36	120	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	alpha-Chlordane	150 UJ	47	150	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	alpha-Endosulfan	84 UJ	26	84	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	beta-BHC (beta-Hexachlorocyclohexane)	170 UJ	55	170	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	beta-Endosulfan	120 UJ	41	120	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	delta-BHC (delta-Hexachlorocyclohexane)	200 UJ	60	200	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Dieldrin	84 UJ	23	84	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Endosulfan Sulfate	150 UJ	43	150	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Endrin	84 UJ	25	84	1.7	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070SB-0042M-0001-SO	N	50	Endrin Aldehyde	150 UJ	50	150	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Endrin Ketone	99 U	31	99	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	gamma-BHC (Lindane)	120 UJ	37	120	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	gamma-Chlordane	84 UJ	21	84	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Heptachlor	170 UJ	55	170	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Heptachlor Epoxide	120 UJ	40	120	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Methoxychlor	250 UJ	75	250	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	p,p'-DDD	99 UJ	31	99	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	p,p'-DDE	84 U	19	84	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	p,p'-DDT	99 UJ	31	99	1.7	UG/KG
SW8081/NONE	070SB-0042M-0001-SO	N	50	Toxaphene	3300 UJ	940	3300	170	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Aldrin	200 U	59	200	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	alpha-BHC (alpha-Hexachlorocyclohexane)	120 U	36	120	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	alpha-Chlordane	150 U	46	150	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	alpha-Endosulfan	84 U	26	84	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	beta-BHC (beta-Hexachlorocyclohexane)	170 U	54	170	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	beta-Endosulfan	120 U	40	120	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	delta-BHC (delta-Hexachlorocyclohexane)	200 U	59	200	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Dieldrin	84 U	23	84	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Endosulfan Sulfate	150 U	43	150	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Endrin	84 U	25	84	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Endrin Aldehyde	150 U	49	150	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Endrin Ketone	99 U	31	99	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	gamma-BHC (Lindane)	120 U	37	120	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	gamma-Chlordane	84 U	21	84	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Heptachlor	170 U	54	170	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Heptachlor Epoxide	120 UJ	39	120	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Methoxychlor	250 U	74	250	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	p,p'-DDD	99 U	31	99	1.7	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070SB-0044M-0001-SO	N	50	p,p'-DDE	84 U	19	84	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	p,p'-DDT	99 U	31	99	1.7	UG/KG
SW8081/NONE	070SB-0044M-0001-SO	N	50	Toxaphene	3300 UJ	940	3300	170	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Aldrin	200 R	59	200	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	alpha-BHC (alpha-Hexachlorocyclohexane)	120 R	36	120	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	alpha-Chlordane	150 R	46	150	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	alpha-Endosulfan	84 R	26	84	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	beta-BHC (beta-Hexachlorocyclohexane)	170 R	54	170	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	beta-Endosulfan	120 R	40	120	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	delta-BHC (delta-Hexachlorocyclohexane)	200 R	59	200	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Dieldrin	84 R	23	84	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Endosulfan Sulfate	150 R	43	150	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Endrin	84 R	25	84	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Endrin Aldehyde	150 R	49	150	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Endrin Ketone	99 R	31	99	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	gamma-BHC (Lindane)	120 R	37	120	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	gamma-Chlordane	84 R	21	84	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Heptachlor	170 R	54	170	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Heptachlor Epoxide	120 R	39	120	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Methoxychlor	250 R	74	250	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	p,p'-DDD	99 R	31	99	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	p,p'-DDE	84 R	19	84	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	p,p'-DDT	99 R	31	99	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SO	N	50	Toxaphene	3300 R	940	3300	170	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	070SB-0042M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	070SB-0042M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	070SB-0042M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	070SB-0042M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	070SB-0042M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0042M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0042M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0044M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	070SB-0044M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	070SB-0044M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	070SB-0044M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	39 U	13	39	33	UG/KG
SW8082/NONE	070SB-0044M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0044M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0044M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0046M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 UJ	21	65	33	UG/KG
SW8082/NONE	070SB-0046M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 UJ	16	50	33	UG/KG
SW8082/NONE	070SB-0046M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 UJ	14	45	33	UG/KG
SW8082/NONE	070SB-0046M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	070SB-0046M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SB-0046M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SB-0046M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SB-0047M-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	65 UJ	21	65	33	UG/KG
SW8082/NONE	070SB-0047M-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	50 UJ	16	50	33	UG/KG
SW8082/NONE	070SB-0047M-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	45 UJ	14	45	33	UG/KG
SW8082/NONE	070SB-0047M-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	070SB-0047M-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SB-0047M-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SB-0047M-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SB-0049M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	070SB-0049M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	070SB-0049M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	070SB-0049M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	070SB-0049M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	070SB-0049M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0049M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0050M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	070SB-0050M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	070SB-0050M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	070SB-0050M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	070SB-0050M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0050M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0050M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0051M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	070SB-0051M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	070SB-0051M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	070SB-0051M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	070SB-0051M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0051M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0051M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	070SB-0052M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	070SB-0052M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	070SB-0052M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	070SB-0052M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	070SB-0052M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0052M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0052M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0053M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	070SB-0053M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	070SB-0053M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	070SB-0053M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	070SB-0053M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0053M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	070SB-0053M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0054M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	070SB-0054M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	070SB-0054M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	070SB-0054M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	39 U	13	39	33	UG/KG
SW8082/NONE	070SB-0054M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0054M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	070SB-0054M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	070SS-0048M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 UJ	21	65	33	UG/KG
SW8082/NONE	070SS-0048M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 UJ	16	50	33	UG/KG
SW8082/NONE	070SS-0048M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 UJ	14	45	33	UG/KG
SW8082/NONE	070SS-0048M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	070SS-0048M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SS-0048M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 UJ	17	55	33	UG/KG
SW8082/NONE	070SS-0048M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 UJ	17	55	33	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	070SB-0042M-0001-SO	N	1	1,2-Dichloroethene	8.9 U	0.69	8.9	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,1,1-Trichloroethane	5.4 U	0.6	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	5.4 U	0.36	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,1,2-Trichloroethane	5.4 U	0.42	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,1-Dichloroethane	5.4 U	0.39	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,1-Dichloroethene	5.4 U	0.56	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	5.4 U	0.54	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,2-Dichloroethane	5.4 U	0.36	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,2-Dichloroethene	11 U	0.83	11	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	1,2-Dichloropropane	5.4 U	0.74	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	2-Butanone (MEK)	5.5 J	1.5	21	20	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	2-Hexanone	21 U	0.68	21	20	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	21 U	0.58	21	20	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Acetone	21 U	6.8	21	20	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Benzene	0.84 J	0.25	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Bromochloromethane	5.4 U	0.76	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Bromodichloromethane	5.4 U	0.3	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Bromoform	5.4 U	0.35	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Bromomethane	5.4 U	0.58	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Carbon Disulfide	5.4 U	0.47	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Carbon Tetrachloride	5.4 U	0.4	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Chlorobenzene	5.4 U	0.35	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Chloroethane	5.4 U	0.92	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Chloroform	5.4 U	0.31	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Chloromethane	5.4 U	0.44	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	cis-1,3-Dichloropropene	5.4 U	0.36	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Dibromochloromethane	5.4 U	0.59	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Ethylbenzene	4.7 J	0.28	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Methylene Chloride	5.4 U	0.72	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Styrene	5.4 U	0.16	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	tert-Butyl Methyl Ether (MTBE)	5.4 U	0.46	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Tetrachloroethene (PCE)	5.4 U	0.56	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Toluene	1.9 J	0.29	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	trans-1,3-Dichloropropene	5.4 U	0.58	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Trichloroethene (TCE)	5.4 U	0.45	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Vinyl Chloride	5.4 U	0.42	5.4	5	UG/KG
SW8260B/NONE	070SB-0043M-0001-SO	FD	1	Xylenes, Total	20	0.72	11	10	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,1,1-Trichloroethane	5.7 UJ	0.64	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,1,2-Trichloroethane	5.7 UJ	0.44	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,1-Dichloroethane	5.7 UJ	0.41	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,1-Dichloroethene	5.7 UJ	0.59	5.7	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.7 UJ	0.57	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,2-Dichloroethane	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.87	11	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	1,2-Dichloropropane	5.7 UJ	0.78	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	2-Butanone (MEK)	12 J	1.6	23	20	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	2-Hexanone	23 U	0.72	23	20	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 U	0.61	23	20	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Acetone	41 J	7.2	23	20	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Benzene	1.3 J	0.26	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Bromochloromethane	5.7 UJ	0.81	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Bromodichloromethane	5.7 UJ	0.32	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Bromoform	5.7 UJ	0.37	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Bromomethane	5.7 UJ	0.61	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Carbon Disulfide	5.7 UJ	0.5	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Carbon Tetrachloride	5.7 UJ	0.42	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Chlorobenzene	5.7 UJ	0.37	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Chloroethane	5.7 UJ	0.98	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Chloroform	5.7 UJ	0.33	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Chloromethane	5.7 UJ	0.47	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	cis-1,3-Dichloropropene	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Dibromochloromethane	5.7 UJ	0.62	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Ethylbenzene	1.8 J	0.3	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Methylene Chloride	5.7 UJ	0.76	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Styrene	5.7 UJ	0.17	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.7 UJ	0.49	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Tetrachloroethene (PCE)	5.7 UJ	0.59	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Toluene	3.3 J	0.31	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	trans-1,3-Dichloropropene	5.7 UJ	0.61	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Trichloroethene (TCE)	5.7 UJ	0.48	5.7	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Vinyl Chloride	5.7 UJ	0.44	5.7	5	UG/KG
SW8260B/NONE	070SB-0044M-0001-SO	N	1	Xylenes, Total	11 UJ	0.76	11	10	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,1,1-Trichloroethane	5.2 U	0.58	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,1,2-Trichloroethane	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,1-Dichloroethane	5.2 U	0.37	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,1-Dichloroethene	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.2 U	0.52	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,2-Dichloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.8	10	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	1,2-Dichloropropane	5.2 U	0.72	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	2-Butanone (MEK)	4.6 J	1.5	21	20	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	2-Hexanone	21 U	0.65	21	20	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Acetone	19 J	6.5	21	20	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Benzene	0.4 J	0.24	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Bromochloromethane	5.2 U	0.74	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Bromodichloromethane	5.2 U	0.29	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Bromoform	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Bromomethane	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Carbon Disulfide	0.63 J	0.46	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Carbon Tetrachloride	5.2 U	0.38	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Chlorobenzene	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Chloroethane	5.2 U	0.89	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Chloroform	5.2 U	0.3	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Chloromethane	5.2 U	0.43	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	cis-1,3-Dichloropropene	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Dibromochloromethane	5.2 U	0.57	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Methylene Chloride	5.2 U	0.7	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Styrene	5.2 U	0.16	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.2 U	0.45	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Tetrachloroethene (PCE)	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Toluene	2.5 J	0.28	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	trans-1,3-Dichloropropene	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Trichloroethene (TCE)	5.2 U	0.44	5.2	5	UG/KG
SW8260B/NONE	070SB-0046M-0001-SO	N	1	Vinyl Chloride	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	070SB-0055M-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	072SB-0061-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0042M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	1,2-Dichlorobenzene	500 UJ	96	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	1,3-Dichlorobenzene	500 UJ	110	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	790	1500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	790	3300	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	790	2000	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2-Nitroaniline	2000 U	90	2000	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	3,3'-Dichlorobenzidine	990 U	180	990	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0042M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	4-Chloroaniline	1500 R	170	1500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	4-Nitrophenol	3300 U	790	3300	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Acenaphthene	380	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Acenaphthylene	79	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzo(a)anthracene	140	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzo(a)pyrene	41 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzo(b)fluoranthene	34 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzo(g,h,i)perylene	57 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzo(k)fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzoic acid	6500 U	3300	6500	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Benzyl butyl phthalate	500 U	99	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	990 U	220	990	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	990 U	20	990	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	990 U	94	990	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Chrysene	190 J	11	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Dibenz(a,h)anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Dibenzofuran	250 J	33	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Di-n-Butyl Phthalate	500 UJ	150	500	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Fluoranthene	170 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Fluorene	650 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Hexachloroethane	500 U	89	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Naphthalene	50 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Nitrobenzene	990 U	22	990	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Pentachlorophenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Phenanthrene	1000	33	66	50	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0042M-0001-SO	N	10	Pyrene	1000	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	1,2,4-Trichlorobenzene	490 U	270	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	1,2-Dichlorobenzene	490 U	96	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	1,3-Dichlorobenzene	490 U	110	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	1,4-Dichlorobenzene	490 U	200	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2,4,6-Trichlorophenol	1500 U	790	1500	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2,4-Dinitrophenol	3300 UJ	790	3300	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2-Chloronaphthalene	490 U	33	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2-Chlorophenol	490 U	270	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2-Methylphenol (o-Cresol)	2000 U	790	2000	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2-Nitroaniline	2000 U	90	2000	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	2-Nitrophenol	490 U	270	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	3,3'-Dichlorobenzidine	990 U	180	990	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	4,6-Dinitro-2-Methylphenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	4-Bromophenyl phenyl ether	490 U	130	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	4-Chlorophenyl Phenyl Ether	490 U	130	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	4-Nitrophenol	3300 U	790	3300	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Acenaphthene	260	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Acenaphthylene	61 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzo(a)anthracene	150	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzo(a)pyrene	51 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzo(b)fluoranthene	33 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzo(g,h,i)perylene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzo(k)fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzoic acid	6500 U	3300	6500	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Benzyl butyl phthalate	490 U	99	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	bis(2-Chloroethoxy) Methane	990 U	220	990	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	990 U	20	990	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	bis(2-Chloroisopropyl) Ether	990 U	94	990	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Carbazole	490 U	270	490	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Chrysene	98 J	11	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Cresols, m & p	3900 U	200	3900	300	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Dibenz(a,h)anthracene	66 U	33	66	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Dibenzofuran	180 J	33	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Diethyl Phthalate	490 U	160	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Dimethyl Phthalate	490 U	170	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Di-n-Butyl Phthalate	490 UJ	150	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Di-n-Octylphthalate	490 U	270	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Fluoranthene	120 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Fluorene	500	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Hexachlorobutadiene	490 U	270	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Hexachloroethane	490 U	89	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Indeno(1,2,3-c,d)pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Isophorone	490 U	130	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Naphthalene	51 J	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Nitrobenzene	990 U	22	990	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	n-Nitrosodi-n-propylamine	490 U	270	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Pentachlorophenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Phenanthrene	810	33	66	50	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Phenol	490 U	270	490	330	UG/KG
SW8270C/NONE	070SB-0043M-0001-SO	FD	10	Pyrene	730	33	66	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	1,2,4-Trichlorobenzene	510 UJ	270	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	1,2-Dichlorobenzene	510 UJ	98	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	1,3-Dichlorobenzene	510 U	110	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	1,4-Dichlorobenzene	510 U	200	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2-Chloronaphthalene	510 U	33	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2-Chlorophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2-Nitroaniline	2000 U	92	2000	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	2-Nitrophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	4-Bromophenyl phenyl ether	510 U	130	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	4-Chloroaniline	1500 R	170	1500	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	510 U	130	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzoic acid	6700 U	3400	6700	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Benzyl butyl phthalate	510 U	100	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Carbazole	510 U	270	510	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Dibenz(a,h)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Dibenzofuran	510 U	33	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Diethyl Phthalate	510 U	160	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Dimethyl Phthalate	510 U	170	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Di-n-Butyl Phthalate	510 UJ	150	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Di-n-Octylphthalate	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Hexachlorobutadiene	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Hexachloroethane	510 U	91	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Isophorone	510 U	130	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	n-Nitrosodi-n-propylamine	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Phenanthrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Phenol	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0044M-0001-SO	N	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2,4-Dinitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Di-n-Butyl Phthalate	500 UJ	150	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Naphthalene	69	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Phenanthrene	45 J	33	67	50	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0045M-0001-SO	FD	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0046M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Di-n-Butyl Phthalate	500 UJ	150	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Phenanthrene	67 U	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0046M-0001-SO	N	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	1,2,4-Trichlorobenzene	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	1,2-Dichlorobenzene	510 U	98	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	1,3-Dichlorobenzene	510 U	110	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	1,4-Dichlorobenzene	510 U	200	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2,4-Dinitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2-Chloronaphthalene	510 U	33	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2-Chlorophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2-Nitroaniline	2000 U	92	2000	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	2-Nitrophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	4-Bromophenyl phenyl ether	510 U	130	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	4-Chlorophenyl Phenyl Ether	510 U	130	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Acenaphthylene	67 U	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzoic acid	6700 U	3400	6700	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Benzyl butyl phthalate	510 U	100	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Carbazole	510 U	270	510	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Dibenzofuran	510 U	33	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Diethyl Phthalate	510 U	160	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Dimethyl Phthalate	510 U	170	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Di-n-Butyl Phthalate	510 UJ	150	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Di-n-Octylphthalate	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Hexachlorobutadiene	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Hexachloroethane	510 U	91	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Isophorone	510 U	130	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Naphthalene	67 U	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	n-Nitrosodi-n-propylamine	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Phenanthrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Phenol	510 U	270	510	330	UG/KG
SW8270C/NONE	070SB-0047M-0001-SO	FD	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	070SB-0049M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	070SB-0050M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	070SB-0050M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	1,2-Dichlorobenzene	500 UJ	97	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	1,3-Dichlorobenzene	500 UJ	110	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	1,4-Dichlorobenzene	500 UJ	200	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2-Chloronaphthalene	500 UJ	33	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2-Nitroaniline	2000 UJ	91	2000	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 UJ	130	500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0051M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Acenaphthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Acenaphthylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzo(a)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzo(a)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzo(b)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzo(k)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Benzyl butyl phthalate	500 UJ	100	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	95	1000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Carbazole	500 UJ	270	500	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Chrysene	67 UJ	11	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Dibenz(a,h)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Dibenzofuran	500 UJ	33	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Diethyl Phthalate	500 UJ	160	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Dimethyl Phthalate	500 UJ	170	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Di-n-Butyl Phthalate	500 UJ	150	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Di-n-Octylphthalate	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Fluoranthene	67 UJ	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Fluorene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Hexachlorobutadiene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Hexachloroethane	500 UJ	90	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Isophorone	500 UJ	130	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Naphthalene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Phenanthrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0051M-0001-SO	N	10	Pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	1,2-Dichlorobenzene	500 UJ	97	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	1,3-Dichlorobenzene	500 UJ	110	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	1,4-Dichlorobenzene	500 UJ	200	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2-Chloronaphthalene	500 UJ	33	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2-Nitroaniline	2000 UJ	91	2000	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0052M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Acenaphthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Acenaphthylene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzo(a)anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzo(a)pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzo(b)fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzo(g,h,i)perylene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzo(k)fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Benzyl butyl phthalate	500 UJ	100	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	95	1000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Carbazole	500 UJ	270	500	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Chrysene	66 UJ	11	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Dibenz(a,h)anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Dibenzofuran	500 UJ	33	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Diethyl Phthalate	500 UJ	160	500	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Dimethyl Phthalate	500 UJ	170	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Di-n-Butyl Phthalate	500 UJ	150	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Di-n-Octylphthalate	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Fluorene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Hexachlorobutadiene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Hexachloroethane	500 UJ	90	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Isophorone	500 UJ	130	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Naphthalene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 UJ	270	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Phenanthrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	070SB-0052M-0001-SO	N	10	Pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	2,4,6-Trichlorophenol	600 U	320	600	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	2,4-Dichlorophenol	600 UJ	80	600	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	2,4-Dimethylphenol	600 U	80	600	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	2,4-Dinitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	2,4-Dinitrotoluene	800 U	110	800	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	2,6-Dinitrotoluene	800 U	84	800	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	2-Methylphenol (o-Cresol)	800 U	320	800	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	3,3'-Dichlorobenzidine	400 U	72	400	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	4-Chloro-3-Methylphenol	600 U	84	600	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	4-Chloroaniline	600 U	68	600	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	4-Nitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	Benzoic acid	2600 U	1300	2600	800	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SB-0053M-0001-SO	N	4	Benzyl alcohol	1300 U	84	1300	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	bis(2-Chloroethoxy) Methane	400 U	88	400	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400 U	8	400	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	bis(2-Chloroisopropyl) Ether	400 U	38	400	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	Carbazole	200 U	110	200	50	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	Cresols, m & p	1600 U	80	1600	300	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	Hexachlorocyclopentadiene	1300 U	110	1300	330	UG/KG
SW8270C/NONE	070SB-0053M-0001-SO	N	4	Nitrobenzene	400 U	8.8	400	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	2,4,6-Trichlorophenol	590 U	320	590	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	2,4-Dichlorophenol	590 UJ	79	590	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	2,4-Dimethylphenol	590 U	79	590	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	2,4-Dinitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	2,4-Dinitrotoluene	790 U	110	790	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	2,6-Dinitrotoluene	790 U	83	790	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	2-Methylphenol (o-Cresol)	790 U	320	790	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	3,3'-Dichlorobenzidine	400 U	71	400	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	4-Chloro-3-Methylphenol	590 U	83	590	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	4-Chloroaniline	590 U	67	590	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	4-Nitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	Benzoic acid	2600 U	1300	2600	800	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	Benzyl alcohol	1300 U	83	1300	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	bis(2-Chloroethoxy) Methane	400 U	87	400	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400 U	7.9	400	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	bis(2-Chloroisopropyl) Ether	400 U	38	400	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	Carbazole	200 U	110	200	50	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	Cresols, m & p	1600 U	79	1600	300	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	Hexachlorocyclopentadiene	1300 U	110	1300	330	UG/KG
SW8270C/NONE	070SB-0054M-0001-SO	N	4	Nitrobenzene	400 U	8.7	400	330	UG/KG
SW8270C/NONE	070SS-0048M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reporting Anomalies

SDG Name: 240-18581-1_(70-72-SB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	070SS-0048M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Worksheet

SDG Name: 240-18581-1_(70-72-SB)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Detected in MB; impacted all samples (results changed to ND)
Was a field blank collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a duplicate sample prepared and analyzed with each batch?			•	Not Required
Was the duplicate RPD within QAPP acceptance limits?			•	Not Required
Was a MS/MSD pair prepared with each batch?		N		Not Required
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not Requested for this analysis
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

Method: M8015D

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?		N		One set of CCVs had %D > 20%; impacted results for samples 7-11, and 13-16.
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			
Method: M8015V				

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			Analysis requested on COC but sample 1 not physically submitted for analysis. Sample re-submitted at a later date.
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS Only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?		N		Primary sample of primary/duplicate pair not submitted (see COC question above)
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N		Results of both MS/MSDs not usable because native sample concentration greater than 4 x spiked concentration.
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Method: SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Fe and Mn detected in CCBs, Al, Ba, Ca, Cu, Fe, Mg, Mn, and Zn detected in MBs < CRQL; No impact on sample data.
Was a field blank collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	Y			
Was the ICS recovery within QAPP acceptance limits?	Y			Ba, Co, Cu, Se, and Zn noted in ISCA as having values > MDLs. However, all values were below their CRQLs; no impact on data.
If a field duplicate was analyzed, were the RPDs within criteria?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?		N		No MS/MSD requested.
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not Required
Were the MS/MSD within QAPP acceptance limits?			•	
Was a serial dilution prepared and analyzed with each batch?	Y			
Was the serial dilution within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y				
Method: SW7471A					
Review Questions	Yes	No	NA	Comment	
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y				
Were samples preserved properly and received in good condition?	Y				
Were holding times met?	Y				
Were sample receipt temperatures met?		N			One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y				
Were all QAPP specified target analytes reported?	Y				
Was the initial calibration curve within QAPP acceptance limits?			•		Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y				
Were ICV/CCV results within QAPP acceptance limits?	Y				
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y				
Was a method blank prepared and analyzed with each batch?	Y				
Were target analytes detected in the ICB/CCB/method blank?		N			
Was a field blank collected and analyzed?		N			Not Required
Were target analytes reported in the field blank analyses above the MDL?			•		
Was the ICS recovery within QAPP acceptance limits?			•		Not Required
If a field duplicate was analyzed, were the RPDs within criteria?	Y				
Was a LCS prepared and analyzed with each batch?	Y				
Were the LCS recoveries within QAPP acceptance limits?	Y				
Was a MS/MSD pair prepared with each batch?		N			No MS/MSD requested.
Is the MS/MSD parent sample the one designated by the sampling team?			•		Not Required
Were the MS/MSD within QAPP acceptance limits?			•		
Were sample concentrations within calibration range?	Y				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y				
Are all samples associated with QC non-compliances flagged appropriately?	Y				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y				
Method: SW8081					
Review Questions	Yes	No	NA	Comment	
Did Chain-of-Custody information agree with laboratory report?	Y				

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Were samples preserved properly and received in good condition?	Y		
Were sample receipt temperatures met?		N	One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y		
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y		
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y		
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y		
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y		
Was the CCV a mid-level standard from the initial calibration curve?	Y		
Was the CCV %D within criteria (%D =20%)?		N	Numerous %D outside criteria in one pair of CCVs, impacting sample 1. All sample 1 results except 4,4'-DDE and endrin ketone are impacted. All other compounds are qualified in sample 1. %Ds outside QC criteria for Heptachlor epoxide and toxaphene in one pair of CCVs, impacting samples 3 and 5. Heptachlor epoxide and toxaphene are qualified in samples 3 and 5.
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?		N	
Was a field blank (equipment or trip) collected and analyzed?		N	Not Required
Were target analytes reported in the field blank analyses above the MDL?			•
Were surrogate recoveries within QAPP acceptance limits?	Y		Sample 1 TCX > QC criteria in both columns; sample results ND, no impact. Sample 5 surrogates below QC criteria (< 10%) in both columns; results (ND) Rejected for sample 5.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y		Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			• No field duplicate submitted.
Were the Breakdown products within QAPP acceptance limits?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?	Y		Several MS spikes below RLs due to dilution of sample. (All samples in set diluted X50).
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y		
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?			• No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y		

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y
Were sample preparation sheets present and filled out appropriately?	Y
Were instrument run logs present and filled out appropriately?	Y

Method: SW8082				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?		N		Samples 5, 6, and 17 were re-extracted and re-analyzed due to surrogates outside QC criteria in the initial analytical run. Re-extractions were performed outside of holding time. Results for samples 5, 6, and 17 (reported from re-analysis) are considered estimated (all ND).
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			•	Not Required
Were surrogate recoveries within QAPP acceptance limits?	Y			See note above. Original data for 5, 6, and 17 not reported.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Were the Breakdown products within QAPP acceptance limits?			•	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD specifically requested for this analysis. Lab chose sample 6 to perform MS/MSD.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?		•		No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: SW8151

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?		N		%D for MCP and MCPA outside QC criteria; impacting those compounds for samples 3 and 4.
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			•	Not Required
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Were the Breakdown products within QAPP acceptance limits?		•	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y		
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?		•	No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y		MCPA recovery below QC criteria in opening MRL; impacted results in samples 3 and 4.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Was the CCV a mid-level standard from the initial calibration curve?	Y	
Did the CCCs have a %Difference within QAPP acceptance limits?	Y	
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	N	I.S. area for DCB below QC limits for sample 3 (potential positive bias). Given that the only compound quantitated using DCB on the target analyte list is 1,1,2,2,-TCA, and TCA is ND, there is no impact to the data.
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	Acetone, 2-hexanone, methylene chloride, and 4-methyl-2-pentanone detected in MBs < CRQL. Acetone for sample 2, 2-hexanone for samples 3 and 5, methylene chloride for samples 2 and 5, and 4-methyl-2-pentanone for samples 3 and 5 were impacted (results changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y	2 Trip blank submitted.
Were target analytes reported in the field blank analyses above the MDL?	Y	Methylene chloride detected < CRQL in first TB, impacting sample 2 and 5 (results changed to ND).
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		•
Was the duplicate RPD within QAPP acceptance limits?		•
Are all samples associated with QC non-compliances flagged appropriately?	Y	2-Hexanone recovery below QC criteria in one MRL; impacted results in samples 1, 3, 5, 7-11, and 13-16. Methylene chloride recovery above QC criteria in one MRL; impacted result for sample 5.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	N	Sample 1 MS/MSD - all % recoveries and RPDs within QC criteria. Sample 3 MS/MSD - % recoveries for ethyl benzene below QC criteria in MS and for 1,1,2,2-TCA above QC criteria. Ethylbenzene result in sample 3 qualified. No impact to ND 1,1,2,2,-TCA result. RPD for 1,1,2,2-TCA exceeds

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

criteria. No impact to ND result. Sample 5 - all % recoveries and RPDs within QC criteria. Lab miscalculated RD for acetone from different spiked concentration; actual RPD ok.

Were surrogate recoveries within QAPP acceptance limits?	N	Surrogate recovery below QC criteria for sample 3. All results for sample 3 qualified/considered estimates.

Were reported sample concentrations within calibration range?	Y
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y
Were instrument run logs present and filled out appropriately?	Y
Were sample preparation sheets present and filled out appropriately?	Y

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified PQLs achieved?	Y			Samples 1-6 and 21-22 diluted X 10. Samples 22 and 23 diluted X 4.
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?		N		2,4-Dichlorobiphenyl, di-n-butyl phthalate, and fluoranthene %D>20% in ICV; Samples 1-6 and 17-23 impacted.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	BEHP detected in one MB; impacted results in samples 17, 18, and 19 (changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	N	Not Required
Were target analytes reported in the field blank analyses above the MDL?		•
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	N	The RPD for chrysene for samples 1/2 is outside QC criteria. The chrysene results for this pair are qualified as estimates.
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		•
Was the duplicate RPD within QAPP acceptance limits?		• No Lab duplicate
Are all samples associated with QC non-compliances flagged appropriately?	Y	Benzo(g,h,i)perylene and 2,4-dinitrophenol recoveries were below QC criteria in one MRL; results for samples 1-6 impacted/considered estimates. N-Nitrosodiphenylamine recoveries were below QC criteria (0%) in two MRLs; ND results for samples 1-6 and 14-19 are Rejected. Di-n-octyl phthalate recovery was above QC criteria in one MRL. Given that the associated data was ND, there is no impact.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	N	Sample 1 MS/MSD - 4-chloroaniline result in sample 1 was Rejected due to 0% recoveries in MS and MSD. Due to recoveries below QC criteria in MSD, the following results for sample 1 are considered estimates: benzo(g,h,i] perylene, dibenz(a,h)anthracene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, fluorene, and 2-Methylnaphthalene. % recoveries for n-nitrosodiphenyl amine were above QC criteria; however, as result was ND in sample, there was no impact. All RPDs within QC criteria. Sample 3 MS/MSD - - 4-chloroaniline result in sample 3 was Rejected due to 0% recoveries in MS and MSD. Due to recoveries below QC criteria in MS and/or MSD, the following

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

results for sample 1 are considered estimates: benzo(g,h,i] perylene, bis(2-chloroethoxy)methane, dibenz(a,h)anthracene, , 1,2-dichlorobenzene, Indeno (1,2,3-cd) pyrene, and 1,2,4-trichlorobenzene. All RPDs within QC criteria.
Sample 5 MS/MSD - benzo(a)pyrene is considered an estimate due to MS recovery below QC criteria. All RPDs within QC criteria.

Were surrogate recoveries within QAPP acceptance limits?	N	One base/neutral surrogate recovered below QC limits for sample 20. All base/neutral compounds are considered estimates in that sample. One acid surrogate recovered below QC limits for sample 21; all acid compounds are considered estimates in that sample.
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were instrument run logs present and filled out appropriately?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	

Method: SW8330B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			CCVLs had results >20%; lab performed required corrective action.
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?		N		Sample 1 surrogate recovery above QC criteria in confirmation

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

		column only. All results ND; no impact
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y	Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		•
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?		• No field duplicate submitted
Is the MS/MSD parent sample the one designated by the sampling team?	N	No MS/MSD specifically requested for this analysis. Lab chose sample 1 to perform MS/MSD.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?		• All results ND
Did PDA spectra for reported compounds match associated standard spectra?		• Not required
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	
Were instrument run logs present and filled out appropriately?	Y	

WORKSHEET 7

**Automated Data Review Summary for 240-18703-1
Site Samples and Rinsate Water**

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor: ECC

SDG: 240-18703-1_(72-SB_76-TB), Certified - 1/10/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-18703-1_(72-SB_76-TB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	1	1	1	0
M8015D/NONE	13	1	4	0
M8015V/NONE	13	6	4	0
SW6020/NONE	13	1	4	0
SW7470A/NONE		1		0
SW7471A/NONE	13		4	
SW8081/NONE	1	1	1	0

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8082/NONE	1	1	1	0
SW8151/NONE	5	1	1	0
SW8260B/NONE	13	6	4	0
SW8270C/NONE	13	1	4	0
SW8330B/NONE	1	1	1	0

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18703-1_(72-SB_76-TB). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- Lab Replicate RPD
- LCS Recovery
- LCS RPD
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

- Continuing Calibration Verification
- Equipment Blank
- Field Blank
- Initial Calibration Verification
- Material Blank
- Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 182 results (8.30%) out of the 2192 results (sample and field QC samples) reported are qualified based on review and 16 results (0.73%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

M8015V	
SW6020	
SW7470A	
SW7471A	
SW8081	
SW8082	
SW8151	
SW8260B	
SW8270C	
SW8330B	

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
M	MS Recovery
N	Blank - No Action
O	ICS
P	Sample preservation/collection requirement not met.

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reason and Comment Code Definitions

P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
8137	7638	NA	LABQC	SQ	LABQC	MB 320-7571/1-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:16 PM	LB
	7638	NA	LABQC	SQ	LABQC	LCS 320-7571/2-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:18 PM	BS
	7638	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:16 PM	FD
	7638	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	20-Dec-2012 8:01 AM	20-Dec-2012 1:18 PM	N
8009	7878	NA	LABQC	WQ	LABQC	MB 320-7816/1-B		1/1	27-Dec-2012 6:07 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:33 PM	LB
	7878	NA	LABQC	WQ	LABQC	LCS 320-7816/2-B		1/1	27-Dec-2012 6:07 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:35 PM	BS
	7878	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:37 PM	N
	7878	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:39 PM	MS
	7878	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:41 PM	SD
Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68949	68549	NA	LABQC	WQ	LABQC	MB 240-68549/15-A		1/1	13-Dec-2012 11:26 AM	13-Dec-2012 11:26 AM	17-Dec-2012 2:33 PM	LB
	68549	NA	LABQC	WQ	LABQC	LCS 240-68549/16-A		1/1	13-Dec-2012 11:26 AM	13-Dec-2012 11:26 AM	17-Dec-2012 3:03 PM	BS
	68549	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:26 AM	17-Dec-2012 3:34 PM	N
70006	69559	NA	LABQC	SQ	LABQC	MB 240-69559/17-A		1/1	20-Dec-2012 9:27 AM	20-Dec-2012 9:27 AM	24-Dec-2012 4:32 PM	LB
	69559	NA	LABQC	SQ	LABQC	LCS 240-69559/18-A		1/1	20-Dec-2012 9:27 AM	20-Dec-2012 9:27 AM	24-Dec-2012 5:11 PM	BS
	69559	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	20-Dec-2012 9:27 AM	24-Dec-2012 6:29 PM	N
	69559	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:27 AM	24-Dec-2012 7:08 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70006	69559	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:27 AM	24-Dec-2012 7:47 PM	MS
	69559	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:27 AM	24-Dec-2012 8:26 PM	SD
	69559	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	20-Dec-2012 9:27 AM	24-Dec-2012 9:05 PM	N
	69559	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	20-Dec-2012 9:27 AM	24-Dec-2012 9:44 PM	N
	69559	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:27 AM	24-Dec-2012 10:23 PM	N
	69559	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:27 AM	24-Dec-2012 11:41 PM	FD
	69559	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	20-Dec-2012 9:27 AM	25-Dec-2012 12:20 AM	N
	69794	NA	LABQC	SQ	LABQC	MB 240-69794/6-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 1:37 AM	LB
	69794	NA	LABQC	SQ	LABQC	LCS 240-69794/7-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 2:16 AM	BS
	69794	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	21-Dec-2012 11:38 AM	25-Dec-2012 4:51 AM	N
	69794	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	21-Dec-2012 11:38 AM	25-Dec-2012 5:30 AM	N
70185	69985	NA	LABQC	SQ	LABQC	MB 240-69985/23-A		1/1	24-Dec-2012 9:40 AM	24-Dec-2012 9:40 AM	27-Dec-2012 1:44 PM	LB
	69985	NA	LABQC	SQ	LABQC	LCS 240-69985/24-A		1/1	24-Dec-2012 9:40 AM	24-Dec-2012 9:40 AM	27-Dec-2012 2:14 PM	BS
	69985	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	24-Dec-2012 9:40 AM	27-Dec-2012 2:45 PM	N
	69985	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	24-Dec-2012 9:40 AM	27-Dec-2012 3:15 PM	N
	69985	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	24-Dec-2012 9:40 AM	27-Dec-2012 3:45 PM	N
	69985	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	24-Dec-2012 9:40 AM	27-Dec-2012 4:15 PM	N
	69985	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	24-Dec-2012 9:40 AM	27-Dec-2012 4:45 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70185	69985	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	24-Dec-2012 9:40 AM	27-Dec-2012 5:16 PM	N
	69985	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	24-Dec-2012 9:40 AM	27-Dec-2012 5:46 PM	FD
	69985	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	24-Dec-2012 9:40 AM	27-Dec-2012 6:17 PM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69738	NA	NA	LABQC	SQ	LABQC	MB 240-69738/52		1/1	22-Dec-2012 6:53 PM		22-Dec-2012 6:53 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-69738/53		1/1	22-Dec-2012 7:32 PM		22-Dec-2012 7:32 PM	BS
	69885	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	11-Dec-2012 6:35 PM	22-Dec-2012 8:11 PM	N
	69885	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	11-Dec-2012 6:35 PM	22-Dec-2012 8:49 PM	N
	69885	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	11-Dec-2012 6:35 PM	22-Dec-2012 9:27 PM	N
	69885	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	22-Dec-2012 10:06 PM	N
	69885	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	22-Dec-2012 10:44 PM	FD
	69885	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	11-Dec-2012 6:35 PM	22-Dec-2012 11:22 PM	N
	69885	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	11-Dec-2012 6:35 PM	23-Dec-2012 12:00 AM	N
	69885	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	11-Dec-2012 6:35 PM	23-Dec-2012 1:16 AM	N
	69885	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	11-Dec-2012 6:35 PM	23-Dec-2012 1:54 AM	N
	69885	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	11-Dec-2012 6:35 PM	23-Dec-2012 2:31 AM	N
	69885	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	11-Dec-2012 6:35 PM	23-Dec-2012 3:09 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69738	69885	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	23-Dec-2012 3:47 AM	N
	69885	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	23-Dec-2012 4:24 AM	FD
	69885	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	11-Dec-2012 6:35 PM	23-Dec-2012 5:02 AM	N
	69885	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	11-Dec-2012 6:35 PM	23-Dec-2012 5:39 AM	FD
	69885	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	11-Dec-2012 6:35 PM	23-Dec-2012 6:17 AM	N
69965	69748	NA	LABQC	SQ	LABQC	MB 240-69748/1-A		1/1	21-Dec-2012 9:33 AM	21-Dec-2012 9:33 AM	24-Dec-2012 11:04 AM	LB
	69748	NA	LABQC	SQ	LABQC	LCS 240-69748/2-A		1/1	21-Dec-2012 9:33 AM	21-Dec-2012 9:33 AM	24-Dec-2012 11:43 AM	BS
	69748	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/2	10-Dec-2012 10:45 AM	21-Dec-2012 9:33 AM	24-Dec-2012 12:21 PM	FD
	69748	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		2/1	10-Dec-2012 2:00 PM	21-Dec-2012 9:33 AM	24-Dec-2012 1:36 PM	FD
	69748	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		2/1	10-Dec-2012 3:16 PM	21-Dec-2012 9:33 AM	24-Dec-2012 2:51 PM	FD
70834	69748	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		2/2	10-Dec-2012 10:45 AM	21-Dec-2012 9:33 AM	03-Jan-2013 4:56 AM	FD
69738	69738	NA	LABQC	WQ	LABQC	MB 240-69738/36		1/1	22-Dec-2012 8:46 AM	22-Dec-2012 8:46 AM	22-Dec-2012 8:46 AM	LB
	69738	NA	LABQC	WQ	LABQC	LCS 240-69738/37		1/1	22-Dec-2012 9:24 AM	22-Dec-2012 9:24 AM	22-Dec-2012 9:24 AM	BS
	69738	NA	76-U3-UST-SB4	WG	076SB-0143-0001-TB	240-18703-5		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 10:01 AM	22-Dec-2012 10:01 AM	N
	69738	NA	76-U3-UST-SB5	WG	076SB-0144-0001-TB	240-18703-6		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 10:39 AM	22-Dec-2012 10:39 AM	N
	69738	NA	76-U3-UST-SB6	WG	076SB-0145-0001-TB	240-18703-7		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 11:16 AM	22-Dec-2012 11:16 AM	N
	69738	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	22-Dec-2012 11:54 AM	22-Dec-2012 11:54 AM	N
	69738	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	22-Dec-2012 12:32 PM	22-Dec-2012 12:32 PM	MS

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69738	69738	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	22-Dec-2012 1:10 PM	22-Dec-2012 1:10 PM	SD
	69738	NA	76-A1-UST-SB3	WG	076-0141-0001-TB	240-18703-25		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 1:47 PM	22-Dec-2012 1:47 PM	N
	69738	NA	76-A6-UST-SB13	WG	076-0142-0001-TB	240-18703-26		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 3:02 PM	22-Dec-2012 3:02 PM	N
Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59694	59183	NA	LABQC	SQ	LABQC	MB 180-59183/1-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:33 PM	LB
	59183	NA	LABQC	SQ	LABQC	LCS 180-59183/2-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:37 PM	BS
	59183	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:51 AM	N
	59308	NA	LABQC	WQ	LABQC	MB 180-59308/1-A		1/1	24-Dec-2012 10:24 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:45 AM	LB
	59308	NA	LABQC	WQ	LABQC	LCS 180-59308/2-A		1/1	24-Dec-2012 10:24 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:50 AM	BS
	59308	NA	LABQC	WQ	LABQC	LCSD 180-59308/3-A		1/1	24-Dec-2012 10:24 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:54 AM	BD
	59308	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:58 AM	N
59733	59442	NA	LABQC	SQ	LABQC	MB 180-59442/1-A		1/1	27-Dec-2012 7:50 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:29 PM	LB
	59442	NA	LABQC	SQ	LABQC	LCS 180-59442/2-A		1/1	27-Dec-2012 7:50 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:33 PM	BS
	59442	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:38 PM	FD
	59442	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:42 PM	N
	59442	NA	72-2F11-R41-SB2	SO	072SB-0083-0002-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:51 PM	MS
	59442	NA	72-2F11-R41-SB2	SO	072SB-0083-0002-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:55 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59733	59442	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:03 PM	N
	59442	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:08 PM	N
	59442	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:27 PM	FD
	59442	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:32 PM	N
	59442	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:36 PM	N
	59442	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:40 PM	N
	59442	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:44 PM	N
	59442	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:49 PM	N
	59442	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:53 PM	N
	59442	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:57 PM	N
	59442	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:02 PM	FD
	59442	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:06 PM	N
	59442	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:26 PM	FD
	59442	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:30 PM	N
Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70694	70255	NA	LABQC	WQ	LABQC	MB 240-70255/1-A		1/1	27-Dec-2012 4:00 PM	27-Dec-2012 4:00 PM	29-Dec-2012 11:59 AM	LB
	70255	NA	LABQC	WQ	LABQC	LCS 240-70255/2-A		1/1	27-Dec-2012 4:00 PM	27-Dec-2012 4:00 PM	29-Dec-2012 12:00 PM	BS

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Batch Report

Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70694	70255	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 4:00 PM	29-Dec-2012 12:06 PM	N
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69324	69021	NA	LABQC	SQ	LABQC	MB 240-69021/1-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:17 AM	LB
	69021	NA	LABQC	SQ	LABQC	LCS 240-69021/2-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:19 AM	BS
	69021	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:01 PM	N
70525	70273	NA	LABQC	SQ	LABQC	MB 240-70273/1-A		1/1	27-Dec-2012 3:25 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:34 PM	LB
	70273	NA	LABQC	SQ	LABQC	LCS 240-70273/2-A		1/1	27-Dec-2012 3:25 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:35 PM	BS
	70273	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:38 PM	FD
	70273	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:40 PM	LR
	70273	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:42 PM	MS
	70273	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:44 PM	N
	70273	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:46 PM	N
	70273	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:48 PM	N
	70273	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:50 PM	N
	70273	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:52 PM	FD
	70273	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:58 PM	N
	70273	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:00 PM	N

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Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70525	70273	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:02 PM	N
	70273	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:04 PM	N
	70273	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	27-Dec-2012 3:25 PM	28-Dec-2012 5:06 PM	N
	70273	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:10 PM	FD
	70273	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:12 PM	FD
	70273	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 3:25 PM	28-Dec-2012 5:16 PM	N
	70273	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	27-Dec-2012 3:25 PM	28-Dec-2012 5:22 PM	N
	70273	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:24 PM	N
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69152	68554	NA	LABQC	WQ	LABQC	LCS 240-68554/5-A		1/1	13-Dec-2012 11:40 AM	13-Dec-2012 11:40 AM	18-Dec-2012 12:18 PM	BS
	68554	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:40 AM	18-Dec-2012 12:46 PM	N
	68554	NA	LABQC	WQ	LABQC	MB 240-68554/4-A		1/1	13-Dec-2012 11:40 AM	13-Dec-2012 11:40 AM	18-Dec-2012 2:09 PM	LB
69893	69596	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/5	10-Dec-2012 10:45 AM	20-Dec-2012 11:14 AM	22-Dec-2012 10:07 PM	FD
	69596	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	20-Dec-2012 11:14 AM	22-Dec-2012 10:31 PM	N
	69596	NA	LABQC	SQ	LABQC	MB 240-69596/9-A		1/1	20-Dec-2012 11:14 AM	20-Dec-2012 11:14 AM	23-Dec-2012 12:59 AM	LB
	69596	NA	LABQC	SQ	LABQC	LCS 240-69596/10-A		1/1	20-Dec-2012 11:14 AM	20-Dec-2012 11:14 AM	23-Dec-2012 1:23 AM	BS

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Batch Report

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69119	68553	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:37 AM	18-Dec-2012 8:56 AM	N
	68553	NA	LABQC	WQ	LABQC	MB 240-68553/4-A		1/1	13-Dec-2012 11:37 AM	13-Dec-2012 11:37 AM	18-Dec-2012 9:41 AM	LB
	68553	NA	LABQC	WQ	LABQC	LCS 240-68553/5-A		1/1	13-Dec-2012 11:37 AM	13-Dec-2012 11:37 AM	18-Dec-2012 9:56 AM	BS
69879	69585	NA	LABQC	SQ	LABQC	MB 240-69585/23-A		1/1	20-Dec-2012 10:35 AM	20-Dec-2012 10:35 AM	22-Dec-2012 6:30 AM	LB
69978	69585	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 10:35 AM	24-Dec-2012 1:20 PM	FD
	69585	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	20-Dec-2012 10:35 AM	24-Dec-2012 1:35 PM	N
	69585	NA	LABQC	SQ	LABQC	LCS 240-69585/24-A		1/1	20-Dec-2012 10:35 AM	20-Dec-2012 10:35 AM	24-Dec-2012 2:07 PM	BS

Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68956	68522	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 9:53 AM	17-Dec-2012 3:53 PM	N
	68522	NA	LABQC	WQ	LABQC	MB 240-68522/21-A		1/1	13-Dec-2012 9:53 AM	13-Dec-2012 9:53 AM	17-Dec-2012 4:16 PM	LB
	68522	NA	LABQC	WQ	LABQC	LCS 240-68522/22-A		1/1	13-Dec-2012 9:53 AM	13-Dec-2012 9:53 AM	17-Dec-2012 4:40 PM	BS
69890	69221	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	18-Dec-2012 11:08 AM	22-Dec-2012 8:29 PM	N
	69221	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	18-Dec-2012 11:08 AM	22-Dec-2012 8:53 PM	N
	69221	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	18-Dec-2012 11:08 AM	22-Dec-2012 9:16 PM	FD
	69221	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	18-Dec-2012 11:08 AM	22-Dec-2012 10:27 PM	N
	69221	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	18-Dec-2012 11:08 AM	22-Dec-2012 10:50 PM	N
	69221	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	18-Dec-2012 11:08 AM	22-Dec-2012 11:14 PM	N

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Batch Report

Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69890	69221	NA	LABQC	SQ	LABQC	MB 240-69221/23-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 3:56 AM	LB
	69221	NA	LABQC	SQ	LABQC	LCS 240-69221/24-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 4:19 AM	BS
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68905	NA	NA	LABQC	SQ	LABQC	LCS 240-68905/6		1/1	17-Dec-2012 12:47 AM		17-Dec-2012 12:47 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68905/7		1/1	17-Dec-2012 1:09 AM		17-Dec-2012 1:09 AM	LB
69093	NA	NA	LABQC	SQ	LABQC	LCS 240-69093/7		1/1	18-Dec-2012 12:15 AM		18-Dec-2012 12:15 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-69093/8		1/1	18-Dec-2012 12:37 AM		18-Dec-2012 12:37 AM	LB
68905	68832	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	11-Dec-2012 6:35 PM	17-Dec-2012 2:03 AM	N
	68832	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	11-Dec-2012 6:35 PM	17-Dec-2012 10:12 AM	FD
69093	68832	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	11-Dec-2012 6:35 PM	18-Dec-2012 1:10 AM	N
	68832	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	11-Dec-2012 6:35 PM	18-Dec-2012 1:31 AM	N
	68832	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	11-Dec-2012 6:35 PM	18-Dec-2012 1:52 AM	N
	68832	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	18-Dec-2012 2:14 AM	N
	68832	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	18-Dec-2012 2:35 AM	FD
	68832	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	11-Dec-2012 6:35 PM	18-Dec-2012 3:18 AM	N
	68832	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	11-Dec-2012 6:35 PM	18-Dec-2012 4:00 AM	N
	68832	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	11-Dec-2012 6:35 PM	18-Dec-2012 4:21 AM	N

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Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69093	68832	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	18-Dec-2012 5:04 AM	FD
	68832	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	11-Dec-2012 6:35 PM	18-Dec-2012 5:25 AM	N
	68832	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	11-Dec-2012 6:35 PM	18-Dec-2012 5:46 AM	FD
	68832	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	11-Dec-2012 6:35 PM	18-Dec-2012 6:08 AM	N
	68832	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	11-Dec-2012 6:35 PM	18-Dec-2012 6:50 AM	N
	68832	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	11-Dec-2012 6:35 PM	18-Dec-2012 7:11 AM	N
	68832	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	18-Dec-2012 8:15 AM	N
69591	69591	NA	LABQC	WQ	LABQC	LCS 240-69591/4		1/1	20-Dec-2012 12:21 PM	20-Dec-2012 12:21 PM	20-Dec-2012 12:21 PM	BS
	69591	NA	LABQC	WQ	LABQC	MB 240-69591/6		1/1	20-Dec-2012 1:05 PM	20-Dec-2012 1:05 PM	20-Dec-2012 1:05 PM	LB
	69591	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	20-Dec-2012 1:42 PM	20-Dec-2012 1:42 PM	N
	69591	NA	76-U3-UST-SB1	WG	076SB-0137-0001-TB	240-18703-2		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 2:47 PM	20-Dec-2012 2:47 PM	N
	69591	NA	76-U3-UST-SB2	WG	076SB-0138-0001-TB	240-18703-3		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 3:09 PM	20-Dec-2012 3:09 PM	N
	69591	NA	76-U3-UST-SB3	WG	076SB-0139-0001-TB	240-18703-4		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 3:31 PM	20-Dec-2012 3:31 PM	N
	69591	NA	76-A1-UST-SB3	WG	076-0141-0001-TB	240-18703-25		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 3:53 PM	20-Dec-2012 3:53 PM	N
	69591	NA	76-A6-UST-SB13	WG	076-0142-0001-TB	240-18703-26		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 4:15 PM	20-Dec-2012 4:15 PM	N
	69591	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	20-Dec-2012 4:58 PM	20-Dec-2012 4:58 PM	MS
	69591	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	20-Dec-2012 5:20 PM	20-Dec-2012 5:20 PM	SD

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Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68962	68547	NA	LABQC	WQ	LABQC	MB 240-68547/18-A		1/1	13-Dec-2012 11:21 AM	13-Dec-2012 11:21 AM	17-Dec-2012 11:18 AM	LB
	68547	NA	LABQC	WQ	LABQC	LCS 240-68547/19-A		1/1	13-Dec-2012 11:21 AM	13-Dec-2012 11:21 AM	17-Dec-2012 11:41 AM	BS
	68547	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:21 AM	17-Dec-2012 12:04 PM	N
69988	69569	NA	LABQC	SQ	LABQC	MB 240-69569/23-A		1/1	20-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 11:20 AM	LB
	69569	NA	LABQC	SQ	LABQC	LCS 240-69569/24-A		1/1	20-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 11:45 AM	BS
	69569	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	20-Dec-2012 9:55 AM	24-Dec-2012 1:50 PM	N
	69569	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:55 AM	24-Dec-2012 2:15 PM	FD
	69569	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	20-Dec-2012 9:55 AM	24-Dec-2012 2:39 PM	N
	69569	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	20-Dec-2012 9:55 AM	24-Dec-2012 3:04 PM	N
	69569	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:55 AM	24-Dec-2012 3:29 PM	N
	69569	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:55 AM	24-Dec-2012 3:54 PM	FD
	69569	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	20-Dec-2012 9:55 AM	24-Dec-2012 4:19 PM	N
	69569	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	20-Dec-2012 9:55 AM	24-Dec-2012 4:44 PM	N
	69569	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	20-Dec-2012 9:55 AM	24-Dec-2012 5:09 PM	N
	69569	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 5:34 PM	N
	69569	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	20-Dec-2012 9:55 AM	24-Dec-2012 5:59 PM	N
	69569	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	20-Dec-2012 9:55 AM	24-Dec-2012 6:24 PM	N
	69569	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	20-Dec-2012 9:55 AM	24-Dec-2012 6:49 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69988	69569	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	20-Dec-2012 9:55 AM	24-Dec-2012 7:14 PM	N
	69569	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	20-Dec-2012 9:55 AM	24-Dec-2012 7:39 PM	FD
70697	69614	NA	LABQC	SQ	LABQC	MB 240-69614/23-A		1/1	20-Dec-2012 12:23 PM	20-Dec-2012 12:23 PM	31-Dec-2012 12:16 PM	LB
	69614	NA	LABQC	SQ	LABQC	LCS 240-69614/24-A		1/1	20-Dec-2012 12:23 PM	20-Dec-2012 12:23 PM	31-Dec-2012 12:39 PM	BS
	69614	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	20-Dec-2012 12:23 PM	31-Dec-2012 1:03 PM	N
	69993	NA	LABQC	SQ	LABQC	MB 240-69993/23-A		1/1	24-Dec-2012 9:50 AM	24-Dec-2012 9:50 AM	31-Dec-2012 11:30 AM	LB
	69993	NA	LABQC	SQ	LABQC	LCS 240-69993/24-A		1/1	24-Dec-2012 9:50 AM	24-Dec-2012 9:50 AM	31-Dec-2012 11:53 AM	BS
	69993	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	24-Dec-2012 9:50 AM	31-Dec-2012 1:26 PM	N
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7404	NA	LABQC	WQ	LABQC	MB 320-7404/1-A		1/1	14-Dec-2012 11:07 AM	14-Dec-2012 11:07 AM	21-Dec-2012 1:22 PM	LB
	7404	NA	LABQC	WQ	LABQC	LCS 320-7404/2-A		1/1	14-Dec-2012 11:07 AM	14-Dec-2012 11:07 AM	21-Dec-2012 2:02 PM	BS
	7404	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	14-Dec-2012 11:07 AM	21-Dec-2012 2:42 PM	N
	7444	NA	LABQC	SQ	LABQC	MB 320-7444/1-A		1/1	17-Dec-2012 10:34 AM	17-Dec-2012 10:34 AM	20-Dec-2012 7:07 AM	LB
	7444	NA	LABQC	SQ	LABQC	LCS 320-7444/2-A		1/1	17-Dec-2012 10:34 AM	17-Dec-2012 10:34 AM	20-Dec-2012 7:47 AM	BS
	7444	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	17-Dec-2012 10:34 AM	20-Dec-2012 9:54 PM	FD
	7444	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	17-Dec-2012 10:34 AM	20-Dec-2012 10:34 PM	N
7855	7464	NA	LABQC	SQ	LABQC	MB 320-7464/1-A		1/1	17-Dec-2012 11:57 AM	17-Dec-2012 11:57 AM	26-Dec-2012 8:00 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7855	7464	NA	LABQC	SQ	LABQC	LCS 320-7464/2-A		1/1	17-Dec-2012 11:57 AM	17-Dec-2012 11:57 AM	26-Dec-2012 8:14 PM	BS
	7464	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		2/1	10-Dec-2012 10:45 AM	17-Dec-2012 11:57 AM	27-Dec-2012 1:02 AM	FD
	7464	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		2/1	10-Dec-2012 1:45 PM	17-Dec-2012 11:57 AM	27-Dec-2012 1:16 AM	N
	7807	NA	LABQC	WQ	LABQC	MB 320-7807/1-A		1/1	24-Dec-2012 12:40 PM	24-Dec-2012 12:40 PM	27-Dec-2012 3:25 AM	LB
	7807	NA	LABQC	WQ	LABQC	LCS 320-7807/2-A		1/1	24-Dec-2012 12:40 PM	24-Dec-2012 12:40 PM	27-Dec-2012 3:54 AM	BS
	7807	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		2/1	11-Dec-2012 10:30 AM	24-Dec-2012 12:40 PM	27-Dec-2012 4:08 AM	N
	7807	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	24-Dec-2012 12:40 PM	27-Dec-2012 4:23 AM	MS
	7807	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	24-Dec-2012 12:40 PM	27-Dec-2012 4:37 AM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
E353.2 / METHOD/NONE	Blank	MB 320-7571/1-B (LB) / MB 320-7571/1-B	1 / 1.00	Nitrocellulose	1.3 (MG/KG)	U/None	< 0.78	< 5	L		1	1.31
E353.2 / METHOD/NONE	Test Hold Time	076-0140-0001-ER (N) / 240-18703-24	1 / 1.00	Nitrocellulose	16.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
M8015V / SW5035/NONE	Surrogate	072SB-0077-0001-SO (FD) / 240-18703-20	1 / 1.00	1,1,1-Trifluorotoluene	329 (PERCENT)	J/None	10 - 150	10 - 150	I			
M8015V / SW5035/NONE	Surrogate	072SB-0080-0001-SO (FD) / 240-18703-22	1 / 1.00	1,1,1-Trifluorotoluene	231 (PERCENT)	J/None	10 - 150	10 - 150	I			
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Aluminum	0.52 (MG/KG)	U/None	< 0.28	< 3	L		1	0.515
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.011	< 1	L		1	0.0133
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Calcium	2.8 (MG/KG)	U/None	< 1.3	< 10	L		1	2.78
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Iron	1.1 (MG/KG)	U/None	< 1.1	< 5	L		1	1.12
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Nickel	0.013 (MG/KG)	U/None	< 0.011	< 0.1	L		1	0.0132
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Zinc	0.14 (MG/KG)	U/None	< 0.065	< 0.5	L		1	0.141
SW6020 / SW3050B/NONE	Blank	MB 180-59442/1-A (LB) / MB 180-59442/1-A	1 / 1.00	Barium	0.012 (MG/KG)	U/None	< 0.01	< 0.95	L		1	0.0122
SW6020 / SW3050B/NONE	Blank	MB 180-59442/1-A (LB) / MB 180-59442/1-A	1 / 1.00	Calcium	2.2 (MG/KG)	U/None	< 1.3	< 9.5	L		1	2.18
SW6020 / SW3050B/NONE	Blank	MB 180-59442/1-A (LB) / MB 180-59442/1-A	1 / 1.00	Iron	1.2 (MG/KG)	U/None	< 1	< 4.8	L		1	1.19
SW6020 / TOTAL/NONE	Blank	MB 180-59308/1-A (LB) / MB 180-59308/1-A	1 / 1.00	Aluminum	6.5 (UG/L)	U/None	< 2.6	< 30	L		1	6.47
SW6020 / TOTAL/NONE	Blank	MB 180-59308/1-A (LB) / MB 180-59308/1-A	1 / 1.00	Iron	19.2 (UG/L)	U/None	< 11	< 50	L		1	19.2
SW8082 / SW3540C/NONE	Surrogate	072SB-0082-0001-SO (FD) / 240-18703-8	1 / 1.00	Decachlorobiphenyl	151 (PERCENT)	J/None	60 - 125	10 - 125	I			
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	2-Hexanone	2.4 (UG/KG)	U/None	< 0.63	< 20	L		1	2.37
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	4-Methyl-2-pentanone (MIBK)	1.4 (UG/KG)	U/None	< 0.54	< 20	L		1	1.41
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	Methylene Chloride	1.7 (UG/KG)	U/None	< 0.67	< 5	L		2	3.46

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8260B / SW5035/NONE	Surrogate	072SB-0084-0001-SO (N) / 240-18703-10	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	82.8 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0088-0001-SO (N) / 240-18703-14	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	84.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8270C / SW3550/NONE	Blank	MB 240-69993/23-A (LB) / MB 240-69993/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	45.6 (UG/KG)	U/None	< 19	< 50	L		5	228

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Nitrocellulose	55.0	11.0	55.0 U	+	MG/KG	L
E353.2/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Nitrocellulose	49.0	9.5	49.0 U	+	MG/KG	L
E353.2/NONE	WG	076-0140-0001-ER	240-18703-24	N	Nitrocellulose	2.0	2.0	2.0 UJ	-	MG/L	H1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	C20-C34 Motor Oil Range Organics	18.0	11.0	11.0 J		MG/KG	TR
M8015D/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	C20-C34 Motor Oil Range Organics	18.0	14.0	14.0 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Petroleum Hydrocarbons C6-C12	94.0	70.0	70.0 J		UG/KG	TR/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	97.0	2200	2200 J	+	UG/KG	I/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	5000	2900	2900 J		UG/KG	TR/D1
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	5100	4200	4200 J		UG/KG	TR
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	78.0	3200	3200 J	+	UG/KG	I
M8015V/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Petroleum Hydrocarbons C6-C12	99.0	54.0	54.0 J		UG/KG	TR
M8015V/NONE	WG	076-0141-0001-TB	240-18703-25	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J		UG/L	TR
M8015V/NONE	WG	076SB-0143-0001-TB	240-18703-5	N	Petroleum Hydrocarbons C6-C12	100	29.0	29.0 J		UG/L	TR
M8015V/NONE	WG	076SB-0144-0001-TB	240-18703-6	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Selenium	0.54	0.50	0.50 J		MG/KG	TR
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Silver	0.11	0.044	0.044 J		MG/KG	TR
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Barium	1.1	56.0	56.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Manganese	0.55	330	330 J		MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Silver	0.11	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Barium	1.1	95.0	95.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Manganese	0.55	1700	1700 J		MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Silver	0.11	0.045	0.045 J		MG/KG	TR
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Silver	0.12	0.042	0.042 J		MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Selenium	0.53	0.46	0.46 J		MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Silver	0.11	0.032	0.032 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Silver	0.099	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Selenium	0.57	0.54	0.54 J		MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Silver	0.11	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Antimony	0.21	0.21	0.21 UJ		MG/KG	m
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Calcium	10.0	11000	11000 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Chromium	0.21	14.0	14.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Magnesium	10.0	8700	8700 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Potassium	10.0	1600	1600 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Selenium	0.51	0.47	0.47 J		MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Silver	0.10	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Selenium	0.55	0.49	0.49 J		MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Silver	0.11	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Antimony	0.23	0.077	0.077 J		MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Selenium	0.56	0.46	0.46 J		MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Silver	0.11	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Cadmium	0.10	0.092	0.092 J		MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Selenium	0.51	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Silver	0.10	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Selenium	0.45	0.41	0.41 J		MG/KG	TR
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Silver	0.091	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Selenium	0.50	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Silver	0.10	0.018	0.018 J		MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Selenium	0.51	0.46	0.46 J		MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Silver	0.10	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Selenium	0.52	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Silver	0.10	0.013	0.013 J		MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Thallium	0.10	0.075	0.075 J		MG/KG	TR
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Selenium	0.55	0.49	0.49 J		MG/KG	TR
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Silver	0.11	0.025	0.025 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Antimony	0.18	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Selenium	0.44	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Silver	0.088	0.025	0.025 J		MG/KG	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Aluminum	30.0	14.0	30.0 U	+	UG/L	L
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Barium	10.0	0.43	0.43 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Calcium	100	82.0	82.0 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chromium	2.0	0.76	0.76 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Cobalt	0.50	0.036	0.036 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Iron	50.0	20.0	50.0 U	+	UG/L	L
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Manganese	5.0	1.9	1.9 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Nickel	1.0	0.47	0.47 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Thallium	1.0	0.25	0.25 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Zinc	5.0	1.1	1.1 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Mercury	0.15	0.034	0.034 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Mercury	0.12	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Mercury	0.10	0.014	0.014 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Aldrin	4.6	4.6	4.6 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	alpha-Chlordane	3.4	3.4	3.4 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	alpha-Endosulfan	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	beta-BHC (beta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	beta-Endosulfan	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	delta-BHC (delta-Hexachlorocyclohexane)	4.6	4.6	4.6 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Dieldrin	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endosulfan Sulfate	3.4	3.4	3.4 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endrin	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endrin Aldehyde	3.4	3.4	3.4 UJ		UG/KG	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endrin Ketone	2.3	2.3	2.3 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	gamma-BHC (Lindane)	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	gamma-Chlordane	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Heptachlor	4.0	4.0	4.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Heptachlor Epoxide	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Methoxychlor	5.7	5.7	5.7 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	p,p'-DDD	2.3	2.3	2.3 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	p,p'-DDE	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	p,p'-DDT	2.3	2.3	2.3 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Aldrin	24.0	24.0	24.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	alpha-BHC (alpha-Hexachlorocyclohexane)	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	alpha-Chlordane	18.0	18.0	18.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	alpha-Endosulfan	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	beta-BHC (beta-Hexachlorocyclohexane)	21.0	21.0	21.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	beta-Endosulfan	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	delta-BHC (delta-Hexachlorocyclohexane)	24.0	24.0	24.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Dieldrin	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endosulfan Sulfate	18.0	18.0	18.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endrin	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endrin Aldehyde	18.0	18.0	18.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endrin Ketone	12.0	12.0	12.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	gamma-BHC (Lindane)	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	gamma-Chlordane	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Heptachlor	21.0	21.0	21.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Heptachlor Epoxide	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Methoxychlor	30.0	30.0	30.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	p,p'-DDD	12.0	12.0	12.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	p,p'-DDE	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	p,p'-DDT	12.0	12.0	12.0 UJ		UG/KG	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	WG	076-0140-0001-ER	240-18703-24	N	Toxaphene	1.9	1.9	1.9 UJ		UG/L	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	MCPA	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	MCPD	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	MCPA	9500	9500	9500 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	MCPD	9500	9500	9500 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	MCPA	9600	9600	9600 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	MCPD	9600	9600	9600 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	MCPA	10000	10000	10000 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	MCPD	10000	10000	10000 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	Dalapon	47.0	33.0	33.0 J		UG/KG	TR/P
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	MCPA	9300	9300	9300 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	MCPD	9300	9300	9300 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Dalapon	45.0	14.0	14.0 J		UG/KG	TR
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	MCPA	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	MCPD	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	WG	076-0140-0001-ER	240-18703-24	N	MCPA	400	400	400 UJ		UG/L	V2
SW8151/NONE	WG	076-0140-0001-ER	240-18703-24	N	MCPD	400	400	400 UJ		UG/L	V2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	1,2-Dichloroethane	4.4	0.82	0.82 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Bromoform	4.4	4.4	4.4 UJ		UG/KG	J
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Methylene Chloride	4.4	1.0	4.4 U		UG/KG	L
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Toluene	4.4	3.8	3.8 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzene	4.0	9.9	9.9 J		UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Ethylbenzene	4.0	22.0	22.0 J		UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Toluene	4.0	52.0	52.0 J		UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Xylenes, Total	8.0	150	150 J		UG/KG	d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzene	4.6	1.8	1.8 J		UG/KG	TR/d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Ethylbenzene	4.6	0.71	0.71 J		UG/KG	TR/d

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Toluene	4.6	6.7	6.7 J		UG/KG	d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Xylenes, Total	9.2	5.4	5.4 J		UG/KG	TR/d
SW8260B/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Toluene	7.9	5.3	5.3 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	2-Butanone (MEK)	19.0	2.9	19.0 U		UG/KG	L
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Acetone	19.0	14.0	19.0 U		UG/KG	T
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Toluene	4.8	1.7	1.7 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Toluene	4.7	2.7	2.7 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	tert-Butyl Methyl Ether (MTBE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Toluene	4.8	3.5	3.5 J	-	UG/KG	I/TR
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Xylenes, Total	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Toluene	6.0	4.3	4.3 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Toluene	4.8	2.6	2.6 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Benzene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Ethylbenzene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	tert-Butyl Methyl Ether (MTBE)	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Toluene	4.9	5.2	5.2 J	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Xylenes, Total	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Toluene	5.6	3.8	3.8 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Toluene	5.3	2.8	2.8 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Toluene	6.5	5.0	5.0 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Toluene	4.2	3.1	3.1 J		UG/KG	TR
SW8260B/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chloroform	1.0	0.58	0.58 J		UG/L	TR
SW8260B/NONE	WG	076-0141-0001-TB	240-18703-25	N	4-Methyl-2-pentanone (MIBK)	10.0	0.36	0.36 J		UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	2-Butanone (MEK)	10.0	0.60	0.60 J		UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	4-Methyl-2-pentanone (MIBK)	10.0	0.35	0.35 J		UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	2-Butanone (MEK)	10.0	0.57	0.57 J		UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	4-Methyl-2-pentanone (MIBK)	10.0	0.32	0.32 J		UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	076SB-0138-0001-TB	240-18703-3	N	2-Butanone (MEK)	10.0	0.69	0.69 J		UG/L	TR
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	2-Butanone (MEK)	10.0	0.64	0.64 J		UG/L	TR
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	4-Methyl-2-pentanone (MIBK)	10.0	0.39	0.39 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	4-Nitroaniline	230	230	230 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Benzo(b)fluoranthene	7.7	3.8	3.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Benzoic acid	770	770	770 R		UG/KG	c
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	bis(2-Ethylhexyl) Phthalate	58.0	24.0	58.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Di-n-Butyl Phthalate	58.0	58.0	58.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Acenaphthylene	7.9	7.6	7.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Anthracene	7.9	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)anthracene	7.9	55.0	55.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)pyrene	7.9	40.0	40.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(b)fluoranthene	7.9	65.0	65.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(g,h,i)perylene	7.9	34.0	34.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(k)fluoranthene	7.9	22.0	22.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzoic acid	780	780	780 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	bis(2-Ethylhexyl) Phthalate	59.0	24.0	59.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Chrysene	7.9	41.0	41.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Fluoranthene	7.9	96.0	96.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Indeno(1,2,3-c,d)pyrene	7.9	22.0	22.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Phenanthrene	7.9	47.0	47.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	2,4-Dinitrophenol	410	410	410 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Anthracene	8.2	4.8	4.8 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)anthracene	8.2	24.0	24.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)pyrene	8.2	16.0	16.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(b)fluoranthene	8.2	22.0	22.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(g,h,i)perylene	8.2	20.0	20.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(k)fluoranthene	8.2	8.9	8.9 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzoic acid	810	810	810 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Chrysene	8.2	17.0	17.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Fluoranthene	8.2	34.0	34.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Indeno(1,2,3-c,d)pyrene	8.2	10.0	10.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Phenanthrene	8.2	21.0	21.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	2,4-Dinitrophenol	430	430	430 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	3,3'-Dichlorobenzidine	130	130	130 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	4,6-Dinitro-2-Methylphenol	200	200	200 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Acenaphthylene	8.7	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Anthracene	8.7	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzoic acid	870	870	870 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Naphthalene	8.7	7.6	7.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzo(b)fluoranthene	7.8	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzoic acid	770	770	770 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	bis(2-Ethylhexyl) Phthalate	59.0	31.0	59.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Chrysene	7.8	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	4-Nitroaniline	230	230	230 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Benzoic acid	740	740	740 R		UG/KG	c
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	bis(2-Ethylhexyl) Phthalate	56.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Di-n-Butyl Phthalate	56.0	56.0	56.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(k)fluoranthene	7.8	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzoic acid	770	770	770 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Dibenzofuran	59.0	12.0	12.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Indeno(1,2,3-c,d)pyrene	7.8	7.6	7.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Naphthalene	7.8	7.0	7.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	2,4-Dinitrophenol	380	380	380 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Benzoic acid	760	760	760 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	2,4-Dinitrophenol	380	380	380 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Benzoic acid	760	760	760 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Chrysene	7.7	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Benzoic acid	770	770	770 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	2,4-Dinitrophenol	380	380	380 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Benzoic acid	760	760	760 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	2,4-Dinitrophenol	360	360	360 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	2-Methylnaphthalene	7.2	3.9	3.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	4,6-Dinitro-2-Methylphenol	160	160	160 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(k)fluoranthene	7.2	3.6	3.6 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzoic acid	710	710	710 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Chrysene	7.2	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Phenanthrene	7.2	3.6	3.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	2,4-Dinitrophenol	360	360	360 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	4,6-Dinitro-2-Methylphenol	160	160	160 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Benzoic acid	720	720	720 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Fluorene	7.3	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	2,4-Dinitrophenol	370	370	370 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Benzoic acid	740	740	740 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	bis(2-Ethylhexyl) Phthalate	56.0	21.0	56.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Fluoranthene	7.5	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Phenanthrene	7.5	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Pyrene	7.5	3.9	3.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	2,4-Dinitrophenol	370	370	370 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Benzoic acid	740	740	740 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	bis(2-Ethylhexyl) Phthalate	56.0	28.0	56.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Chrysene	7.5	4.0	4.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Fluoranthene	7.5	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Phenanthrene	7.5	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Pyrene	7.5	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	2,4-Dinitrophenol	370	370	370 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Benzoic acid	750	750	750 R		UG/KG	c/J

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	WG	076-0140-0001-ER	240-18703-24	N	4-Nitrophenol	4.8	4.8	4.8 UJ		UG/L	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	C10-C20 Diesel Range Organics	20.0	220	220	MG/KG	
M8015D/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	C20-C34 Motor Oil Range Organics	20.0	25.0	25.0	MG/KG	
M8015D/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	C20-C34 Motor Oil Range Organics	18.0	11.0	11.0 J	MG/KG	TR
M8015D/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	C20-C34 Motor Oil Range Organics	18.0	14.0	14.0 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Petroleum Hydrocarbons C6-C12	94.0	70.0	70.0 J	UG/KG	TR/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	97.0	2200	2200 J +	UG/KG	I/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	5000	2900	2900 J	UG/KG	TR/D1
M8015V/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Petroleum Hydrocarbons C6-C12	110	860	860	UG/KG	
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	5100	4200	4200 J	UG/KG	TR
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	78.0	3200	3200 J +	UG/KG	I
M8015V/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Petroleum Hydrocarbons C6-C12	8800	43000	43000	UG/KG	
M8015V/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Petroleum Hydrocarbons C6-C12	8800	37000	37000	UG/KG	
M8015V/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Petroleum Hydrocarbons C6-C12	99.0	54.0	54.0 J	UG/KG	TR
M8015V/NONE	WG	076-0141-0001-TB	240-18703-25	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J	UG/L	TR
M8015V/NONE	WG	076SB-0143-0001-TB	240-18703-5	N	Petroleum Hydrocarbons C6-C12	100	29.0	29.0 J	UG/L	TR
M8015V/NONE	WG	076SB-0144-0001-TB	240-18703-6	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Silver	0.11	0.044	0.044 J	MG/KG	TR
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Aluminum	3.2	14000	14000	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Arsenic	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Barium	1.1	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Beryllium	0.11	0.63	0.63	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Calcium	11.0	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Cadmium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Cobalt	0.054	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Chromium	0.21	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Copper	0.21	19.0	19.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Iron	5.4	28000	28000	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Potassium	11.0	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Magnesium	11.0	4800	4800	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Manganese	0.54	180	180	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Sodium	11.0	77.0	77.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Nickel	0.11	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Selenium	0.54	0.50	0.50 J	MG/KG	TR
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Thallium	0.11	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Vanadium	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Zinc	0.54	66.0	66.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Silver	0.11	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Aluminum	3.3	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Arsenic	0.11	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Barium	1.1	56.0	56.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Beryllium	0.11	0.55	0.55	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Calcium	11.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Cadmium	0.11	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Cobalt	0.055	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Chromium	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Copper	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Iron	5.5	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Potassium	11.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Magnesium	11.0	2600	2600	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Manganese	0.55	330	330 J	MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Sodium	11.0	45.0	45.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Nickel	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Lead	0.11	20.0	20.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Selenium	0.55	0.56	0.56	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Thallium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Vanadium	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Zinc	0.55	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Silver	0.11	0.045	0.045 J	MG/KG	TR
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Aluminum	3.3	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Barium	1.1	95.0	95.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Beryllium	0.11	0.56	0.56	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Calcium	11.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Cadmium	0.11	0.22	0.22	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Cobalt	0.055	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Chromium	0.22	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Copper	0.22	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Iron	5.5	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Potassium	11.0	820	820	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Magnesium	11.0	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Manganese	0.55	1700	1700 J	MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Sodium	11.0	36.0	36.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Nickel	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Lead	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Selenium	0.55	0.70	0.70	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Thallium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Vanadium	0.11	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Zinc	0.55	45.0	45.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Silver	0.12	0.042	0.042 J	MG/KG	TR
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Aluminum	3.7	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Arsenic	0.12	14.0	14.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Barium	1.2	69.0	69.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Beryllium	0.12	0.60	0.60	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Calcium	12.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Cadmium	0.12	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Cobalt	0.062	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Chromium	0.25	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Copper	0.25	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Iron	6.2	30000	30000	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Potassium	12.0	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Magnesium	12.0	2700	2700	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Manganese	0.62	660	660	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Sodium	12.0	44.0	44.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Nickel	0.12	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Lead	0.12	46.0	46.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Selenium	0.62	0.76	0.76	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Thallium	0.12	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Vanadium	0.12	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Zinc	0.62	57.0	57.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Silver	0.11	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Aluminum	3.2	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Arsenic	0.11	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Barium	1.1	47.0	47.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Beryllium	0.11	0.63	0.63	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Calcium	11.0	4600	4600	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Cadmium	0.11	0.25	0.25	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Cobalt	0.053	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Chromium	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Copper	0.21	19.0	19.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Iron	5.3	31000	31000	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Potassium	11.0	2200	2200	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Magnesium	11.0	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Manganese	0.53	350	350	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Sodium	11.0	74.0	74.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Nickel	0.11	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Lead	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Selenium	0.53	0.46	0.46 J	MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Vanadium	0.11	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Zinc	0.53	130	130	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Silver	0.099	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Aluminum	3.0	14000	14000	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Arsenic	0.099	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Barium	0.99	44.0	44.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Beryllium	0.099	0.66	0.66	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Calcium	9.9	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Cadmium	0.099	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Cobalt	0.049	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Chromium	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Iron	4.9	30000	30000	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Potassium	9.9	2200	2200	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Magnesium	9.9	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Manganese	0.49	250	250	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Sodium	9.9	80.0	80.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Nickel	0.099	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Lead	0.099	12.0	12.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Selenium	0.49	0.51	0.51	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Thallium	0.099	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Vanadium	0.099	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Zinc	0.49	60.0	60.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Silver	0.11	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Aluminum	3.4	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Barium	1.1	38.0	38.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Beryllium	0.11	0.47	0.47	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Calcium	11.0	7500	7500	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Cadmium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Cobalt	0.057	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Chromium	0.23	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Copper	0.23	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Iron	5.7	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Potassium	11.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Magnesium	11.0	5500	5500	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Manganese	0.57	440	440	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Sodium	11.0	83.0	83.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Nickel	0.11	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Lead	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Selenium	0.57	0.54	0.54 J	MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Thallium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Vanadium	0.11	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Zinc	0.57	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Silver	0.10	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Aluminum	3.1	9800	9800	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Arsenic	0.10	16.0	16.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Barium	1.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Beryllium	0.10	0.46	0.46	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Calcium	10.0	11000	11000 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Cadmium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Cobalt	0.051	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Chromium	0.21	14.0	14.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Copper	0.21	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Iron	5.1	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Potassium	10.0	1600	1600 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Magnesium	10.0	8700	8700 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Manganese	0.51	400	400	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Sodium	10.0	100	100	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Nickel	0.10	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Lead	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Selenium	0.51	0.47	0.47 J	MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Thallium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Zinc	0.51	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Silver	0.11	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Aluminum	3.3	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Arsenic	0.11	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Barium	1.1	35.0	35.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Beryllium	0.11	0.48	0.48	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Calcium	11.0	7300	7300	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Cadmium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Cobalt	0.055	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Chromium	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Copper	0.22	20.0	20.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Iron	5.5	27000	27000	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Potassium	11.0	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Magnesium	11.0	5300	5300	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Manganese	0.55	420	420	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Nickel	0.11	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Antimony	0.22	0.30	0.30	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Selenium	0.55	0.49	0.49 J	MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Thallium	0.11	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Zinc	0.55	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Silver	0.11	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Aluminum	3.4	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Arsenic	0.11	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Barium	1.1	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Beryllium	0.11	0.44	0.44	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Calcium	11.0	8400	8400	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Cadmium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Cobalt	0.056	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Chromium	0.23	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Copper	0.23	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Iron	5.6	25000	25000	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Potassium	11.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Magnesium	11.0	5300	5300	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Manganese	0.56	380	380	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Nickel	0.11	23.0	23.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Lead	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Antimony	0.23	0.077	0.077 J	MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Selenium	0.56	0.46	0.46 J	MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Zinc	0.56	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Silver	0.10	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Aluminum	3.0	8900	8900	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Barium	1.0	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Beryllium	0.10	0.35	0.35	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Calcium	10.0	5200	5200	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Cadmium	0.10	0.092	0.092 J	MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Cobalt	0.051	8.5	8.5	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Copper	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Iron	5.1	22000	22000	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Potassium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Magnesium	10.0	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Manganese	0.51	260	260	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Sodium	10.0	63.0	63.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Nickel	0.10	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Lead	0.10	9.3	9.3	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Selenium	0.51	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Thallium	0.10	0.10	0.10	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Vanadium	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Zinc	0.51	44.0	44.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Silver	0.091	0.022	0.022 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Aluminum	2.7	7400	7400	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Arsenic	0.091	8.9	8.9	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Barium	0.91	39.0	39.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Beryllium	0.091	0.41	0.41	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Calcium	9.1	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Cadmium	0.091	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Cobalt	0.045	7.7	7.7	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Chromium	0.18	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Copper	0.18	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Iron	4.5	19000	19000	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Potassium	9.1	1000	1000	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Magnesium	9.1	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Manganese	0.45	360	360	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Sodium	9.1	47.0	47.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Nickel	0.091	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Lead	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Selenium	0.45	0.41	0.41 J	MG/KG	TR
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Thallium	0.091	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Vanadium	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Zinc	0.45	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Silver	0.10	0.018	0.018 J	MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Aluminum	3.0	5500	5500	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Arsenic	0.10	6.2	6.2	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Barium	1.0	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Beryllium	0.10	0.36	0.36	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Calcium	10.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Cadmium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Cobalt	0.050	5.4	5.4	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Chromium	0.20	7.2	7.2	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Copper	0.20	9.1	9.1	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Iron	5.0	16000	16000	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Potassium	10.0	830	830	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Magnesium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Manganese	0.50	230	230	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Sodium	10.0	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Nickel	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Lead	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Selenium	0.50	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Thallium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Vanadium	0.10	9.6	9.6	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Zinc	0.50	46.0	46.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Silver	0.10	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Aluminum	3.1	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Barium	1.0	47.0	47.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Beryllium	0.10	0.48	0.48	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Calcium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Cadmium	0.10	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Cobalt	0.051	9.3	9.3	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Chromium	0.21	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Iron	5.1	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Magnesium	10.0	2900	2900	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Manganese	0.51	330	330	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Sodium	10.0	60.0	60.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Nickel	0.10	22.0	22.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Lead	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Selenium	0.51	0.46	0.46 J	MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Thallium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Vanadium	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Zinc	0.51	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Silver	0.10	0.013	0.013 J	MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Aluminum	3.1	4100	4100	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Arsenic	0.10	4.2	4.2	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Barium	1.0	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Beryllium	0.10	0.28	0.28	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Calcium	10.0	870	870	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Cadmium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Cobalt	0.052	4.5	4.5	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Chromium	0.21	5.8	5.8	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Copper	0.21	7.0	7.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Iron	5.2	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Potassium	10.0	670	670	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Magnesium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Manganese	0.52	220	220	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Sodium	10.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Nickel	0.10	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Lead	0.10	9.6	9.6	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Selenium	0.52	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Thallium	0.10	0.075	0.075 J	MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Vanadium	0.10	7.8	7.8	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Zinc	0.52	38.0	38.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Silver	0.11	0.025	0.025 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Aluminum	3.3	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Arsenic	0.11	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Barium	1.1	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Beryllium	0.11	0.46	0.46	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Calcium	11.0	5700	5700	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Cadmium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Cobalt	0.055	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Chromium	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Copper	0.22	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Iron	5.5	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Potassium	11.0	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Magnesium	11.0	5400	5400	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Manganese	0.55	380	380	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Nickel	0.11	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Selenium	0.55	0.49	0.49 J	MG/KG	TR
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Zinc	0.55	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Silver	0.088	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Aluminum	2.6	7700	7700	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Arsenic	0.088	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Barium	0.88	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Beryllium	0.088	0.38	0.38	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Calcium	8.8	5100	5100	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Cadmium	0.088	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Cobalt	0.044	9.3	9.3	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Chromium	0.18	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Iron	4.4	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Potassium	8.8	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Magnesium	8.8	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Manganese	0.44	260	260	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Sodium	8.8	43.0	43.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Nickel	0.088	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Lead	0.088	9.3	9.3	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Antimony	0.18	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Selenium	0.44	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Thallium	0.088	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Vanadium	0.088	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Zinc	0.44	48.0	48.0	MG/KG	
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Barium	10.0	0.43	0.43 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Calcium	100	82.0	82.0 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Cobalt	0.50	0.036	0.036 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chromium	2.0	0.76	0.76 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Manganese	5.0	1.9	1.9 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Sodium	100	150	150	UG/L	
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Nickel	1.0	0.47	0.47 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Thallium	1.0	0.25	0.25 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Zinc	5.0	1.1	1.1 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Mercury	0.15	0.034	0.034 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Mercury	0.12	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Mercury	0.10	0.014	0.014 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	Dalapon	47.0	33.0	33.0 J	UG/KG	TR/P
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Dalapon	45.0	14.0	14.0 J	UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Toluene	4.4	3.8	3.8 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	1,2-Dichloroethane	4.4	0.82	0.82 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzene	4.0	9.9	9.9 J	UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Toluene	4.0	52.0	52.0 J	UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Ethylbenzene	4.0	22.0	22.0 J	UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Xylenes, Total	8.0	150	150 J	UG/KG	d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzene	4.6	1.8	1.8 J	UG/KG	TR/d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Toluene	4.6	6.7	6.7 J	UG/KG	d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Ethylbenzene	4.6	0.71	0.71 J	UG/KG	TR/d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Xylenes, Total	9.2	5.4	5.4 J	UG/KG	TR/d
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzene	5.4	46.0	46.0	UG/KG	
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Toluene	5.4	140	140	UG/KG	
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Ethylbenzene	5.4	30.0	30.0	UG/KG	
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Xylenes, Total	11.0	230	230	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzene	4.4	8.9	8.9	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Toluene	4.4	87.0	87.0	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Ethylbenzene	4.4	22.0	22.0	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Xylenes, Total	8.8	140	140	UG/KG	
SW8260B/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Toluene	7.9	5.3	5.3 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Toluene	4.8	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Toluene	4.7	2.7	2.7 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Toluene	4.8	3.5	3.5 J -	UG/KG	I/TR
SW8260B/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Toluene	6.0	4.3	4.3 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Toluene	4.8	2.6	2.6 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Toluene	6.1	6.2	6.2	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Toluene	4.9	5.2	5.2 J -	UG/KG	I
SW8260B/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Toluene	5.6	3.8	3.8 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Toluene	5.3	2.8	2.8 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Toluene	6.5	5.0	5.0 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Toluene	4.2	3.1	3.1 J	UG/KG	TR
SW8260B/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chloroform	1.0	0.58	0.58 J	UG/L	TR
SW8260B/NONE	WG	076-0141-0001-TB	240-18703-25	N	Acetone	10.0	12.0	12.0	UG/L	
SW8260B/NONE	WG	076-0141-0001-TB	240-18703-25	N	4-Methyl-2-pentanone (MIBK)	10.0	0.36	0.36 J	UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	Acetone	10.0	12.0	12.0	UG/L	
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	2-Butanone (MEK)	10.0	0.60	0.60 J	UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	4-Methyl-2-pentanone (MIBK)	10.0	0.35	0.35 J	UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	Acetone	10.0	12.0	12.0	UG/L	
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	2-Butanone (MEK)	10.0	0.57	0.57 J	UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	4-Methyl-2-pentanone (MIBK)	10.0	0.32	0.32 J	UG/L	TR
SW8260B/NONE	WG	076SB-0138-0001-TB	240-18703-3	N	Acetone	10.0	14.0	14.0	UG/L	
SW8260B/NONE	WG	076SB-0138-0001-TB	240-18703-3	N	2-Butanone (MEK)	10.0	0.69	0.69 J	UG/L	TR
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	Acetone	10.0	15.0	15.0	UG/L	
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	2-Butanone (MEK)	10.0	0.64	0.64 J	UG/L	TR
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	4-Methyl-2-pentanone (MIBK)	10.0	0.39	0.39 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Benzo(b)fluoranthene	7.7	3.8	3.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Acenaphthylene	7.9	7.6	7.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Anthracene	7.9	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)anthracene	7.9	55.0	55.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)pyrene	7.9	40.0	40.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(b)fluoranthene	7.9	65.0	65.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(g,h,i)perylene	7.9	34.0	34.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(k)fluoranthene	7.9	22.0	22.0 J	UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Chrysene	7.9	41.0	41.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Fluoranthene	7.9	96.0	96.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Indeno(1,2,3-c,d)pyrene	7.9	22.0	22.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Phenanthrene	7.9	47.0	47.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Pyrene	7.9	77.0	77.0	UG/KG	
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Anthracene	8.2	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)anthracene	8.2	24.0	24.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)pyrene	8.2	16.0	16.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(b)fluoranthene	8.2	22.0	22.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(g,h,i)perylene	8.2	20.0	20.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(k)fluoranthene	8.2	8.9	8.9 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Chrysene	8.2	17.0	17.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Fluoranthene	8.2	34.0	34.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Indeno(1,2,3-c,d)pyrene	8.2	10.0	10.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Phenanthrene	8.2	21.0	21.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Pyrene	8.2	26.0	26.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Acenaphthylene	8.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Anthracene	8.7	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(a)anthracene	8.7	46.0	46.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(a)pyrene	8.7	37.0	37.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(b)fluoranthene	8.7	50.0	50.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(g,h,i)perylene	8.7	32.0	32.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(k)fluoranthene	8.7	21.0	21.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Chrysene	8.7	35.0	35.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Fluoranthene	8.7	74.0	74.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Indeno(1,2,3-c,d)pyrene	8.7	20.0	20.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	2-Methylnaphthalene	8.7	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Naphthalene	8.7	7.6	7.6 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Phenanthrene	8.7	32.0	32.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Pyrene	8.7	57.0	57.0	UG/KG	
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzo(b)fluoranthene	7.8	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Chrysene	7.8	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	2-Methylnaphthalene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Naphthalene	7.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	bis(2-Ethylhexyl) Phthalate	56.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Anthracene	7.8	8.8	8.8	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(a)anthracene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(a)pyrene	7.8	9.6	9.6	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(b)fluoranthene	7.8	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(g,h,i)perylene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(k)fluoranthene	7.8	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Chrysene	7.8	9.2	9.2	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Dibenzofuran	59.0	12.0	12.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Fluorene	7.8	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Fluoranthene	7.8	15.0	15.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Indeno(1,2,3-c,d)pyrene	7.8	7.6	7.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	2-Methylnaphthalene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Naphthalene	7.8	7.0	7.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Phenanthrene	7.8	20.0	20.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Pyrene	7.8	22.0	22.0	UG/KG	
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Chrysene	7.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Phenanthrene	7.7	8.9	8.9	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(a)anthracene	7.2	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(b)fluoranthene	7.2	9.3	9.3	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(k)fluoranthene	7.2	3.6	3.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Chrysene	7.2	5.5	5.5 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Fluoranthene	7.2	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	2-Methylnaphthalene	7.2	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Phenanthrene	7.2	3.6	3.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Pyrene	7.2	7.6	7.6	UG/KG	
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Fluorene	7.3	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Fluoranthene	7.3	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Pyrene	7.3	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Fluoranthene	7.5	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Phenanthrene	7.5	4.1	4.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Pyrene	7.5	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Benzo(a)anthracene	7.5	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Chrysene	7.5	4.0	4.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Fluoranthene	7.5	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Phenanthrene	7.5	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Pyrene	7.5	5.0	5.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0075-0001-SO	N	Benzoic acid	770	770	R	UG/KG	c
SW8270C/NONE	SO	072SB-0076-0001-SO	N	Benzoic acid	780	780	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0077-0001-SO	FD	Benzoic acid	810	810	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0079-0001-SO	N	Benzoic acid	870	870	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0080-0001-SO	FD	Benzoic acid	770	770	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0081-0001-SO	N	Benzoic acid	740	740	R	UG/KG	c
SW8270C/NONE	SO	072SB-0082-0001-SO	FD	Benzoic acid	770	770	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0083-0001-SO	N	Benzoic acid	760	760	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0084-0001-SO	N	Benzoic acid	760	760	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0085-0001-SO	N	Benzoic acid	770	770	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0086-0001-SO	FD	Benzoic acid	760	760	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0087-0001-SO	N	Benzoic acid	710	710	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0088-0001-SO	N	Benzoic acid	720	720	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0089-0001-SO	N	Benzoic acid	740	740	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0090-0001-SO	N	Benzoic acid	740	740	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0091-0001-SO	N	Benzoic acid	750	750	R	UG/KG	c/J

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Anomalies Count

SDG Name: 240-18703-1_(72-SB_76-TB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	2	2
M8015D/SW3540C/NONE	1	2
M8015V/SW5035/NONE	7	8
SW6020/SW3050B/NONE	13	58
SW7471A/TOTAL/NONE	15	15
SW8081/SW3540C/NONE	2	41
SW8082/SW3540C/NONE	3	21
SW8260B/SW5035/NONE	9	37
SW8270C/SW3550/NONE	16	66
SW8330B/METHOD/NONE	1	3

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	072SB-0075-0001-SO	N	1	Nitrocellulose	55 U	8.6	55	5	MG/KG
E353.2/NONE	072SB-0082-0001-SO	FD	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	076-0140-0001-ER	N	1	C10-C20 Diesel Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	076-0140-0001-ER	N	1	C20-C34 Motor Oil Range Organics	480 U	230	480	0.5	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	072SB-0077-0001-SO	FD	1	Petroleum Hydrocarbons C6-C12	2900 J	1700	5000	100	UG/KG
M8015V/NONE	072SB-0079-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	860	50	110	100	UG/KG
M8015V/NONE	072SB-0080-0001-SO	FD	1	Petroleum Hydrocarbons C6-C12	4200 J	1700	5100	100	UG/KG
M8015V/NONE	072SB-0082-0001-SO	FD	2	Petroleum Hydrocarbons C6-C12	37000	3000	8800	100	UG/KG
M8015V/NONE	072SB-0082-0001-SO	FD	2	Petroleum Hydrocarbons C6-C12	43000	3000	8800	100	UG/KG
M8015V/NONE	072SB-0084-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	120 U	54	120	100	UG/KG
M8015V/NONE	072SB-0085-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	130 U	58	130	100	UG/KG
M8015V/NONE	072SB-0087-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	150 U	67	150	100	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0075-0001-SO	N	1	Barium	53	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Beryllium	0.63	0.008	0.11	0.1	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Cadmium	0.16	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Calcium	2000	1.4	11	10	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Magnesium	4800	1.2	11	10	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Selenium	0.5 J	0.055	0.54	0.5	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Barium	56 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Beryllium	0.55	0.0082	0.11	0.1	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Cadmium	0.18	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Calcium	1300	1.5	11	10	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Magnesium	2600	1.2	11	10	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Selenium	0.56	0.056	0.55	0.5	MG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0077-0001-SO	FD	1	Barium	95 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Beryllium	0.56	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Cadmium	0.22	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Calcium	1400	1.5	11	10	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Magnesium	2000	1.2	11	10	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Selenium	0.7	0.056	0.55	0.5	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Barium	69	0.013	1.2	1	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Beryllium	0.6	0.0092	0.12	0.1	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Cadmium	0.2	0.016	0.12	0.1	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Calcium	1600	1.6	12	10	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Magnesium	2700	1.3	12	10	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Selenium	0.76	0.063	0.62	0.5	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Barium	47	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Beryllium	0.63	0.008	0.11	0.1	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Cadmium	0.25	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Calcium	4600	1.4	11	10	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Magnesium	5800	1.2	11	10	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Selenium	0.46 J	0.054	0.53	0.5	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Barium	38	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Beryllium	0.47	0.0086	0.11	0.1	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Cadmium	0.14	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Calcium	7500	1.5	11	10	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Magnesium	5500	1.2	11	10	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Selenium	0.54 J	0.058	0.57	0.5	MG/KG
SW6020/NONE	072SB-0083-0001-SO	N	1	Selenium	0.47 J	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Barium	35	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Beryllium	0.48	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Cadmium	0.14	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Calcium	7300	1.5	11	10	MG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0084-0001-SO	N	1	Magnesium	5300	1.2	11	10	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Selenium	0.49 J	0.056	0.55	0.5	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Barium	32	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Beryllium	0.44	0.0085	0.11	0.1	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Cadmium	0.13	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Calcium	8400	1.5	11	10	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Magnesium	5300	1.2	11	10	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Selenium	0.46 J	0.057	0.56	0.5	MG/KG
SW6020/NONE	072SB-0086-0001-SO	FD	1	Selenium	0.4 J	0.051	0.51	0.5	MG/KG
SW6020/NONE	072SB-0089-0001-SO	N	1	Selenium	0.46 J	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0090-0001-SO	N	1	Selenium	0.28 J	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Barium	31	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Beryllium	0.46	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Cadmium	0.15	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Calcium	5700	1.5	11	10	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Magnesium	5400	1.2	11	10	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Selenium	0.49 J	0.056	0.55	0.5	MG/KG
SW6020/NONE	076-0140-0001-ER	N	1	Cadmium	1 U	0.13	1	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0075-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0076-0001-SO	N	1	Mercury	0.14 U	0.019	0.14	0.1	MG/KG
SW7471A/NONE	072SB-0077-0001-SO	FD	1	Mercury	0.13 U	0.019	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0079-0001-SO	N	1	Mercury	0.034 J	0.021	0.15	0.1	MG/KG
SW7471A/NONE	072SB-0080-0001-SO	FD	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0081-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0082-0001-SO	FD	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0083-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0084-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0085-0001-SO	N	1	Mercury	0.13 U	0.019	0.13	0.1	MG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0086-0001-SO	FD	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0088-0001-SO	N	1	Mercury	0.016 J	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0090-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0091-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0092-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0075-0001-SO	N	1	Aldrin	4.6 UJ	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.8 UJ	0.83	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	alpha-Chlordane	3.4 UJ	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	alpha-Endosulfan	1.9 UJ	0.59	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	4 UJ	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	beta-Endosulfan	2.8 UJ	0.93	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.6 UJ	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Dieldrin	1.9 UJ	0.54	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endosulfan Sulfate	3.4 UJ	0.99	3.4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endrin	1.9 UJ	0.57	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endrin Aldehyde	3.4 UJ	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endrin Ketone	2.3 UJ	0.72	2.3	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	gamma-BHC (Lindane)	2.8 UJ	0.84	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	gamma-Chlordane	1.9 UJ	0.48	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Heptachlor	4 UJ	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Heptachlor Epoxide	2.8 UJ	0.91	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Methoxychlor	5.7 UJ	1.7	5.7	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	p,p'-DDD	2.3 UJ	0.71	2.3	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	p,p'-DDE	1.9 UJ	0.44	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	p,p'-DDT	2.3 UJ	0.72	2.3	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Aldrin	24 UJ	7.2	24	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	alpha-BHC (alpha-Hexachlorocyclohexane)	15 UJ	4.4	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	alpha-Chlordane	18 UJ	5.6	18	1.7	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0082-0001-SO	FD	5	alpha-Endosulfan	10 UJ	3.1	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	beta-BHC (beta-Hexachlorocyclohexane)	21 UJ	6.6	21	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	beta-Endosulfan	15 UJ	4.9	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	delta-BHC (delta-Hexachlorocyclohexane)	24 UJ	7.2	24	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Dieldrin	10 UJ	2.8	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endosulfan Sulfate	18 UJ	5.2	18	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endrin	10 UJ	3	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endrin Aldehyde	18 UJ	6	18	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endrin Ketone	12 UJ	3.8	12	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	gamma-BHC (Lindane)	15 UJ	4.4	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	gamma-Chlordane	10 UJ	2.5	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Heptachlor	21 UJ	6.6	21	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Heptachlor Epoxide	15 UJ	4.8	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Methoxychlor	30 UJ	9	30	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	p,p'-DDD	12 UJ	3.7	12	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	p,p'-DDE	10 UJ	2.3	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	p,p'-DDT	12 UJ	3.8	12	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Toxaphene	400 U	110	400	170	UG/KG
SW8081/NONE	076-0140-0001-ER	N	1	Aldrin	0.048 U	0.0078	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	Dieldrin	0.048 U	0.0071	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	Heptachlor	0.048 U	0.0076	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	Heptachlor Epoxide	0.048 U	0.0068	0.048	0.03	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1016 (Arochlor 1016)	74 U	24	74	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1221 (Arochlor 1221)	57 U	18	57	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1232 (Arochlor 1232)	51 U	16	51	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1242 (Arochlor 1242)	46 U	15	46	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1248 (Arochlor 1248)	63 U	19	63	33	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1254 (Arochlor 1254)	63 U	19	63	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1260 (Arochlor 1260)	63 U	19	63	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	78 U	25	78	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	60 U	19	60	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	54 U	17	54	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	48 U	16	48	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	66 U	20	66	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	66 U	20	66	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	66 U	20	66	33	UG/KG
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0075-0001-SO	N	1	1,2-Dichloroethene	8.8 U	0.68	8.8	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Benzene	46	0.25	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Ethylbenzene	30	0.28	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.4 U	0.47	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Toluene	140	0.29	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Xylenes, Total	230	0.73	11	10	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	Benzene	7.9 U	0.36	7.9	5	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	Ethylbenzene	7.9 U	0.41	7.9	5	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	7.9 U	0.68	7.9	5	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	Toluene	5.3 J	0.43	7.9	5	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	Xylenes, Total	16 U	1.1	16	10	UG/KG
SW8260B/NONE	072SB-0082-0001-SO	FD	1	1,2-Dichloroethene	9.6 U	0.74	9.6	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0085-0001-SO	N	1	Benzene	6 U	0.28	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	Ethylbenzene	6 U	0.31	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6 U	0.52	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	Toluene	4.3 J	0.32	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	Xylenes, Total	12 U	0.8	12	10	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Benzene	6.1 U	0.28	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Ethylbenzene	6.1 U	0.32	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6.1 U	0.52	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Toluene	6.2	0.33	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Xylenes, Total	12 U	0.81	12	10	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Benzene	5.6 U	0.26	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Ethylbenzene	5.6 U	0.29	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.6 U	0.48	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Toluene	3.8 J	0.3	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Xylenes, Total	11 U	0.75	11	10	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Benzene	5.3 U	0.24	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Ethylbenzene	5.3 U	0.27	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.3 U	0.45	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Toluene	2.8 J	0.28	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Xylenes, Total	11 U	0.7	11	10	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	Benzene	6.5 U	0.3	6.5	5	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	Ethylbenzene	6.5 U	0.34	6.5	5	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6.5 U	0.56	6.5	5	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	Toluene	5 J	0.35	6.5	5	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	Xylenes, Total	13 U	0.87	13	10	UG/KG
SW8260B/NONE	076-0140-0001-ER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076-0141-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076-0142-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0137-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0138-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0139-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0075-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0075-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0075-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0075-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Benzoic acid	810 R	410	810	800	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Benzyl alcohol	410 U	26	410	330	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Carbazole	61 U	33	61	50	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Cresols, m & p	490 U	25	490	300	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Hexachlorocyclopentadiene	410 U	33	410	330	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Benzoic acid	870 R	440	870	800	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Benzyl alcohol	430 U	28	430	330	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Carbazole	66 U	35	66	50	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Cresols, m & p	520 U	26	520	300	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Hexachlorocyclopentadiene	430 U	35	430	330	UG/KG
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Cresols, m & p	470 U	23	470	300	UG/KG
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Cresols, m & p	450 U	23	450	300	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Cresols, m & p	470 U	23	470	300	UG/KG
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Carbazole	58 U	32	58	50	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Cresols, m & p	470 U	23	470	300	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Benzyl alcohol	360 U	23	360	330	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Carbazole	54 U	29	54	50	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Cresols, m & p	430 U	22	430	300	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Hexachlorocyclopentadiene	360 U	29	360	330	UG/KG
SW8270C/NONE	072SB-0088-0001-SO	N	1	Benzyl alcohol	360 U	23	360	330	UG/KG
SW8270C/NONE	072SB-0088-0001-SO	N	1	Carbazole	54 U	29	54	50	UG/KG
SW8270C/NONE	072SB-0088-0001-SO	N	1	Cresols, m & p	430 U	22	430	300	UG/KG
SW8270C/NONE	072SB-0088-0001-SO	N	1	Hexachlorocyclopentadiene	360 U	29	360	330	UG/KG
SW8270C/NONE	072SB-0089-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0089-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0089-0001-SO	N	1	Cresols, m & p	450 U	22	450	300	UG/KG
SW8270C/NONE	072SB-0089-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Cresols, m & p	450 U	22	450	300	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Carbazole	57 U	31	57	50	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Cresols, m & p	450 U	23	450	300	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	31	370	330	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	076-0140-0001-ER	N	1	2-Nitrotoluene	0.5 U	0.088	0.5	0.2	UG/L
SW8330B/NONE	076-0140-0001-ER	N	1	3-Nitrotoluene	0.5 U	0.057	0.5	0.2	UG/L
SW8330B/NONE	076-0140-0001-ER	N	1	4-Nitrotoluene	0.5 U	0.088	0.5	0.2	UG/L

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AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Worksheet

SDG Name: 240-18703-1_(72-SB_76-TB)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a duplicate sample prepared and analyzed with each batch?				
Was the duplicate RPD within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Method: M8015D				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				
Method: M8015V				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				
Method: SW6020				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was an Interference Check Standard (ICS) run at the beginning and end of every run?			•	Not Required
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Was a serial dilution prepared and analyzed with each batch?			•	Not Required
Was the serial dilution within QAPP acceptance limits?			•	Not Required
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

Method: SW7470A

Review Questions	Yes	No	NA	Comment

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?		
Were samples preserved properly and received in good condition?		
Were holding times met?		
Were sample reciept temperatures met?		
Were QAPP specified RLs achieved?		
Were all QAPP specified target analytes reported?		
Was the initial calibration curve within QAPP acceptance limits?	•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•	Not Required
Were ICV/CCV results within QAPP acceptance limits?	•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•	Not Required
Was a method blank prepared and analyzed with each batch?		
Were target analytes detected in the ICB/CCB/method blank?	•	Not Required
Was a field blank collected and analyzed?		
Were target analytes reported in the field blank analyses above the MDL?		
Was the ICS recovery within QAPP acceptance limits?	•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?		
Was a LCS prepared and analyzed with each batch?		
Were the LCS recoveries within QAPP acceptance limits?		
Was a MS/MSD pair prepared with each batch?		
Is the MS/MSD parent sample the one designated by the sampling team?		
Were the MS/MSD within QAPP acceptance limits?		
Were sample concentrations within calibration range?		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?		
Are all samples associated with QC non-compliances flagged appropriately?		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?		

Method: SW7471A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample reciept temperatures met?				

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Were QAPP specified RLs achieved?		
Were all QAPP specified target analytes reported?		
Was the initial calibration curve within QAPP acceptance limits?	•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•	Not Required
Were ICV/CCV results within QAPP acceptance limits?	•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•	Not Required
Was a method blank prepared and analyzed with each batch?		
Were target analytes detected in the ICB/CCB/method blank?	•	Not Required
Was a field blank collected and analyzed?		
Were target analytes reported in the field blank analyses above the MDL?		
Was the ICS recovery within QAPP acceptance limits?	•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?		
Was a LCS prepared and analyzed with each batch?		
Were the LCS recoveries within QAPP acceptance limits?		
Was a MS/MSD pair prepared with each batch?		
Is the MS/MSD parent sample the one designated by the sampling team?		
Were the MS/MSD within QAPP acceptance limits?		
Were sample concentrations within calibration range?		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?		
Are all samples associated with QC non-compliances flagged appropriately?		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?		

Method: SW8081				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				

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Was the CCV a mid-level standard from the initial calibration curve?

Was the CCV %D within criteria (%D =20%)?

Was a method blank prepared and analyzed with each batch?

Were target analytes detected in the method blank above the MDL?

Was a field blank (equipment or trip) collected and analyzed?

Were target analytes reported in the field blank analyses above the MDL?

Were surrogate recoveries within QAPP acceptance limits?

Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)

Were the LCS recoveries within QAPP acceptance limits?

Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)

If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?

Were the Breakdown products within QAPP acceptance limits?

Is the MS/MSD parent sample the one designated by the sampling team?

Were MS/MSD recoveries and RPD within QAPP acceptance limits?

Were all QAPP-specified target analytes reported?

Were reported sample concentrations within calibration range?

Were RPDs between primary and confirmation columns < 40%?

Are all samples associated with QC non-compliances flagged appropriately?

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?

Have all Laboratory Case Narrative comments/findings been addressed in the data review process?

Were sample prepration sheets present and filled out appropriately?

Were instrument run logs present and filled out appropriately?

Method: SW8082

Review Questions

Yes

No

NA

Comment

Did Chain-of-Custody information agree with laboratory report?

Were samples preserved properly and received in good condition?

Were sample reciept temperatures met?

Were holding times for prep and analysis met?

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?

Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?

Was a second source verification analyzed after the ICAL and all analytes within

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criteria (%D =20%)?
Was a CCV run at the beginning of the analytical sequence and every 12 hours?
Was the CCV a mid-level standard from the initial calibration curve?
Was the CCV %D within criteria (%D =20%)?
Was a method blank prepared and analyzed with each batch?
Were target analytes detected in the method blank above the MDL?
Was a field blank (equipment or trip) collected and analyzed?
Were target analytes reported in the field blank analyses above the MDL?
Were surrogate recoveries within QAPP acceptance limits?
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)
Were the LCS recoveries within QAPP acceptance limits?
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?
Were the Breakdown products within QAPP acceptance limits?
Is the MS/MSD parent sample the one designated by the sampling team?
Were MS/MSD recoveries and RPD within QAPP acceptance limits?
Were all QAPP-specified target analytes reported?
Were reported sample concentrations within calibration range?
Were RPDs between primary and confirmation columns < 40%?
Are all samples associated with QC non-compliances flagged appropriately?
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?
Were sample prepration sheets present and filled out appropriately?
Were instrument run logs present and filled out appropriately?

Method: SW8151				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample reciept temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				

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Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?

Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?

Was a CCV run at the beginning of the analytical sequence and every 12 hours?

Was the CCV a mid-level standard from the initial calibration curve?

Was the CCV %D within criteria (%D =20%)?

Was a method blank prepared and analyzed with each batch?

Were target analytes detected in the method blank above the MDL?

Was a field blank (equipment or trip) collected and analyzed?

Were target analytes reported in the field blank analyses above the MDL?

Were surrogate recoveries within QAPP acceptance limits?

Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)

Were the LCS recoveries within QAPP acceptance limits?

Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)

If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?

Were the Breakdown products within QAPP acceptance limits?

Is the MS/MSD parent sample the one designated by the sampling team?

Were MS/MSD recoveries and RPD within QAPP acceptance limits?

Were all QAPP-specified target analytes reported?

Were reported sample concentrations within calibration range?

Were RPDs between primary and confirmation columns < 40%?

Are all samples associated with QC non-compliances flagged appropriately?

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?

Have all Laboratory Case Narrative comments/findings been addressed in the data review process?

Were sample prepration sheets present and filled out appropriately?

Were instrument run logs present and filled out appropriately?

Method: SW8260B

Review Questions

Yes

No

NA

Comment

Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?

Were samples preserved properly and received in good condition?

Were holding times met?

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Were sample receipt temperatures met?		
Were QAPP specified PQLs achieved?		
Were all QAPP-specified target analytes reported?		
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	•	Not Required
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•	Not Required
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•	Not Required
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•	Not Required
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•	Not Required
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•	Not Required
If a linear regression curve was used, was the correlation coefficient within criteria?	•	Not Required
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•	Not Required
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•	Not Required
Was the CCV a mid-level standard from the initial calibration curve?	•	Not Required
Did the CCCs have a %Difference within QAPP acceptance limits?	•	Not Required
Were the average RFs for the SPCCs within QAPP acceptance limits?	•	Not Required
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•	Not Required
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•	Not Required
Were the retention times for all IS compounds within QAPP acceptance limits?	•	Not Required
Are the area counts of all IS compounds within QAPP acceptance limits?	•	Not Required
Was a method blank prepared and analyzed with each batch?		
Were target analytes detected in the method blank above the MDL?		
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		
Were target analytes reported in the field blank analyses above the MDL?		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?		
Was an LCS/LCSD pair prepared and analyzed with each batch?		
Were the LCS/LCSD recoveries within QAPP acceptance limits?		
Were the LCS/LCSD RPDs within QAPP acceptance limits?		
Was the duplicate RPD within QAPP acceptance limits?		
Are all samples associated with QC non-compliances flagged appropriately?		

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?

Was a MS/MSD pair prepared with each batch?

Is the MS/MSD parent sample the one designated by the sampling team?

Were MS/MSD recoveries and RPD within QAPP acceptance limits?

Were surrogate recoveries within QAPP acceptance limits?

Were reported sample concentrations within calibration range?

Have all Laboratory Case Narrative comments/findings been addressed in the data review process?

Were instrument run logs present and filled out appropriately?

Were sample preparation sheets present and filled out appropriately?

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified PQLs achieved?				
Were all QAPP-specified target analytes reported?				
Was the GC/MS system tuned with bromofluorobenzene (BFB)?			•	Not Required
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?			•	Not Required
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?			•	Not Required
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?			•	Not Required
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?			•	Not Required
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?			•	Not Required
If a linear regression curve was used, was the correlation coefficient within criteria?			•	Not Required
Was a second source verification analyzed after the ICAL and all analytes within criteria?			•	Not Required
Was a CCV run at the beginning of the analytical sequence and every 12 hours?			•	Not Required
Was the CCV a mid-level standard from the initial calibration curve?			•	Not Required
Did the CCCs have a %Difference within QAPP acceptance limits?			•	Not Required
Were the average RFs for the SPCCs within QAPP acceptance limits?			•	Not Required

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•	Not Required
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•	Not Required
Were the retention times for all IS compounds within QAPP acceptance limits?	•	Not Required
Are the area counts of all IS compounds within QAPP acceptance limits?	•	Not Required
Was a method blank prepared and analyzed with each batch?		
Were target analytes detected in the method blank above the MDL?		
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		
Were target analytes reported in the field blank analyses above the MDL?		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?		
Was an LCS/LCSD pair prepared and analyzed with each batch?		
Were the LCS/LCSD recoveries within QAPP acceptance limits?		
Were the LCS/LCSD RPDs within QAPP acceptance limits?		
Was the duplicate RPD within QAPP acceptance limits?		
Are all samples associated with QC non-compliances flagged appropriately?		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?		
Was a MS/MSD pair prepared with each batch?		
Is the MS/MSD parent sample the one designated by the sampling team?		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		
Were surrogate recoveries within QAPP acceptance limits?		
Were reported sample concentrations within calibration range?		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?		
Were instrument run logs present and filled out appropriately?		
Were sample preparation sheets present and filled out appropriately?		

Method: SW8330B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?

Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?

Was a CCV run at the beginning of the analytical sequence and every 12 hours?

Was the CCV a mid-level standard from the initial calibration curve?

Was the CCV %D within criteria (%D =20%)?

Was a method blank prepared and analyzed with each batch?

Were target analytes detected in the method blank above the MDL?

Was a field blank (equipment or trip) collected and analyzed?

Were target analytes reported in the field blank analyses above the MDL?

Were surrogate recoveries within QAPP acceptance limits?

Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)

Were the LCS recoveries within QAPP acceptance limits?

Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)

If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?

Is the MS/MSD parent sample the one designated by the sampling team?

Were MS/MSD recoveries and RPD within QAPP acceptance limits?

Were all QAPP-specified target analytes reported?

Were reported sample concentrations within calibration range?

Were RPDs between primary and confirmation columns < 40%?

Did PDA spectra for reported compounds match associated standard spectra?

Are all samples associated with QC non-compliances flagged appropriately?

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?

Have all Laboratory Case Narrative comments/findings been addressed in the data review process?

Were sample preparation sheets present and filled out appropriately?

Were instrument run logs present and filled out appropriately?

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Worksheet

SDG Name: 240-18703-1_(72-SB_76-TB)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?		N		Water >ext HT
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y		1.31 mg/kg NC (solids)	
Was a field blank collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?		N		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a duplicate sample prepared and analyzed with each batch?	Y			
Was the duplicate RPD within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: M8015D				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?			N	
Was a field blank (equipment or trip) collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?			N	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				NA
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: M8015V				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?			N	
Was a field blank (equipment or trip) collected and analyzed?	Y (Tripblank) N for rinsate blank			
Were target analytes reported in the field blank analyses above the MDL?	Y			GRO – 27 ppb
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				NA
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y		Common metals	
Was a field blank collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?	Y		Na, Ba, Ca, Cr, Co, Mn, Ni, Tl, Zn	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	Y			
Was the ICS recovery within QAPP acceptance limits?	Y			
If a field duplicate was analyzed, were the RPDs within criteria?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD within QAPP acceptance limits?			N	<Sb
Was a serial dilution prepared and analyzed with each batch?	Y			
Was the serial dilution within QAPP acceptance limits?			N	Cr, Ca, Mg, K (MS and PDS in limit)
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: SW7470A

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Common metals
Was a field blank collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?	Y			
Was the ICS recovery within QAPP acceptance limits?	Y			
If a field duplicate was analyzed, were the RPDs within criteria?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

Method: SW7471A

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Were holding times met?	Y		
Were sample receipt temperatures met?	Y		
Were QAPP specified RLs achieved?	Y		
Were all QAPP specified target analytes reported?	Y		
Was the initial calibration curve within QAPP acceptance limits?	Y		
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y		
Were ICV/CCV results within QAPP acceptance limits?	Y		
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the ICB/CCB/method blank?		N	
Was a field blank collected and analyzed?	Y		
Were target analytes reported in the field blank analyses above the MDL?	Y	N	
Was the ICS recovery within QAPP acceptance limits?			NA
If a field duplicate was analyzed, were the RPDs within criteria?	Y		
Was a LCS prepared and analyzed with each batch?	Y		
Were the LCS recoveries within QAPP acceptance limits?	Y		
Was a MS/MSD pair prepared with each batch?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were the MS/MSD within QAPP acceptance limits?	Y		
Were sample concentrations within calibration range?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		

Method: SW8081				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Was the CCV %D within criteria (%D =20%)?		N (~all >%D)
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?		N
Was a field blank (equipment or trip) collected and analyzed?	Y	
Were target analytes reported in the field blank analyses above the MDL?		N
Were surrogate recoveries within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y	
Were the LCS recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		NA
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y	
Were the Breakdown products within QAPP acceptance limits?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?		NA
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		NA
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?	Y	
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	

Method: SW8082				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample reciept temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?	Y			
Were surrogate recoveries within QAPP acceptance limits?		N		
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		N		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?			NA	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			NA	
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample prepration sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?				

Method: SW8151				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample reciept temperatures met?	Y			
Were holding times for prep and analysis met?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?		N		MCPP, MCPA
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			
Was a field blank (equipment or trip) collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?		N		
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		N		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?				NA
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				NA
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?			N (dalapon sample #23)	
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Were holding times met?	Y	
Were sample receipt temperatures met?	Y	
Were QAPP specified PQLs achieved?	Y	
Were all QAPP-specified target analytes reported?	Y	
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y	
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y	
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y	
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y	
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y	
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y	
If a linear regression curve was used, was the correlation coefficient within criteria?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Did the CCCs have a %Difference within QAPP acceptance limits?	Y	
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	MIBK and MeCL
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y	
Were target analytes reported in the field blank analyses above the MDL?	Y	MEK, Acetone, MIBK TBs EB - chloroform
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		NA
Was the duplicate RPD within QAPP acceptance limits?	Y	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Are all samples associated with QC non-compliances flagged appropriately?	Y
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y
Was a MS/MSD pair prepared with each batch?	Y
Is the MS/MSD parent sample the one designated by the sampling team?	Y
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y
Were surrogate recoveries within QAPP acceptance limits?	Y
Were reported sample concentrations within calibration range?	Y
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y
Were instrument run logs present and filled out appropriately?	Y
Were sample preparation sheets present and filled out appropriately?	Y

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned ?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?			N	Select SVOC qualified
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?			N	Qualified select SVOCs

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Were the average RFs for the SPCCs within QAPP acceptance limits?	Y		
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y		
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y		
Were the retention times for all IS compounds within QAPP acceptance limits?	Y		
Are the area counts of all IS compounds within QAPP acceptance limits?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?	Y		2-BEHP
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y		
Were target analytes reported in the field blank analyses above the MDL?		N	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y		
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y		
Were the LCS/LCSD recoveries within QAPP acceptance limits?		N	Benzoic acid <10%
Were the LCS/LCSD RPDs within QAPP acceptance limits?			NA
Was the duplicate RPD within QAPP acceptance limits?	Y		
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Was a MS/MSD pair prepared with each batch?			NA
Is the MS/MSD parent sample the one designated by the sampling team?			NA
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			NA
Were surrogate recoveries within QAPP acceptance limits?	Y		
Were reported sample concentrations within calibration range?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		

Method: SW8330B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

near but > MDL?		
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Was the CCV %D within criteria (%D =20%)?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?		N
Was a field blank (equipment or trip) collected and analyzed?	Y	
Were target analytes reported in the field blank analyses above the MDL?		N
Were surrogate recoveries within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)		MA
Were the LCS recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Y	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?	Y	
Did PDA spectra for reported compounds match associated standard spectra?	Y	
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	

WORKSHEET 8

Automated Data Summary for 240-28007-1

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AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Facility: Ravenna Army Ammunition Plant

Event: Summer 2013 RI/SI Sampling Event

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Abingdon, MD

Data Review Contractor: ECC

SDG: 240-28007-1_0813, Certified - 9/11/2013 by frederickroche

QC Level: ADR

Project Manager: Al Easterday

Data Reviewer: KathrynPriess

Data Reviewer Title: Staff Chemist

Date of Review Report: September 13, 2013

Second Reviewer: n/a

Completion Date of Second Reviewer:

Samples Included in SDG 240-28007-1_0813

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
M8015D/NONE	10		0	
M8015V/NONE	5	1	0	0
SW6020/NONE	13		0	
SW7471A/NONE	15		0	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8260B/NONE	5	1	0	0
SW8270C/NONE	10		0	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Abingdon, MD; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-28007-1_0813. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank
- Field Blank

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

- Field Duplicate RPD
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD
- Material Blank
- Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 23 results (3.00%) out of the 767 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Field Blanks were collected as part of program wide QC. See Section 2.6 of report.

Analytical Method	Comment
SW6020	
SW7471A	Lab Duplicate was analyzed for this method. RPD within QC limits.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

SW8260B	
SW8270C	
M8015D	Note: Sample 072SB-0094-0001-SO was re-extracted due to low surrogate recovery.
M8015V	

Reviewed by KathrynPriess, Staff Chemist	13-Sep-2013
Reviewed by n/a	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
99192	98891	NA	LABQC	SQ	LABQC	MB 240-98891/22-A		1/1	26-Aug-2013 9:15 AM	26-Aug-2013 9:15 AM	27-Aug-2013 6:20 PM	LB
	98891	NA	LABQC	SQ	LABQC	LCS 240-98891/23-A		1/1	26-Aug-2013 9:15 AM	26-Aug-2013 9:15 AM	27-Aug-2013 6:51 PM	BS
	98891	NA	72-WTP-06-SB2	SO	072SB-0096-0001-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	26-Aug-2013 9:15 AM	27-Aug-2013 7:21 PM	N
	98891	NA	72-FS-01-SB5	SO	072SB-0095-0001-SO	240-28007-5		1/1	14-Aug-2013 2:15 PM	26-Aug-2013 9:15 AM	27-Aug-2013 8:23 PM	N
	98891	NA	72-2F11-R41-SB1	SO	072SB-0097-0001-SO	240-28007-6		1/1	14-Aug-2013 1:20 PM	26-Aug-2013 9:15 AM	27-Aug-2013 8:53 PM	N
	98891	NA	72-1103-R88-SB5	SO	072SB-0093-0001-SO	240-28007-7		1/1	14-Aug-2013 11:55 AM	26-Aug-2013 9:15 AM	27-Aug-2013 9:24 PM	N
	98891	NA	74-1034-HL-SB22	SO	074SB-0036-0001-SO	240-28007-8		1/1	14-Aug-2013 8:35 AM	26-Aug-2013 9:15 AM	27-Aug-2013 9:54 PM	N
	98891	NA	74-1034-HL-SB21	SO	074SB-0035-0001-SO	240-28007-9		1/1	14-Aug-2013 8:05 AM	26-Aug-2013 9:15 AM	27-Aug-2013 10:25 PM	N
	98891	NA	74-1034-HL-SB20	SO	074SB-0037-0001-SO	240-28007-10		1/1	12-Aug-2013 4:25 PM	26-Aug-2013 9:15 AM	27-Aug-2013 11:26 PM	N
	98891	NA	74-1034-HL-SB20	SO	074SB-0037-0002-SO	240-28007-10		1/1	12-Aug-2013 4:25 PM	26-Aug-2013 9:15 AM	27-Aug-2013 11:57 PM	MS
	98891	NA	74-1034-HL-SB20	SO	074SB-0037-0002-SO	240-28007-10		1/1	12-Aug-2013 4:25 PM	26-Aug-2013 9:15 AM	28-Aug-2013 12:28 AM	SD
	98891	NA	72-SSP-08-SB4	SO	072SB-0094-0001-SO	240-28007-4		1/1	14-Aug-2013 11:00 AM	26-Aug-2013 9:15 AM	28-Aug-2013 9:10 AM	N
	99006	NA	LABQC	SQ	LABQC	MB 240-99006/3-A		1/1	26-Aug-2013 3:07 PM	26-Aug-2013 3:07 PM	28-Aug-2013 7:08 AM	LB
	99006	NA	LABQC	SQ	LABQC	LCS 240-99006/4-A		1/1	26-Aug-2013 3:07 PM	26-Aug-2013 3:07 PM	28-Aug-2013 7:38 AM	BS
	99006	NA	74-1034-HL-SB20	SO	074SB-0034-0001-SO	240-28007-11		1/1	12-Aug-2013 4:20 PM	26-Aug-2013 3:07 PM	28-Aug-2013 8:09 AM	N
	99006	NA	74-1034-HL-SB20	SO	074SB-0038-0001-SO	240-28007-12		1/1	12-Aug-2013 4:35 PM	26-Aug-2013 3:07 PM	28-Aug-2013 8:39 AM	N
99779	99500	NA	LABQC	SQ	LABQC	MB 240-99500/21-A		1/1	29-Aug-2013 9:29 AM	29-Aug-2013 9:29 AM	30-Aug-2013 5:07 PM	LB
	99500	NA	LABQC	SQ	LABQC	LCS 240-99500/22-A		1/1	29-Aug-2013 9:29 AM	29-Aug-2013 9:29 AM	30-Aug-2013 5:38 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Batch Report

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
99779	99500	NA	72-SSP-08-SB4	SO	072SB-0094-0001-SO	240-28007-4		2/1	14-Aug-2013 11:00 AM	29-Aug-2013 9:29 AM	31-Aug-2013 3:53 AM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
99111	99180	NA	72-WTP-06-SB2	SO	072SB-0096-0001-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	16-Aug-2013 10:35 AM	27-Aug-2013 4:03 PM	N
	99180	NA	72-SSP-08-SB4	SO	072SB-0094-0001-SO	240-28007-4		1/1	14-Aug-2013 11:00 AM	16-Aug-2013 10:35 AM	27-Aug-2013 4:47 PM	N
	99180	NA	72-FS-01-SB5	SO	072SB-0095-0001-SO	240-28007-5		1/1	14-Aug-2013 2:15 PM	16-Aug-2013 10:35 AM	27-Aug-2013 5:32 PM	N
	99180	NA	72-1103-R88-SB5	SO	072SB-0093-0001-SO	240-28007-7		1/1	14-Aug-2013 11:55 AM	16-Aug-2013 10:35 AM	27-Aug-2013 6:16 PM	N
	98990	NA	LABQC	SQ	LABQC	MB 240-98990/1-A		1/1	26-Aug-2013 1:58 PM	26-Aug-2013 1:58 PM	27-Aug-2013 7:44 PM	LB
	98990	NA	LABQC	SQ	LABQC	LCS 240-98990/2-A		1/1	26-Aug-2013 1:58 PM	26-Aug-2013 1:58 PM	27-Aug-2013 8:27 PM	BS
	98990	NA	72-2F11-R41-SB1	SO	072SB-0097-0001-SO	240-28007-6		1/1	14-Aug-2013 1:20 PM	26-Aug-2013 1:58 PM	27-Aug-2013 9:11 PM	N
98939	98939	NA	LABQC	WQ	LABQC	MB 240-98939/12		1/1	26-Aug-2013 8:22 PM	26-Aug-2013 8:22 PM	26-Aug-2013 8:22 PM	LB
	98939	NA	LABQC	WQ	LABQC	LCS 240-98939/13		1/1	26-Aug-2013 9:00 PM	26-Aug-2013 9:00 PM	26-Aug-2013 9:00 PM	BS
	98939	NA	72-SSP-08-SB4	WG	072SB-0098-0001-TB	240-28007-21		1/1	14-Aug-2013 8:00 AM	26-Aug-2013 9:39 PM	26-Aug-2013 9:39 PM	N
99111	99180	NA	LABQC	SQ	LABQC	MB 240-99180/1-A		1/1	27-Aug-2013 1:46 PM	27-Aug-2013 1:46 PM	27-Aug-2013 1:51 PM	LB
	99180	NA	LABQC	SQ	LABQC	LCS 240-99180/2-A		1/1	27-Aug-2013 1:46 PM	27-Aug-2013 1:46 PM	27-Aug-2013 3:19 PM	BS
Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82914	82466	NA	LABQC	SQ	LABQC	MB 180-82466/1-A		1/1	04-Sep-2013 11:12 AM	04-Sep-2013 11:12 AM	08-Sep-2013 10:48 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82914	82466	NA	LABQC	SQ	LABQC	LCS 180-82466/2-A		1/1	04-Sep-2013 11:12 AM	04-Sep-2013 11:12 AM	08-Sep-2013 10:56 PM	BS
	82466	NA	72-WTP-06-SB2	SO	072SB-0096-0001-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	04-Sep-2013 11:12 AM	08-Sep-2013 11:04 PM	N
	82466	NA	72-WTP-06-SB2	SO	072SB-0096-0002-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	04-Sep-2013 11:12 AM	08-Sep-2013 11:20 PM	MS
	82466	NA	72-WTP-06-SB2	SO	072SB-0096-0002-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	04-Sep-2013 11:12 AM	08-Sep-2013 11:28 PM	SD
	82466	NA	72-SSP-08-SB4	SO	072SB-0094-0001-SO	240-28007-4		1/1	14-Aug-2013 11:00 AM	04-Sep-2013 11:12 AM	08-Sep-2013 11:45 PM	N
	82466	NA	72-FS-01-SB5	SO	072SB-0095-0001-SO	240-28007-5		1/1	14-Aug-2013 2:15 PM	04-Sep-2013 11:12 AM	08-Sep-2013 11:53 PM	N
	82466	NA	72-2F11-R41-SB1	SO	072SB-0097-0001-SO	240-28007-6		1/1	14-Aug-2013 1:20 PM	04-Sep-2013 11:12 AM	09-Sep-2013 12:01 AM	N
	82466	NA	72-1103-R88-SB5	SO	072SB-0093-0001-SO	240-28007-7		1/1	14-Aug-2013 11:55 AM	04-Sep-2013 11:12 AM	09-Sep-2013 12:25 AM	N
	82466	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-28007-13		1/1	13-Aug-2013 4:44 PM	04-Sep-2013 11:12 AM	09-Sep-2013 12:33 AM	N
	82466	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-28007-14		1/1	13-Aug-2013 4:47 PM	04-Sep-2013 11:12 AM	09-Sep-2013 12:41 AM	N
	82466	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-28007-15		1/1	13-Aug-2013 4:20 PM	04-Sep-2013 11:12 AM	09-Sep-2013 12:50 AM	N
	82466	NA	76-U10-DU1-SB2	SO	076SB-0047M-0001-SO	240-28007-16		1/1	13-Aug-2013 4:55 PM	04-Sep-2013 11:12 AM	09-Sep-2013 12:58 AM	N
	82466	NA	76-U10-DU1-SB3	SO	076SB-0048M-0001-SO	240-28007-17		1/1	13-Aug-2013 3:57 PM	04-Sep-2013 11:12 AM	09-Sep-2013 1:06 AM	N
	82466	NA	76-U10-DU1-SB4	SO	076SB-0049M-0001-SO	240-28007-18		1/1	13-Aug-2013 4:55 PM	04-Sep-2013 11:12 AM	09-Sep-2013 1:14 AM	N
	82466	NA	76-U10-DU1-SB4	SO	076SB-0051-0001-SO	240-28007-19		1/1	13-Aug-2013 5:00 PM	04-Sep-2013 11:12 AM	09-Sep-2013 1:22 AM	N
	82466	NA	76-U10-DU1-SB5	SO	076SB-0050M-0001-SO	240-28007-20		1/1	13-Aug-2013 4:35 PM	04-Sep-2013 11:12 AM	09-Sep-2013 1:30 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
98411	98036	NA	LABQC	SQ	LABQC	MB 240-98036/1-A		1/1	19-Aug-2013 3:00 PM	19-Aug-2013 3:00 PM	21-Aug-2013 11:24 AM	LB
	98036	NA	LABQC	SQ	LABQC	LCS 240-98036/2-A		1/1	19-Aug-2013 3:00 PM	19-Aug-2013 3:00 PM	21-Aug-2013 11:25 AM	BS
	98036	NA	75-GRTP-DU1-SB2	SO	075SB-0008-0001-SO	240-28007-1		1/1	14-Aug-2013 9:58 AM	19-Aug-2013 3:00 PM	21-Aug-2013 11:28 AM	N
	98036	NA	75-GRTP-DU1-SB2	SO	075SB-0008-0002-SO	240-28007-1		1/1	14-Aug-2013 9:58 AM	19-Aug-2013 3:00 PM	21-Aug-2013 11:30 AM	MS
	98036	NA	75-GRTP-DU1-SB3	SO	075SB-0009-0001-SO	240-28007-2		1/1	14-Aug-2013 10:10 AM	19-Aug-2013 3:00 PM	21-Aug-2013 11:32 AM	N
	98036	NA	72-WTP-06-SB2	SO	072SB-0096-0001-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	19-Aug-2013 3:00 PM	21-Aug-2013 11:36 AM	N
	98036	NA	72-SSP-08-SB4	SO	072SB-0094-0001-SO	240-28007-4		1/1	14-Aug-2013 11:00 AM	19-Aug-2013 3:00 PM	21-Aug-2013 11:38 AM	N
	98036	NA	72-FS-01-SB5	SO	072SB-0095-0001-SO	240-28007-5		1/1	14-Aug-2013 2:15 PM	19-Aug-2013 3:00 PM	21-Aug-2013 11:39 AM	N
	98036	NA	72-2F11-R41-SB1	SO	072SB-0097-0001-SO	240-28007-6		1/1	14-Aug-2013 1:20 PM	19-Aug-2013 3:00 PM	21-Aug-2013 11:41 AM	N
	98036	NA	72-1103-R88-SB5	SO	072SB-0093-0001-SO	240-28007-7		1/1	14-Aug-2013 11:55 AM	19-Aug-2013 3:00 PM	21-Aug-2013 11:42 AM	N
	98036	NA	76-U10-DU1-SB4	SO	076SB-0051-0001-SO	240-28007-19		1/1	13-Aug-2013 5:00 PM	19-Aug-2013 3:00 PM	21-Aug-2013 11:44 AM	N
98983	98717	NA	LABQC	SQ	LABQC	MB 240-98717/1-A		1/1	23-Aug-2013 3:30 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:21 PM	LB
	98717	NA	LABQC	SQ	LABQC	LCS 240-98717/2-A		1/1	23-Aug-2013 3:30 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:22 PM	BS
	98717	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-28007-13		1/1	13-Aug-2013 4:44 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:28 PM	N
	98717	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-28007-14		1/1	13-Aug-2013 4:47 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:30 PM	N
	98717	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-28007-15		1/1	13-Aug-2013 4:20 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:33 PM	N
	98717	NA	76-U10-DU1-SB2	SO	076SB-0047M-0001-SO	240-28007-16		1/1	13-Aug-2013 4:55 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:34 PM	N
	98717	NA	76-U10-DU1-SB3	SO	076SB-0048M-0001-SO	240-28007-17		1/1	13-Aug-2013 3:57 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:35 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
98983	98717	NA	76-U10-DU1-SB4	SO	076SB-0049M-0001-SO	240-28007-18		1/1	13-Aug-2013 4:55 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:40 PM	N
	98717	NA	76-U10-DU1-SB5	SO	076SB-0050M-0001-SO	240-28007-20		1/1	13-Aug-2013 4:35 PM	23-Aug-2013 3:30 PM	26-Aug-2013 1:41 PM	N
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
98452	NA	NA	LABQC	SQ	LABQC	LCS 240-98452/6		1/1	22-Aug-2013 2:43 AM		22-Aug-2013 2:43 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-98452/8		1/1	22-Aug-2013 3:33 AM		22-Aug-2013 3:33 AM	LB
	98094	NA	72-SSP-08-SB4	SO	072SB-0094-0001-SO	240-28007-4		1/1	14-Aug-2013 11:00 AM	16-Aug-2013 10:35 AM	22-Aug-2013 4:30 AM	N
	98094	NA	72-FS-01-SB5	SO	072SB-0095-0001-SO	240-28007-5		1/1	14-Aug-2013 2:15 PM	16-Aug-2013 10:35 AM	22-Aug-2013 4:51 AM	N
	98094	NA	72-2F11-R41-SB1	SO	072SB-0097-0001-SO	240-28007-6		1/1	14-Aug-2013 1:20 PM	16-Aug-2013 10:35 AM	22-Aug-2013 5:13 AM	N
	98094	NA	72-WTP-06-SB2	SO	072SB-0096-0001-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	16-Aug-2013 10:35 AM	22-Aug-2013 5:55 AM	N
	98094	NA	72-1103-R88-SB5	SO	072SB-0093-0001-SO	240-28007-7		1/1	14-Aug-2013 11:55 AM	16-Aug-2013 10:35 AM	22-Aug-2013 7:20 AM	N
99353	99353	NA	LABQC	WQ	LABQC	LCS 240-99353/4		1/1	28-Aug-2013 10:54 AM	28-Aug-2013 10:54 AM	28-Aug-2013 10:54 AM	BS
	99353	NA	LABQC	WQ	LABQC	MB 240-99353/6		1/1	28-Aug-2013 12:25 PM	28-Aug-2013 12:25 PM	28-Aug-2013 12:25 PM	LB
	99353	NA	72-SSP-08-SB4	WG	072SB-0098-0001-TB	240-28007-21		1/1	14-Aug-2013 8:00 AM	28-Aug-2013 12:47 PM	28-Aug-2013 12:47 PM	N
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
99673	98911	NA	LABQC	SQ	LABQC	MB 240-98911/21-A		1/1	26-Aug-2013 10:21 AM	26-Aug-2013 10:21 AM	30-Aug-2013 10:56 AM	LB
	98911	NA	LABQC	SQ	LABQC	LCS 240-98911/22-A		1/1	26-Aug-2013 10:21 AM	26-Aug-2013 10:21 AM	30-Aug-2013 11:22 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
99673	98911	NA	74-1034-HL-SB20	SO	074SB-0038-0001-SO	240-28007-12		1/1	12-Aug-2013 4:35 PM	26-Aug-2013 10:21 AM	30-Aug-2013 4:30 PM	N
	98911	NA	74-1034-HL-SB20	SO	074SB-0034-0001-SO	240-28007-11		1/1	12-Aug-2013 4:20 PM	26-Aug-2013 10:21 AM	30-Aug-2013 4:56 PM	N
	98911	NA	74-1034-HL-SB20	SO	074SB-0037-0001-SO	240-28007-10		1/1	12-Aug-2013 4:25 PM	26-Aug-2013 10:21 AM	30-Aug-2013 5:21 PM	N
	98911	NA	74-1034-HL-SB21	SO	074SB-0035-0001-SO	240-28007-9		1/1	14-Aug-2013 8:05 AM	26-Aug-2013 10:21 AM	30-Aug-2013 5:47 PM	N
	98911	NA	74-1034-HL-SB22	SO	074SB-0036-0001-SO	240-28007-8		1/1	14-Aug-2013 8:35 AM	26-Aug-2013 10:21 AM	30-Aug-2013 6:12 PM	N
99815	98911	NA	72-FS-01-SB5	SO	072SB-0095-0001-SO	240-28007-5		1/1	14-Aug-2013 2:15 PM	26-Aug-2013 10:21 AM	31-Aug-2013 6:38 PM	N
	98911	NA	72-SSP-08-SB4	SO	072SB-0094-0001-SO	240-28007-4		1/1	14-Aug-2013 11:00 AM	26-Aug-2013 10:21 AM	31-Aug-2013 7:04 PM	N
	98911	NA	72-WTP-06-SB2	SO	072SB-0096-0001-SO	240-28007-3		1/1	14-Aug-2013 12:45 PM	26-Aug-2013 10:21 AM	31-Aug-2013 7:29 PM	N
	98911	NA	72-2F11-R41-SB1	SO	072SB-0097-0001-SO	240-28007-6		1/1	14-Aug-2013 1:20 PM	26-Aug-2013 10:21 AM	31-Aug-2013 7:54 PM	N
	98911	NA	72-1103-R88-SB5	SO	072SB-0093-0001-SO	240-28007-7		1/1	14-Aug-2013 11:55 AM	26-Aug-2013 10:21 AM	31-Aug-2013 8:19 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

QC Outlier Report

Test/Prep	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
M8015D / SW3540C	Prep Hold Time	072SB-0094-0001-SO (N) / 240-28007-4	2 / 1.00	All in Run	14.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
M8015D / SW3540C/NONE	Surrogate	072SB-0094-0001-SO (N) / 240-28007-4	1 / 1.00	n-Nonane	0.0000 (PERCENT)	J/R	10 - 110	10 - 110	I			
M8015V / SW5030B/NONE	Blank	MB 240-98939/12 (LB) / MB 240-98939/12	1 / 1.00	Petroleum Hydrocarbons C6- C12	27.2 (UG/L)	U/None	< 25	< 100	L		1	27.2
SW6020 / SW3050B/NONE	Blank	MB 180-82466/1-A (LB) / MB 180-82466/1-A	1 / 1.00	Barium	0.011 (MG/KG)	U/None	< 0.01	< 0.95	L		1	0.0110
SW6020 / SW3050B/NONE	Blank	MB 180-82466/1-A (LB) / MB 180-82466/1-A	1 / 1.00	Calcium	2.8 (MG/KG)	U/None	< 1.3	< 9.5	L		1	2.75
SW6020 / SW3050B/NONE	Blank	MB 180-82466/1-A (LB) / MB 180-82466/1-A	1 / 1.00	Copper	0.049 (MG/KG)	U/None	< 0.031	< 0.19	L		1	0.0488
SW8260B / SW5030B	Test Hold Time	072SB-0098-0001-TB (N) / 240-28007-21	1 / 1.00	All in Run	14.2 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
SW8270C / SW3550/NONE	LCS Recovery	LCS 240-98911/22-A (BS) / LCS 240-98911/22-A	1 / 1.00	Hexachlorocyclopentadiene	61.8 (PERCENT)	J/UJ	70 - 130	70 - 130	C			

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	C10-C20 Diesel Range Organics	21.0	21.0	21.0 UJ	-	MG/KG	H2
M8015D/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	C20-C34 Motor Oil Range Organics	21.0	21.0	21.0 UJ	-	MG/KG	H2
M8015D/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	C20-C34 Motor Oil Range Organics	19.0	13.0	13.0 J		MG/KG	TR
M8015D/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	C20-C34 Motor Oil Range Organics	18.0	10.0	10.0 J		MG/KG	TR
M8015D/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	C10-C20 Diesel Range Organics	18.0	15.0	15.0 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	072SB-0098-0001-TB	240-28007-21	N	Petroleum Hydrocarbons C6-C12	100	52.0	100 U	+	UG/L	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Antimony	0.22	0.052	0.052 J		MG/KG	TR
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Selenium	0.54	0.22	0.22 J		MG/KG	TR
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Selenium	0.59	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Antimony	0.22	0.086	0.086 J		MG/KG	TR
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Selenium	0.56	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Silver	0.11	0.057	0.057 J		MG/KG	TR
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Selenium	0.53	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Antimony	0.21	0.057	0.057 J		MG/KG	TR
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Selenium	0.53	0.10	0.10 J		MG/KG	TR
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Silver	0.11	0.043	0.043 J		MG/KG	TR
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Thallium	0.11	0.10	0.10 J		MG/KG	TR
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Selenium	0.49	0.23	0.23 J		MG/KG	TR
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Selenium	0.49	0.084	0.084 J		MG/KG	TR
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Selenium	0.49	0.080	0.080 J		MG/KG	TR
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Selenium	0.49	0.21	0.21 J		MG/KG	TR
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Selenium	0.50	0.19	0.19 J		MG/KG	TR
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Selenium	0.50	0.063	0.063 J		MG/KG	TR
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Selenium	0.49	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Selenium	0.63	0.092	0.092 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	075SB-0009-0001-SO	240-28007-2	N	Mercury	0.11	0.023	0.023 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Mercury	0.11	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Mercury	0.086	0.041	0.041 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Mercury	0.10	0.016	0.016 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Benzo(a)anthracene	7.5	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Benzo(a)pyrene	7.5	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Benzo(g,h,i)perylene	7.5	5.2	5.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Chrysene	7.5	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Indeno(1,2,3-c,d)pyrene	7.5	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Naphthalene	7.5	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Naphthalene	8.3	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Phenanthrene	8.3	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Benzo(b)fluoranthene	7.7	6.9	6.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Fluoranthene	7.7	6.6	6.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Benzo(g,h,i)perylene	7.3	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Benzo(k)fluoranthene	7.3	3.7	3.7 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Indeno(1,2,3-c,d)pyrene	7.3	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Naphthalene	7.3	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Benzo(b)fluoranthene	7.1	3.9	3.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Chrysene	7.1	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Fluorene	7.1	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Naphthalene	7.1	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Phenanthrene	7.1	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	2,4-Dimethylphenol	180	180	180 UJ		UG/KG	V1
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	4-Nitroaniline	240	240	240 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	4-Nitrophenol	390	390	390 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	Benzoic acid	780	120	120 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	bis(2-Ethylhexyl) Phthalate	83.0	49.0	49.0 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	Di-n-Butyl Phthalate	83.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	Hexachlorocyclopentadiene	390	390	390 UJ		UG/KG	C
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	2,4-Dimethylphenol	180	180	180 UJ		UG/KG	V1
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	4-Nitroaniline	240	240	240 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	4-Nitrophenol	390	390	390 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	Benzoic acid	790	110	110 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	Hexachlorocyclopentadiene	390	390	390 UJ		UG/KG	C
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	Naphthalene	7.9	6.8	6.8 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	2,4-Dimethylphenol	180	180	180 UJ		UG/KG	V1
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	4-Nitroaniline	250	250	250 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	4-Nitrophenol	400	400	400 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Benzo(a)anthracene	8.2	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Benzoic acid	810	120	120 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	bis(2-Ethylhexyl) Phthalate	86.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Hexachlorocyclopentadiene	400	400	400 UJ		UG/KG	C
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Phenanthrene	8.2	6.8	6.8 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Pyrene	8.2	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	2,4-Dimethylphenol	180	180	180 UJ		UG/KG	V1
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	4-Nitroaniline	240	240	240 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	4-Nitrophenol	400	400	400 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	Benzoic acid	800	130	130 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	Di-n-Butyl Phthalate	85.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	Hexachlorocyclopentadiene	400	400	400 UJ		UG/KG	C
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	2,4-Dimethylphenol	180	180	180 UJ		UG/KG	V1
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	4-Nitroaniline	240	240	240 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	4-Nitrophenol	390	390	390 UJ		UG/KG	V2
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	Benzoic acid	780	110	110 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	bis(2-Ethylhexyl) Phthalate	83.0	48.0	48.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	Hexachlorocyclopentadiene	390	390	390 UJ		UG/KG	C

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	C20-C34 Motor Oil Range Organics	19.0	13.0	13.0 J	MG/KG	TR
M8015D/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	C20-C34 Motor Oil Range Organics	18.0	10.0	10.0 J	MG/KG	TR
M8015D/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	C10-C20 Diesel Range Organics	18.0	15.0	15.0 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Petroleum Hydrocarbons C6-C12	4400	8200	8200	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Silver	0.11	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Aluminum	3.3	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Arsenic	0.11	8.9	8.9	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Barium	1.1	80.0	80.0	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Beryllium	0.11	0.59	0.59	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Calcium	11.0	5300	5300	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Cadmium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Cobalt	0.054	8.3	8.3	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Chromium	0.22	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Copper	0.22	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Iron	5.4	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Potassium	11.0	990	990	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Magnesium	11.0	4000	4000	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Manganese	0.54	290	290	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Sodium	11.0	180	180	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Nickel	0.11	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Lead	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Antimony	0.22	0.052	0.052 J	MG/KG	TR
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Selenium	0.54	0.22	0.22 J	MG/KG	TR
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Thallium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Vanadium	0.11	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Zinc	0.54	51.0	51.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Silver	0.12	0.25	0.25	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Aluminum	3.6	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Arsenic	0.12	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Barium	1.2	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Beryllium	0.12	0.46	0.46	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Calcium	12.0	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Cadmium	0.12	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Cobalt	0.059	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Chromium	0.24	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Copper	0.24	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Iron	5.9	30000	30000	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Potassium	12.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Magnesium	12.0	5600	5600	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Manganese	0.59	450	450	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Sodium	12.0	91.0	91.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Nickel	0.12	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Lead	0.12	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Antimony	0.24	0.29	0.29	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Selenium	0.59	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Thallium	0.12	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Vanadium	0.12	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Zinc	0.59	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Silver	0.11	0.057	0.057 J	MG/KG	TR
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Aluminum	3.3	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Arsenic	0.11	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Barium	1.1	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Beryllium	0.11	0.54	0.54	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Calcium	11.0	11000	11000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Cadmium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Cobalt	0.056	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Chromium	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Copper	0.22	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Iron	5.6	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Potassium	11.0	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Magnesium	11.0	8600	8600	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Manganese	0.56	280	280	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Sodium	11.0	110	110	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Nickel	0.11	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Lead	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Antimony	0.22	0.086	0.086 J	MG/KG	TR
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Selenium	0.56	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Thallium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Vanadium	0.11	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Zinc	0.56	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Silver	0.11	0.39	0.39	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Aluminum	3.2	6300	6300	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Arsenic	0.11	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Barium	1.1	36.0	36.0	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Beryllium	0.11	0.36	0.36	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Calcium	11.0	1500	1500	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Cadmium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Cobalt	0.053	7.4	7.4	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Chromium	0.21	8.8	8.8	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Copper	0.21	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Iron	5.3	19000	19000	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Potassium	11.0	680	680	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Magnesium	11.0	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Manganese	0.53	390	390	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Sodium	11.0	63.0	63.0	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Nickel	0.11	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Selenium	0.53	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Thallium	0.11	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Vanadium	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Zinc	0.53	49.0	49.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Silver	0.11	0.043	0.043 J	MG/KG	TR
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Aluminum	3.2	7300	7300	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Arsenic	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Barium	1.1	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Beryllium	0.11	0.37	0.37	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Calcium	11.0	7400	7400	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Cadmium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Cobalt	0.053	8.1	8.1	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Chromium	0.21	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Copper	0.21	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Iron	5.3	22000	22000	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Potassium	11.0	1000	1000	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Magnesium	11.0	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Manganese	0.53	380	380	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Nickel	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Lead	0.11	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Antimony	0.21	0.057	0.057 J	MG/KG	TR
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Selenium	0.53	0.10	0.10 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Thallium	0.11	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Vanadium	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Zinc	0.53	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Silver	0.097	0.33	0.33	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Arsenic	0.097	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Barium	0.97	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Beryllium	0.097	0.53	0.53	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Calcium	9.7	1500	1500	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Cadmium	0.097	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Cobalt	0.049	8.9	8.9	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Iron	4.9	26000	26000	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Potassium	9.7	840	840	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Magnesium	9.7	2800	2800	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Manganese	0.49	390	390	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Sodium	9.7	72.0	72.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Nickel	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Selenium	0.49	0.23	0.23 J	MG/KG	TR
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Thallium	0.097	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Vanadium	0.097	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Zinc	0.49	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Silver	0.098	0.22	0.22	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Aluminum	2.9	9200	9200	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Arsenic	0.098	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Barium	0.98	38.0	38.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Beryllium	0.098	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Calcium	9.8	4400	4400	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Cadmium	0.098	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Cobalt	0.049	9.1	9.1	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Iron	4.9	26000	26000	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Potassium	9.8	950	950	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Magnesium	9.8	3700	3700	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Manganese	0.49	350	350	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Sodium	9.8	73.0	73.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Nickel	0.098	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Lead	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Selenium	0.49	0.084	0.084 J	MG/KG	TR
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Thallium	0.098	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Vanadium	0.098	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0045M-0001-SO	240-28007-14	N	Zinc	0.49	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Silver	0.098	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Aluminum	2.9	7000	7000	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Arsenic	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Barium	0.98	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Beryllium	0.098	0.39	0.39	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Calcium	9.8	1800	1800	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Cadmium	0.098	0.21	0.21	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Cobalt	0.049	7.8	7.8	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Chromium	0.20	9.7	9.7	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Iron	4.9	21000	21000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Potassium	9.8	720	720	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Magnesium	9.8	2200	2200	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Manganese	0.49	420	420	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Sodium	9.8	75.0	75.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Nickel	0.098	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Lead	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Selenium	0.49	0.080	0.080 J	MG/KG	TR
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Thallium	0.098	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Vanadium	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0046M-0001-SO	240-28007-15	N	Zinc	0.49	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Silver	0.097	0.24	0.24	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Arsenic	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Barium	0.97	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Beryllium	0.097	0.53	0.53	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Calcium	9.7	1300	1300	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Cadmium	0.097	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Cobalt	0.049	9.3	9.3	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Iron	4.9	29000	29000	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Potassium	9.7	910	910	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Magnesium	9.7	3000	3000	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Manganese	0.49	530	530	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Sodium	9.7	65.0	65.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Nickel	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Selenium	0.49	0.21	0.21 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Thallium	0.097	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Vanadium	0.097	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Zinc	0.49	46.0	46.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Silver	0.099	0.27	0.27	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Aluminum	3.0	12000	12000	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Arsenic	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Barium	0.99	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Beryllium	0.099	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Calcium	9.9	3400	3400	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Cadmium	0.099	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Cobalt	0.050	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Iron	5.0	29000	29000	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Potassium	9.9	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Magnesium	9.9	4100	4100	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Manganese	0.50	380	380	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Sodium	9.9	81.0	81.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Nickel	0.099	26.0	26.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Lead	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Selenium	0.50	0.19	0.19 J	MG/KG	TR
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Thallium	0.099	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Vanadium	0.099	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Zinc	0.50	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Silver	0.099	0.29	0.29	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Aluminum	3.0	11000	11000	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Arsenic	0.099	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Barium	0.99	52.0	52.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Beryllium	0.099	0.57	0.57	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Calcium	9.9	3700	3700	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Cadmium	0.099	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Iron	5.0	29000	29000	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Potassium	9.9	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Magnesium	9.9	4100	4100	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Manganese	0.50	440	440	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Sodium	9.9	72.0	72.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Nickel	0.099	25.0	25.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Lead	0.099	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Selenium	0.50	0.063	0.063 J	MG/KG	TR
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Thallium	0.099	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Vanadium	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0049M-0001-SO	240-28007-18	N	Zinc	0.50	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Silver	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Aluminum	2.9	7300	7300	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Arsenic	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Barium	0.98	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Beryllium	0.098	0.45	0.45	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Calcium	9.8	5600	5600	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Cadmium	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Cobalt	0.049	7.7	7.7	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Chromium	0.20	9.8	9.8	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Iron	4.9	22000	22000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Potassium	9.8	970	970	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Magnesium	9.8	3100	3100	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Manganese	0.49	420	420	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Sodium	9.8	81.0	81.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Nickel	0.098	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Lead	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Selenium	0.49	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Thallium	0.098	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Vanadium	0.098	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0050M-0001-SO	240-28007-20	N	Zinc	0.49	58.0	58.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Silver	0.13	0.31	0.31	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Aluminum	3.8	13000	13000	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Arsenic	0.13	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Barium	1.3	33.0	33.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Beryllium	0.13	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Calcium	13.0	6000	6000	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Cadmium	0.13	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Cobalt	0.063	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Chromium	0.25	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Copper	0.25	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Iron	6.3	33000	33000	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Potassium	13.0	1900	1900	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Magnesium	13.0	6900	6900	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Manganese	0.63	300	300	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Sodium	13.0	120	120	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Nickel	0.13	29.0	29.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Lead	0.13	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Selenium	0.63	0.092	0.092 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Thallium	0.13	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Vanadium	0.13	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0051-0001-SO	240-28007-19	N	Zinc	0.63	66.0	66.0	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	075SB-0009-0001-SO	240-28007-2	N	Mercury	0.11	0.023	0.023 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0044M-0001-SO	240-28007-13	N	Mercury	0.11	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0047M-0001-SO	240-28007-16	N	Mercury	0.086	0.041	0.041 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0048M-0001-SO	240-28007-17	N	Mercury	0.10	0.016	0.016 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Benzo(a)anthracene	7.5	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Benzo(a)pyrene	7.5	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Benzo(b)fluoranthene	7.5	7.6	7.6	UG/KG	
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Benzo(g,h,i)perylene	7.5	5.2	5.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Chrysene	7.5	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Fluoranthene	7.5	16.0	16.0	UG/KG	
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Indeno(1,2,3-c,d)pyrene	7.5	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Naphthalene	7.5	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Phenanthrene	7.5	16.0	16.0	UG/KG	
SW8270C/NONE	SO	072SB-0093-0001-SO	240-28007-7	N	Pyrene	7.5	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Naphthalene	8.3	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0094-0001-SO	240-28007-4	N	Phenanthrene	8.3	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Benzo(b)fluoranthene	7.7	6.9	6.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Benzo(g,h,i)perylene	7.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Chrysene	7.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Fluoranthene	7.7	6.6	6.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Naphthalene	7.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Phenanthrene	7.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	072SB-0095-0001-SO	240-28007-5	N	Pyrene	7.7	10.0	10.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Benzo(a)anthracene	7.3	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Benzo(a)pyrene	7.3	7.7	7.7	UG/KG	
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Benzo(b)fluoranthene	7.3	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Benzo(g,h,i)perylene	7.3	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Benzo(k)fluoranthene	7.3	3.7	3.7 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Chrysene	7.3	8.8	8.8	UG/KG	
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Fluoranthene	7.3	19.0	19.0	UG/KG	
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Indeno(1,2,3-c,d)pyrene	7.3	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Naphthalene	7.3	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Phenanthrene	7.3	18.0	18.0	UG/KG	
SW8270C/NONE	SO	072SB-0096-0001-SO	240-28007-3	N	Pyrene	7.3	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Benzo(b)fluoranthene	7.1	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Chrysene	7.1	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Fluorene	7.1	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Naphthalene	7.1	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0097-0001-SO	240-28007-6	N	Phenanthrene	7.1	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	bis(2-Ethylhexyl) Phthalate	83.0	49.0	49.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	Benzoic acid	780	120	120 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0034-0001-SO	240-28007-11	N	Di-n-Butyl Phthalate	83.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	Benzoic acid	790	110	110 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0035-0001-SO	240-28007-9	N	Naphthalene	7.9	6.8	6.8 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	bis(2-Ethylhexyl) Phthalate	86.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Benzo(a)anthracene	8.2	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Benzoic acid	810	120	120 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Fluoranthene	8.2	9.2	9.2	UG/KG	
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Phenanthrene	8.2	6.8	6.8 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0036-0001-SO	240-28007-8	N	Pyrene	8.2	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	Benzoic acid	800	130	130 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	074SB-0037-0001-SO	240-28007-10	N	Di-n-Butyl Phthalate	85.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	bis(2-Ethylhexyl) Phthalate	83.0	48.0	48.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	Benzoic acid	780	110	110 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0038-0001-SO	240-28007-12	N	Chrysene	7.9	10.0	10.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Anomalies Count

SDG Name: 240-28007-1_0813

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3540C/NONE	10	20
M8015V/SW5035/NONE	2	2
SW6020/SW3050B/NONE	6	36
SW7471A/TOTAL/NONE	11	11
SW8260B/SW5035/NONE	1	5
SW8270C/SW3550/NONE	5	21

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Reporting Anomalies

SDG Name: 240-28007-1_0813

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	072SB-0093-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	10	19	10	MG/KG
M8015D/NONE	072SB-0093-0001-SO	N	1	C20-C34 Motor Oil Range Organics	19 U	10	19	10	MG/KG
M8015D/NONE	072SB-0094-0001-SO	N	1	C10-C20 Diesel Range Organics	21 UJ	12	21	10	MG/KG
M8015D/NONE	072SB-0094-0001-SO	N	1	C20-C34 Motor Oil Range Organics	21 UJ	12	21	10	MG/KG
M8015D/NONE	072SB-0095-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0095-0001-SO	N	1	C20-C34 Motor Oil Range Organics	13 J	11	19	10	MG/KG
M8015D/NONE	072SB-0096-0001-SO	N	1	C10-C20 Diesel Range Organics	18 U	10	18	10	MG/KG
M8015D/NONE	072SB-0096-0001-SO	N	1	C20-C34 Motor Oil Range Organics	10 J	10	18	10	MG/KG
M8015D/NONE	072SB-0097-0001-SO	N	1	C10-C20 Diesel Range Organics	15 J	9.9	18	10	MG/KG
M8015D/NONE	072SB-0097-0001-SO	N	1	C20-C34 Motor Oil Range Organics	18 U	9.9	18	10	MG/KG
M8015D/NONE	074SB-0034-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0034-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0035-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0035-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0036-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0036-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0037-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0037-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0038-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0038-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	072SB-0094-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	110 U	50	110	100	UG/KG
M8015V/NONE	072SB-0097-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	8200	1500	4400	100	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0093-0001-SO	N	1	Barium	80	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0093-0001-SO	N	1	Beryllium	0.59	0.0082	0.11	0.1	MG/KG
SW6020/NONE	072SB-0093-0001-SO	N	1	Cadmium	0.14	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0093-0001-SO	N	1	Calcium	5300	1.4	11	10	MG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Reporting Anomalies

SDG Name: 240-28007-1_0813

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0093-0001-SO	N	1	Magnesium	4000	1.2	11	10	MG/KG
SW6020/NONE	072SB-0093-0001-SO	N	1	Selenium	0.22 J	0.055	0.54	0.5	MG/KG
SW6020/NONE	072SB-0094-0001-SO	N	1	Barium	31	0.013	1.2	1	MG/KG
SW6020/NONE	072SB-0094-0001-SO	N	1	Beryllium	0.46	0.0089	0.12	0.1	MG/KG
SW6020/NONE	072SB-0094-0001-SO	N	1	Cadmium	0.13	0.016	0.12	0.1	MG/KG
SW6020/NONE	072SB-0094-0001-SO	N	1	Calcium	5800	1.6	12	10	MG/KG
SW6020/NONE	072SB-0094-0001-SO	N	1	Magnesium	5600	1.3	12	10	MG/KG
SW6020/NONE	072SB-0094-0001-SO	N	1	Selenium	0.12 J	0.06	0.59	0.5	MG/KG
SW6020/NONE	072SB-0095-0001-SO	N	1	Barium	29	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0095-0001-SO	N	1	Beryllium	0.54	0.0084	0.11	0.1	MG/KG
SW6020/NONE	072SB-0095-0001-SO	N	1	Cadmium	0.13	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0095-0001-SO	N	1	Calcium	11000	1.5	11	10	MG/KG
SW6020/NONE	072SB-0095-0001-SO	N	1	Magnesium	8600	1.2	11	10	MG/KG
SW6020/NONE	072SB-0095-0001-SO	N	1	Selenium	0.12 J	0.057	0.56	0.5	MG/KG
SW6020/NONE	072SB-0096-0001-SO	N	1	Barium	36	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0096-0001-SO	N	1	Beryllium	0.36	0.008	0.11	0.1	MG/KG
SW6020/NONE	072SB-0096-0001-SO	N	1	Cadmium	0.14	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0096-0001-SO	N	1	Calcium	1500	1.4	11	10	MG/KG
SW6020/NONE	072SB-0096-0001-SO	N	1	Magnesium	2000	1.1	11	10	MG/KG
SW6020/NONE	072SB-0096-0001-SO	N	1	Selenium	0.11 J	0.054	0.53	0.5	MG/KG
SW6020/NONE	072SB-0097-0001-SO	N	1	Barium	24	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0097-0001-SO	N	1	Beryllium	0.37	0.0079	0.11	0.1	MG/KG
SW6020/NONE	072SB-0097-0001-SO	N	1	Cadmium	0.13	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0097-0001-SO	N	1	Calcium	7400	1.4	11	10	MG/KG
SW6020/NONE	072SB-0097-0001-SO	N	1	Magnesium	4300	1.1	11	10	MG/KG
SW6020/NONE	072SB-0097-0001-SO	N	1	Selenium	0.1 J	0.054	0.53	0.5	MG/KG
SW6020/NONE	076SB-0051-0001-SO	N	1	Barium	33	0.013	1.3	1	MG/KG
SW6020/NONE	076SB-0051-0001-SO	N	1	Beryllium	0.61	0.0095	0.13	0.1	MG/KG
SW6020/NONE	076SB-0051-0001-SO	N	1	Cadmium	0.13	0.017	0.13	0.1	MG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Reporting Anomalies

SDG Name: 240-28007-1_0813

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	076SB-0051-0001-SO	N	1	Calcium	6000	1.7	13	10	MG/KG
SW6020/NONE	076SB-0051-0001-SO	N	1	Magnesium	6900	1.4	13	10	MG/KG
SW6020/NONE	076SB-0051-0001-SO	N	1	Selenium	0.092 J	0.064	0.63	0.5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0093-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0094-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0095-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0096-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	075SB-0008-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	075SB-0009-0001-SO	N	1	Mercury	0.023 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0044M-0001-SO	N	1	Mercury	0.017 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0045M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0046M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0050M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SB-0051-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0094-0001-SO	N	1	Benzene	5.5 U	0.25	5.5	5	UG/KG
SW8260B/NONE	072SB-0094-0001-SO	N	1	Ethylbenzene	5.5 U	0.29	5.5	5	UG/KG
SW8260B/NONE	072SB-0094-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.5 U	0.47	5.5	5	UG/KG
SW8260B/NONE	072SB-0094-0001-SO	N	1	Toluene	5.5 U	0.3	5.5	5	UG/KG
SW8260B/NONE	072SB-0094-0001-SO	N	1	Xylenes, Total	11 U	0.39	11	10	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	074SB-0034-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	074SB-0034-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	074SB-0034-0001-SO	N	1	Cresols, m & p	470 U	24	470	300	UG/KG
SW8270C/NONE	074SB-0034-0001-SO	N	1	Hexachlorocyclopentadiene	390 UJ	9.6	390	330	UG/KG
SW8270C/NONE	074SB-0035-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	074SB-0035-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Reporting Anomalies

SDG Name: 240-28007-1_0813

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	074SB-0035-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	074SB-0035-0001-SO	N	1	Hexachlorocyclopentadiene	390 UJ	9.6	390	330	UG/KG
SW8270C/NONE	074SB-0036-0001-SO	N	1	Benzoic acid	120 J	44	810	800	UG/KG
SW8270C/NONE	074SB-0036-0001-SO	N	1	Benzyl alcohol	400 U	26	400	330	UG/KG
SW8270C/NONE	074SB-0036-0001-SO	N	1	Carbazole	61 U	33	61	50	UG/KG
SW8270C/NONE	074SB-0036-0001-SO	N	1	Cresols, m & p	490 U	25	490	300	UG/KG
SW8270C/NONE	074SB-0036-0001-SO	N	1	Hexachlorocyclopentadiene	400 UJ	9.9	400	330	UG/KG
SW8270C/NONE	074SB-0037-0001-SO	N	1	Benzyl alcohol	400 U	25	400	330	UG/KG
SW8270C/NONE	074SB-0037-0001-SO	N	1	Carbazole	60 U	33	60	50	UG/KG
SW8270C/NONE	074SB-0037-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	074SB-0037-0001-SO	N	1	Hexachlorocyclopentadiene	400 UJ	9.8	400	330	UG/KG
SW8270C/NONE	074SB-0038-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	074SB-0038-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	074SB-0038-0001-SO	N	1	Cresols, m & p	470 U	24	470	300	UG/KG
SW8270C/NONE	074SB-0038-0001-SO	N	1	Hexachlorocyclopentadiene	390 UJ	9.6	390	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Worksheet

SDG Name: 240-28007-1_0813

Method: M8015D				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?		•		Samples analyzed outside prep holding time.
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?		•		
Is the ICAL %RSD within acceptance limits (%D =20%) ?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV(s) run at the proper frequency?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			
Was a field blank (equipment or trip) collected and analyzed?			•	Not collected.
Were target analytes reported in the field blank analyses above the MDL?			•	Not collected.
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			Single Pair.
Were the MRL recoveries within 70-130% limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	•			
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	Not collected.
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not analyzed.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	Not analyzed.
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
For non-aqueous sample, did the sample have a Percent Moisture less than 70.0%?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Method: M8015D				
Review Questions	Yes	No	NA	Comment
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?			•	
Were instrument run logs present and filled out appropriately?			•	
Method: M8015V				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) ?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV(s) run at the proper frequency?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			C6-C12 detected in Method blank.
Was a field blank (equipment or trip) collected and analyzed?	•			A trip blank was analyzed for this method. Detection found in TB, qualified "U" due to Lab blank.
Were target analytes reported in the field blank analyses above the MDL?	•			
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			Single Pair.
Were the MRL recoveries within 70-130% limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	•			
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	Not collected.
Is the MS/MSD parent sample the one designated by the sampling team?	•			MS/MSD performed.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			Sample 074SB-0037-0001-SO; within recovery limits
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Method: M8015V				
Review Questions	Yes	No	NA	Comment
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
For non-aqueous sample, did the sample have a Percent Moisture less than 70.0%?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?			•	
Were instrument run logs present and filled out appropriately?			•	
Method: SW6020				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			Zn was detected in the ICB; Cu was detected in the CCB. Ba and Cu detected in the method blank. Ba, Ca, Cu were detected below the RL. No impact on samples.
Was a field blank collected and analyzed?	•			program wide See Section 2.6
Were target analytes reported in the field blank analyses above the MDL?	•			
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	Not collected.
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Method: SW6020				
Review Questions	Yes	No	NA	Comment
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Method: SW7471A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		Hg not detected in ICB/CCB/MB.
Was a field blank collected and analyzed?			•	Not collected.
Were target analytes reported in the field blank analyses above the MDL?			•	Not collected.
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	Not collected.
Was a LCS prepared and analyzed with each batch?	•			Single pair.
Were the LCS recoveries within QAPP acceptance limits?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Method: SW7471A				
Review Questions	Yes	No	NA	Comment
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			Sample 075SB-0008-0001. Within QC limits.
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			BTEX only.
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV(s) run at the proper frequency?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			Trip blank was collected.
Were target analytes reported in the field blank analyses above the MDL?	•			
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	Not collected.
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			Single pair.
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	•			
Was the duplicate RPD within QAPP acceptance limits?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?			•	Not analyzed.
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not analyzed.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	Not analyzed.
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?			•	
Were sample preparation sheets present and filled out appropriately?			•	
Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?		•		2,4-dimethylphenol %D>20% in all batches; Samples qualified.
Was a CCV(s) run at the proper frequency?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?		•		4-nitrophenol and 4-nitroaniline %D >20% in all batches. Samples qualified.
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			
Was a field blank (equipment or trip) collected and analyzed at the required frequency?			•	Not collected.
Were target analytes reported in the field blank analyses above the MDL?			•	Not collected.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	Not collected.
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			Single Pair.

AUTOMATED DATA REVIEW SUMMARY for 240-28007-1_0813

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Were the LCS/LCSD recoveries within QAPP acceptance limits?		•		Hexachlorocyclopentadiene %R was 62% below the QAPP control limits (70-130%).
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	•			
Was the duplicate RPD within QAPP acceptance limits?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?			•	Not analyzed with this method.
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not analyzed with this method.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	Not analyzed with this method.
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
For non-aqueous sample, did the sample have a Percent Moisture less than 70.0%?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?			•	
Were sample preparation sheets present and filled out appropriately?			•	

WORKSHEET 9

**Automated Data Review Summary for J18735 -1/-2
Site Samples and Source Water**

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AUTOMATED DATA REVIEW SUMMARY for J18735 -1/-2_SourceWater

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Abingdon, MD

Data Review Contractor:

SDG: J18735_SourceWater, Certified - 10/4/2013 by frederickroche

QC Level:

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG J18735_SourceWater

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
E353.2/NONE	2	0
M8015D/NONE	2	0
M8015V/NONE	2	0
SW6020/NONE	2	0
SW7470A/NONE	2	0
SW8081/NONE	2	0
SW8082/NONE	2	0

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
SW8151A/NONE	2	0
SW8260B/NONE	2	0
SW8270C/NONE	2	0
SW8330B/NONE	2	0

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Abingdon, MD; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) J18735_SourceWater. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

Surrogate

Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Ambient Blank

Blank

Blank - Negative

Calibration Blank

Calibration Blank - Negative

Continuing Calibration Verification

Equipment Blank

Field Blank

Field Duplicate RPD

Initial Calibration Verification

Lab Replicate RPD

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

LCS Recovery

LCS RPD

Material Blank

MS Recovery

MS RPD

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 0 results (0.00%) out of the 370 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
8009	7878	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	27-Dec-2012 6:07 AM	27-Dec-2012 1:51 PM	N
	7878	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	27-Dec-2012 6:07 AM	27-Dec-2012 1:53 PM	N
Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68949	68549	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:26 AM	17-Dec-2012 9:35 PM	N
	68549	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:26 AM	17-Dec-2012 10:05 PM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69738	69738	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	22-Dec-2012 4:18 PM	22-Dec-2012 4:18 PM	N
	69738	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	22-Dec-2012 4:56 PM	22-Dec-2012 4:56 PM	N
Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59694	59308	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	24-Dec-2012 10:24 AM	29-Dec-2012 4:07 AM	N
	59308	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	24-Dec-2012 10:24 AM	29-Dec-2012 4:11 AM	N
Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70694	70255	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	27-Dec-2012 4:00 PM	29-Dec-2012 12:08 PM	N
	70255	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	27-Dec-2012 4:00 PM	29-Dec-2012 12:10 PM	N

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Batch Report

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69152	68554	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:40 AM	18-Dec-2012 1:14 PM	N
	68554	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:40 AM	18-Dec-2012 1:42 PM	N
Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69119	68553	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:37 AM	18-Dec-2012 9:11 AM	N
	68553	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:37 AM	18-Dec-2012 9:26 AM	N
Test Method: SW8151A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70037	69372	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	19-Dec-2012 9:51 AM	24-Dec-2012 5:40 PM	N
	69372	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	19-Dec-2012 9:51 AM	24-Dec-2012 6:03 PM	N
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69591	69591	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	20-Dec-2012 2:04 PM	20-Dec-2012 2:04 PM	N
	69591	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	20-Dec-2012 2:26 PM	20-Dec-2012 2:26 PM	N
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68962	68547	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:21 AM	17-Dec-2012 12:28 PM	N
	68547	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:21 AM	17-Dec-2012 12:51 PM	N

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7404	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	14-Dec-2012 11:07 AM	21-Dec-2012 3:22 PM	N
	7404	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	14-Dec-2012 11:07 AM	21-Dec-2012 4:02 PM	N
7855	7807	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		2/1	12-Dec-2012 1:00 PM	24-Dec-2012 12:40 PM	27-Dec-2012 4:51 AM	N
	7807	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		2/1	12-Dec-2012 1:15 PM	24-Dec-2012 12:40 PM	27-Dec-2012 5:06 AM	N

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Field Batch Report

--No Records Found--

QC Outliers Report

--No Records Found--

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Petroleum Hydrocarbons C6-C12	100	39.0	39.0 J		UG/L	TR
M8015V/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Petroleum Hydrocarbons C6-C12	100	36.0	36.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Aluminum	30.0	13.0	13.0 J		UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Arsenic	1.0	0.49	0.49 J		UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Cobalt	0.50	0.11	0.11 J		UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Copper	2.0	0.83	0.83 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Barium	10.0	0.13	0.13 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Calcium	100	59.0	59.0 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Copper	2.0	0.60	0.60 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Magnesium	100	29.0	29.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	2-Butanone (MEK)	10.0	1.2	1.2 J		UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Acetone	10.0	2.1	2.1 J		UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Toluene	1.0	0.15	0.15 J		UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Petroleum Hydrocarbons C6-C12	100	39.0	39.0 J	UG/L	TR
M8015V/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Petroleum Hydrocarbons C6-C12	100	36.0	36.0 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Aluminum	30.0	13.0	13.0 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Arsenic	1.0	0.49	0.49 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Barium	10.0	39.0	39.0	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Calcium	100	66000	66000	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Cobalt	0.50	0.11	0.11 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Copper	2.0	0.83	0.83 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Iron	50.0	440	440	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Potassium	100	2500	2500	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Magnesium	100	27000	27000	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Manganese	5.0	77.0	77.0	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Sodium	100	35000	35000	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Zinc	5.0	18.0	18.0	UG/L	
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Barium	10.0	0.13	0.13 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Calcium	100	59.0	59.0 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Copper	2.0	0.60	0.60 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Magnesium	100	29.0	29.0 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Sodium	100	1600	1600	UG/L	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Acetone	10.0	2.1	2.1 J	UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Bromodichloromethane	1.0	3.6	3.6	UG/L	
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Toluene	1.0	0.15	0.15 J	UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Dibromochloromethane	1.0	1.3	1.3	UG/L	
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	2-Butanone (MEK)	10.0	1.2	1.2 J	UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Chloroform	1.0	5.3	5.3	UG/L	

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Anomalies Count

SDG Name: J18735_SourceWater

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3520C/NONE	2	4
SW6020/TOTAL/NONE	2	2
SW8081/SW3520C/NONE	2	10
SW8082/SW3520C/NONE	2	14
SW8151A/METHOD/NONE	2	22
SW8260B/SW5030B/NONE	2	2
SW8330B/METHOD/NONE	2	6

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reporting Anomalies

SDG Name: J18735_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	070-0056-0001-SOURCE WATER	N	1	C10-C20 Diesel Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	070-0056-0001-SOURCE WATER	N	1	C20-C34 Motor Oil Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	070-0057-0001-SOURCE WATER	N	1	C10-C20 Diesel Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	070-0057-0001-SOURCE WATER	N	1	C20-C34 Motor Oil Range Organics	480 U	230	480	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	070-0056-0001-SOURCE WATER	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	070-0057-0001-SOURCE WATER	N	1	Cadmium	1 U	0.13	1	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Aldrin	0.048 U	0.0078	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Dieldrin	0.048 U	0.0071	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Heptachlor	0.048 U	0.0076	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Heptachlor Epoxide	0.048 U	0.0068	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Aldrin	0.048 U	0.0078	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Dieldrin	0.048 U	0.0071	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Heptachlor	0.048 U	0.0076	0.048	0.03	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reporting Anomalies

SDG Name: J18735_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Heptachlor Epoxide	0.048 U	0.0068	0.048	0.03	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	2,4 DB	4 U	0.69	4	0	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reporting Anomalies

SDG Name: J18735_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	2,4,5-T (Trichlorophenoxyacetic Acid)	1 U	0.3	1	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	2,4-D (Dichlorophenoxyacetic Acid)	4 U	0.41	4	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dalapon	2 U	0.17	2	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dicamba	2 U	0.52	2	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dichloroprop	4 U	0.86	4	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dinoseb	0.6 U	0.087	0.6	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	MCPA	400 U	390	400	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	MCPPP	400 U	400	400	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Pentachlorophenol	0.1 U	0.024	0.1	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Silvex (2,4,5-TP)	1 U	0.2	1	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	2,4 DB	4 U	0.69	4	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	2,4,5-T (Trichlorophenoxyacetic Acid)	1 U	0.3	1	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	2,4-D (Dichlorophenoxyacetic Acid)	4 U	0.41	4	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dalapon	2 U	0.17	2	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dicamba	2 U	0.52	2	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dichloroprop	4 U	0.86	4	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dinoseb	0.6 U	0.087	0.6	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	MCPA	400 U	390	400	0	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reporting Anomalies

SDG Name: J18735_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	MCP	400 U	400	400	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Pentachlorophenol	0.1 U	0.024	0.1	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Silvex (2,4,5-TP)	1 U	0.2	1	0	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	070-0056-0001-SOURCE WATER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	070-0057-0001-SOURCE WATER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	070-0056-0001-SOURCE WATER	N	1	2-Nitrotoluene	0.5 U	0.088	0.5	0.2	UG/L
SW8330B/NONE	070-0056-0001-SOURCE WATER	N	1	3-Nitrotoluene	0.5 U	0.057	0.5	0.2	UG/L
SW8330B/NONE	070-0056-0001-SOURCE WATER	N	1	4-Nitrotoluene	0.5 U	0.088	0.5	0.2	UG/L
SW8330B/NONE	070-0057-0001-SOURCE WATER	N	1	2-Nitrotoluene	0.49 U	0.087	0.49	0.2	UG/L
SW8330B/NONE	070-0057-0001-SOURCE WATER	N	1	3-Nitrotoluene	0.49 U	0.056	0.49	0.2	UG/L
SW8330B/NONE	070-0057-0001-SOURCE WATER	N	1	4-Nitrotoluene	0.49 U	0.087	0.49	0.2	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Worksheet

SDG Name: J18735_SourceWater

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor:

SDG: 240-18735-1_(70-76-SB), Certified - 1/9/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-18735-1_(70-76-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
M8015V/NONE	1	1	0	0
SW7196A/NONE	16		2	
SW8260B/NONE		1		0

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18735-1_(70-76-SB). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

- Field Blank
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD
- Material Blank
- Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 0 results (0.00%) out of the 56 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
M8015V	
SW7196A	

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

SW8260B	

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Batch Report

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69738	NA	NA	LABQC	SQ	LABQC	MB 240-69738/52		1/1	22-Dec-2012 6:53 PM		22-Dec-2012 6:53 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-69738/53		1/1	22-Dec-2012 7:32 PM		22-Dec-2012 7:32 PM	BS
	69885	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18735-1		1/1	07-Dec-2012 11:45 AM	12-Dec-2012 10:10 PM	23-Dec-2012 7:33 AM	N
	69885	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18735-1		1/1	12-Dec-2012 12:00 AM	12-Dec-2012 10:10 PM	23-Dec-2012 8:10 AM	MS
	69885	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18735-1		1/1	12-Dec-2012 12:00 AM	12-Dec-2012 10:10 PM	23-Dec-2012 8:49 AM	SD
	69738	NA	LABQC	WQ	LABQC	MB 240-69738/36		1/1	22-Dec-2012 8:46 AM	22-Dec-2012 8:46 AM	22-Dec-2012 8:46 AM	LB
	69738	NA	LABQC	WQ	LABQC	LCS 240-69738/37		1/1	22-Dec-2012 9:24 AM	22-Dec-2012 9:24 AM	22-Dec-2012 9:24 AM	BS
	69738	NA	70-4744-DU1-SB6	WG	070SB-0055-0001-TB	240-18735-2		1/1	12-Dec-2012 12:00 AM	22-Dec-2012 3:41 PM	22-Dec-2012 3:41 PM	N
Test Method: SW7196A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70884	70771	NA	LABQC	SQ	LABQC	LCSI 240-70771/11-A		1/1	31-Dec-2012 1:31 PM	31-Dec-2012 1:31 PM	02-Jan-2013 12:00 AM	BS
	70771	NA	LABQC	SQ	LABQC	LCSS 240-70771/10-A		1/1	31-Dec-2012 1:31 PM	31-Dec-2012 1:31 PM	02-Jan-2013 12:00 AM	BS
	70771	NA	LABQC	SQ	LABQC	MB 240-70771/9-A		1/1	31-Dec-2012 1:31 PM	31-Dec-2012 1:31 PM	02-Jan-2013 12:00 AM	LB
	70771	NA	76-U3-UST-SB1	SO	076SB-0119-0001-SO	240-18735-8		1/1	11-Dec-2012 9:10 AM	31-Dec-2012 1:31 PM	02-Jan-2013 12:53 PM	N
	70771	NA	76-U3-UST-SB2	SO	076SB-0120-0001-SO	240-18735-9		1/1	11-Dec-2012 11:20 AM	31-Dec-2012 1:31 PM	02-Jan-2013 12:54 PM	N
	70771	NA	76-U3-UST-SB3	SO	076SB-0121-0001-SO	240-18735-10		1/1	11-Dec-2012 10:50 AM	31-Dec-2012 1:31 PM	02-Jan-2013 12:57 PM	N
	70771	NA	76-U3-UST-SB4	SO	076SB-0122-0001-SO	240-18735-11		1/1	11-Dec-2012 9:30 AM	31-Dec-2012 1:31 PM	02-Jan-2013 12:57 PM	N
	70771	NA	76-U3-UST-SB5	SO	076SB-0123-0001-SO	240-18735-12		1/1	11-Dec-2012 9:50 AM	31-Dec-2012 1:31 PM	02-Jan-2013 1:11 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Batch Report

Test Method: SW7196A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70884	70771	NA	76-U3-UST-SB6	SO	076SB-0124-0001-SO	240-18735-13		1/1	11-Dec-2012 10:15 AM	31-Dec-2012 1:31 PM	02-Jan-2013 1:11 PM	N
	70771	NA	76-U6-UST-SB1	SO	076SB-0125-0001-SO	240-18735-14		1/1	12-Dec-2012 10:15 AM	31-Dec-2012 1:31 PM	02-Jan-2013 1:14 PM	MS
	70771	NA	76-U6-UST-SB1	SO	076SB-0125-0001-SO	240-18735-14		1/1	12-Dec-2012 10:15 AM	31-Dec-2012 1:31 PM	02-Jan-2013 1:15 PM	N
	70771	NA	76-U6-UST-SB2	SO	076SB-0126-0001-SO	240-18735-15		1/1	11-Dec-2012 3:55 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:17 PM	N
	70771	NA	76-U6-UST-SB2	SO	076SB-0127-0001-SO	240-18735-16		1/1	11-Dec-2012 3:55 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:18 PM	FD
	70771	NA	76-U6-UST-SB3	SO	076SB-0128-0001-SO	240-18735-17		1/1	11-Dec-2012 3:20 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:26 PM	N
	70771	NA	76-U6-UST-SB4	SO	076SB-0129-0001-SO	240-18735-18		1/1	11-Dec-2012 2:50 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:30 PM	N
	70771	NA	76-U6-UST-SB5	SO	076SB-0130-0001-SO	240-18735-19		1/1	12-Dec-2012 10:49 AM	31-Dec-2012 1:31 PM	02-Jan-2013 1:33 PM	N
	70771	NA	76-U6-UST-SB6	SO	076SB-0131-0001-SO	240-18735-20		1/1	12-Dec-2012 11:24 AM	31-Dec-2012 1:31 PM	02-Jan-2013 1:34 PM	N
	70771	NA	76-A1-UST-SB1	SO	076SB-0132-0001-SO	240-18735-21		1/1	11-Dec-2012 12:25 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:37 PM	N
	70771	NA	76-A1-UST-SB1	SO	076SB-0133-0001-SO	240-18735-22		1/1	11-Dec-2012 12:25 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:38 PM	FD
	70771	NA	76-A1-UST-SB2	SO	076SB-0134-0001-SO	240-18735-23		1/1	11-Dec-2012 1:15 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:43 PM	N
	70771	NA	76-A1-UST-SB3	SO	076SB-0135-0001-SO	240-18735-24		1/1	11-Dec-2012 1:40 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:43 PM	N
	70771	NA	76-A6-UST-SB13	SO	076SB-0136-0001-SO	240-18735-25		1/1	11-Dec-2012 2:10 PM	31-Dec-2012 1:31 PM	02-Jan-2013 1:47 PM	N
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69591	69591	NA	LABQC	WQ	LABQC	LCS 240-69591/4		1/1	20-Dec-2012 12:21 PM	20-Dec-2012 12:21 PM	20-Dec-2012 12:21 PM	BS
	69591	NA	LABQC	WQ	LABQC	MB 240-69591/6		1/1	20-Dec-2012 1:05 PM	20-Dec-2012 1:05 PM	20-Dec-2012 1:05 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69591	69591	NA	70-4744-DU1-SB6	WG	070-0060-0001-TB	240-18735-7		1/1	12-Dec-2012 12:00 AM	20-Dec-2012 4:37 PM	20-Dec-2012 4:37 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Field Batch Report

--No Records Found--

QC Outliers Report

--No Records Found--

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	070SB-0055-0001-TB	240-18735-2	N	Petroleum Hydrocarbons C6-C12	100	37.0	37.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7196A/NONE	SO	076SB-0120-0001-SO	240-18735-9	N	Chromium, Hexavalent	0.91	0.34	0.34 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0126-0001-SO	240-18735-15	N	Chromium, Hexavalent	0.89	0.31	0.31 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0133-0001-SO	240-18735-22	FD	Chromium, Hexavalent	0.98	0.39	0.39 J		MG/KG	TR
SW7196A/NONE	SO	076SB-0134-0001-SO	240-18735-23	N	Chromium, Hexavalent	0.91	0.37	0.37 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	070-0060-0001-TB	240-18735-7	N	Chloroform	1.0	0.32	0.32 J		UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	WG	070SB-0055-0001-TB	240-18735-2	N	Petroleum Hydrocarbons C6-C12	100	37.0	37.0 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7196A/NONE	SO	076SB-0120-0001-SO	240-18735-9	N	Chromium, Hexavalent	0.91	0.34	0.34 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0126-0001-SO	240-18735-15	N	Chromium, Hexavalent	0.89	0.31	0.31 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0133-0001-SO	240-18735-22	FD	Chromium, Hexavalent	0.98	0.39	0.39 J	MG/KG	TR
SW7196A/NONE	SO	076SB-0134-0001-SO	240-18735-23	N	Chromium, Hexavalent	0.91	0.37	0.37 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	070-0060-0001-TB	240-18735-7	N	Chloroform	1.0	0.32	0.32 J	UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Anomalies Count

SDG Name: 240-18735-1_(70-76-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
SW8260B/SW5030B/NONE	1	1

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Worksheet

SDG Name: 240-18735-1_(70-76-SB)

Method: M8015V

Review Questions

Yes

No

NA

Comment

Did Chain-of-Custody information agree with laboratory report?

Were samples preserved properly and received in good condition?

Were sample receipt temperatures met?

Were holding times for prep and analysis met?

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?

Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?

Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?

Was a CCV run at the beginning of the analytical sequence and every 12 hours?

Was the CCV a mid-level standard from the initial calibration curve?

Was the CCV %D within criteria (%D =20%)?

Was a method blank prepared and analyzed with each batch?

Were target analytes detected in the method blank above the MDL?

Was a field blank (equipment or trip) collected and analyzed?

Were target analytes reported in the field blank analyses above the MDL?

Were surrogate recoveries within QAPP acceptance limits?

Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)

Were the LCS recoveries within QAPP acceptance limits?

Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)

If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?

Is the MS/MSD parent sample the one designated by the sampling team?

Were MS/MSD recoveries and RPD within QAPP acceptance limits?

Were all QAPP-specified target analytes reported?

Were reported sample concentrations within calibration range?

Are all samples associated with QC non-compliances flagged appropriately?

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Method: M8015V				
Review Questions	Yes	No	NA	Comment
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

Method: SW7196A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Method: SW7196A

Review Questions

Yes

No

NA

Comment

Are all samples associated with QC non-compliances flagged appropriately?

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?

Method: SW8260B

Review Questions

Yes

No

NA

Comment

Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?

Were samples preserved properly and received in good condition?

Were holding times met?

Were sample receipt temperatures met?

Were QAPP specified PQLs achieved?

Were all QAPP-specified target analytes reported?

Was the GC/MS system properly tuned based on method criteria?

•

Not Required

Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?

•

Not Required

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?

•

Not Required

Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?

•

Not Required

Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?

•

Not Required

Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?

•

Not Required

If a linear regression curve was used, was the correlation coefficient within criteria?

•

Not Required

Was a second source verification analyzed after the ICAL and all analytes within criteria?

•

Not Required

Was a CCV run at the beginning of the analytical sequence and every 12 hours?

•

Not Required

Was the CCV a mid-level standard from the initial calibration curve?

•

Not Required

Did the CCCs have a %Difference within QAPP acceptance limits?

•

Not Required

Were the average RFs for the SPCCs within QAPP acceptance limits?

•

Not Required

Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?

•

Not Required

Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?

•

Not Required

AUTOMATED DATA REVIEW SUMMARY for 240-18735-1_(70-76-SB)

Method: SW8260B

Review Questions	Yes	No	NA	Comment
Were the retention times for all IS compounds within QAPP acceptance limits?			•	Not Required
Are the area counts of all IS compounds within QAPP acceptance limits?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed at the required frequency?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch?				
Were the LCS/LCSD recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits?				
Was the duplicate RPD within QAPP acceptance limits?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were surrogate recoveries within QAPP acceptance limits?				
Were reported sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were instrument run logs present and filled out appropriately?				
Were sample preparation sheets present and filled out appropriately?				

WORKSHEET 10

**Automated Data Review Summary for 240-21987-1
Source Water**

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AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Facility: Ravenna Army Ammunition Plant

Event: Spring 2013 RI/SI Sampling Event

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Cincinnati, OH

Data Review Contractor: ECC

SDG: 240-21987-1_79_SourceWater_TB_1, Certified - 6/10/2013 by frederickroche

QC Level: ADR

Project Manager: Al Easterday

Data Reviewer: Samir A. Naguib

Data Reviewer Title: Sr. QA Chemist

Date of Review Report: June 11, 2013

Samples Included in SDG 240-21987-1_79_SourceWater_TB_1

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
E353.2/NONE	1	0
M8015D/NONE	1	0
M8015V/NONE	2	0
SW6020/NONE	1	0
SW7196A/NONE	1	0
SW7470A/NONE	1	0
SW8081/NONE	1	0

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
SW8082/NONE	1	0
SW8151/NONE	1	0
SW8260B/NONE	2	0
SW8270C/NONE	1	0
SW8330B/NONE	1	0

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Cincinnati, OH; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-21987-1_79_SourceWater_TB_1. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- LCS Recovery
- LCS RPD
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Field Blank

Field Duplicate RPD

Initial Calibration Verification

Lab Replicate RPD

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 23 results (10.31%) out of the 223 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

M8015V	
SW6020	
SW7470A	
SW8081	
SW8260B	
SW8270C	
SW8330B	
SW7196A	
SW8082	
SW8151	

11-Jun-2013

Reviewed by Samir A. Naguib, Sr. QA Chemist

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
13190	12938	NA	LABQC	WQ	LABQC	MB 320-12877/1-B		1/1	25-Mar-2013 8:23 AM	25-Mar-2013 8:23 AM	25-Mar-2013 12:47 PM	LB
	12938	NA	LABQC	WQ	LABQC	LCS 320-12877/2-B		1/1	25-Mar-2013 8:23 AM	25-Mar-2013 8:23 AM	25-Mar-2013 12:49 PM	BS
	12938	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	25-Mar-2013 8:23 AM	25-Mar-2013 12:51 PM	N
	12938	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	25-Mar-2013 8:23 AM	25-Mar-2013 12:53 PM	MS
	12938	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	25-Mar-2013 8:23 AM	25-Mar-2013 12:55 PM	SD
Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
78992	78624	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	18-Mar-2013 10:31 AM	21-Mar-2013 5:45 PM	N
Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79100	79100	NA	LABQC	WQ	LABQC	MB 240-79100/38		1/1	23-Mar-2013 8:14 AM	23-Mar-2013 8:14 AM	23-Mar-2013 8:14 AM	LB
	79100	NA	LABQC	WQ	LABQC	LCS 240-79100/39		1/1	23-Mar-2013 8:51 AM	23-Mar-2013 8:51 AM	23-Mar-2013 8:51 AM	BS
	79100	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	23-Mar-2013 9:27 AM	23-Mar-2013 9:27 AM	N
	79100	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	23-Mar-2013 10:03 AM	23-Mar-2013 10:03 AM	MS
	79100	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	23-Mar-2013 10:40 AM	23-Mar-2013 10:40 AM	SD
	79100	NA	79-LL3-DU1-SB3	WG	079-0009-0001-TB TRIP BLANK	240-21987-3		1/1	14-Mar-2013 8:00 AM	23-Mar-2013 11:16 AM	23-Mar-2013 11:16 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68058	66565	NA	LABQC	WQ	LABQC	MB 180-66565/1-A		1/1	18-Mar-2013 1:02 PM	18-Mar-2013 1:02 PM	01-Apr-2013 3:24 PM	LB
	66565	NA	LABQC	WQ	LABQC	LCS 180-66565/2-A		1/1	18-Mar-2013 1:02 PM	18-Mar-2013 1:02 PM	01-Apr-2013 3:29 PM	BS
	66565	NA	LABQC	WQ	LABQC	LCSD 180-66565/3-A		1/1	18-Mar-2013 1:02 PM	18-Mar-2013 1:02 PM	01-Apr-2013 3:34 PM	BD
	66565	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	18-Mar-2013 1:02 PM	01-Apr-2013 3:42 PM	N
Test Method: SW7196A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
78405	78405	NA	LABQC	WQ	LABQC	MB 240-78405/8		1/1	14-Mar-2013 5:42 PM	14-Mar-2013 5:42 PM	14-Mar-2013 5:42 PM	LB
	78405	NA	LABQC	WQ	LABQC	LCS 240-78405/9		1/1	14-Mar-2013 5:43 PM	14-Mar-2013 5:43 PM	14-Mar-2013 5:43 PM	BS
	78405	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	14-Mar-2013 5:44 PM	14-Mar-2013 5:44 PM	N
	78405	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	14-Mar-2013 5:46 PM	14-Mar-2013 5:46 PM	MS
	78405	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	14-Mar-2013 5:47 PM	14-Mar-2013 5:47 PM	SD
Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
78674	78432	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	15-Mar-2013 12:45 PM	18-Mar-2013 5:49 PM	N
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79056	78726	NA	LABQC	WQ	LABQC	LCS 240-78726/3-A		1/1	19-Mar-2013 9:10 AM	19-Mar-2013 9:10 AM	21-Mar-2013 5:16 PM	BS
	78726	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	19-Mar-2013 9:10 AM	21-Mar-2013 5:36 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Batch Report

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79056	78726	NA	LABQC	WQ	LABQC	MB 240-78726/2-A		1/1	19-Mar-2013 9:10 AM	19-Mar-2013 9:10 AM	21-Mar-2013 5:56 PM	LB
Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79577	78721	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	19-Mar-2013 8:52 AM	27-Mar-2013 10:07 AM	N
	78721	NA	LABQC	WQ	LABQC	MB 240-78721/17-A		1/1	19-Mar-2013 8:52 AM	19-Mar-2013 8:52 AM	27-Mar-2013 12:28 PM	LB
	78721	NA	LABQC	WQ	LABQC	LCS 240-78721/18-A		1/1	19-Mar-2013 8:52 AM	19-Mar-2013 8:52 AM	27-Mar-2013 2:59 PM	BS
Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79197	78626	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	18-Mar-2013 10:35 AM	22-Mar-2013 8:57 PM	N
	78626	NA	LABQC	WQ	LABQC	MB 240-78626/3-A		1/1	18-Mar-2013 10:35 AM	18-Mar-2013 10:35 AM	22-Mar-2013 9:21 PM	LB
	78626	NA	LABQC	WQ	LABQC	LCS 240-78626/4-A		1/1	18-Mar-2013 10:35 AM	18-Mar-2013 10:35 AM	22-Mar-2013 9:44 PM	BS
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79725	79725	NA	LABQC	WQ	LABQC	LCS 240-79725/4		1/1	28-Mar-2013 10:02 AM	28-Mar-2013 10:02 AM	28-Mar-2013 10:02 AM	BS
	79725	NA	LABQC	WQ	LABQC	MB 240-79725/6		1/1	28-Mar-2013 10:55 AM	28-Mar-2013 10:55 AM	28-Mar-2013 10:55 AM	LB
	79725	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	28-Mar-2013 11:21 AM	28-Mar-2013 11:21 AM	N
	79725	NA	79-LL3-DU1-SB2	WG	079-0008-0001-TB TRIP BLANK	240-21987-2		1/1	14-Mar-2013 8:00 AM	28-Mar-2013 11:47 AM	28-Mar-2013 11:47 AM	N
	79725	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	28-Mar-2013 1:33 PM	28-Mar-2013 1:33 PM	MS

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79725	79725	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	28-Mar-2013 1:59 PM	28-Mar-2013 1:59 PM	SD
Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79745	78456	NA	LABQC	WQ	LABQC	MB 240-78456/17-A		1/1	15-Mar-2013 8:45 AM	15-Mar-2013 8:45 AM	28-Mar-2013 12:06 PM	LB
	78456	NA	LABQC	WQ	LABQC	LCS 240-78456/18-A		1/1	15-Mar-2013 8:45 AM	15-Mar-2013 8:45 AM	28-Mar-2013 12:29 PM	BS
	78456	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	15-Mar-2013 8:45 AM	28-Mar-2013 12:53 PM	N
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
12703	12565	NA	LABQC	WQ	LABQC	MB 320-12565/1-A		1/1	19-Mar-2013 1:52 PM	19-Mar-2013 1:52 PM	21-Mar-2013 12:51 PM	LB
	12565	NA	LABQC	WQ	LABQC	LCS 320-12565/2-A		1/1	19-Mar-2013 1:52 PM	19-Mar-2013 1:52 PM	21-Mar-2013 1:31 PM	BS
	12565	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		2/1	14-Mar-2013 12:00 AM	19-Mar-2013 1:52 PM	21-Mar-2013 2:11 PM	N
12714	12568	NA	LABQC	WQ	LABQC	MB 320-12568/1-A		1/1	19-Mar-2013 2:18 PM	19-Mar-2013 2:18 PM	21-Mar-2013 1:01 PM	LB
	12568	NA	LABQC	WQ	LABQC	LCS 320-12568/2-A		1/1	19-Mar-2013 2:18 PM	19-Mar-2013 2:18 PM	21-Mar-2013 1:16 PM	BS
	12568	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	19-Mar-2013 2:18 PM	21-Mar-2013 1:45 PM	MS
	12568	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	19-Mar-2013 2:18 PM	21-Mar-2013 2:00 PM	SD
12878	12568	NA	LABQC	WQ	LABQC	MB 320-12568/1-A		2/1	19-Mar-2013 2:18 PM	19-Mar-2013 2:18 PM	22-Mar-2013 3:32 PM	LB
	12568	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		3/1	14-Mar-2013 12:00 AM	19-Mar-2013 2:18 PM	22-Mar-2013 3:53 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
M8015V / SW5030B/NONE	Blank	MB 240-79100/38 (LB) / MB 240-79100/38	1 / 1.00	Petroleum Hydrocarbons C6- C12	57.2 (UG/L)	U/None	< 25	< 100	L		1	57.2
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Aluminum	4.6 (UG/L)	U/None	< 2.6	< 30	L		1	4.59
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Barium	0.18 (UG/L)	U/None	< 0.098	< 10	L		1	0.181
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Copper	0.32 (UG/L)	U/None	< 0.24	< 2	L		1	0.315
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Lead	0.24 (UG/L)	U/None	< 0.15	< 1	L		1	0.236
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Manganese	0.31 (UG/L)	U/None	< 0.16	< 5	L		1	0.314
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Potassium	40.6 (UG/L)	U/None	< 32	< 100	L		1	40.6
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Sodium	67.4 (UG/L)	U/None	< 27	< 100	L		1	67.4
SW8151 / METHOD/NONE	LCS Recovery	LCS 240-78626/4-A (BS) / LCS 240-78626/4-A	1 / 1.00	2,4,5-T (Trichlorophenoxyacetic Acid)	111 (PERCENT)	J/U	35 - 110	35 - 110	C			
SW8151 / METHOD/NONE	LCS Recovery	LCS 240-78626/4-A (BS) / LCS 240-78626/4-A	1 / 1.00	Dichloroprop	126 (PERCENT)	J/U	70 - 120	70 - 120	C			
SW8260B / SW5030B/NONE	Blank	MB 240-79725/6 (LB) / MB 240-79725/6	1 / 1.00	Methylene Chloride	0.34 (UG/L)	U/None	< 0.33	< 1	L		2	0.688
SW8260B / SW5030B	Test Hold Time	079-0008-0001-TB TRI (N) / 240-21987-2	1 / 1.00	All in Run	14.2 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
SW8270C / SW3510/NONE	Blank	MB 240-78456/17-A (LB) / MB 240-78456/17-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	0.86 (UG/L)	U/None	< 0.8	< 2	L		5	4.28
SW8270C / SW3510/NONE	LCS Recovery	LCS 240-78456/18-A (BS) / LCS 240-78456/18-A	1 / 1.00	Cresols, m & p	67.0 (PERCENT)	J/UJ	70 - 130	70 - 130	C			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Petroleum Hydrocarbons C6-C12	100	74.0	100 U	+	UG/L	L
M8015V/NONE	WG	079-0009-0001-TB TRIP BLANK	240-21987-3	N	Petroleum Hydrocarbons C6-C12	100	81.0	100 U	+	UG/L	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Arsenic	1.0	0.48	0.48 J		UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Chromium	2.0	1.3	1.3 J		UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Cobalt	0.50	0.054	0.054 J		UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Copper	2.0	1.4	2.0 U	+	UG/L	L/B2
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Thallium	1.0	0.11	0.11 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Methoxychlor	0.10	0.10	0.10 UJ		UG/L	V2
SW8081/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Toxaphene	2.0	2.0	2.0 UJ		UG/L	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Dalapon	2.0	0.55	2.0 U		UG/L	P1/Y1
SW8151/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	MCPA	400	400	400 UJ		UG/L	J
SW8151/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	MCPP	400	400	400 UJ		UG/L	J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Carbon Tetrachloride	1.0	1.0	1.0 UJ		UG/L	V2
SW8260B/NONE	WG	079-0008-0001-TB TRIP BLANK	240-21987-2	N	Carbon Tetrachloride	1.0	1.0	1.0 UJ		UG/L	V2
SW8260B/NONE	WG	079-0008-0001-TB TRIP BLANK	240-21987-2	N	Chloroform	1.0	0.31	0.31 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2,4-Dimethylphenol	2.0	2.0	2.0 UJ		UG/L	V1

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2,4-Dinitrophenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2-Chlorophenol	1.0	1.0	1.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2-Methylphenol (o-Cresol)	1.0	1.0	1.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2-Nitrophenol	2.0	2.0	2.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	3,3'-Dichlorobenzidine	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	4,6-Dinitro-2-Methylphenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	4-Nitroaniline	2.0	2.0	2.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	4-Nitrophenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	bis(2-Ethylhexyl) Phthalate	2.0	0.91	2.0 U	+	UG/L	L
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	n-Nitrosodiphenylamine	1.0	1.0	1.0 UJ		UG/L	J
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Pentachlorophenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Phenol	1.0	1.0	1.0 UJ		UG/L	V1

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Arsenic	1.0	0.48	0.48 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Barium	10.0	41.0	41.0	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Calcium	100	65000	65000	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Cobalt	0.50	0.054	0.054 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Chromium	2.0	1.3	1.3 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Iron	50.0	590	590	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Potassium	100	2500	2500	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Magnesium	100	27000	27000	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Manganese	5.0	94.0	94.0	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Sodium	100	37000	37000	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Thallium	1.0	0.11	0.11 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Zinc	5.0	5.1	5.1	UG/L	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	079-0008-0001-TB TRIP BLANK	240-21987-2	N	Chloroform	1.0	0.31	0.31 J	UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Anomalies Count

SDG Name: 240-21987-1_79_SourceWater_TB_1

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3520C/NONE	1	2
SW6020/TOTAL/NONE	1	1
SW8081/SW3520C/NONE	1	5
SW8082/SW3520C/NONE	1	7
SW8260B/SW5030B/NONE	2	2
SW8270C/SW3510/NONE	1	4
SW8330B/METHOD/NONE	1	3

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Reporting Anomalies

SDG Name: 240-21987-1_79_SourceWater_TB_1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	079-0007-0001-SOURCEWATER	N	1	C10-C20 Diesel Range Organics	490 U	230	490	0.5	UG/L
M8015D/NONE	079-0007-0001-SOURCEWATER	N	1	C20-C34 Motor Oil Range Organics	490 U	230	490	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	079-0007-0001-SOURCEWATER	N	1	Cadmium	1 U	0.13	1	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Aldrin	0.05 U	0.0082	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.05 U	0.007	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Dieldrin	0.05 U	0.0075	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Heptachlor	0.05 U	0.008	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Heptachlor Epoxide	0.05 U	0.0071	0.05	0.03	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1016 (Arochlor 1016)	0.5 U	0.17	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1221 (Arochlor 1221)	0.5 U	0.13	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1232 (Arochlor 1232)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1242 (Arochlor 1242)	0.5 U	0.22	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1248 (Arochlor 1248)	0.5 U	0.1	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1254 (Arochlor 1254)	0.5 U	0.16	0.5	0.2	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Reporting Anomalies

SDG Name: 240-21987-1_79_SourceWater_TB_1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1260 (Arochlor 1260)	0.5 U	0.17	0.5	0.2	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079-0007-0001-SOURCEWATER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	079-0008-0001-TB TRIP BLANK	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	2,4,5-Trichlorophenol	5.1 U	0.3	5.1	5	UG/L
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	2,4,6-Trichlorophenol	5.1 U	0.81	5.1	5	UG/L
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	3,3'-Dichlorobenzidine	5.1 UJ	0.37	5.1	5	UG/L
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	Pentachlorophenol	5.1 UJ	2.4	5.1	5	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	079-0007-0001-SOURCEWATER	N	1	2-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	079-0007-0001-SOURCEWATER	N	1	3-Nitrotoluene	0.51 U	0.058	0.51	0.2	UG/L
SW8330B/NONE	079-0007-0001-SOURCEWATER	N	1	4-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Worksheet

SDG Name: 240-21987-1_79_SourceWater_TB_1

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: M8015D

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)		•		LCS was extracted with preparation batch.
Were the LCS recoveries within QAPP acceptance limits?		•		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: M8015V

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-79100/38: C6-C12 was detected above the MDL but below RL.
Was a field blank (equipment or trip) collected and analyzed?	•			
Were target analytes reported in the field blank analyses above the MDL?		•		
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was analyzed with each analytical batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			CCB1: Cu, K, and Na were detected above MDL but below RL. 2. MB 180-66565/1-A: Al, Ba, Cu, Mn, Na, Pb, and K were detected above MDL but below RL.
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?	•			
Was a LCS prepared and analyzed with each batch?	•			LCS and LCSD were digested in the preparation batch : 66565.
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?			•	
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW7196A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Method: SW7470A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW7470A

Review Questions	Yes	No	NA	Comment
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLS achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•	•		
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

Method: SW8081

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8081

Review Questions	Yes	No	NA	Comment
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		•		Toxaphene %D=38.9%.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			CCV 240-7956/14: Methoxychlor %D=20.2%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All Pesticides compounds in the samples were reported as non-detects.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8082

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			15%
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			15%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All PCBs were reported as non-detect.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8082

Review Questions	Yes	No	NA	Comment
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

Method: SW8151

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?		•		LCS 240-78626/4-A: Dichlorprop and 2,4,5-T were recovered above the QC limits. No qualifications were required due to these compounds were not detected in the native sample.
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8151				
Review Questions	Yes	No	NA	Comment
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		240-21987-1: Dalapon RPD was 56%. False Positive.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			
Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8260B

Review Questions	Yes	No	NA	Comment
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?				
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?		•		CCV 240-79725/2: Carbon tetrachloride: %D= 24.4.
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-79725/6: Methylene chloride was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			
Were target analytes reported in the field blank analyses above the MDL?	•			079-0008-0001-TB (Trip Blank): Chloroform was detected above the MDL but below the RL.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was analyzed with each analytical batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?			•	
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?		•		ICV 240-79445/12: %Ds for several compounds were >20%. All non-detects compounds were qualified (UJ).
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-78456/17-A: Bis (2-ethylhexyl) phthalate was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?			•	

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was extracted with each preparation batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?			•	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Method: SW8330B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			MS and MSD were performed on Nitroguanidine only.
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		240-21987-1: Nitroguanidine was not confirmed on the column Hyrdo RP80A.
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample prepration sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

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WORKSHEET 11

**Automated Data Review Summary for 240-17796-1
Rinsate Water**

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AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor:

SDG: 240-17796-1_(76-SB,SS,SW), Certified - 1/3/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-17796-1_(76-SB,SS,SW)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	16	3	1	1
M8015V/NONE		1		0
SW6020/NONE		1		0
SW7196A/NONE	1		0	
SW7470A/NONE		1		0
SW7471A/NONE	23		0	
SW8081/NONE		1		0

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8082/NONE	8	3	0	1
SW8151/NONE		1		0
SW8260B/NONE	14	3	0	0
SW8270C/NONE	30	1	1	0
SW8330B/NONE	16	3	1	1

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17796-1_(76-SB,SS,SW). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Field Blank

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 58 results (1.74%) out of the 3332 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
E353.2	
M8015V	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

SW6020	
SW7196A	
SW7470A	
SW7471A	
SW8081	
SW8082	
SW8151	
SW8260B	
SW8270C	
SW8330B	

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7008	6966	NA	LABQC	WQ	LABQC	MB 320-6877/1-B		1/1	06-Dec-2012 6:41 AM	06-Dec-2012 6:41 AM	06-Dec-2012 1:56 PM	LB
	6966	NA	LABQC	WQ	LABQC	LCS 320-6877/2-B		1/1	06-Dec-2012 6:41 AM	06-Dec-2012 6:41 AM	06-Dec-2012 1:58 PM	BS
	6966	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:04 PM	N
	6966	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:06 PM	MS
	6966	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:08 PM	SD
	6966	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:10 PM	FD
	6966	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		1/1	08-Nov-2012 3:00 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:12 PM	N
	6966	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:14 PM	N
	6967	NA	LABQC	SQ	LABQC	MB 320-6938/1-B		1/1	06-Dec-2012 7:13 AM	06-Dec-2012 7:13 AM	06-Dec-2012 12:50 PM	LB
	6967	NA	LABQC	SQ	LABQC	LCS 320-6938/2-B		1/1	06-Dec-2012 7:13 AM	06-Dec-2012 7:13 AM	06-Dec-2012 12:52 PM	BS
	6967	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 12:54 PM	N
	6967	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 12:56 PM	MS
	6967	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 12:58 PM	SD
	6967	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:08 PM	N
	6967	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:10 PM	N
	6967	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:12 PM	N
	6967	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:14 PM	N
	6967	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:16 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7008	6967	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:18 PM	N
	6967	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:20 PM	N
	6967	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:22 PM	N
	6967	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:24 PM	N
	6967	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		1/1	15-Nov-2012 12:26 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:26 PM	N
	6967	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		1/1	15-Nov-2012 10:50 AM	06-Dec-2012 7:13 AM	06-Dec-2012 1:36 PM	N
	6967	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		1/1	15-Nov-2012 11:11 AM	06-Dec-2012 7:13 AM	06-Dec-2012 1:38 PM	N
	6967	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		1/1	15-Nov-2012 11:40 AM	06-Dec-2012 7:13 AM	06-Dec-2012 1:40 PM	FD
	6967	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		1/1	15-Nov-2012 12:05 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:42 PM	N
	6967	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		1/1	15-Nov-2012 12:30 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:44 PM	N
	6967	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		1/1	15-Nov-2012 12:10 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:46 PM	N

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66387	66387	NA	LABQC	WQ	LABQC	MB 240-66387/45		1/1	28-Nov-2012 2:00 PM	28-Nov-2012 2:00 PM	28-Nov-2012 2:00 PM	LB
	66387	NA	LABQC	WQ	LABQC	LCS 240-66387/46		1/1	28-Nov-2012 2:38 PM	28-Nov-2012 2:38 PM	28-Nov-2012 2:38 PM	BS
	66387	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 3:56 PM	28-Nov-2012 3:56 PM	N
	66387	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 4:35 PM	28-Nov-2012 4:35 PM	MS
	66387	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 5:13 PM	28-Nov-2012 5:13 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68088	66568	NA	LABQC	WQ	LABQC	MB 240-66568/1-A		1/1	28-Nov-2012 9:45 AM	28-Nov-2012 9:45 AM	10-Dec-2012 10:22 AM	LB
	66568	NA	LABQC	WQ	LABQC	LCS 240-66568/2-A		1/1	28-Nov-2012 9:45 AM	28-Nov-2012 9:45 AM	10-Dec-2012 10:27 AM	BS
	66568	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 9:45 AM	10-Dec-2012 10:35 AM	N
Test Method: SW7196A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67491	67293	NA	LABQC	SQ	LABQC	LCSI 240-67293/11-A		1/1	04-Dec-2012 3:00 PM	04-Dec-2012 3:00 PM	05-Dec-2012 12:00 AM	BS
	67293	NA	LABQC	SQ	LABQC	LCSS 240-67293/10-A		1/1	04-Dec-2012 3:00 PM	04-Dec-2012 3:00 PM	05-Dec-2012 12:00 AM	BS
	67293	NA	LABQC	SQ	LABQC	MB 240-67293/9-A		1/1	04-Dec-2012 3:00 PM	04-Dec-2012 3:00 PM	05-Dec-2012 12:00 AM	LB
	67293	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	04-Dec-2012 3:00 PM	05-Dec-2012 3:58 PM	N
Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66485	66219	NA	LABQC	WQ	LABQC	MB 240-66219/1-A		1/1	26-Nov-2012 3:25 PM	26-Nov-2012 3:25 PM	27-Nov-2012 3:50 PM	LB
	66219	NA	LABQC	WQ	LABQC	LCS 240-66219/2-A		1/1	26-Nov-2012 3:25 PM	26-Nov-2012 3:25 PM	27-Nov-2012 3:57 PM	BS
	66219	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	26-Nov-2012 3:25 PM	27-Nov-2012 4:28 PM	N
Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67078	66416	NA	LABQC	SQ	LABQC	MB 240-66416/1-A		1/1	27-Nov-2012 2:25 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:17 PM	LB
	66416	NA	LABQC	SQ	LABQC	LCS 240-66416/2-A		1/1	27-Nov-2012 2:25 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:19 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67078	66416	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:20 PM	SD
	66416	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:22 PM	N
	66416	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:23 PM	MS
	66416	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:28 PM	N
	66416	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:29 PM	N
	66416	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001-SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:30 PM	N
	66416	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:32 PM	N
	66416	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:33 PM	N
	66416	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:34 PM	N
	66416	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:36 PM	N
	66416	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001-SO	240-17796-4		1/1	15-Nov-2012 9:00 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:37 PM	N
	66416	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/1	15-Nov-2012 5:36 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:39 PM	N
	66416	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:40 PM	N
	66416	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001-SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:44 PM	N
	66416	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:45 PM	N
	66416	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001-SO	240-17796-7		1/1	15-Nov-2012 10:00 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:47 PM	N
	66416	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001-SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:48 PM	N
	66416	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:50 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67078	66416	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:51 PM	N
	66416	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/1	15-Nov-2012 5:35 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:53 PM	N
	66416	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:54 PM	N
	66416	NA	76-U4-DU1-SB	SO	076SB-0024M-0001-SO	240-17796-3		1/1	15-Nov-2012 10:20 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:55 PM	N
	66624	NA	LABQC	SQ	LABQC	MB 240-66624/1-A		1/1	28-Nov-2012 2:55 PM	28-Nov-2012 2:55 PM	30-Nov-2012 4:57 PM	LB
	66624	NA	LABQC	SQ	LABQC	LCS 240-66624/2-A		1/1	28-Nov-2012 2:55 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:01 PM	BS
	66624	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:02 PM	SD
	66624	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:04 PM	N
	66624	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:06 PM	MS
	66624	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/1	15-Nov-2012 5:40 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:07 PM	N
	66624	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/1	15-Nov-2012 4:50 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:09 PM	N
Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66500	65900	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 9:52 AM	28-Nov-2012 7:19 PM	N
	65900	NA	LABQC	WQ	LABQC	MB 240-65900/9-A		1/1	21-Nov-2012 9:52 AM	21-Nov-2012 9:52 AM	28-Nov-2012 7:47 PM	LB
	65900	NA	LABQC	WQ	LABQC	LCS 240-65900/10-A		1/1	21-Nov-2012 9:52 AM	21-Nov-2012 9:52 AM	29-Nov-2012 2:08 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66171	65899	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		1/1	08-Nov-2012 2:30 PM	21-Nov-2012 9:48 AM	24-Nov-2012 10:32 PM	FD
	65899	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		1/1	08-Nov-2012 3:00 PM	21-Nov-2012 9:48 AM	24-Nov-2012 10:47 PM	N
	65899	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 9:48 AM	24-Nov-2012 11:02 PM	N
	65899	NA	LABQC	WQ	LABQC	MB 240-65899/8-A		1/1	21-Nov-2012 9:48 AM	21-Nov-2012 9:48 AM	24-Nov-2012 11:31 PM	LB
	65899	NA	LABQC	WQ	LABQC	LCS 240-65899/9-A		1/1	21-Nov-2012 9:48 AM	21-Nov-2012 9:48 AM	24-Nov-2012 11:46 PM	BS
66802	66426	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:20 PM	N
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:20 PM	MS
	66426	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:35 PM	N
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:35 PM	MS
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:35 PM	SD
	66426	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:50 PM	N
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:50 PM	SD
	66426	NA	LABQC	WQ	LABQC	MB 240-66426/4-A		1/1	27-Nov-2012 10:47 AM	27-Nov-2012 10:47 AM	30-Nov-2012 6:05 PM	LB
	66426	NA	LABQC	WQ	LABQC	LCS 240-66426/5-A		1/1	27-Nov-2012 10:47 AM	27-Nov-2012 10:47 AM	30-Nov-2012 6:20 PM	BS
67173	66777	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	29-Nov-2012 11:28 AM	04-Dec-2012 5:27 AM	N
	66777	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	29-Nov-2012 11:28 AM	04-Dec-2012 5:42 AM	N
	66777	NA	LABQC	SQ	LABQC	MB 240-66777/20-A		1/1	29-Nov-2012 11:28 AM	29-Nov-2012 11:28 AM	04-Dec-2012 5:57 AM	LB
	66777	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	29-Nov-2012 11:28 AM	04-Dec-2012 6:27 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67173	66777	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	29-Nov-2012 11:28 AM	04-Dec-2012 6:42 AM	N
	66777	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	29-Nov-2012 11:28 AM	04-Dec-2012 6:57 AM	N
	66777	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:12 AM	N
	66777	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:27 AM	N
	66777	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:42 AM	N
	66777	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:56 AM	MS
	66777	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 11:28 AM	04-Dec-2012 8:11 AM	SD
	66777	NA	LABQC	SQ	LABQC	LCS 240-66777/21-A		1/1	29-Nov-2012 11:28 AM	29-Nov-2012 11:28 AM	04-Dec-2012 8:26 AM	BS
Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67147	65729	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	20-Nov-2012 9:45 AM	04-Dec-2012 2:35 AM	N
	65729	NA	LABQC	WQ	LABQC	MB 240-65729/4-A		1/1	20-Nov-2012 9:45 AM	20-Nov-2012 9:45 AM	04-Dec-2012 2:58 AM	LB
	65729	NA	LABQC	WQ	LABQC	LCS 240-65729/5-A		1/1	20-Nov-2012 9:45 AM	20-Nov-2012 9:45 AM	04-Dec-2012 3:22 AM	BS
Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66239	NA	NA	LABQC	SQ	LABQC	LCS 240-66239/7		1/1	26-Nov-2012 1:54 PM		26-Nov-2012 1:54 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-66239/8		1/1	26-Nov-2012 2:15 PM		26-Nov-2012 2:15 PM	LB
	66118	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	17-Nov-2012 8:00 AM	26-Nov-2012 5:29 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66239	66118	NA	76-U4-DU1-SB	SO	076SB-0024M-0001-SO	240-17796-3		1/1	15-Nov-2012 10:20 AM	17-Nov-2012 8:00 AM	26-Nov-2012 5:51 PM	N
	66118	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001-SO	240-17796-4		1/1	15-Nov-2012 9:00 AM	17-Nov-2012 8:00 AM	26-Nov-2012 6:12 PM	N
	66118	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001-SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	17-Nov-2012 8:00 AM	26-Nov-2012 6:34 PM	N
	66118	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001-SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	17-Nov-2012 8:00 AM	26-Nov-2012 6:55 PM	N
	66118	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001-SO	240-17796-7		1/1	15-Nov-2012 10:00 AM	17-Nov-2012 8:00 AM	26-Nov-2012 7:17 PM	N
	66118	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001-SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	17-Nov-2012 8:00 AM	26-Nov-2012 7:38 PM	N
	66118	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/1	15-Nov-2012 5:35 PM	17-Nov-2012 8:00 AM	26-Nov-2012 8:00 PM	N
	66118	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/1	15-Nov-2012 5:36 PM	17-Nov-2012 8:00 AM	26-Nov-2012 8:21 PM	N
	66118	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	17-Nov-2012 8:00 AM	26-Nov-2012 8:43 PM	N
	66118	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	17-Nov-2012 8:00 AM	26-Nov-2012 9:05 PM	N
	66118	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	17-Nov-2012 8:00 AM	26-Nov-2012 9:26 PM	N
	66118	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/1	15-Nov-2012 5:40 PM	17-Nov-2012 8:00 AM	26-Nov-2012 9:48 PM	N
	66118	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/1	15-Nov-2012 4:50 PM	17-Nov-2012 8:00 AM	26-Nov-2012 10:09 PM	N
65929	65929	NA	LABQC	WQ	LABQC	LCS 240-65929/4		1/1	21-Nov-2012 11:14 AM	21-Nov-2012 11:14 AM	21-Nov-2012 11:14 AM	BS
	65929	NA	LABQC	WQ	LABQC	MB 240-65929/6		1/1	21-Nov-2012 11:58 AM	21-Nov-2012 11:58 AM	21-Nov-2012 11:58 AM	LB
	65929	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 1:47 PM	21-Nov-2012 1:47 PM	N
	65929	NA	76-A3-DU1-SB4	WG	076-0068-0001-TB	240-17796-21		1/1	15-Nov-2012 8:00 AM	21-Nov-2012 2:31 PM	21-Nov-2012 2:31 PM	N
	65929	NA	76-U10-DU1-SB5	WG	076SB-0052M-0001-TB	240-17796-37		1/1	15-Nov-2012 8:00 AM	21-Nov-2012 2:54 PM	21-Nov-2012 2:54 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
65929	65929	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 4:46 PM	21-Nov-2012 4:46 PM	MS
	65929	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 5:08 PM	21-Nov-2012 5:08 PM	SD

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66717	65893	NA	LABQC	WQ	LABQC	MB 240-65893/5-A		1/1	21-Nov-2012 9:42 AM	21-Nov-2012 9:42 AM	29-Nov-2012 10:13 AM	LB
	65893	NA	LABQC	WQ	LABQC	LCS 240-65893/6-A		1/1	21-Nov-2012 9:42 AM	21-Nov-2012 9:42 AM	29-Nov-2012 10:37 AM	BS
	65893	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 9:42 AM	29-Nov-2012 11:46 AM	N
67225	66393	NA	LABQC	SQ	LABQC	MB 240-66393/23-A		1/1	27-Nov-2012 9:03 AM	27-Nov-2012 9:03 AM	04-Dec-2012 10:08 AM	LB
	66393	NA	LABQC	SQ	LABQC	LCS 240-66393/24-A		1/1	27-Nov-2012 9:03 AM	27-Nov-2012 9:03 AM	04-Dec-2012 10:32 AM	BS
	66393	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 9:03 AM	04-Dec-2012 11:43 AM	N
	66393	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 9:03 AM	04-Dec-2012 12:07 PM	MS
	66393	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 9:03 AM	04-Dec-2012 12:30 PM	SD
	66393	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/5	15-Nov-2012 3:45 PM	27-Nov-2012 9:03 AM	04-Dec-2012 12:54 PM	N
	66393	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/5	15-Nov-2012 3:56 PM	27-Nov-2012 9:03 AM	04-Dec-2012 1:18 PM	N
	66393	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/5	15-Nov-2012 1:45 PM	27-Nov-2012 9:03 AM	04-Dec-2012 1:42 PM	N
	66393	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/5	15-Nov-2012 5:35 PM	27-Nov-2012 9:03 AM	04-Dec-2012 2:05 PM	N
	66393	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	27-Nov-2012 9:03 AM	04-Dec-2012 2:29 PM	N
	66393	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001-SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	27-Nov-2012 9:03 AM	04-Dec-2012 2:53 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67225	66393	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	27-Nov-2012 9:03 AM	04-Dec-2012 3:16 PM	N
	66393	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	27-Nov-2012 9:03 AM	04-Dec-2012 3:40 PM	N
	66393	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	27-Nov-2012 9:03 AM	04-Dec-2012 4:04 PM	N
	66393	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	27-Nov-2012 9:03 AM	04-Dec-2012 4:28 PM	N
	66393	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 9:03 AM	04-Dec-2012 4:51 PM	N
	66393	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	27-Nov-2012 9:03 AM	04-Dec-2012 5:15 PM	N
	66393	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001-SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	27-Nov-2012 9:03 AM	04-Dec-2012 5:39 PM	N
	66393	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001-SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	27-Nov-2012 9:03 AM	04-Dec-2012 6:02 PM	N
67390	66393	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/2.5	15-Nov-2012 3:55 PM	27-Nov-2012 9:03 AM	05-Dec-2012 4:54 PM	N
	66393	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001-SO	240-17796-7		1/2.5	15-Nov-2012 10:00 AM	27-Nov-2012 9:03 AM	05-Dec-2012 5:17 PM	N
	66393	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/2.5	15-Nov-2012 5:36 PM	27-Nov-2012 9:03 AM	05-Dec-2012 5:41 PM	N
	66393	NA	76-U4-DU1-SB	SO	076SB-0024M-0001-SO	240-17796-3		1/2.5	15-Nov-2012 10:20 AM	27-Nov-2012 9:03 AM	05-Dec-2012 6:04 PM	N
	66393	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001-SO	240-17796-4		1/2.5	15-Nov-2012 9:00 AM	27-Nov-2012 9:03 AM	05-Dec-2012 6:27 PM	N
67544	66569	NA	LABQC	SQ	LABQC	MB 240-66569/21-A		1/1	28-Nov-2012 9:47 AM	28-Nov-2012 9:47 AM	06-Dec-2012 10:08 AM	LB
	66569	NA	LABQC	SQ	LABQC	LCS 240-66569/22-A		1/1	28-Nov-2012 9:47 AM	28-Nov-2012 9:47 AM	06-Dec-2012 10:31 AM	BS
	66569	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/10	15-Nov-2012 5:25 PM	28-Nov-2012 9:47 AM	06-Dec-2012 12:04 PM	N
	66569	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/10	15-Nov-2012 4:50 PM	28-Nov-2012 9:47 AM	06-Dec-2012 12:27 PM	N
	66569	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		1/10	15-Nov-2012 11:11 AM	28-Nov-2012 9:47 AM	06-Dec-2012 12:51 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67544	66569	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		1/10	15-Nov-2012 12:05 PM	28-Nov-2012 9:47 AM	06-Dec-2012 1:14 PM	N
	66569	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		1/10	15-Nov-2012 12:26 PM	28-Nov-2012 9:47 AM	06-Dec-2012 1:37 PM	N
	66569	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/2.5	15-Nov-2012 5:40 PM	28-Nov-2012 9:47 AM	06-Dec-2012 2:47 PM	N
	66569	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		1/2.5	15-Nov-2012 12:25 PM	28-Nov-2012 9:47 AM	06-Dec-2012 3:10 PM	N
	66569	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		1/2.5	15-Nov-2012 10:50 AM	28-Nov-2012 9:47 AM	06-Dec-2012 3:33 PM	N
	66569	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		1/2.5	15-Nov-2012 12:30 PM	28-Nov-2012 9:47 AM	06-Dec-2012 3:56 PM	N
67761	66569	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		1/1	15-Nov-2012 12:10 PM	28-Nov-2012 9:47 AM	07-Dec-2012 12:51 PM	N
67368	66734	NA	LABQC	SQ	LABQC	MB 240-66734/4-A		1/1	29-Nov-2012 9:51 AM	29-Nov-2012 9:51 AM	05-Dec-2012 10:12 AM	LB
	66734	NA	LABQC	SQ	LABQC	LCS 240-66734/5-A		1/1	29-Nov-2012 9:51 AM	29-Nov-2012 9:51 AM	05-Dec-2012 10:37 AM	BS
	66734	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		1/1	15-Nov-2012 11:40 AM	29-Nov-2012 10:26 AM	05-Dec-2012 1:05 PM	FD
68148	67600	NA	LABQC	SQ	LABQC	MB 240-67600/22-A		1/1	06-Dec-2012 10:45 AM	06-Dec-2012 10:45 AM	11-Dec-2012 12:44 PM	LB
	67600	NA	LABQC	SQ	LABQC	LCS 240-67600/23-A		1/1	06-Dec-2012 10:45 AM	06-Dec-2012 10:45 AM	11-Dec-2012 1:07 PM	BS
	67600	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		2/1	15-Nov-2012 11:40 AM	06-Dec-2012 10:45 AM	11-Dec-2012 3:27 PM	FD

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6772	6172	NA	LABQC	WQ	LABQC	MB 320-6172/1-A		1/1	20-Nov-2012 12:14 PM	20-Nov-2012 12:14 PM	04-Dec-2012 1:40 PM	LB
	6172	NA	LABQC	WQ	LABQC	LCS 320-6172/2-A		1/1	20-Nov-2012 12:14 PM	20-Nov-2012 12:14 PM	04-Dec-2012 2:20 PM	BS
	6172	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:00 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6772	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:00 PM	MS
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:41 PM	MS
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:41 PM	SD
	6172	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 4:21 PM	N
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 4:21 PM	MS
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 4:21 PM	SD
	6172	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 5:01 PM	FD
	6172	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		1/1	08-Nov-2012 3:00 PM	20-Nov-2012 12:14 PM	04-Dec-2012 5:41 PM	N
	6172	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	20-Nov-2012 12:14 PM	04-Dec-2012 6:22 PM	N
7240	6559	NA	LABQC	SQ	LABQC	MB 320-6559/1-A		1/1	29-Nov-2012 8:10 AM	29-Nov-2012 8:10 AM	11-Dec-2012 4:47 PM	LB
	6559	NA	LABQC	SQ	LABQC	LCS 320-6559/2-A		1/1	29-Nov-2012 8:10 AM	29-Nov-2012 8:10 AM	11-Dec-2012 5:27 PM	BS
	6559	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	11-Dec-2012 6:07 PM	N
	6559	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	11-Dec-2012 6:48 PM	MS
	6559	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	11-Dec-2012 7:28 PM	SD
	6559	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		2/1	15-Nov-2012 3:55 PM	29-Nov-2012 8:10 AM	11-Dec-2012 8:08 PM	N
	6559	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		2/1	15-Nov-2012 3:45 PM	29-Nov-2012 8:10 AM	11-Dec-2012 8:48 PM	N
	6559	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		2/1	15-Nov-2012 3:56 PM	29-Nov-2012 8:10 AM	11-Dec-2012 9:28 PM	N
	6559	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		2/1	15-Nov-2012 1:45 PM	29-Nov-2012 8:10 AM	11-Dec-2012 10:09 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7240	6559	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		2/1	15-Nov-2012 2:10 PM	29-Nov-2012 8:10 AM	11-Dec-2012 10:49 PM	N
	6559	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		2/1	15-Nov-2012 2:40 PM	29-Nov-2012 8:10 AM	12-Dec-2012 12:09 AM	N
	6559	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		2/1	15-Nov-2012 3:30 PM	29-Nov-2012 8:10 AM	12-Dec-2012 12:49 AM	N
	6559	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		2/1	15-Nov-2012 4:00 PM	29-Nov-2012 8:10 AM	12-Dec-2012 1:29 AM	N
	6559	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	12-Dec-2012 2:10 AM	N
	6559	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		2/1	15-Nov-2012 12:26 PM	29-Nov-2012 8:10 AM	12-Dec-2012 2:50 AM	N
	6559	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		2/1	15-Nov-2012 10:50 AM	29-Nov-2012 8:10 AM	12-Dec-2012 3:30 AM	N
	6559	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		3/1	15-Nov-2012 11:11 AM	29-Nov-2012 8:10 AM	12-Dec-2012 4:11 AM	N
	6559	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		2/1	15-Nov-2012 11:40 AM	29-Nov-2012 8:10 AM	12-Dec-2012 4:51 AM	FD
	6559	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		2/1	15-Nov-2012 12:05 PM	29-Nov-2012 8:10 AM	12-Dec-2012 5:31 AM	N
	6559	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		2/1	15-Nov-2012 12:30 PM	29-Nov-2012 8:10 AM	12-Dec-2012 6:12 AM	N
	6559	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		2/1	15-Nov-2012 12:10 PM	29-Nov-2012 8:10 AM	12-Dec-2012 7:32 AM	N
6888	6579	NA	LABQC	SQ	LABQC	MB 320-6579/1-A		1/1	29-Nov-2012 10:14 AM	29-Nov-2012 10:14 AM	05-Dec-2012 8:16 PM	LB
	6579	NA	LABQC	SQ	LABQC	LCS 320-6579/2-A		1/1	29-Nov-2012 10:14 AM	29-Nov-2012 10:14 AM	05-Dec-2012 8:30 PM	BS
	6579	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 8:44 PM	N
	6579	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 8:58 PM	MS
	6579	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:13 PM	SD
	6579	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:27 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6888	6579	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:41 PM	N
	6579	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:56 PM	N
	6579	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	29-Nov-2012 10:14 AM	05-Dec-2012 10:10 PM	N
	6579	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	29-Nov-2012 10:14 AM	05-Dec-2012 10:24 PM	N
	6579	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	29-Nov-2012 10:14 AM	05-Dec-2012 10:53 PM	N
	6579	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:07 PM	N
	6579	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:22 PM	N
	6579	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:36 PM	N
	6579	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		1/1	15-Nov-2012 12:26 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:50 PM	N
	6579	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		1/1	15-Nov-2012 10:50 AM	29-Nov-2012 10:14 AM	06-Dec-2012 12:04 AM	N
	6579	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		1/1	15-Nov-2012 11:11 AM	29-Nov-2012 10:14 AM	06-Dec-2012 12:19 AM	N
	6579	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		1/1	15-Nov-2012 11:40 AM	29-Nov-2012 10:14 AM	06-Dec-2012 12:33 AM	FD
	6579	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		1/1	15-Nov-2012 12:05 PM	29-Nov-2012 10:14 AM	06-Dec-2012 12:47 AM	N
	6579	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		1/1	15-Nov-2012 12:30 PM	29-Nov-2012 10:14 AM	06-Dec-2012 1:02 AM	N
	6579	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		1/1	15-Nov-2012 12:10 PM	29-Nov-2012 10:14 AM	06-Dec-2012 1:30 AM	N
7142	6579	NA	LABQC	SQ	LABQC	MB 320-6579/1-A		2/1	29-Nov-2012 10:14 AM	29-Nov-2012 10:14 AM	10-Dec-2012 1:25 PM	LB
6888	6878	NA	LABQC	WQ	LABQC	MB 320-6878/1-A		1/1	05-Dec-2012 7:38 AM	05-Dec-2012 7:38 AM	06-Dec-2012 1:45 AM	LB
	6878	NA	LABQC	WQ	LABQC	LCS 320-6878/2-A		1/1	05-Dec-2012 7:38 AM	05-Dec-2012 7:38 AM	06-Dec-2012 1:59 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Batch Report

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6888	6878	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:13 AM	N
	6878	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:28 AM	SD
	6878	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:42 AM	MS
	6878	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:56 AM	FD
	6878	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		2/1	08-Nov-2012 3:00 PM	05-Dec-2012 7:38 AM	06-Dec-2012 3:10 AM	N
	6878	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		2/1	15-Nov-2012 1:00 PM	05-Dec-2012 7:38 AM	06-Dec-2012 3:25 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Field Batch Report

--No Records Found--

QC Outliers Report

--No Records Found--

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	076-0067-0001-ER	240-17796-20	N	Petroleum Hydrocarbons C6-C12	100	33.0	33.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Antimony	2.0	0.34	0.34 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chromium	2.0	0.60	0.60 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Manganese	5.0	3.5	3.5 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Thallium	2.0	0.75	0.75 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Zinc	40.0	10.0	10.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Mercury	0.098	0.038	0.038 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Mercury	0.098	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Mercury	0.091	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Mercury	0.094	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Mercury	0.097	0.042	0.042 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Mercury	0.10	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Mercury	0.094	0.036	0.036 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Mercury	0.098	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Mercury	0.094	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Mercury	0.095	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Mercury	0.094	0.021	0.021 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Mercury	0.092	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Mercury	0.097	0.014	0.014 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Mercury	0.097	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Mercury	0.097	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Mercury	0.10	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Mercury	0.097	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Mercury	0.10	0.024	0.024 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Mercury	0.12	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Mercury	0.098	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Mercury	0.097	0.043	0.043 J		MG/KG	TR
SW7471A/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Mercury	0.095	0.045	0.045 J		MG/KG	TR
SW7471A/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Mercury	0.092	0.033	0.033 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	PCB-1260 (Arochlor 1260)	56.0	24.0	24.0 J		UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	WG	076-0067-0001-ER	240-17796-20	N	MCPA	400	400	400 UJ		UG/L	J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Acetone	10.0	10.0	10.0 UJ		UG/L	J
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chloroform	1.0	0.61	0.61 J		UG/L	TR
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Methylene Chloride	1.0	0.36	1.0 U		UG/L	L
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Styrene	1.0	1.0	1.0 UJ		UG/L	J
SW8260B/NONE	WG	076-0068-0001-TB	240-17796-21	N	Acetone	10.0	10.0	10.0 UJ		UG/L	J
SW8260B/NONE	WG	076-0068-0001-TB	240-17796-21	N	Methylene Chloride	1.0	0.84	1.0 U		UG/L	L
SW8260B/NONE	WG	076-0068-0001-TB	240-17796-21	N	Styrene	1.0	1.0	1.0 UJ		UG/L	J
SW8260B/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2-Butanone (MEK)	18.0	1.5	1.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	2-Butanone (MEK)	24.0	2.3	2.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Acetone	24.0	13.0	24.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	2-Butanone (MEK)	17.0	1.4	1.4 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Acetone	17.0	7.5	17.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Carbon Disulfide	4.2	2.4	2.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Acetone	17.0	5.9	17.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Methylene Chloride	5.1	0.69	0.69 J		UG/KG	TR/J
SW8260B/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Carbon Disulfide	4.9	2.9	2.9 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2-Butanone (MEK)	24.0	9.6	9.6 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Acetone	24.0	51.0	24.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbon Disulfide	6.0	3.5	3.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Methylene Chloride	6.0	1.3	1.3 J		UG/KG	TR/J
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Toluene	6.0	0.33	0.33 J		UG/KG	TR
SW8260B/NONE	WG	076SB-0052M-0001-TB	240-17796-37	N	Acetone	10.0	10.0	10.0 UJ		UG/L	J
SW8260B/NONE	WG	076SB-0052M-0001-TB	240-17796-37	N	Methylene Chloride	1.0	0.77	1.0 U		UG/L	L
SW8260B/NONE	WG	076SB-0052M-0001-TB	240-17796-37	N	Styrene	1.0	1.0	1.0 UJ		UG/L	J
SW8260B/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Acetone	21.0	8.7	21.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Carbon Disulfide	5.2	3.1	3.1 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	2-Butanone (MEK)	9.7	4.3	4.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Acetone	9.7	57.0	9.7 U		UG/KG	L
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Carbon Disulfide	2.4	1.4	1.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Butanone (MEK)	18.0	1.3	1.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Acetone	18.0	9.9	18.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2-Butanone (MEK)	23.0	13.0	13.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Acetone	23.0	59.0	23.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Carbon Disulfide	5.9	3.5	3.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Ethylbenzene	5.9	2.4	2.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Toluene	5.9	1.0	1.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	2-Butanone (MEK)	17.0	2.4	2.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Acetone	17.0	28.0	17.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Carbon Disulfide	4.2	2.6	2.6 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	2-Butanone (MEK)	21.0	1.7	1.7 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Acetone	21.0	15.0	21.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Carbon Disulfide	5.3	3.2	3.2 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	2-Butanone (MEK)	18.0	7.3	7.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Acetone	18.0	66.0	18.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Methylene Chloride	4.6	0.91	0.91 J		UG/KG	TR/J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	WG	076-0067-0001-ER	240-17796-20	N	3,3'-Dichlorobenzidine	4.9	4.9	4.9 UJ		UG/L	V1
SW8270C/NONE	WG	076-0067-0001-ER	240-17796-20	N	n-Nitrosodiphenylamine	0.97	0.97	0.97 UJ		UG/L	J
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Anthracene	6.7	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(k)fluoranthene	6.7	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	bis(2-Ethylhexyl) Phthalate	50.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Dibenzofuran	50.0	7.1	7.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Fluorene	6.7	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Isophorone	50.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	bis(2-Ethylhexyl) Phthalate	120	58.0	58.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	bis(2-Ethylhexyl) Phthalate	130	48.0	48.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Acenaphthene	6.8	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	bis(2-Ethylhexyl) Phthalate	51.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Dibenzofuran	51.0	7.2	7.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	2-Methylnaphthalene	6.7	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	bis(2-Ethylhexyl) Phthalate	50.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Fluoranthene	6.7	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Naphthalene	6.7	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Pyrene	6.7	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	bis(2-Ethylhexyl) Phthalate	50.0	38.0	38.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbazole	50.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Dibenzofuran	50.0	36.0	36.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	bis(2-Ethylhexyl) Phthalate	50.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	Phenanthrene	6.6	3.5	3.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0050M-0001-SO	240-17796-35	N	bis(2-Ethylhexyl) Phthalate	120	47.0	47.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Benzo(b)fluoranthene	8.4	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	bis(2-Ethylhexyl) Phthalate	63.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	n-Nitrosodiphenylamine	63.0	63.0	63.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Pyrene	8.4	6.7	6.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	bis(2-Ethylhexyl) Phthalate	130	55.0	55.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	2-Methylnaphthalene	6.8	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	bis(2-Ethylhexyl) Phthalate	51.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Naphthalene	6.8	3.8	3.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	2-Methylnaphthalene	6.7	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	bis(2-Ethylhexyl) Phthalate	51.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Naphthalene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Pyrene	6.7	5.6	5.6 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(b)fluoranthene	6.7	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(g,h,i)perylene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	bis(2-Ethylhexyl) Phthalate	50.0	35.0	35.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Pyrene	6.7	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	2,4-Dinitrophenol	340	340	340 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Benzo(b)fluoranthene	6.8	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	bis(2-Ethylhexyl) Phthalate	51.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Fluoranthene	6.8	4.0	4.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Naphthalene	6.8	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Phenanthrene	6.8	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Pyrene	6.8	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Acenaphthylene	34.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Anthracene	34.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Naphthalene	34.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	bis(2-Ethylhexyl) Phthalate	130	54.0	54.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Methylnaphthalene	6.6	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Benzo(b)fluoranthene	6.6	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	bis(2-Ethylhexyl) Phthalate	49.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Fluoranthene	6.6	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Naphthalene	6.6	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	n-Nitrosodiphenylamine	49.0	49.0	49.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Phenanthrene	6.6	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Pyrene	6.6	4.7	4.7 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	4,6-Dinitro-2-Methylphenol	150	150	150 UJ		UG/KG	M
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Benzo(b)fluoranthene	6.6	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	bis(2-Ethylhexyl) Phthalate	50.0	25.0	25.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Pyrene	6.6	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(k)fluoranthene	17.0	9.4	9.4 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	bis(2-Ethylhexyl) Phthalate	130	50.0	50.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(k)fluoranthene	67.0	45.0	45.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	2-Methylnaphthalene	34.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(g,h,i)perylene	34.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(k)fluoranthene	34.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Naphthalene	34.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Anthracene	6.6	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	bis(2-Ethylhexyl) Phthalate	50.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Dibenzofuran	50.0	8.7	8.7 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SO	076SB-0047M-0001-SO	240-17796-32	N	NITROGUANIDINE	0.24	0.036	0.036 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	WG	076-0067-0001-ER	240-17796-20	N	Petroleum Hydrocarbons C6-C12	100	33.0	33.0 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chromium	2.0	0.60	0.60 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Manganese	5.0	3.5	3.5 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Nickel	5.0	20.0	20.0	UG/L	
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Antimony	2.0	0.34	0.34 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Thallium	2.0	0.75	0.75 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Zinc	40.0	10.0	10.0 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Mercury	0.098	0.038	0.038 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Mercury	0.098	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Mercury	0.091	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Mercury	0.094	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Mercury	0.097	0.042	0.042 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Mercury	0.10	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Mercury	0.094	0.036	0.036 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Mercury	0.098	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Mercury	0.094	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Mercury	0.095	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Mercury	0.094	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Mercury	0.092	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Mercury	0.097	0.014	0.014 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Mercury	0.097	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Mercury	0.097	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Mercury	0.10	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Mercury	0.097	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Mercury	0.10	0.024	0.024 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Mercury	0.12	0.028	0.028 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Mercury	0.098	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Mercury	0.097	0.043	0.043 J	MG/KG	TR
SW7471A/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Mercury	0.095	0.045	0.045 J	MG/KG	TR
SW7471A/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Mercury	0.092	0.033	0.033 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8082/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	PCB-1260 (Arochlor 1260)	56.0	24.0	24.0 J	UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chloroform	1.0	0.61	0.61 J	UG/L	TR
SW8260B/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2-Butanone (MEK)	18.0	1.5	1.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	2-Butanone (MEK)	24.0	2.3	2.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Carbon Disulfide	4.2	2.4	2.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	2-Butanone (MEK)	17.0	1.4	1.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Methylene Chloride	5.1	0.69	0.69 J	UG/KG	TR/J
SW8260B/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Carbon Disulfide	4.9	2.9	2.9 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Toluene	6.0	0.33	0.33 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbon Disulfide	6.0	3.5	3.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2-Butanone (MEK)	24.0	9.6	9.6 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Methylene Chloride	6.0	1.3	1.3 J	UG/KG	TR/J
SW8260B/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Carbon Disulfide	5.2	3.1	3.1 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Carbon Disulfide	2.4	1.4	1.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	2-Butanone (MEK)	9.7	4.3	4.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Butanone (MEK)	18.0	1.3	1.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Toluene	5.9	1.0	1.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Carbon Disulfide	5.9	3.5	3.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Ethylbenzene	5.9	2.4	2.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2-Butanone (MEK)	23.0	13.0	13.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Xylenes, Total	12.0	14.0	14.0	UG/KG	
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Carbon Disulfide	4.2	2.6	2.6 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	2-Butanone (MEK)	17.0	2.4	2.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Carbon Disulfide	5.3	3.2	3.2 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	2-Butanone (MEK)	21.0	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	2-Butanone (MEK)	18.0	7.3	7.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Methylene Chloride	4.6	0.91	0.91 J	UG/KG	TR/J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Anthracene	6.7	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	bis(2-Ethylhexyl) Phthalate	50.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(a)anthracene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(a)pyrene	6.7	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(b)fluoranthene	6.7	18.0	18.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(g,h,i)perylene	6.7	8.9	8.9	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(k)fluoranthene	6.7	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Chrysene	6.7	15.0	15.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Dibenzofuran	50.0	7.1	7.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Fluorene	6.7	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Fluoranthene	6.7	38.0	38.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Indeno(1,2,3-c,d)pyrene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Isophorone	50.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2-Methylnaphthalene	6.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Naphthalene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Phenanthrene	6.7	33.0	33.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Pyrene	6.7	27.0	27.0	UG/KG	
SW8270C/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	bis(2-Ethylhexyl) Phthalate	120	58.0	58.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	bis(2-Ethylhexyl) Phthalate	130	48.0	48.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Acenaphthene	6.8	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Anthracene	6.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	bis(2-Ethylhexyl) Phthalate	51.0	30.0	30.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(a)anthracene	6.8	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(a)pyrene	6.8	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(b)fluoranthene	6.8	33.0	33.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(g,h,i)perylene	6.8	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(k)fluoranthene	6.8	15.0	15.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Chrysene	6.8	33.0	33.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Dibenzofuran	51.0	7.2	7.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Fluorene	6.8	9.8	9.8	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Fluoranthene	6.8	91.0	91.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Indeno(1,2,3-c,d)pyrene	6.8	19.0	19.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	2-Methylnaphthalene	6.8	8.0	8.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Naphthalene	6.8	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Phenanthrene	6.8	78.0	78.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Pyrene	6.8	65.0	65.0	UG/KG	
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	bis(2-Ethylhexyl) Phthalate	50.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Benzo(a)pyrene	6.7	9.7	9.7	UG/KG	
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Fluoranthene	6.7	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	2-Methylnaphthalene	6.7	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Naphthalene	6.7	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Phenanthrene	6.7	8.1	8.1	UG/KG	
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Pyrene	6.7	4.1	4.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Acenaphthene	6.7	22.0	22.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Anthracene	6.7	72.0	72.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	bis(2-Ethylhexyl) Phthalate	50.0	38.0	38.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(a)anthracene	6.7	110	110	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(a)pyrene	6.7	88.0	88.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(b)fluoranthene	6.7	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(g,h,i)perylene	6.7	48.0	48.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(k)fluoranthene	6.7	37.0	37.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbazole	50.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Chrysene	6.7	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Dibenz(a,h)anthracene	6.7	24.0	24.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Dibenzofuran	50.0	36.0	36.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Fluorene	6.7	46.0	46.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Fluoranthene	6.7	290	290	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Indeno(1,2,3-c,d)pyrene	6.7	44.0	44.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2-Methylnaphthalene	6.7	24.0	24.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Naphthalene	6.7	38.0	38.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Phenanthrene	6.7	330	330	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Pyrene	6.7	200	200	UG/KG	
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	bis(2-Ethylhexyl) Phthalate	50.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	Phenanthrene	6.6	3.5	3.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0050M-0001-SO	240-17796-35	N	bis(2-Ethylhexyl) Phthalate	120	47.0	47.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	bis(2-Ethylhexyl) Phthalate	63.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Benzo(b)fluoranthene	8.4	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Benzo(g,h,i)perylene	8.4	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	2-Methylnaphthalene	8.4	8.6	8.6	UG/KG	
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Pyrene	8.4	6.7	6.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	bis(2-Ethylhexyl) Phthalate	130	55.0	55.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	bis(2-Ethylhexyl) Phthalate	51.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	2-Methylnaphthalene	6.8	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Naphthalene	6.8	3.8	3.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	bis(2-Ethylhexyl) Phthalate	51.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	2-Methylnaphthalene	6.7	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Naphthalene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Pyrene	6.7	5.6	5.6 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	bis(2-Ethylhexyl) Phthalate	50.0	35.0	35.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(b)fluoranthene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(g,h,i)perylene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	2-Methylnaphthalene	6.7	9.0	9.0	UG/KG	
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Naphthalene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Pyrene	6.7	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	bis(2-Ethylhexyl) Phthalate	51.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Benzo(b)fluoranthene	6.8	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Fluoranthene	6.8	4.0	4.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	2-Methylnaphthalene	6.8	9.3	9.3	UG/KG	
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Naphthalene	6.8	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Phenanthrene	6.8	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Pyrene	6.8	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Acenaphthylene	34.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Anthracene	34.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(a)anthracene	34.0	92.0	92.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(a)pyrene	34.0	120	120	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(b)fluoranthene	34.0	87.0	87.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(g,h,i)perylene	34.0	58.0	58.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(k)fluoranthene	34.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Chrysene	34.0	110	110	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Fluoranthene	34.0	190	190	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Indeno(1,2,3-c,d)pyrene	34.0	66.0	66.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Naphthalene	34.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Phenanthrene	34.0	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Pyrene	34.0	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	bis(2-Ethylhexyl) Phthalate	130	54.0	54.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	bis(2-Ethylhexyl) Phthalate	49.0	26.0	26.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Benzo(a)pyrene	6.6	9.8	9.8	UG/KG	
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Benzo(b)fluoranthene	6.6	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Fluoranthene	6.6	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Methylnaphthalene	6.6	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Naphthalene	6.6	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Phenanthrene	6.6	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Pyrene	6.6	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	bis(2-Ethylhexyl) Phthalate	50.0	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Benzo(b)fluoranthene	6.6	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Fluoranthene	6.6	7.6	7.6	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2-Methylnaphthalene	6.6	25.0	25.0	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Naphthalene	6.6	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Phenanthrene	6.6	7.4	7.4	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Pyrene	6.6	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	bis(2-Ethylhexyl) Phthalate	130	50.0	50.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(a)anthracene	17.0	32.0	32.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(a)pyrene	17.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(b)fluoranthene	17.0	43.0	43.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(g,h,i)perylene	17.0	21.0	21.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(k)fluoranthene	17.0	9.4	9.4 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Chrysene	17.0	29.0	29.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Fluoranthene	17.0	59.0	59.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Indeno(1,2,3-c,d)pyrene	17.0	26.0	26.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Phenanthrene	17.0	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Pyrene	17.0	43.0	43.0	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(a)anthracene	67.0	130	130	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(a)pyrene	67.0	170	170	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(b)fluoranthene	67.0	190	190	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(g,h,i)perylene	67.0	68.0	68.0	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(k)fluoranthene	67.0	45.0	45.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Chrysene	67.0	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Fluoranthene	67.0	260	260	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Indeno(1,2,3-c,d)pyrene	67.0	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Phenanthrene	67.0	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Pyrene	67.0	190	190	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(a)anthracene	34.0	37.0	37.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(a)pyrene	34.0	74.0	74.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(b)fluoranthene	34.0	59.0	59.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(g,h,i)perylene	34.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(k)fluoranthene	34.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Chrysene	34.0	49.0	49.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Fluoranthene	34.0	63.0	63.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Indeno(1,2,3-c,d)pyrene	34.0	50.0	50.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	2-Methylnaphthalene	34.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Naphthalene	34.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Phenanthrene	34.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Pyrene	34.0	48.0	48.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Anthracene	6.6	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	bis(2-Ethylhexyl) Phthalate	50.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Benzo(a)anthracene	6.6	7.0	7.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Benzo(a)pyrene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Benzo(b)fluoranthene	6.6	7.1	7.1	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Chrysene	6.6	7.1	7.1	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Dibenzofuran	50.0	8.7	8.7 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Fluorene	6.6	8.9	8.9	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Fluoranthene	6.6	24.0	24.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	2-Methylnaphthalene	6.6	9.2	9.2	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Naphthalene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Phenanthrene	6.6	39.0	39.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Pyrene	6.6	14.0	14.0	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	076SB-0047M-0001-SO	240-17796-32	N	NITROGUANIDINE	0.24	0.036	0.036 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Anomalies Count

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	17	17
SW6020/TOTAL/NONE	1	9
SW7471A/TOTAL/NONE	1	1
SW8081/SW3520C/NONE	1	5
SW8082/SW3540C/NONE	12	84
SW8260B/SW5035/NONE	13	221
SW8270C/SW3550/NONE	31	561
SW8330B/METHOD/NONE	4	15

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	076SB-0044M-0001-SO	N	1	Nitrocellulose	51 U	7.9	51	5	MG/KG
E353.2/NONE	076SB-0045M-0001-SO	N	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	076SB-0046M-0001-SO	N	1	Nitrocellulose	47 U	7.4	47	5	MG/KG
E353.2/NONE	076SB-0047M-0001-SO	N	1	Nitrocellulose	50 U	7.8	50	5	MG/KG
E353.2/NONE	076SB-0048M-0001-SO	FD	1	Nitrocellulose	51 U	8	51	5	MG/KG
E353.2/NONE	076SB-0049M-0001-SO	N	1	Nitrocellulose	51 U	7.9	51	5	MG/KG
E353.2/NONE	076SB-0050M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0051M-0001-SO	N	1	Nitrocellulose	61 U	9.6	61	5	MG/KG
E353.2/NONE	076SB-0053M-0001-SO	N	1	Nitrocellulose	48 U	7.5	48	5	MG/KG
E353.2/NONE	076SB-0054M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0055M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0056M-0001-SO	N	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	076SB-0057M-0001-SO	N	1	Nitrocellulose	51 U	7.9	51	5	MG/KG
E353.2/NONE	076SB-0058M-0001-SO	N	1	Nitrocellulose	47 U	7.3	47	5	MG/KG
E353.2/NONE	076SB-0059M-0001-SO	N	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
E353.2/NONE	076SS-0007M-0001-SO	N	1	Nitrocellulose	44 U	6.9	44	5	MG/KG
E353.2/NONE	076SS-0022M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	076-0067-0001-ER	N	1	Aluminum	60 U	20	60	50	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Cadmium	2 U	0.4	2	0.5	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Calcium	2000 U	540	2000	100	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Iron	150 U	44	150	100	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Magnesium	1000 U	120	1000	100	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Potassium	1000 U	16	1000	200	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Sodium	1000 U	160	1000	200	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Thallium	0.75 J	0.32	2	1	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Zinc	10 J	8.8	40	10	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	076SB-0064M-0001-SO	N	1	Mercury	0.0283 J	0.016	0.12	0.1	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	076-0067-0001-ER	N	1	Aldrin	0.048 U	0.0079	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	Dieldrin	0.048 U	0.0072	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	Heptachlor	0.048 U	0.0077	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	Heptachlor Epoxide	0.048 U	0.0068	0.048	0.03	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.13	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.096	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	24 J	17	56	33	UG/KG
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1016 (Arochlor 1016)	0.5 U	0.17	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1221 (Arochlor 1221)	0.5 U	0.13	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1232 (Arochlor 1232)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1242 (Arochlor 1242)	0.5 U	0.22	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1248 (Arochlor 1248)	0.5 U	0.1	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1254 (Arochlor 1254)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1260 (Arochlor 1260)	0.5 U	0.17	0.5	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076-0067-0001-ER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076-0068-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0023M-0001-SO	N	1	1,2-Dichloroethene	8.8 U	0.67	8.8	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1,1-Trichloroethane	5.9 U	0.66	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1,2-Trichloroethane	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1-Dichloroethane	5.9 U	0.43	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1-Dichloroethene	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.9 U	0.59	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dichloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dichloroethene	12 U	0.91	12	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dichloropropane	5.9 U	0.82	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	2-Butanone (MEK)	2.3 J	1.7	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	2-Hexanone	24 U	0.74	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	24 U	0.64	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Acetone	24 U	7.4	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Benzene	5.9 U	0.27	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromochloromethane	5.9 U	0.84	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromodichloromethane	5.9 U	0.33	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromoform	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromomethane	5.9 U	0.64	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Carbon Disulfide	5.9 U	0.52	5.9	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Carbon Tetrachloride	5.9 U	0.44	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chlorobenzene	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chloroethane	5.9 U	1	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chloroform	5.9 U	0.34	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chloromethane	5.9 U	0.48	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	cis-1,3-Dichloropropene	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Dibromochloromethane	5.9 U	0.65	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Ethylbenzene	5.9 U	0.31	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Methylene Chloride	5.9 U	0.79	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Styrene	5.9 U	0.18	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.9 U	0.51	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Tetrachloroethene (PCE)	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Toluene	5.9 U	0.32	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	trans-1,3-Dichloropropene	5.9 U	0.64	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Trichloroethene (TCE)	5.9 U	0.5	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Vinyl Chloride	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Xylenes, Total	12 U	0.79	12	10	UG/KG
SW8260B/NONE	076SB-0025M-0001-SO	N	1	1,2-Dichloroethene	8.3 U	0.64	8.3	5	UG/KG
SW8260B/NONE	076SB-0026M-0001-SO	N	1	1,2-Dichloroethene	8.7 U	0.67	8.7	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1,1-Trichloroethane	5.1 U	0.58	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1,2-Trichloroethane	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1-Dichloroethane	5.1 U	0.37	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1-Dichloroethene	5.1 U	0.54	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.1 U	0.51	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dichloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.79	10	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dichloropropane	5.1 U	0.71	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	2-Butanone (MEK)	21 U	1.4	21	20	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0027M-0001-SO	N	1	2-Hexanone	21 U	0.65	21	20	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Acetone	21 U	6.5	21	20	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Benzene	5.1 U	0.24	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromochloromethane	5.1 U	0.73	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromodichloromethane	5.1 U	0.29	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromoform	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromomethane	5.1 U	0.56	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Carbon Disulfide	5.1 U	0.45	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Carbon Tetrachloride	5.1 U	0.38	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chlorobenzene	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chloroethane	5.1 U	0.89	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chloroform	5.1 U	0.3	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chloromethane	5.1 U	0.42	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	cis-1,3-Dichloropropene	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Dibromochloromethane	5.1 U	0.57	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Ethylbenzene	5.1 U	0.27	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Methylene Chloride	0.69 J	0.69	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Styrene	5.1 U	0.15	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.1 U	0.44	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Tetrachloroethene (PCE)	5.1 U	0.54	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Toluene	5.1 U	0.28	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	trans-1,3-Dichloropropene	5.1 U	0.56	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Trichloroethene (TCE)	5.1 U	0.43	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Vinyl Chloride	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0028M-0001-SO	N	1	1,2-Dichloroethene	9.7 U	0.75	9.7	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1,1-Trichloroethane	6 U	0.67	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1,2-Trichloroethane	6 U	0.47	6	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1-Dichloroethane	6 U	0.43	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1-Dichloroethene	6 U	0.62	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dibromoethane (EDB)	6 U	0.6	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dichloroethane	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dichloroethene	12 U	0.92	12	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dichloropropane	6 U	0.82	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	2-Butanone (MEK)	9.6 J	1.7	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	2-Hexanone	24 U	0.75	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	24 U	0.64	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Acetone	24 U	7.5	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Benzene	6 U	0.27	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromochloromethane	6 U	0.85	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromodichloromethane	6 U	0.33	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromoform	6 U	0.39	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromomethane	6 U	0.64	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Carbon Disulfide	3.5 J	0.53	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Carbon Tetrachloride	6 U	0.44	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chlorobenzene	6 U	0.39	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chloroethane	6 U	1	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chloroform	6 U	0.35	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chloromethane	6 U	0.49	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	cis-1,3-Dichloropropene	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Dibromochloromethane	6 U	0.66	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Ethylbenzene	6 U	0.31	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Methylene Chloride	1.3 J	0.8	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Styrene	6 U	0.18	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6 U	0.51	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Tetrachloroethene (PCE)	6 U	0.62	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Toluene	0.33 J	0.32	6	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0029M-0001-SO	N	1	trans-1,3-Dichloropropene	6 U	0.64	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Trichloroethene (TCE)	6 U	0.5	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Vinyl Chloride	6 U	0.47	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Xylenes, Total	12 U	0.8	12	10	UG/KG
SW8260B/NONE	076SB-0052M-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1,1-Trichloroethane	5.2 U	0.58	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1,2-Trichloroethane	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1-Dichloroethane	5.2 U	0.37	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1-Dichloroethene	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.2 U	0.52	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dichloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.8	10	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dichloropropane	5.2 U	0.72	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	2-Butanone (MEK)	21 U	1.5	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	2-Hexanone	21 U	0.65	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Acetone	21 U	6.5	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Benzene	5.2 U	0.24	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromochloromethane	5.2 U	0.74	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromodichloromethane	5.2 U	0.29	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromoform	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromomethane	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Carbon Disulfide	3.1 J	0.46	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Carbon Tetrachloride	5.2 U	0.38	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chlorobenzene	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chloroethane	5.2 U	0.89	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chloroform	5.2 U	0.3	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chloromethane	5.2 U	0.43	5.2	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0060M-0001-SO	N	1	cis-1,3-Dichloropropene	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Dibromochloromethane	5.2 U	0.57	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Methylene Chloride	5.2 U	0.7	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Styrene	5.2 U	0.16	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.2 U	0.45	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Tetrachloroethene (PCE)	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Toluene	5.2 U	0.28	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	trans-1,3-Dichloropropene	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Trichloroethene (TCE)	5.2 U	0.44	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Vinyl Chloride	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	076SB-0062M-0001-SO	N	1	1,2-Dichloroethene	8.8 U	0.68	8.8	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1,1-Trichloroethane	5.9 U	0.66	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1,2-Trichloroethane	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1-Dichloroethane	5.9 U	0.42	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1-Dichloroethene	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.9 U	0.59	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dichloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dichloroethene	12 U	0.9	12	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dichloropropane	5.9 U	0.81	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	2-Butanone (MEK)	13 J	1.6	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	2-Hexanone	23 U	0.74	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 U	0.63	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Acetone	23 U	7.4	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Benzene	5.9 U	0.27	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromochloromethane	5.9 U	0.83	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromodichloromethane	5.9 U	0.33	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromoform	5.9 U	0.39	5.9	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromomethane	5.9 U	0.63	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Carbon Disulfide	3.5 J	0.52	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Carbon Tetrachloride	5.9 U	0.43	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chlorobenzene	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chloroethane	5.9 U	1	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chloroform	5.9 U	0.34	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chloromethane	5.9 U	0.48	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	cis-1,3-Dichloropropene	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Dibromochloromethane	5.9 U	0.65	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Ethylbenzene	2.4 J	0.3	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Methylene Chloride	5.9 U	0.79	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Styrene	5.9 U	0.18	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.9 U	0.5	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Tetrachloroethene (PCE)	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Toluene	1 J	0.32	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	trans-1,3-Dichloropropene	5.9 U	0.63	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Trichloroethene (TCE)	5.9 U	0.49	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Vinyl Chloride	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Xylenes, Total	14	0.79	12	10	UG/KG
SW8260B/NONE	076SB-0064M-0001-SO	N	1	1,2-Dichloroethene	8.3 U	0.64	8.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1,1-Trichloroethane	5.3 U	0.59	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1,2-Trichloroethane	5.3 U	0.41	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1-Dichloroethane	5.3 U	0.38	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1-Dichloroethene	5.3 U	0.55	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.3 U	0.53	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dichloroethane	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dichloroethene	11 U	0.81	11	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dichloropropane	5.3 U	0.73	5.3	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0065M-0001-SO	N	1	2-Butanone (MEK)	1.7 J	1.5	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	2-Hexanone	21 U	0.67	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.57	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Acetone	21 U	6.7	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Benzene	5.3 U	0.24	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromochloromethane	5.3 U	0.75	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromodichloromethane	5.3 U	0.3	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromoform	5.3 U	0.35	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromomethane	5.3 U	0.57	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Carbon Disulfide	3.2 J	0.47	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Carbon Tetrachloride	5.3 U	0.39	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chlorobenzene	5.3 U	0.35	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chloroethane	5.3 U	0.91	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chloroform	5.3 U	0.31	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chloromethane	5.3 U	0.43	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	cis-1,3-Dichloropropene	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Dibromochloromethane	5.3 U	0.58	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Ethylbenzene	5.3 U	0.28	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Methylene Chloride	5.3 U	0.71	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Styrene	5.3 U	0.16	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.3 U	0.45	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Tetrachloroethene (PCE)	5.3 U	0.55	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Toluene	5.3 U	0.29	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	trans-1,3-Dichloropropene	5.3 U	0.57	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Trichloroethene (TCE)	5.3 U	0.44	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Vinyl Chloride	5.3 U	0.41	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Xylenes, Total	11 U	0.71	11	10	UG/KG
SW8260B/NONE	076SB-0066M-0001-SO	N	1	1,2-Dichloroethene	9.1 U	0.7	9.1	5	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0023M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4,6-Trichlorophenol	370 U	200	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dichlorophenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dimethylphenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dinitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	67	500	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	52	500	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	370 U	52	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	4-Chloroaniline	370 U	42	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	4-Nitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Benzoic acid	1600 U	830	1600	800	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Benzyl alcohol	820 U	52	820	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Carbazole	120 U	67	120	50	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Cresols, m & p	990 U	50	990	300	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Hexachlorocyclopentadiene	820 U	67	820	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0026M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0026M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	076SB-0027M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	51	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	51	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dinitrophenol	840 U	200	840	800	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dinitrotoluene	510 U	69	510	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,6-Dinitrotoluene	510 U	53	510	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	510 U	200	510	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	4-Nitrophenol	840 U	200	840	800	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Benzoic acid	1700 U	850	1700	800	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Benzyl alcohol	840 U	53	840	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Carbazole	130 U	69	130	50	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Cresols, m & p	1000 U	51	1000	300	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Hexachlorocyclopentadiene	840 U	69	840	330	UG/KG
SW8270C/NONE	076SB-0029M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4,6-Trichlorophenol	370 U	200	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dichlorophenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dimethylphenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dinitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	67	500	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	52	500	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	370 U	52	370	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	4-Chloroaniline	370 U	42	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	4-Nitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Benzoic acid	1600 U	830	1600	800	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Benzyl alcohol	820 U	52	820	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Carbazole	120 U	67	120	50	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Hexachlorocyclopentadiene	820 U	67	820	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,2,4-Trichlorobenzene	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,2-Dichlorobenzene	510 U	98	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,3-Dichlorobenzene	510 U	110	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,4-Dichlorobenzene	510 U	200	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Chloronaphthalene	510 U	33	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Chlorophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Nitroaniline	2000 U	92	2000	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Nitrophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Bromophenyl phenyl ether	510 U	130	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	510 U	130	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Acenaphthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Acenaphthylene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Anthracene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(a)anthracene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(a)pyrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(b)fluoranthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(g,h,i)perylene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(k)fluoranthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzoic acid	6700 U	3400	6700	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzyl butyl phthalate	510 U	100	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Carbazole	510 U	270	510	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Chrysene	68 U	11	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Cresols, m & p	4100 U	200	4100	300	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Dibenz(a,h)anthracene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Dibenzofuran	510 U	33	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Diethyl Phthalate	510 U	160	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Dimethyl Phthalate	510 U	170	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Di-n-Butyl Phthalate	510 U	150	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Di-n-Octylphthalate	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Fluoranthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Fluorene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Hexachlorobutadiene	510 U	270	510	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Hexachloroethane	510 U	91	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Isophorone	510 U	130	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Naphthalene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	n-Nitrosodi-n-propylamine	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Phenanthrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Phenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Pyrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Benzoic acid	1700 U	840	1700	800	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	98	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Nitroaniline	2000 U	92	2000	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(g,h,i)perylene	67 U	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzoic acid	6600 U	3400	6600	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Hexachloroethane	500 U	91	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Phenanthrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0048M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(g,h,i)perylene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Phenanthrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4,6-Trichlorophenol	370 U	200	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dichlorophenol	370 U	49	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dimethylphenol	370 U	49	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dinitrophenol	810 U	200	810	800	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dinitrotoluene	490 U	67	490	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,6-Dinitrotoluene	490 U	52	490	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	490 U	200	490	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	370 U	52	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	4-Chloroaniline	370 U	42	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	4-Nitrophenol	810 U	200	810	800	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Benzoic acid	1600 U	820	1600	800	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Benzyl alcohol	810 U	52	810	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Carbazole	120 U	67	120	50	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Cresols, m & p	990 U	49	990	300	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Hexachlorocyclopentadiene	810 U	67	810	330	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Benzoic acid	830 U	420	830	800	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Benzyl alcohol	410 U	26	410	330	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Carbazole	63 U	34	63	50	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Cresols, m & p	500 U	25	500	300	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Hexachlorocyclopentadiene	410 U	34	410	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	410	1700	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0054M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	400	1700	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0056M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0056M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0057M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0057M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0058M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Benzyl alcohol	340 U	21	340	330	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	27	340	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	410	1700	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Benzoic acid	3400 U	1700	3400	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0062M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0063M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,2,4-Trichlorobenzene	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,2-Dichlorobenzene	490 U	96	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,3-Dichlorobenzene	490 U	110	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,4-Dichlorobenzene	490 U	200	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	790	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	790	3300	800	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Chloronaphthalene	490 U	33	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Chlorophenol	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	790	2000	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Nitroaniline	2000 U	90	2000	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Nitrophenol	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	3,3'-Dichlorobenzidine	990 U	180	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Bromophenyl phenyl ether	490 U	130	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	490 U	130	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Nitrophenol	3300 U	790	3300	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Acenaphthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Acenaphthylene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(a)anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(a)pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(b)fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(g,h,i)perylene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(k)fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzoic acid	6500 U	3300	6500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzyl butyl phthalate	490 U	99	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	990 U	220	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	990 U	20	990	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0064M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	990 U	94	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Carbazole	490 U	270	490	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Chrysene	66 U	11	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Cresols, m & p	3900 U	200	3900	300	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Dibenz(a,h)anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Dibenzofuran	490 U	33	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Diethyl Phthalate	490 U	160	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Dimethyl Phthalate	490 U	170	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Di-n-Butyl Phthalate	490 U	150	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Di-n-Octylphthalate	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Fluorene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Hexachlorobutadiene	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Hexachloroethane	490 U	89	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Isophorone	490 U	130	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Naphthalene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Nitrobenzene	990 U	22	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	n-Nitrosodi-n-propylamine	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Pentachlorophenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Phenanthrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Phenol	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(a)anthracene	130	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(a)pyrene	170	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(b)fluoranthene	190	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(g,h,i)perylene	68	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(k)fluoranthene	45 J	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Chrysene	140	11	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG

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AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Fluoranthene	260	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	100	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Phenanthrene	140	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Pyrene	190	33	67	50	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	400	1700	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	91	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Reporting Anomalies

SDG Name: 240-17796-1_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	076SS-0022M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	076-0067-0001-ER	N	1	2-Amino-4,6-dinitrotoluene	0.21 U	0.015	0.21	0.2	UG/L
SW8330B/NONE	076-0067-0001-ER	N	1	2-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076-0067-0001-ER	N	1	3-Nitrotoluene	0.51 U	0.059	0.51	0.2	UG/L
SW8330B/NONE	076-0067-0001-ER	N	1	4-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076SW-0013-0001-SW	N	1	2-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076SW-0013-0001-SW	N	1	3-Nitrotoluene	0.51 U	0.058	0.51	0.2	UG/L
SW8330B/NONE	076SW-0013-0001-SW	N	1	4-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	2-Amino-4,6-dinitrotoluene	0.21 U	0.015	0.21	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	2-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	3-Nitrotoluene	0.52 U	0.059	0.52	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	4-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	2-Amino-4,6-dinitrotoluene	0.21 U	0.015	0.21	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	2-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	3-Nitrotoluene	0.52 U	0.059	0.52	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	4-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Worksheet

SDG Name: 240-17796-1_(76-SB,SS,SW)

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a duplicate sample prepared and analyzed with each batch?				
Was the duplicate RPD within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: M8015V				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was an Interference Check Standard (ICS) run at the beginning and end of every run?			•	Not Required
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Was a serial dilution prepared and analyzed with each batch?			•	Not Required
Was the serial dilution within QAPP acceptance limits?			•	Not Required
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW7196A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Method: SW7470A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW7470A				
Review Questions	Yes	No	NA	Comment
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLS achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Method: SW7471A				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW7471A				
Review Questions	Yes	No	NA	Comment
Were sample receipt temperatures met?				
Were QAPP specified RLS achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Method: SW8081				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8081				
Review Questions	Yes	No	NA	Comment
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Were the Breakdown products within QAPP acceptance limits?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				
Method: SW8082				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8082

Review Questions	Yes	No	NA	Comment
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Were the Breakdown products within QAPP acceptance limits?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8082				
Review Questions	Yes	No	NA	Comment
Were instrument run logs present and filled out appropriately?				

Method: SW8151				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Were the Breakdown products within QAPP acceptance limits?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8151				
Review Questions	Yes	No	NA	Comment
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				
Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified PQLs achieved?				
Were all QAPP-specified target analytes reported?				
Was the GC/MS system properly tuned based on method criteria?			•	Not Required
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?			•	Not Required
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?			•	Not Required
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?			•	Not Required
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?			•	Not Required
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?			•	Not Required
If a linear regression curve was used, was the correlation coefficient within criteria?			•	Not Required
Was a second source verification analyzed after the ICAL and all analytes within criteria?			•	Not Required
Was a CCV run at the beginning of the analytical sequence and every 12 hours?			•	Not Required
Was the CCV a mid-level standard from the initial calibration curve?			•	Not Required
Did the CCCs have a %Difference within QAPP acceptance limits?			•	Not Required

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Were the average RFs for the SPCCs within QAPP acceptance limits?			•	Not Required
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?			•	Not Required
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?			•	Not Required
Were the retention times for all IS compounds within QAPP acceptance limits?			•	Not Required
Are the area counts of all IS compounds within QAPP acceptance limits?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed at the required frequency?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch?				
Were the LCS/LCSD recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits?				
Was the duplicate RPD within QAPP acceptance limits?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were surrogate recoveries within QAPP acceptance limits?				
Were reported sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were instrument run logs present and filled out appropriately?				
Were sample preparation sheets present and filled out appropriately?				
Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified PQLs achieved?				
Were all QAPP-specified target analytes reported?				
Was the GC/MS system properly tuned based on method criteria?			•	Not Required
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?			•	Not Required
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?			•	Not Required
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?			•	Not Required
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?			•	Not Required
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?			•	Not Required
If a linear regression curve was used, was the correlation coefficient within criteria?			•	Not Required
Was a second source verification analyzed after the ICAL and all analytes within criteria?			•	Not Required
Was a CCV run at the beginning of the analytical sequence and every 12 hours?			•	Not Required
Was the CCV a mid-level standard from the initial calibration curve?			•	Not Required
Did the CCCs have a %Difference within QAPP acceptance limits?			•	Not Required
Were the average RFs for the SPCCs within QAPP acceptance limits?			•	Not Required
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?			•	Not Required
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?			•	Not Required
Were the retention times for all IS compounds within QAPP acceptance limits?			•	Not Required
Are the area counts of all IS compounds within QAPP acceptance limits?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed at the required frequency?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8270C

Review Questions	Yes	No	NA	Comment
Were the LCS/LCSD recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits?				
Was the duplicate RPD within QAPP acceptance limits?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were surrogate recoveries within QAPP acceptance limits?				
Were reported sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were instrument run logs present and filled out appropriately?				
Were sample preparation sheets present and filled out appropriately?				

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Did PDA spectra for reported compounds match associated standard spectra?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

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WORKSHEET 12

**Automated Data Review Summary for 240-17796-2
Rinsate Water**

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AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Facility: Ravenna Army Ammunition Plant

Event: Fall 2012 SI/RI Sampling

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: TestAmerica, Inc., North Canton, OH

Field Contractor: Environmental Chemical Corporation, Otis Ang Base, MA

Data Review Contractor:

SDG: 240-17796-2, Certified - 1/3/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-17796-2

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
SW6020/NONE	23	0

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17796-2. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Lab Replicate RPD
- LCS Recovery
- MS Recovery
- Prep Hold Time
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank
- Field Blank
- Field Duplicate RPD

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Initial Calibration Verification

LCS RPD

Material Blank

MS RPD

Surrogate

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 4 results (0.79%) out of the 506 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment
SW6020	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59262	59062	NA	LABQC	SQ	LABQC	MB 180-59062/1-A		1/1	27-Nov-2012 10:06 AM	27-Nov-2012 10:06 AM	22-Dec-2012 9:29 PM	LB
	59062	NA	LABQC	SQ	LABQC	LCS 180-59062/2-A		1/1	27-Nov-2012 10:06 AM	27-Nov-2012 10:06 AM	22-Dec-2012 9:33 PM	BS
	59062	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 10:06 AM	22-Dec-2012 9:40 PM	N
	59062	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:04 PM	LR
	59062	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:08 PM	MS
	59062	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	27-Nov-2012 10:06 AM	22-Dec-2012 10:20 PM	N
	59062	NA	76-U4-DU1-SB	SO	076SB-0024M-0001-SO	240-17796-3		1/1	15-Nov-2012 10:20 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:24 PM	N
	59062	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001-SO	240-17796-4		1/1	15-Nov-2012 9:00 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:28 PM	N
	59062	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001-SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:33 PM	N
	59062	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001-SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:37 PM	N
	59062	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001-SO	240-17796-7		1/1	15-Nov-2012 10:00 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:41 PM	N
	59062	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001-SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	27-Nov-2012 10:06 AM	22-Dec-2012 11:01 PM	N
	59062	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:05 PM	N
	59062	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:09 PM	N
	59062	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:14 PM	N
	59062	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:18 PM	N
	59062	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:22 PM	N
	59062	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:27 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Batch Report

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59262	59062	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:31 PM	N
	59062	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:35 PM	N
	59062	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/1	15-Nov-2012 5:35 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:40 PM	N
	59062	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/1	15-Nov-2012 5:36 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:59 PM	N
	59062	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	27-Nov-2012 10:06 AM	23-Dec-2012 12:04 AM	N
59320	59062	NA	LABQC	SQ	LABQC	MB 180-59062/1-A		2/1	27-Nov-2012 10:06 AM	27-Nov-2012 10:06 AM	23-Dec-2012 7:08 PM	LB
	59062	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 10:06 AM	23-Dec-2012 7:13 PM	N
59262	59171	NA	LABQC	SQ	LABQC	MB 180-59171/1-A		1/1	28-Nov-2012 12:40 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:14 AM	LB
	59171	NA	LABQC	SQ	LABQC	LCS 180-59171/2-A		1/1	28-Nov-2012 12:40 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:18 AM	BS
	59171	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:22 AM	N
	59171	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:31 AM	LR
	59171	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:35 AM	MS
	59171	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/1	15-Nov-2012 5:40 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:59 AM	N
	59171	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/1	15-Nov-2012 4:50 PM	28-Nov-2012 12:40 PM	23-Dec-2012 1:04 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	1 / 1.00	Aluminum	0.50 (MG/KG)	U/None	< 0.28	< 3	L		1	0.495
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Aluminum	0.65 (MG/KG)	U/None	< 0.28	< 3	L		1	0.652
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	1 / 1.00	Calcium	1.4 (MG/KG)	U/None	< 1.3	< 10	L		1	1.43
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Calcium	1.8 (MG/KG)	U/None	< 1.3	< 10	L		1	1.81
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	1 / 1.00	Iron	2.4 (MG/KG)	U/None	< 1.1	< 5	L		1	2.37
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Manganese	0.039 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0391
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Zinc	0.078 (MG/KG)	U/None	< 0.065	< 0.5	L		1	0.0780
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Aluminum	0.70 (MG/KG)	U/None	< 0.28	< 3	L		1	0.695
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Calcium	1.4 (MG/KG)	U/None	< 1.3	< 10	L		1	1.44
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Iron	2.3 (MG/KG)	U/None	< 1.1	< 5	L		1	2.32
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Manganese	0.020 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0199

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Aluminum	2.8	7300	7300 J		MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Antimony	0.19	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Iron	4.7	22000	22000 J		MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Manganese	0.47	590	590 J		MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Silver	0.094	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Zinc	0.47	46.0	46.0 J		MG/KG	M
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Antimony	0.19	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Selenium	0.46	0.43	0.43 J		MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Silver	0.093	0.020	0.020 J		MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Antimony	0.18	0.092	0.092 J		MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Selenium	0.45	0.39	0.39 J		MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Silver	0.091	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Antimony	0.15	0.095	0.095 J		MG/KG	TR
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Silver	0.073	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Silver	0.087	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Antimony	0.15	0.090	0.090 J		MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Silver	0.076	0.013	0.013 J		MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Antimony	0.17	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Silver	0.085	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Antimony	0.16	0.064	0.064 J		MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Selenium	0.40	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Silver	0.081	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Antimony	0.14	0.058	0.058 J		MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Silver	0.072	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Antimony	0.18	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Selenium	0.44	0.38	0.38 J		MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Silver	0.088	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Antimony	0.14	0.065	0.065 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Silver	0.070	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Antimony	0.20	0.063	0.063 J		MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Selenium	0.49	0.38	0.38 J		MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Silver	0.098	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Antimony	0.18	0.050	0.050 J		MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Selenium	0.44	0.36	0.36 J		MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Silver	0.088	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Antimony	0.19	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Selenium	0.47	0.41	0.41 J		MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Silver	0.094	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Antimony	0.19	0.18	0.18 J		MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Silver	0.096	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Thallium	0.096	0.072	0.072 J		MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Antimony	0.18	0.072	0.072 J		MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Selenium	0.46	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Silver	0.092	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Antimony	0.19	0.058	0.058 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Selenium	0.49	0.43	0.43 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Silver	0.097	0.052	0.052 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Thallium	0.097	0.087	0.087 J		MG/KG	TR
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Antimony	0.16	0.13	0.13 J		MG/KG	TR
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Silver	0.078	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Antimony	0.18	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Silver	0.092	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Silver	0.074	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Antimony	0.17	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Silver	0.087	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Antimony	0.19	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Antimony	0.20	0.10	0.10 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Silver	0.098	0.026	0.026 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Silver	0.094	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Aluminum	2.8	7300	7300 J	MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Arsenic	0.094	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Barium	0.94	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Beryllium	0.094	0.44	0.44	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Calcium	9.4	950	950	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Cadmium	0.094	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Cobalt	0.047	7.3	7.3	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Chromium	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Copper	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Iron	4.7	22000	22000 J	MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Potassium	9.4	570	570	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Magnesium	9.4	1500	1500	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Manganese	0.47	590	590 J	MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Sodium	9.4	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Nickel	0.094	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Lead	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Antimony	0.19	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Selenium	0.47	0.52	0.52	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Thallium	0.094	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Vanadium	0.094	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Zinc	0.47	46.0	46.0 J	MG/KG	M
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Silver	0.093	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Aluminum	2.8	5900	5900	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Arsenic	0.093	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Barium	0.93	41.0	41.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Beryllium	0.093	0.37	0.37	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Calcium	9.3	890	890	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Cadmium	0.093	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Cobalt	0.046	7.2	7.2	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Iron	4.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Potassium	9.3	620	620	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Magnesium	9.3	1600	1600	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Manganese	0.46	470	470	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Sodium	9.3	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Nickel	0.093	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Lead	0.093	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Antimony	0.19	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Selenium	0.46	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Thallium	0.093	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Vanadium	0.093	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Zinc	0.46	51.0	51.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Silver	0.091	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Aluminum	2.7	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Arsenic	0.091	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Barium	0.91	41.0	41.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Beryllium	0.091	0.35	0.35	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Calcium	9.1	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Cadmium	0.091	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Cobalt	0.045	7.0	7.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Chromium	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Copper	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Iron	4.5	21000	21000	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Potassium	9.1	620	620	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Magnesium	9.1	1800	1800	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Manganese	0.45	300	300	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Sodium	9.1	26.0	26.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Nickel	0.091	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Lead	0.091	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Antimony	0.18	0.092	0.092 J	MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Selenium	0.45	0.39	0.39 J	MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Thallium	0.091	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Vanadium	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Zinc	0.45	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Silver	0.073	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Aluminum	2.2	6300	6300	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Arsenic	0.073	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Barium	0.73	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Beryllium	0.073	0.39	0.39	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Calcium	7.3	700	700	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Cadmium	0.073	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Cobalt	0.036	8.5	8.5	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Chromium	0.15	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Copper	0.15	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Iron	3.6	21000	21000	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Potassium	7.3	620	620	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Magnesium	7.3	1700	1700	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Manganese	0.36	450	450	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Sodium	7.3	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Nickel	0.073	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Lead	0.073	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Antimony	0.15	0.095	0.095 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Selenium	0.36	0.41	0.41	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Thallium	0.073	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Vanadium	0.073	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Zinc	0.36	49.0	49.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Silver	0.087	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Aluminum	2.6	7200	7200	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Arsenic	0.087	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Barium	0.87	62.0	62.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Beryllium	0.087	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Calcium	8.7	980	980	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Cadmium	0.087	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Cobalt	0.043	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Chromium	0.17	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Copper	0.17	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Iron	4.3	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Potassium	8.7	560	560	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Magnesium	8.7	1300	1300	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Manganese	0.43	930	930	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Sodium	8.7	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Nickel	0.087	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Lead	0.087	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Antimony	0.17	0.29	0.29	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Selenium	0.43	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Thallium	0.087	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Vanadium	0.087	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Zinc	0.43	45.0	45.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Silver	0.076	0.013	0.013 J	MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Aluminum	2.3	6100	6100	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Arsenic	0.076	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Barium	0.76	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Beryllium	0.076	0.34	0.34	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Calcium	7.6	630	630	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Cadmium	0.076	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Cobalt	0.038	7.8	7.8	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Chromium	0.15	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Copper	0.15	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Iron	3.8	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Potassium	7.6	580	580	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Magnesium	7.6	1600	1600	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Manganese	0.38	380	380	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Sodium	7.6	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Nickel	0.076	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Lead	0.076	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Antimony	0.15	0.090	0.090 J	MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Selenium	0.38	0.51	0.51	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Thallium	0.076	0.099	0.099	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Vanadium	0.076	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Zinc	0.38	46.0	46.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Silver	0.085	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Aluminum	2.6	6000	6000	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Arsenic	0.085	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Barium	0.85	48.0	48.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Beryllium	0.085	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Calcium	8.5	1600	1600	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Cadmium	0.085	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Cobalt	0.043	7.2	7.2	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Chromium	0.17	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Copper	0.17	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Iron	4.3	24000	24000	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Potassium	8.5	500	500	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Magnesium	8.5	1400	1400	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Manganese	0.43	710	710	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Sodium	8.5	27.0	27.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Nickel	0.085	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Lead	0.085	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Antimony	0.17	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Selenium	0.43	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Thallium	0.085	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Vanadium	0.085	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Zinc	0.43	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Silver	0.081	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Aluminum	2.4	7700	7700	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Arsenic	0.081	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Barium	0.81	36.0	36.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Beryllium	0.081	0.39	0.39	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Calcium	8.1	1700	1700	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Cadmium	0.081	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Cobalt	0.040	7.3	7.3	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Chromium	0.16	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Copper	0.16	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Iron	4.0	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Potassium	8.1	750	750	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Magnesium	8.1	2300	2300	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Manganese	0.40	270	270	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Sodium	8.1	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Nickel	0.081	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Lead	0.081	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Antimony	0.16	0.064	0.064 J	MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Selenium	0.40	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Thallium	0.081	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Vanadium	0.081	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Zinc	0.40	45.0	45.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Silver	0.072	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Aluminum	2.2	6700	6700	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Arsenic	0.072	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Barium	0.72	30.0	30.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Beryllium	0.072	0.38	0.38	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Calcium	7.2	5000	5000	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Cadmium	0.072	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Cobalt	0.036	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Chromium	0.14	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Copper	0.14	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Iron	3.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Potassium	7.2	890	890	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Magnesium	7.2	3400	3400	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Manganese	0.36	360	360	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Sodium	7.2	40.0	40.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Nickel	0.072	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Lead	0.072	9.8	9.8	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Antimony	0.14	0.058	0.058 J	MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Selenium	0.36	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Thallium	0.072	0.11	0.11	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Vanadium	0.072	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Zinc	0.36	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Silver	0.088	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Aluminum	2.6	7200	7200	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Arsenic	0.088	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Barium	0.88	29.0	29.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Beryllium	0.088	0.41	0.41	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Calcium	8.8	5800	5800	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Cobalt	0.044	9.4	9.4	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Chromium	0.18	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Iron	4.4	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Potassium	8.8	940	940	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Magnesium	8.8	3800	3800	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Manganese	0.44	350	350	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Sodium	8.8	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Nickel	0.088	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Lead	0.088	9.7	9.7	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Antimony	0.18	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Selenium	0.44	0.38	0.38 J	MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Thallium	0.088	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Vanadium	0.088	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Zinc	0.44	47.0	47.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Silver	0.070	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Aluminum	2.1	7300	7300	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Arsenic	0.070	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Barium	0.70	34.0	34.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Beryllium	0.070	0.37	0.37	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Calcium	7.0	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Cadmium	0.070	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Cobalt	0.035	7.5	7.5	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Chromium	0.14	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Copper	0.14	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Iron	3.5	21000	21000	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Potassium	7.0	780	780	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Magnesium	7.0	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Manganese	0.35	330	330	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Sodium	7.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Nickel	0.070	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Lead	0.070	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Antimony	0.14	0.065	0.065 J	MG/KG	TR
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Selenium	0.35	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Thallium	0.070	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Vanadium	0.070	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Zinc	0.35	49.0	49.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Silver	0.098	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Aluminum	2.9	8500	8500	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Arsenic	0.098	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Barium	0.98	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Beryllium	0.098	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Calcium	9.8	4000	4000	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Cadmium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Cobalt	0.049	8.5	8.5	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Chromium	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Copper	0.20	18.0	18.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Potassium	9.8	1200	1200	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Magnesium	9.8	3200	3200	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Manganese	0.49	330	330	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Sodium	9.8	47.0	47.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Nickel	0.098	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Lead	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Antimony	0.20	0.063	0.063 J	MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Selenium	0.49	0.38	0.38 J	MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Thallium	0.098	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Vanadium	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Zinc	0.49	62.0	62.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Silver	0.088	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Aluminum	2.6	8000	8000	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Arsenic	0.088	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Barium	0.88	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Beryllium	0.088	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Calcium	8.8	4100	4100	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Cobalt	0.044	9.1	9.1	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Chromium	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Iron	4.4	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Potassium	8.8	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Magnesium	8.8	3700	3700	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Manganese	0.44	350	350	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Sodium	8.8	43.0	43.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Nickel	0.088	23.0	23.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Lead	0.088	9.4	9.4	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Antimony	0.18	0.050	0.050 J	MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Selenium	0.44	0.36	0.36 J	MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Thallium	0.088	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Vanadium	0.088	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Zinc	0.44	58.0	58.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Silver	0.094	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Aluminum	2.8	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Arsenic	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Barium	0.94	31.0	31.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Beryllium	0.094	0.37	0.37	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Calcium	9.4	2200	2200	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Cadmium	0.094	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Cobalt	0.047	7.6	7.6	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Copper	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Iron	4.7	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Potassium	9.4	920	920	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Magnesium	9.4	2600	2600	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Manganese	0.47	300	300	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Sodium	9.4	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Nickel	0.094	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Lead	0.094	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Antimony	0.19	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Selenium	0.47	0.41	0.41 J	MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Thallium	0.094	0.10	0.10	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Vanadium	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Zinc	0.47	46.0	46.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Silver	0.096	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Aluminum	2.9	6800	6800	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Arsenic	0.096	6.7	6.7	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Barium	0.96	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Beryllium	0.096	0.60	0.60	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Calcium	9.6	14000	14000	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Cadmium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Cobalt	0.048	4.2	4.2	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Copper	0.19	8.7	8.7	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Iron	4.8	14000	14000	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Potassium	9.6	810	810	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Magnesium	9.6	2400	2400	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Manganese	0.48	650	650	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Sodium	9.6	78.0	78.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Nickel	0.096	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Lead	0.096	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Antimony	0.19	0.18	0.18 J	MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Selenium	0.48	0.55	0.55	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Thallium	0.096	0.072	0.072 J	MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Vanadium	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Zinc	0.48	33.0	33.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Silver	0.092	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Aluminum	2.8	7900	7900	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Arsenic	0.092	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Barium	0.92	53.0	53.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Beryllium	0.092	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Calcium	9.2	1600	1600	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Cadmium	0.092	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Cobalt	0.046	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Chromium	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Iron	4.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Potassium	9.2	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Magnesium	9.2	2400	2400	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Manganese	0.46	350	350	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Sodium	9.2	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Nickel	0.092	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Lead	0.092	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Antimony	0.18	0.072	0.072 J	MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Selenium	0.46	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Thallium	0.092	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Vanadium	0.092	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Zinc	0.46	53.0	53.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Silver	0.097	0.052	0.052 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Aluminum	2.9	7300	7300	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Arsenic	0.097	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Barium	0.97	63.0	63.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Beryllium	0.097	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Calcium	9.7	4000	4000	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Cadmium	0.097	0.24	0.24	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Cobalt	0.049	6.0	6.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Iron	4.9	19000	19000	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Potassium	9.7	1100	1100	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Magnesium	9.7	2300	2300	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Manganese	0.49	410	410	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Sodium	9.7	36.0	36.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Nickel	0.097	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Lead	0.097	9.5	9.5	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Antimony	0.19	0.058	0.058 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Selenium	0.49	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Thallium	0.097	0.087	0.087 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Vanadium	0.097	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Zinc	0.49	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Silver	0.078	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Aluminum	2.3	7700	7700	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Arsenic	0.078	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Barium	0.78	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Beryllium	0.078	0.38	0.38	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Calcium	7.8	1300	1300	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Cadmium	0.078	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Cobalt	0.039	7.5	7.5	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Chromium	0.16	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Copper	0.16	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Iron	3.9	19000	19000	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Potassium	7.8	1200	1200	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Magnesium	7.8	2000	2000	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Manganese	0.39	250	250	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Sodium	7.8	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Nickel	0.078	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Lead	0.078	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Antimony	0.16	0.13	0.13 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Selenium	0.39	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Thallium	0.078	0.094	0.094	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Vanadium	0.078	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Zinc	0.39	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Silver	0.092	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Aluminum	2.8	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Arsenic	0.092	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Barium	0.92	43.0	43.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Beryllium	0.092	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Calcium	9.2	3700	3700	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Cadmium	0.092	0.19	0.19	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Cobalt	0.046	8.1	8.1	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Chromium	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Copper	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Iron	4.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Potassium	9.2	810	810	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Magnesium	9.2	2100	2100	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Manganese	0.46	330	330	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Sodium	9.2	29.0	29.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Nickel	0.092	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Lead	0.092	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Antimony	0.18	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Selenium	0.46	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Thallium	0.092	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Vanadium	0.092	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Zinc	0.46	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Silver	0.074	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Aluminum	2.2	8000	8000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Arsenic	0.074	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Barium	0.74	69.0	69.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Beryllium	0.074	0.59	0.59	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Calcium	7.4	7100	7100	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Cadmium	0.074	0.21	0.21	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Cobalt	0.037	7.5	7.5	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Chromium	0.15	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Copper	0.15	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Iron	3.7	19000	19000	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Potassium	7.4	870	870	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Magnesium	7.4	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Manganese	0.37	500	500	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Sodium	7.4	48.0	48.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Nickel	0.074	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Lead	0.074	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Antimony	0.15	0.18	0.18	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Selenium	0.37	0.64	0.64	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Thallium	0.074	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Vanadium	0.074	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Zinc	0.37	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Silver	0.087	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Aluminum	2.6	8600	8600	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Arsenic	0.087	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Barium	0.87	69.0	69.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Beryllium	0.087	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Calcium	8.7	7300	7300	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Cadmium	0.087	0.20	0.20	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Cobalt	0.043	7.8	7.8	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Chromium	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Copper	0.17	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Iron	4.3	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Potassium	8.7	790	790	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Magnesium	8.7	2700	2700	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Manganese	0.43	560	560	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Sodium	8.7	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Nickel	0.087	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Lead	0.087	26.0	26.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Antimony	0.17	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Selenium	0.43	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Thallium	0.087	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Vanadium	0.087	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Zinc	0.43	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Silver	0.097	0.22	0.22	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Aluminum	2.9	7800	7800	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Arsenic	0.097	9.2	9.2	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Barium	0.97	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Beryllium	0.097	0.41	0.41	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Calcium	9.7	2400	2400	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Cadmium	0.097	0.29	0.29	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Cobalt	0.049	6.1	6.1	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Chromium	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Iron	4.9	19000	19000	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Potassium	9.7	600	600	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Magnesium	9.7	1600	1600	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Manganese	0.49	290	290	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Sodium	9.7	25.0	25.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Nickel	0.097	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Lead	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Antimony	0.19	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Selenium	0.49	0.50	0.50	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Thallium	0.097	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Vanadium	0.097	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Zinc	0.49	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Silver	0.098	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Aluminum	2.9	8400	8400	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Arsenic	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Barium	0.98	51.0	51.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Beryllium	0.098	0.51	0.51	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Calcium	9.8	4300	4300	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Cadmium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Cobalt	0.049	8.2	8.2	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Chromium	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Copper	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Iron	4.9	22000	22000	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Potassium	9.8	800	800	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Magnesium	9.8	2200	2200	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Manganese	0.49	400	400	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Sodium	9.8	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Nickel	0.098	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Lead	0.098	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Antimony	0.20	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Selenium	0.49	0.56	0.56	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Thallium	0.098	0.14	0.14	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Vanadium	0.098	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Zinc	0.49	40.0	40.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Rejected Results

--No Records Found--

Anomalies Count

--No Records Found--

Reporting Anomalies

--No Records Found--

Worksheet

SDG Name: 240-17796-2

Method: SW6020				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required

AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Method: SW6020

Review Questions	Yes	No	NA	Comment
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was an Interference Check Standard (ICS) run at the beginning and end of every run?			•	Not Required
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Was a serial dilution prepared and analyzed with each batch?			•	Not Required
Was the serial dilution within QAPP acceptance limits?			•	Not Required
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

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WORKSHEET 13

**Automated Data Review Summary for 99335
Rinsate Water**

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AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Facility: Ravenna Army Ammunition Plant

Event: Summer 2013 RI/SI Sampling Event

Guidance Document: Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Contract Laboratory: CT LABS., BARABOO, WI

Field Contractor: Environmental Chemical Corporation, Cincinnati, OH

Data Review Contractor:

SDG: Site 83 EB csv, Certified - 9/24/2013 by Kathryn Priess

QC Level:

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG Site 83 EB csv

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
BNASIM/NONE	0	1
ORTPHG/NONE	0	1
SW6010B/NONE	0	1
SW7470A/NONE	0	1
SW8081B/NONE	0	1
SW8082/NONE	0	1
SW8260C/NONE	0	2

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
SW8270D/NONE	0	1
SW8330/NONE	0	1
SW8330B/NONE	0	1

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Cincinnati, OH; analyses were performed by CT LABS., BARABOO, WI and were reported under sample delivery group (SDG) Site 83 EB csv. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Equipment Blank
- Lab Replicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time
- Trip Blank

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

- Continuing Calibration Verification
- Field Blank
- Field Duplicate RPD
- Initial Calibration Verification
- LCS RPD
- Material Blank

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

Batch – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

QC Outlier – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

Qualified Results – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

Rejected Results – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

Field Duplicates – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

Data Submission Warnings – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 49 results (22.58%) out of the 217 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

Narrative Comments

Analytical Method	Comment

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Batch Report

Test Method: BNASIM; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96939	45508	NA	LABQC	WQ	LABQC	339737		1/1	20-Aug-2013 7:30 AM	20-Aug-2013 7:30 AM	21-Aug-2013 11:46 AM	LB
	45508	NA	LABQC	WQ	LABQC	339738		1/1	20-Aug-2013 7:30 AM	20-Aug-2013 7:30 AM	21-Aug-2013 12:06 PM	BS
	45508	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	20-Aug-2013 7:30 AM	21-Aug-2013 12:26 PM	EB
Test Method: ORTPHG; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96940	96940	NA	LABQC	WQ	LABQC	342875		1/1	21-Aug-2013 11:11 AM		21-Aug-2013 11:11 AM	BS
	96940	NA	LABQC	WQ	LABQC	342876		1/1	21-Aug-2013 12:35 PM		21-Aug-2013 12:35 PM	LB
	96940	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM		21-Aug-2013 1:18 PM	EB
Test Method: SW6010B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96853	45497	NA	LABQC	WQ	LABQC	339613		1/1	16-Aug-2013 12:30 PM	16-Aug-2013 12:30 PM	19-Aug-2013 2:39 PM	BS
	45497	NA	LABQC	WQ	LABQC	339612		1/1	16-Aug-2013 12:30 PM	16-Aug-2013 12:30 PM	19-Aug-2013 2:43 PM	LB
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	19-Aug-2013 2:47 PM	EB
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339614		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	19-Aug-2013 3:05 PM	LR
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339615		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	19-Aug-2013 3:09 PM	MS
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339616		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	19-Aug-2013 3:13 PM	SD
96854	45497	NA	LABQC	WQ	LABQC	339613		1/1	16-Aug-2013 12:30 PM	16-Aug-2013 12:30 PM	20-Aug-2013 10:03 AM	BS
	45497	NA	LABQC	WQ	LABQC	339612		1/1	16-Aug-2013 12:30 PM	16-Aug-2013 12:30 PM	20-Aug-2013 10:06 AM	LB

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Batch Report

Test Method: SW6010B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96854	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	20-Aug-2013 10:07 AM	EB
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339614		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	20-Aug-2013 10:09 AM	LR
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339615		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	20-Aug-2013 10:10 AM	MS
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339616		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	20-Aug-2013 10:11 AM	SD
96853	45497	NA	LABQC	WQ	LABQC	339612		1/1	16-Aug-2013 12:30 PM	16-Aug-2013 12:30 PM	21-Aug-2013 1:51 PM	LB
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	21-Aug-2013 1:55 PM	EB
	45497	NA	FIELDQC	WQ	083SB-0023-0001-ER	339614		1/1	15-Aug-2013 9:30 AM	16-Aug-2013 12:30 PM	21-Aug-2013 2:03 PM	LR
Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96908	45527	NA	LABQC	WQ	LABQC	339931		1/1	20-Aug-2013 9:30 AM	20-Aug-2013 9:30 AM	21-Aug-2013 10:54 AM	BS
	45527	NA	LABQC	WQ	LABQC	339930		1/1	20-Aug-2013 9:30 AM	20-Aug-2013 9:30 AM	21-Aug-2013 10:56 AM	LB
	45527	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	20-Aug-2013 9:30 AM	21-Aug-2013 10:58 AM	EB
	45527	NA	FIELDQC	WQ	083SB-0023-0001-ER	339932		1/1	15-Aug-2013 9:30 AM	20-Aug-2013 9:30 AM	21-Aug-2013 11:02 AM	LR
	45527	NA	FIELDQC	WQ	083SB-0023-0001-ER	339933		1/1	15-Aug-2013 9:30 AM	20-Aug-2013 9:30 AM	21-Aug-2013 11:04 AM	MS
	45527	NA	FIELDQC	WQ	083SB-0023-0001-ER	339934		1/1	15-Aug-2013 9:30 AM	20-Aug-2013 9:30 AM	21-Aug-2013 11:06 AM	SD
Test Method: SW8081B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96883	45504	NA	LABQC	WQ	LABQC	339717		1/1	19-Aug-2013 8:00 AM	19-Aug-2013 8:00 AM	23-Aug-2013 12:59 PM	LB

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Batch Report

Test Method: SW8081B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96883	45504	NA	LABQC	WQ	LABQC	339718		1/1	19-Aug-2013 8:00 AM	19-Aug-2013 8:00 AM	23-Aug-2013 1:15 PM	BS
	45504	NA	LABQC	WQ	LABQC	339718		1/1	19-Aug-2013 8:00 AM	19-Aug-2013 8:00 AM	23-Aug-2013 1:32 PM	BS
	45504	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	19-Aug-2013 8:00 AM	23-Aug-2013 1:49 PM	EB
97001	45551	NA	LABQC	WQ	LABQC	340733		1/1	21-Aug-2013 8:00 AM	21-Aug-2013 8:00 AM	23-Aug-2013 3:46 PM	BS
Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96884	45505	NA	LABQC	WQ	LABQC	339720		1/1	19-Aug-2013 8:00 AM	19-Aug-2013 8:00 AM	21-Aug-2013 11:09 AM	LB
	45505	NA	LABQC	WQ	LABQC	339721		1/1	19-Aug-2013 8:00 AM	19-Aug-2013 8:00 AM	21-Aug-2013 11:29 AM	BS
	45505	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	19-Aug-2013 8:00 AM	21-Aug-2013 11:48 AM	EB
Test Method: SW8260C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96835	96835	NA	LABQC	WQ	LABQC	340024		1/1	19-Aug-2013 11:55 AM		19-Aug-2013 11:55 AM	BS
	96835	NA	LABQC	WQ	LABQC	340028		1/1	19-Aug-2013 12:25 PM		19-Aug-2013 12:25 PM	LB
	96835	NA	FIELDQC	WQ	083SB-0024-0001-TB	339581		1/1	15-Aug-2013 8:00 AM		19-Aug-2013 7:19 PM	TB
	96835	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM		19-Aug-2013 7:48 PM	EB
	96835	NA	FIELDQC	WQ	083SB-0023-0001-ER	340195		1/1	15-Aug-2013 9:30 AM		19-Aug-2013 9:16 PM	MS
	96835	NA	FIELDQC	WQ	083SB-0023-0001-ER	340715		1/1	15-Aug-2013 9:30 AM		19-Aug-2013 9:46 PM	SD
97040	97040	NA	LABQC	WQ	LABQC	343270		1/1	23-Aug-2013 3:40 PM		23-Aug-2013 3:40 PM	BS

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Batch Report

Test Method: SW8260C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
97040	97040	NA	LABQC	WQ	LABQC	343278		1/1	23-Aug-2013 4:39 PM		23-Aug-2013 4:39 PM	LB
Test Method: SW8270D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
96903	45503	NA	LABQC	WQ	LABQC	339715		1/1	19-Aug-2013 10:30 AM	19-Aug-2013 10:30 AM	20-Aug-2013 1:57 PM	LB
	45503	NA	LABQC	WQ	LABQC	339716		1/1	19-Aug-2013 10:30 AM	19-Aug-2013 10:30 AM	20-Aug-2013 2:17 PM	BS
	45503	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	19-Aug-2013 10:30 AM	20-Aug-2013 4:22 PM	EB
97009	45552	NA	LABQC	WQ	LABQC	340736		1/1	21-Aug-2013 8:00 AM	21-Aug-2013 8:00 AM	22-Aug-2013 2:11 PM	LB
	45552	NA	LABQC	WQ	LABQC	340737		1/1	21-Aug-2013 8:00 AM	21-Aug-2013 8:00 AM	22-Aug-2013 2:48 PM	BS
Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
97103	45570	NA	LABQC	WQ	LABQC	341681		1/1	22-Aug-2013 9:00 AM	22-Aug-2013 9:00 AM	28-Aug-2013 10:40 AM	LB
	45570	NA	LABQC	WQ	LABQC	341682		1/1	22-Aug-2013 9:00 AM	22-Aug-2013 9:00 AM	28-Aug-2013 10:59 AM	BS
	45570	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	22-Aug-2013 9:00 AM	28-Aug-2013 11:17 AM	EB
97104	45571	NA	LABQC	WQ	LABQC	341684		1/1	22-Aug-2013 9:00 AM	22-Aug-2013 9:00 AM	28-Aug-2013 3:14 PM	LB
	45571	NA	LABQC	WQ	LABQC	341685		1/1	22-Aug-2013 9:00 AM	22-Aug-2013 9:00 AM	28-Aug-2013 3:22 PM	BS
Test Method: SW8330; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
97104	45571	NA	FIELDQC	WQ	083SB-0023-0001-ER	339561		1/1	15-Aug-2013 9:30 AM	22-Aug-2013 9:00 AM	28-Aug-2013 3:31 PM	EB

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Field Batch Report

Test Method: BNASIM			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: ORTPHG			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW6010B			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW7470A			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW8081B			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW8082			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW8260C			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW8270D			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW8330			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Field Batch Report

Test Method: SW8330B			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
15081301			FIELDQC	WQ	083SB-0023-0001-ER	339561	8/15/2013 9:30:00 AM	EB
Test Method: SW8260C			Leach Method: NONE					
EBLOT	TBLOT	ABLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
	15081301		FIELDQC	WQ	083SB-0024-0001-TB	339581	8/15/2013 8:00:00 AM	TB

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

QC Outlier Report

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
ORTPHG / SW5030B/NONE	Equipment Blank	083SB-0023-0001-ER (EB) / 339561	1 / 1.00	Gasoline Components	26.0 (ug/L)	U/None	< 23	< 100	V		1	26.0
SW6010B / TOTAL/NONE	Blank	339612 (LB) / 339612	1 / 1.00	Calcium	109 (ug/L)	U/None	< 17	< 100	L		1	109
SW6010B / TOTAL/NONE	Blank	339612 (LB) / 339612	1 / 1.00	Iron	77.2 (ug/L)	U/None	< 16	< 100	L		1	77.2
SW6010B / TOTAL/NONE	Blank	339612 (LB) / 339612	1 / 1.00	Manganese	1.8 (ug/L)	U/None	< 0.7	< 4	L		1	1.82
SW6010B / TOTAL/NONE	Blank	339612 (LB) / 339612	1 / 1.00	Thallium	2.7 (ug/L)	U/None	< 2.5	< 15	L		1	2.66
SW6010B / TOTAL/NONE	Equipment Blank	083SB-0023-0001-ER (EB) / 339561	1 / 1.00	Silver	0.77 (ug/L)	U/None	< 0.7	< 4	V		1	0.770
SW8260C / SW5030B/NONE	Equipment Blank	083SB-0023-0001-ER (EB) / 339561	1 / 1.00	Chloroform	0.37 (ug/L)	U/None	< 0.15	< 0.5	V		1	0.370
SW8260C / SW5030B/NONE	Trip Blank	083SB-0024-0001-TB (TB) / 339581	1 / 1.00	Methylene Chloride	1.3 (ug/L)	U/None	< 0.4	< 2	T		2	2.60
SW8270D / SW3510/NONE	LCS Recovery	339716 (BS) / 339716	1 / 1.00	2,2'-Oxybis(1-chloro)propane	66.5 (PERCENT)	J/UJ	70 - 130	70 - 130	C			
SW8270D / SW3510/NONE	LCS Recovery	339716 (BS) / 339716	1 / 1.00	Cresols, m & p	59.0 (PERCENT)	J/UJ	70 - 130	70 - 130	C			
SW8270D / SW3510/NONE	LCS Recovery	339716 (BS) / 339716	1 / 1.00	Hexachlorocyclopentadiene	53.0 (PERCENT)	J/UJ	70 - 130	70 - 130	C			
SW8270D / SW3510/NONE	Surrogate	083SB-0023-0001-ER (EB) / 339561	1 / 1.00	Phenol-d5	27.0 (PERCENT)	J/UJ	40 - 100	10 - 100	I			
SW8330B / METHOD/NONE	LCS Recovery	341685 (BS) / 341685	1 / 1.00	NITROGUANIDINE	78.6 (PERCENT)	J/UJ	80 - 120	20 - 120	C			
SW8330B / METHOD/NONE	Surrogate	083SB-0023-0001-ER (EB) / 339561	1 / 1.00	1,2-Dinitrobenzene	120 (PERCENT)	J/None	78 - 118	10 - 118	I			

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
ORTPHG/NONE	WQ	083SB-0023-0001-ER	339561	EB	Gasoline Components	100	26.0	26.0 J		ug/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6010B/NONE	WQ	083SB-0023-0001-ER	339561	EB	Silver	4.0	0.77	0.77 J		ug/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260C/NONE	WQ	083SB-0023-0001-ER	339561	EB	Chloroform	0.50	0.37	0.37 J		ug/L	TR
SW8260C/NONE	WQ	083SB-0024-0001-TB	339581	TB	Methylene Chloride	2.0	1.3	1.3 J		ug/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	1,2,4-Trichlorobenzene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	1,2-Dichlorobenzene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	1,3-Dichlorobenzene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	1,4-Dichlorobenzene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,2'-Oxybis(1-chloro)propane	1.0	1.0	1.0 UJ	-	ug/L	C/I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,4,5-Trichlorophenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,4,6-Trichlorophenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,4-Dichlorophenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,4-Dimethylphenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,4-Dinitrophenol	6.1	6.1	6.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,4-Dinitrotoluene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2,6-Dinitrotoluene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2-Chloronaphthalene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2-Chlorophenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2-Methylphenol (o-Cresol)	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2-Nitroaniline	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	2-Nitrophenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	3,3'-Dichlorobenzidine	2.5	2.5	2.5 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	3-Nitroaniline	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	4,6-Dinitro-2-Methylphenol	6.1	6.1	6.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	4-Bromophenyl phenyl ether	1.0	1.0	1.0 UJ	-	ug/L	I

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	4-Chloro-3-Methylphenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	4-Chloroaniline	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	4-Chlorophenyl Phenyl Ether	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	4-Nitroaniline	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	4-Nitrophenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Benzoic acid	76.0	76.0	76.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Benzyl alcohol	3.0	3.0	3.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Benzyl butyl phthalate	3.0	3.0	3.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	bis(2-Chloroethoxy) Methane	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Carbazole	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Cresols, m & p	9.1	9.1	9.1 UJ	-	ug/L	C/I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Dibenzofuran	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Diethyl Phthalate	3.0	3.0	3.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Dimethyl Phthalate	3.0	3.0	3.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Di-n-Butyl Phthalate	3.0	3.0	3.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Di-n-Octylphthalate	3.0	3.0	3.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Hexachlorobenzene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Hexachlorobutadiene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Hexachlorocyclopentadiene	1.2	1.2	1.2 UJ	-	ug/L	C/I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Hexachloroethane	1.2	1.2	1.2 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Isophorone	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Nitrobenzene	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	n-Nitrosodi-n-propylamine	1.0	1.0	1.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	n-Nitrosodiphenylamine	2.0	2.0	2.0 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Pentachlorophenol	5.1	5.1	5.1 UJ	-	ug/L	I
SW8270D/NONE	WQ	083SB-0023-0001-ER	339561	EB	Phenol	5.1	5.1	5.1 UJ	-	ug/L	I
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330/NONE	WQ	083SB-0023-0001-ER	339561	EB	NITROGUANIDINE	120	120	120 UJ	-	ug/L	C

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
ORTPHG/NONE	WQ	083SB-0023-0001-ER	339561	EB	Gasoline Components	100	26.0	26.0 J	ug/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6010B/NONE	WQ	083SB-0023-0001-ER	339561	EB	Silver	4.0	0.77	0.77 J	ug/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260C/NONE	WQ	083SB-0023-0001-ER	339561	EB	Chloroform	0.50	0.37	0.37 J	ug/L	TR
SW8260C/NONE	WQ	083SB-0024-0001-TB	339581	TB	Methylene Chloride	2.0	1.3	1.3 J	ug/L	TR

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Rejected Results

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Anomalies Count

SDG Name: Site 83 EB csv

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
ORTPHG/SW5030B/NONE	1	1
SW6010B/TOTAL/NONE	1	9
SW8082/SW3520C/NONE	1	9
SW8260C/SW5030B/NONE	2	2
SW8270D/SW3510/NONE	1	5
SW8330/METHOD/NONE	1	1
SW8330B/METHOD/NONE	1	16

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Reporting Anomalies

SDG Name: Site 83 EB csv

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
ORTPHG/NONE	083SB-0023-0001-ER	EB	1	Gasoline Components	26 J	23	100	0.5	ug/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Antimony	12 U	2	12	2	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Arsenic	24 U	4	24	5	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Cadmium	2 U	0.3	2	0.5	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Copper	7 U	1.2	7	5	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Lead	4 U	1.4	4	3	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Potassium	500 U	90	500	200	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Selenium	13 U	2.2	13	5	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Sodium	600 U	100	600	200	ug/L
SW6010B/NONE	083SB-0023-0001-ER	EB	1	Thallium	15 U	2.5	15	1	ug/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1016 (Arochlor 1016)	1 U	0.12	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1221 (Arochlor 1221)	1 U	0.087	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1232 (Arochlor 1232)	1 U	0.15	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1242 (Arochlor 1242)	1 U	0.098	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1248 (Arochlor 1248)	1 U	0.09	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1254 (Arochlor 1254)	1 U	0.096	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1260 (Arochlor 1260)	1 U	0.1	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1262 (Arochlor 1262)	1 U	0.29	1	0.2	ug/L
SW8082/NONE	083SB-0023-0001-ER	EB	1	PCB-1268 (Arochlor 1268)	1 U	0.057	1	0.2	ug/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260C/NONE	083SB-0023-0001-ER	EB	1	Methylene Chloride	2 U	0.4	2	1	ug/L
SW8260C/NONE	083SB-0024-0001-TB	TB	1	Methylene Chloride	1.3 J	0.4	2	1	ug/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270D/NONE	083SB-0023-0001-ER	EB	1	2,4,5-Trichlorophenol	5.1 UJ	1.1	5.1	5	ug/L
SW8270D/NONE	083SB-0023-0001-ER	EB	1	2,4,6-Trichlorophenol	5.1 UJ	1	5.1	5	ug/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Reporting Anomalies

SDG Name: Site 83 EB csv

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270D/NONE	083SB-0023-0001-ER	EB	1	Benzoic acid	76 UJ	11	76	25	ug/L
SW8270D/NONE	083SB-0023-0001-ER	EB	1	Hexachlorobenzene	1 UJ	0.27	1	0.2	ug/L
SW8270D/NONE	083SB-0023-0001-ER	EB	1	Pentachlorophenol	5.1 UJ	1.1	5.1	5	ug/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330/NONE	083SB-0023-0001-ER	EB	1	NITROGUANIDINE	120 UJ	32	120	20	ug/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	083SB-0023-0001-ER	EB	1	1,3,5-Trinitrobenzene	0.8 U	0.23	0.8	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	1,3-Dinitrobenzene	1 U	0.2	1	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	2,4,6-Trinitrotoluene	1 U	0.22	1	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	2,4-Dinitrotoluene	2 U	0.3	2	0.1	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	2,6-Dinitrotoluene	1 U	0.24	1	0.1	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	2-Amino-4,6-dinitrotoluene	1 U	0.24	1	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	2-Nitrotoluene	2 U	0.4	2	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	3-Nitrotoluene	0.8 U	0.23	0.8	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	4-Amino-2,6-Dinitrotoluene	1 U	0.28	1	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	4-Nitrotoluene	1 U	0.22	1	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	1 U	0.18	1	0.5	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	Nitrobenzene	0.8 U	0.22	0.8	0.2	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	Nitroglycerin	8 U	2.2	8	3	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	1 U	0.25	1	0.5	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	Pentaerythritol Tetranitrate	12 U	3	12	3	ug/L
SW8330B/NONE	083SB-0023-0001-ER	EB	1	Tetryl	1 U	0.21	1	0.2	ug/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

AUTOMATED DATA REVIEW SUMMARY for Site 83 EB csv

Worksheet

SDG Name: Site 83 EB csv

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WORKSHEET 14

Automated Data Review Summary for Field Duplicates

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Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location Analysis

72-1026-R86-SB1 M8015D

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	C10-C20 Diesel Range Organics	ND	ND	19.0		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	C20-C34 Motor Oil Range Organics	ND	ND	19.0		NA	OK

Location Analysis

72-1026-R86-SB1 M8015V

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Petroleum Hydrocarbons C6-C12	ND	ND	93.0		NA	OK

Location Analysis

72-1026-R86-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Aluminum	8500	9600	3.20	12.2	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Antimony	0.200	0.140	0.210	35.3	NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Arsenic	5.60	4.70	0.110	17.5	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Barium	55.0	53.0	1.10	3.70	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Beryllium	0.880	0.810	0.110	8.28	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Cadmium	0.200	0.230	0.110	14.0	NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Calcium	400	450	11.0	11.8	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Chromium	18.0	20.0	0.210	10.5	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Cobalt	18.0	17.0	0.0530	5.71	OK	NA

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location **Analysis**

72-1026-R86-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Copper	31.0	33.0	0.210	6.25	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Iron	37000	36000	5.30	2.74	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Lead	20.0	17.0	0.110	16.2	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Magnesium	4000	4300	11.0	7.23	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Manganese	910	700	0.530	26.1	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Nickel	31.0	32.0	0.110	3.17	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Potassium	1000	1200	11.0	18.2	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Selenium	1.00	1.10	0.530	9.52	NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Silver	0.0320	0.0370	0.110	14.5	NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Sodium	60.0	66.0	11.0	9.52	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Thallium	0.140	0.110	0.110	24.0	NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Vanadium	17.0	18.0	0.110	5.71	OK	NA
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Zinc	69.0	80.0	0.530	14.8	OK	NA

Location **Analysis**

72-1026-R86-SB1 SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Mercury	0.0400	0.0210	0.100	62.3	NA	OK

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Location**Analysis**

72-1026-R86-SB1

SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Benzene	ND	ND	4.70		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Ethylbenzene	ND	ND	4.70		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	tert-Butyl Methyl Ether (MTBE)	ND	ND	4.70		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Toluene	ND	ND	4.70		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Xylenes, Total	ND	ND	9.40		NA	OK

Location**Analysis**

72-1026-R86-SB1

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Acenaphthene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Acenaphthylene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Anthracene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Benzo(a)anthracene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Benzo(a)pyrene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Benzo(b)fluoranthene	ND	4.40	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Benzo(g,h,i)perylene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Benzo(k)fluoranthene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Chrysene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Dibenz(a,h)anthracene	ND	ND	7.60		NA	OK

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Location**Analysis**

72-1026-R86-SB1

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Fluoranthene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Fluorene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Indeno(1,2,3-c,d)pyrene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Naphthalene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Phenanthrene	ND	ND	7.60		NA	OK
Dec 3 2012	072SB-0012-0001-SO / 072SB-0013-0001-SO	240-18297-15 / 240-18297-16	Pyrene	ND	ND	7.60		NA	OK

Location**Analysis**

72-1026-R89-SB1

M8015D

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	C10-C20 Diesel Range Organics	ND	ND	17.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	C20-C34 Motor Oil Range Organics	ND	ND	17.0		NA	OK

Location**Analysis**

72-1026-R89-SB1

M8015V

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Petroleum Hydrocarbons C6-C12	ND	ND	80.0		NA	OK

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Location **Analysis**

72-1026-R89-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Aluminum	6000	5900	3.00	1.68	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Antimony	ND	0.0820	0.200		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Arsenic	0.510	1.10	0.100	73.3	Out	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Barium	31.0	16.0	1.00	63.8	Out	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Beryllium	0.690	0.580	0.100	17.3	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Cadmium	0.190	0.150	0.100	23.5	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Calcium	750	710	10.0	5.48	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Chromium	13.0	13.0	0.200	0.00	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Cobalt	5.50	6.20	0.0500	12.0	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Copper	17.0	17.0	0.200	0.00	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Iron	11000	12000	5.00	8.70	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Lead	8.70	10.0	0.100	13.9	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Magnesium	2300	2100	10.0	9.09	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Manganese	210	84.0	0.500	85.7	Out	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Nickel	16.0	25.0	0.100	43.9	Out	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Potassium	1300	1100	10.0	16.7	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Selenium	0.740	0.680	0.500	8.45	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Silver	0.0300	0.0610	0.100	68.1	NA	OK

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Location Analysis

72-1026-R89-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Sodium	71.0	69.0	10.0	2.86	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Thallium	0.120	0.110	0.100	8.70	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Vanadium	8.90	9.70	0.100	8.60	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Zinc	45.0	33.0	0.500	30.8	OK	NA

Location Analysis

72-1026-R89-SB1 SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Mercury	ND	0.0220	0.0970		NA	OK

Location Analysis

72-1026-R89-SB1 SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzene	ND	ND	5.10		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Ethylbenzene	ND	ND	5.10		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	tert-Butyl Methyl Ether (MTBE)	ND	ND	5.10		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Toluene	ND	ND	5.10		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Xylenes, Total	ND	ND	10.0		NA	OK

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Analysis

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	1,2,4-Trichlorobenzene	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	1,2-Dichlorobenzene	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	1,3-Dichlorobenzene	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	1,4-Dichlorobenzene	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2,4,5-Trichlorophenol	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2,4,6-Trichlorophenol	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2,4-Dichlorophenol	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2,4-Dimethylphenol	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2,4-Dinitrophenol	ND	ND	340		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2,4-Dinitrotoluene	ND	ND	210		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2,6-Dinitrotoluene	ND	ND	210		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2-Chloronaphthalene	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2-Chlorophenol	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2-Methylnaphthalene	100	11.0	6.90	160	NA	89
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2-Methylphenol (o-Cresol)	ND	ND	210		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2-Nitroaniline	ND	ND	210		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	2-Nitrophenol	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	3,3'-Dichlorobenzidine	ND	ND	100		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	3-Nitroaniline	ND	ND	210		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	4,6-Dinitro-2-Methylphenol	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	4-Bromophenyl phenyl ether	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	4-Chloro-3-Methylphenol	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	4-Chloroaniline	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	4-Chlorophenyl Phenyl Ether	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	4-Nitroaniline	ND	ND	210		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	4-Nitrophenol	ND	ND	340		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Acenaphthene	ND	ND	6.90		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Acenaphthylene	ND	ND	6.90		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Anthracene	ND	ND	6.90		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzo(a)anthracene	15.0	4.40	6.90	109	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzo(a)pyrene	18.0	ND	6.90		NA	18
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzo(b)fluoranthene	16.0	15.0	6.90	6.45	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzo(g,h,i)perylene	140	42.0	6.90	108	Out	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzo(k)fluoranthene	5.80	ND	6.90		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzoic acid	ND	ND	680		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzyl alcohol	ND	ND	340		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Benzyl butyl phthalate	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	bis(2-Chloroethoxy) Methane	ND	ND	100		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	100		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	bis(2-Chloroisopropyl) Ether	ND	ND	100		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	bis(2-Ethylhexyl) Phthalate	ND	25.0	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Carbazole	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Chrysene	9.10	9.10	6.90	0.00	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Cresols, m & p	ND	ND	410		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Di-n-Butyl Phthalate	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Di-n-Octylphthalate	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Dibenz(a,h)anthracene	ND	ND	6.90		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Dibenzofuran	16.0	8.70	52.0	59.1	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Diethyl Phthalate	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Dimethyl Phthalate	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Fluoranthene	12.0	10.0	6.90	18.2	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Fluorene	8.40	ND	6.90		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Hexachlorobenzene	ND	ND	6.90		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Hexachlorobutadiene	ND	ND	52.0		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Hexachlorocyclopentadiene	ND	ND	340		NA	OK
Dec 4 2012	072SB-0026-0002-SO / 072SB-0027-0001-SO	240-18441-17 / 240-18441-12	Hexachlorocyclopentadiene	ND	ND	340		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Hexachloroethane	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Indeno(1,2,3-c,d)pyrene	17.0	12.0	6.90	34.5	NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Isophorone	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	n-Nitrosodi-n-propylamine	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	n-Nitrosodiphenylamine	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Naphthalene	29.0	14.0	6.90	69.8	NA	15
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Nitrobenzene	ND	ND	100		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Pentachlorophenol	ND	ND	150		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Phenanthrene	50.0	36.0	6.90	32.6	OK	NA
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Phenol	ND	ND	52.0		NA	OK
Dec 4 2012	072SB-0026-0001-SO / 072SB-0027-0001-SO	240-18441-11 / 240-18441-12	Pyrene	16.0	7.10	6.90	77.1	NA	OK

Location**Analysis**

72-1048-RV5-SB1

M8015D

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	C10-C20 Diesel Range Organics	ND	ND	20.0		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	C20-C34 Motor Oil Range Organics	ND	ND	20.0		NA	OK

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Location **Analysis**

72-1048-RV5-SB1 M8015V

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Petroleum Hydrocarbons C6-C12	320	180	110	56.0	NA	OK

Location **Analysis**

72-1048-RV5-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Aluminum	12000	12000	3.10	0.00	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Antimony	0.0750	0.0830	0.210	10.1	NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Arsenic	14.0	7.80	0.100	56.9	Out	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Barium	36.0	87.0	1.00	82.9	Out	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Beryllium	0.650	0.600	0.100	8.00	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Cadmium	0.150	0.190	0.100	23.5	NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Calcium	2900	28000	10.0	162	Out	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Chromium	18.0	19.0	0.210	5.41	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Cobalt	12.0	9.60	0.0510	22.2	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Copper	16.0	17.0	0.210	6.06	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Iron	28000	26000	5.10	7.41	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Lead	11.0	10.0	0.100	9.52	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Magnesium	6000	8100	10.0	29.8	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Manganese	190	270	0.510	34.8	OK	NA

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72-1048-RV5-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Nickel	29.0	25.0	0.100	14.8	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Potassium	1900	2100	10.0	10.0	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Selenium	0.900	0.900	0.510	0.00	NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Silver	0.0330	0.0340	0.100	2.99	NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Sodium	85.0	100	10.0	16.2	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Thallium	0.180	0.150	0.100	18.2	NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Vanadium	17.0	20.0	0.100	16.2	OK	NA
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Zinc	59.0	52.0	0.510	12.6	OK	NA

Location Analysis

72-1048-RV5-SB1 SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Mercury	ND	ND	0.120		NA	OK

Location Analysis

72-1048-RV5-SB1 SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Benzene	ND	ND	250		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Ethylbenzene	ND	ND	250		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	tert-Butyl Methyl Ether (MTBE)	ND	ND	250		NA	OK

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Location **Analysis**

72-1048-RV5-SB1 SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Toluene	ND	ND	250		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Xylenes, Total	ND	ND	500		NA	OK

Location **Analysis**

72-1048-RV5-SB1 SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Acenaphthene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Acenaphthylene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Anthracene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Benzo(a)anthracene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Benzo(a)pyrene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Benzo(b)fluoranthene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Benzo(g,h,i)perylene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Benzo(k)fluoranthene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Chrysene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Dibenz(a,h)anthracene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Fluoranthene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Fluorene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Indeno(1,2,3-c,d)pyrene	ND	ND	8.00		NA	OK

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Location Analysis

72-1048-RV5-SB1 SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Naphthalene	8.90	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Phenanthrene	ND	ND	8.00		NA	OK
Dec 3 2012	072SB-0001-0001-SO / 072SB-0002-0001-SO	240-18297-9 / 240-18297-10	Pyrene	ND	ND	8.00		NA	OK

Location Analysis

72-2F11-R41-SB4 M8015D

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	C10-C20 Diesel Range Organics	ND	ND	20.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	C20-C34 Motor Oil Range Organics	ND	ND	20.0		NA	OK

Location Analysis

72-2F11-R41-SB4 M8015V

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Petroleum Hydrocarbons C6-C12	ND	ND	130		NA	OK

Location Analysis

72-2F11-R41-SB4 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Aluminum	9600	8900	3.40	7.57	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Antimony	0.0770	ND	0.230		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Arsenic	18.0	13.0	0.110	32.3	OK	NA

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Location **Analysis**

72-2F11-R41-SB4 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Barium	32.0	27.0	1.10	16.9	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Beryllium	0.440	0.350	0.110	22.8	NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Cadmium	0.130	0.0920	0.110	34.2	NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Calcium	8400	5200	11.0	47.1	Out	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Chromium	13.0	11.0	0.230	16.7	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Cobalt	11.0	8.50	0.0560	25.6	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Copper	19.0	15.0	0.230	23.5	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Iron	25000	22000	5.60	12.8	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Lead	13.0	9.30	0.110	33.2	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Magnesium	5300	4200	11.0	23.2	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Manganese	380	260	0.560	37.5	Out	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Nickel	23.0	19.0	0.110	19.0	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Potassium	1600	1400	11.0	13.3	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Selenium	0.460	0.400	0.560	14.0	NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Silver	0.0300	0.0220	0.110	30.8	NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Sodium	72.0	63.0	11.0	13.3	OK	NA
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Thallium	0.140	0.100	0.110	33.3	NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Vanadium	15.0	13.0	0.110	14.3	OK	NA

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Location Analysis

72-2F11-R41-SB4 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Zinc	52.0	44.0	0.560	16.7	OK	NA

Location Analysis

72-2F11-R41-SB4 SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Mercury	ND	ND	0.130		NA	OK

Location Analysis

72-2F11-R41-SB4 SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzene	ND	ND	6.00		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Ethylbenzene	ND	ND	6.00		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	tert-Butyl Methyl Ether (MTBE)	ND	ND	6.00		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Toluene	4.30	2.60	6.00	49.3	NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Xylenes, Total	ND	ND	12.0		NA	OK

Location Analysis

72-2F11-R41-SB4 SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	1,2,4-Trichlorobenzene	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	1,2-Dichlorobenzene	ND	ND	58.0		NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	1,3-Dichlorobenzene	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	1,4-Dichlorobenzene	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2,4,5-Trichlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2,4,6-Trichlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2,4-Dichlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2,4-Dimethylphenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2,4-Dinitrophenol	ND	ND	390		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2,4-Dinitrotoluene	ND	ND	230		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2,6-Dinitrotoluene	ND	ND	230		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2-Chloronaphthalene	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2-Chlorophenol	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2-Methylnaphthalene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2-Methylphenol (o-Cresol)	ND	ND	230		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2-Nitroaniline	ND	ND	230		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	2-Nitrophenol	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	3,3'-Dichlorobenzidine	ND	ND	120		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	3-Nitroaniline	ND	ND	230		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	4,6-Dinitro-2-Methylphenol	ND	ND	180		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	4-Bromophenyl phenyl ether	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	4-Chloro-3-Methylphenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	4-Chloroaniline	ND	ND	180		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	4-Chlorophenyl Phenyl Ether	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	4-Nitroaniline	ND	ND	230		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	4-Nitrophenol	ND	ND	390		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Acenaphthene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Acenaphthylene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Anthracene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzo(a)anthracene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzo(a)pyrene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzo(b)fluoranthene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzo(g,h,i)perylene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzo(k)fluoranthene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzoic acid	ND	ND	770		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzyl alcohol	ND	ND	390		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Benzyl butyl phthalate	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	bis(2-Chloroethoxy) Methane	ND	ND	120		NA	OK

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Ravenna Army Ammunition Plant

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SW8270C

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Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	120		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	bis(2-Chloroisopropyl) Ether	ND	ND	120		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	bis(2-Ethylhexyl) Phthalate	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Carbazole	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Chrysene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Cresols, m & p	ND	ND	470		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Di-n-Butyl Phthalate	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Di-n-Octylphthalate	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Dibenz(a,h)anthracene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Dibenzofuran	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Diethyl Phthalate	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Dimethyl Phthalate	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Fluoranthene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Fluorene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Hexachlorobenzene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Hexachlorobutadiene	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Hexachlorocyclopentadiene	ND	ND	390		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Hexachloroethane	ND	ND	58.0		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Indeno(1,2,3-c,d)pyrene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Isophorone	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	n-Nitrosodi-n-propylamine	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	n-Nitrosodiphenylamine	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Naphthalene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Nitrobenzene	ND	ND	120		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Pentachlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Phenanthrene	ND	ND	7.80		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Phenol	ND	ND	58.0		NA	OK
Dec 10 2012	072SB-0085-0001-SO / 072SB-0086-0001-SO	240-18703-11 / 240-18703-12	Pyrene	ND	ND	7.80		NA	OK

Location**Analysis**

72-ASY-03-SB1

M8015D

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	C10-C20 Diesel Range Organics	17.0	20.0	20.0	16.2	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	C20-C34 Motor Oil Range Organics	30.0	27.0	20.0	10.5	NA	OK

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Location Analysis

72-ASY-03-SB1 M8015V

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Petroleum Hydrocarbons C6-C12	ND	ND	96.0		NA	OK

Location Analysis

72-ASY-03-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Aluminum	11000	9600	3.30	13.6	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Antimony	0.110	ND	0.220		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Arsenic	13.0	15.0	0.110	14.3	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Barium	27.0	23.0	1.10	16.0	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Beryllium	0.580	0.560	0.110	3.51	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Cadmium	0.150	0.150	0.110	0.00	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Calcium	7500	6300	11.0	17.4	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Chromium	16.0	14.0	0.220	13.3	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Cobalt	11.0	9.90	0.0550	10.5	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Copper	18.0	16.0	0.220	11.8	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Iron	26000	25000	5.50	3.92	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Lead	11.0	9.10	0.110	18.9	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Magnesium	6000	5200	11.0	14.3	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Manganese	290	280	0.550	3.51	OK	NA

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72-ASY-03-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Nickel	26.0	24.0	0.110	8.00	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Potassium	2300	1800	11.0	24.4	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Selenium	0.280	0.710	0.550	86.9	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Silver	0.0360	0.0310	0.110	14.9	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Sodium	97.0	78.0	11.0	21.7	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Thallium	0.150	0.110	0.110	30.8	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Vanadium	18.0	14.0	0.110	25.0	OK	NA
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Zinc	54.0	67.0	0.550	21.5	OK	NA

Location Analysis

72-ASY-03-SB1 SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Mercury	ND	ND	0.140		NA	OK

Location Analysis

72-ASY-03-SB1 SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzene	ND	ND	5.20		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Ethylbenzene	ND	ND	5.20		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	tert-Butyl Methyl Ether (MTBE)	ND	ND	5.20		NA	OK

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Location**Analysis**

72-ASY-03-SB1

SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Toluene	ND	ND	5.20		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Xylenes, Total	ND	ND	10.0		NA	OK

Location**Analysis**

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	1,2,4-Trichlorobenzene	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	1,2-Dichlorobenzene	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	1,3-Dichlorobenzene	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	1,4-Dichlorobenzene	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2,4,5-Trichlorophenol	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2,4,6-Trichlorophenol	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2,4-Dichlorophenol	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2,4-Dimethylphenol	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2,4-Dinitrophenol	ND	ND	400		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2,4-Dinitrotoluene	ND	ND	240		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2,6-Dinitrotoluene	ND	ND	240		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2-Chloronaphthalene	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2-Chlorophenol	ND	ND	60.0		NA	OK

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Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2-Methylnaphthalene	13.0	27.0	8.00	70.0	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2-Methylphenol (o-Cresol)	ND	ND	240		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2-Nitroaniline	ND	ND	240		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	2-Nitrophenol	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	3,3'-Dichlorobenzidine	ND	ND	120		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	3-Nitroaniline	ND	ND	240		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	4,6-Dinitro-2-Methylphenol	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	4-Bromophenyl phenyl ether	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	4-Chloro-3-Methylphenol	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	4-Chloroaniline	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	4-Chlorophenyl Phenyl Ether	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	4-Nitroaniline	ND	ND	240		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	4-Nitrophenol	ND	ND	400		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Acenaphthene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Acenaphthylene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Anthracene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzo(a)anthracene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzo(a)pyrene	ND	13.0	8.00		NA	OK

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Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzo(b)fluoranthene	4.90	7.80	8.00	45.7	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzo(g,h,i)perylene	11.0	17.0	8.00	42.9	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzo(k)fluoranthene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzoic acid	ND	ND	790		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzyl alcohol	ND	ND	400		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Benzyl butyl phthalate	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	bis(2-Chloroethoxy) Methane	ND	ND	120		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	120		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	bis(2-Chloroisopropyl) Ether	ND	ND	120		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	bis(2-Ethylhexyl) Phthalate	43.0	30.0	60.0	35.6	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Carbazole	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Chrysene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Cresols, m & p	ND	ND	480		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Di-n-Butyl Phthalate	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Di-n-Octylphthalate	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Dibenz(a,h)anthracene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Dibenzofuran	8.40	20.0	60.0	81.7	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Diethyl Phthalate	ND	ND	60.0		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Dimethyl Phthalate	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Fluoranthene	6.40	6.50	8.00	1.55	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Fluorene	ND	7.20	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Hexachlorobenzene	ND	ND	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Hexachlorobutadiene	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Hexachlorocyclopentadiene	ND	ND	400		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Hexachloroethane	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Indeno(1,2,3-c,d)pyrene	ND	9.80	8.00		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Isophorone	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	n-Nitrosodi-n-propylamine	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	n-Nitrosodiphenylamine	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Naphthalene	7.00	9.80	8.00	33.3	NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Nitrobenzene	ND	ND	120		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Pentachlorophenol	ND	ND	180		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Phenanthrene	13.0	32.0	8.00	84.4	NA	19
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Phenol	ND	ND	60.0		NA	OK
Dec 5 2012	072SB-0035-0001-SO / 072SB-0036-0001-SO	240-18449-2 / 240-18449-3	Pyrene	10.0	10.0	8.00	0.00	NA	OK

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Ravenna Army Ammunition Plant

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Location Analysis

72-BM-RV46-SB1 M8015D

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	C10-C20 Diesel Range Organics	ND	ND	18.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	C10-C20 Diesel Range Organics	ND	ND	19.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	C20-C34 Motor Oil Range Organics	ND	ND	18.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	C20-C34 Motor Oil Range Organics	ND	ND	19.0		NA	OK

Location Analysis

72-BM-RV46-SB1 M8015V

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Petroleum Hydrocarbons C6-C12	ND	ND	88.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Petroleum Hydrocarbons C6-C12	ND	ND	92.0		NA	OK

Location Analysis

72-BM-RV46-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Aluminum	5100	5500	2.70	7.55	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Aluminum	5400	5500	3.10	1.83	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Antimony	0.0730	0.0610	0.180	17.9	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Antimony	0.0690	0.0610	0.210	12.3	NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Arsenic	10.0	10.0	0.0920	0.00	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Arsenic	11.0	10.0	0.100	9.52	OK	NA

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72-BM-RV46-SB1

SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Barium	21.0	23.0	0.920	9.09	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Barium	21.0	23.0	1.00	9.09	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Beryllium	0.380	0.380	0.0920	0.00	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Beryllium	0.400	0.380	0.100	5.13	NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Cadmium	0.140	0.190	0.0920	30.3	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Cadmium	0.150	0.190	0.100	23.5	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Calcium	1200	1100	10.0	8.70	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Calcium	1800	1100	9.20	48.3	Out	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Chromium	8.90	9.00	0.180	1.12	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Chromium	9.20	9.00	0.210	2.20	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Cobalt	7.00	7.60	0.0460	8.22	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Cobalt	7.70	7.60	0.0520	1.31	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Copper	15.0	14.0	0.180	6.90	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Copper	15.0	14.0	0.210	6.90	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Iron	18000	18000	4.60	0.00	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Iron	17000	18000	5.20	5.71	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Lead	8.90	9.70	0.0920	8.60	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Lead	11.0	9.70	0.100	12.6	OK	NA

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Ravenna Army Ammunition Plant
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72-BM-RV46-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Magnesium	1600	1700	10.0	6.06	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Magnesium	2000	1700	9.20	16.2	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Manganese	220	420	0.460	62.5	Out	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Manganese	270	420	0.520	43.5	Out	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Nickel	15.0	19.0	0.0920	23.5	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Nickel	16.0	19.0	0.100	17.1	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Potassium	950	960	10.0	1.05	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Potassium	890	960	9.20	7.57	OK	NA
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Selenium	0.200	0.210	0.460	4.88	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Selenium	0.380	0.210	0.520	57.6	NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Silver	0.0240	0.0280	0.0920	15.4	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Silver	0.0240	0.0280	0.100	15.4	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Sodium	32.0	27.0	10.0	16.9	NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Sodium	27.0	27.0	9.20	0.00	NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Thallium	0.0890	0.130	0.0920	37.4	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Thallium	0.120	0.130	0.100	8.00	NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Vanadium	9.30	9.60	0.0920	3.17	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Vanadium	9.80	9.60	0.100	2.06	OK	NA

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Location Analysis

72-BM-RV46-SB1 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Zinc	59.0	52.0	0.460	12.6	OK	NA
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Zinc	59.0	52.0	0.520	12.6	OK	NA

Location Analysis

72-BM-RV46-SB1 SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Mercury	0.0220	0.0240	0.110	8.70	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Mercury	0.0170	0.0240	0.120	34.1	NA	OK

Location Analysis

72-BM-RV46-SB1 SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzene	ND	ND	4.90		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzene	ND	ND	5.80		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Ethylbenzene	ND	ND	4.90		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Ethylbenzene	ND	ND	5.80		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	tert-Butyl Methyl Ether (MTBE)	ND	ND	4.90		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	tert-Butyl Methyl Ether (MTBE)	ND	ND	5.80		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Toluene	3.10	0.940	4.90	107	NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Toluene	ND	0.940	5.80		NA	OK

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Location**Analysis**

72-BM-RV46-SB1

SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Xylenes, Total	ND	ND	12.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Xylenes, Total	ND	ND	9.90		NA	OK

Location**Analysis**

72-BM-RV46-SB1

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	1,2,4-Trichlorobenzene	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	1,2,4-Trichlorobenzene	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	1,2-Dichlorobenzene	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	1,2-Dichlorobenzene	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	1,3-Dichlorobenzene	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	1,3-Dichlorobenzene	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	1,4-Dichlorobenzene	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	1,4-Dichlorobenzene	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2,4,5-Trichlorophenol	ND	ND	160		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2,4,5-Trichlorophenol	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2,4,6-Trichlorophenol	ND	ND	160		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2,4,6-Trichlorophenol	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2,4-Dichlorophenol	ND	ND	160		NA	OK

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Ravenna Army Ammunition Plant

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72-BM-RV46-SB1

Analysis

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2,4-Dichlorophenol	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2,4-Dimethylphenol	ND	ND	160		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2,4-Dimethylphenol	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2,4-Dinitrophenol	ND	ND	360		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2,4-Dinitrophenol	ND	ND	370		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2,4-Dinitrotoluene	ND	ND	220		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2,4-Dinitrotoluene	ND	ND	230		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2,6-Dinitrotoluene	ND	ND	220		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2,6-Dinitrotoluene	ND	ND	230		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2-Chloronaphthalene	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2-Chloronaphthalene	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2-Chlorophenol	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2-Chlorophenol	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2-Methylnaphthalene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2-Methylnaphthalene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2-Methylphenol (o-Cresol)	ND	ND	220		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2-Methylphenol (o-Cresol)	ND	ND	230		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2-Nitroaniline	ND	ND	220		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2-Nitroaniline	ND	ND	230		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	2-Nitrophenol	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	2-Nitrophenol	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	3,3'-Dichlorobenzidine	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	3,3'-Dichlorobenzidine	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	3-Nitroaniline	ND	ND	220		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	3-Nitroaniline	ND	ND	230		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	4,6-Dinitro-2-Methylphenol	ND	ND	160		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	4,6-Dinitro-2-Methylphenol	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	4-Bromophenyl phenyl ether	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	4-Bromophenyl phenyl ether	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	4-Chloro-3-Methylphenol	ND	ND	160		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	4-Chloro-3-Methylphenol	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	4-Chloroaniline	ND	ND	160		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	4-Chloroaniline	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	4-Chlorophenyl Phenyl Ether	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	4-Chlorophenyl Phenyl Ether	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	4-Nitroaniline	ND	ND	220		NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	4-Nitroaniline	ND	ND	230		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	4-Nitrophenol	ND	ND	360		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	4-Nitrophenol	ND	ND	370		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Acenaphthene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Acenaphthene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Acenaphthylene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Acenaphthylene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Anthracene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Anthracene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzo(a)anthracene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzo(a)anthracene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzo(a)pyrene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzo(a)pyrene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzo(b)fluoranthene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzo(b)fluoranthene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzo(g,h,i)perylene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzo(g,h,i)perylene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzo(k)fluoranthene	ND	ND	7.30		NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzo(k)fluoranthene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzoic acid	ND	ND	720		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzoic acid	ND	ND	750		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzyl alcohol	ND	ND	360		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzyl alcohol	ND	ND	370		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Benzyl butyl phthalate	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Benzyl butyl phthalate	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	bis(2-Chloroethoxy) Methane	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	bis(2-Chloroethoxy) Methane	ND	ND	110		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	110		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	bis(2-Chloroisopropyl) Ether	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	bis(2-Chloroisopropyl) Ether	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	bis(2-Ethylhexyl) Phthalate	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	bis(2-Ethylhexyl) Phthalate	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Carbazole	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Carbazole	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Chrysene	ND	ND	7.30		NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Chrysene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Cresols, m & p	ND	ND	440		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Cresols, m & p	ND	ND	450		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Di-n-Butyl Phthalate	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Di-n-Butyl Phthalate	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Di-n-Octylphthalate	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Di-n-Octylphthalate	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Dibenz(a,h)anthracene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Dibenz(a,h)anthracene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Dibenzofuran	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Dibenzofuran	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Diethyl Phthalate	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Diethyl Phthalate	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Dimethyl Phthalate	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Dimethyl Phthalate	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Fluoranthene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Fluoranthene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Fluorene	ND	ND	7.30		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Fluorene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Hexachlorobenzene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Hexachlorobenzene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Hexachlorobutadiene	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Hexachlorobutadiene	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Hexachlorocyclopentadiene	ND	ND	360		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Hexachlorocyclopentadiene	ND	ND	370		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Hexachloroethane	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Hexachloroethane	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Indeno(1,2,3-c,d)pyrene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Indeno(1,2,3-c,d)pyrene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Isophorone	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Isophorone	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	n-Nitrosodi-n-propylamine	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	n-Nitrosodi-n-propylamine	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	n-Nitrosodiphenylamine	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	n-Nitrosodiphenylamine	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Naphthalene	ND	ND	7.30		NA	OK

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SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Naphthalene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Nitrobenzene	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Nitrobenzene	ND	ND	110		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Pentachlorophenol	ND	ND	160		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Pentachlorophenol	ND	ND	170		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Phenanthrene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Phenanthrene	ND	ND	7.60		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Phenol	ND	ND	55.0		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Phenol	ND	ND	57.0		NA	OK
Dec 6 2012	072SB-0068-0001-SO / 072SB-0064-0001-SO	240-18544-6 / 240-18544-2	Pyrene	ND	ND	7.30		NA	OK
Dec 6 2012	072SB-0063-0001-SO / 072SB-0064-0001-SO	240-18544-1 / 240-18544-2	Pyrene	ND	ND	7.60		NA	OK

Location**Analysis**

72-FS-01-SB2

M8015D

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	C10-C20 Diesel Range Organics	ND	ND	20.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	C20-C34 Motor Oil Range Organics	ND	ND	20.0		NA	OK

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Location**Analysis**

72-FS-01-SB2

M8015V

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Petroleum Hydrocarbons C6-C12	70.0	2200	94.0	188	NA	2130
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Petroleum Hydrocarbons C6-C12	70.0	2900	94.0	191	NA	2830

Location**Analysis**

72-FS-01-SB2

SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Aluminum	12000	11000	3.30	8.70	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Antimony	ND	ND	0.220		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Arsenic	14.0	15.0	0.110	6.90	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Barium	56.0	95.0	1.10	51.7	Out	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Beryllium	0.550	0.560	0.110	1.80	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Cadmium	0.180	0.220	0.110	20.0	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Calcium	1300	1400	11.0	7.41	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Chromium	14.0	13.0	0.220	7.41	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Cobalt	9.20	15.0	0.0550	47.9	Out	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Copper	14.0	9.90	0.220	34.3	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Iron	24000	24000	5.50	0.00	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Lead	20.0	19.0	0.110	5.13	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Magnesium	2600	2000	11.0	26.1	OK	NA

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location Analysis

72-FS-01-SB2 SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Manganese	330	1700	0.550	135	Out	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Nickel	19.0	15.0	0.110	23.5	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Potassium	1200	820	11.0	37.6	Out	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Selenium	0.560	0.700	0.550	22.2	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Silver	0.0370	0.0450	0.110	19.5	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Sodium	45.0	36.0	11.0	22.2	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Thallium	0.150	0.160	0.110	6.45	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Vanadium	19.0	21.0	0.110	10.0	OK	NA
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Zinc	52.0	45.0	0.550	14.4	OK	NA

Location Analysis

72-FS-01-SB2 SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Mercury	ND	ND	0.140		NA	OK

Location Analysis

72-FS-01-SB2 SW8151

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4 DB	ND	ND	95.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4,5-T (Trichlorophenoxyacetic Acid)	ND	ND	24.0		NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location**Analysis**

72-FS-01-SB2

SW8151

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4-D (Dichlorophenoxyacetic Acid)	ND	ND	95.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Dalapon	ND	ND	48.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Dicamba	ND	ND	48.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Dichloroprop	ND	ND	95.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Dinoseb	ND	ND	14.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	MCPA	ND	ND	9500		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	MCPP	ND	ND	9500		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Pentachlorophenol	ND	ND	12.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Silvex (2,4,5-TP)	ND	ND	24.0		NA	OK

Location**Analysis**

72-FS-01-SB2

SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzene	9.90	1.80	4.00	138	NA	8.1
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Ethylbenzene	22.0	0.710	4.00	187	NA	21.29
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	tert-Butyl Methyl Ether (MTBE)	ND	ND	4.00		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Toluene	52.0	6.70	4.00	154	NA	45.3
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Xylenes, Total	150	5.40	8.00	186	NA	144.6

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location**Analysis**

72-FS-01-SB2

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	1,2,4-Trichlorobenzene	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	1,2-Dichlorobenzene	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	1,3-Dichlorobenzene	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	1,4-Dichlorobenzene	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4,5-Trichlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4,6-Trichlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4-Dichlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4-Dimethylphenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4-Dinitrophenol	ND	ND	390		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,4-Dinitrotoluene	ND	ND	240		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2,6-Dinitrotoluene	ND	ND	240		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2-Chloronaphthalene	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2-Chlorophenol	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2-Methylnaphthalene	ND	ND	7.90		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2-Methylphenol (o-Cresol)	ND	ND	240		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2-Nitroaniline	ND	ND	240		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	2-Nitrophenol	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	3,3'-Dichlorobenzidine	ND	ND	120		NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location

72-FS-01-SB2

Analysis

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	3-Nitroaniline	ND	ND	240		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	4,6-Dinitro-2-Methylphenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	4-Bromophenyl phenyl ether	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	4-Chloro-3-Methylphenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	4-Chloroaniline	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	4-Chlorophenyl Phenyl Ether	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	4-Nitroaniline	ND	ND	240		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	4-Nitrophenol	ND	ND	390		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Acenaphthene	ND	ND	7.90		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Acenaphthylene	7.60	ND	7.90		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Anthracene	5.80	4.80	7.90	18.9	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzo(a)anthracene	55.0	24.0	7.90	78.5	NA	31
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzo(a)pyrene	40.0	16.0	7.90	85.7	NA	24
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzo(b)fluoranthene	65.0	22.0	7.90	98.9	NA	43
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzo(g,h,i)perylene	34.0	20.0	7.90	51.9	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzo(k)fluoranthene	22.0	8.90	7.90	84.8	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzoic acid	ND	ND	780		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzyl alcohol	ND	ND	390		NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

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Location

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Analysis

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Benzyl butyl phthalate	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	bis(2-Chloroethoxy) Methane	ND	ND	120		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	120		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	bis(2-Chloroisopropyl) Ether	ND	ND	120		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	bis(2-Ethylhexyl) Phthalate	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Carbazole	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Chrysene	41.0	17.0	7.90	82.8	NA	24
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Cresols, m & p	ND	ND	480		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Di-n-Butyl Phthalate	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Di-n-Octylphthalate	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Dibenz(a,h)anthracene	ND	ND	7.90		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Dibenzofuran	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Diethyl Phthalate	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Dimethyl Phthalate	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Fluoranthene	96.0	34.0	7.90	95.4	NA	62
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Fluorene	ND	ND	7.90		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Hexachlorobenzene	ND	ND	7.90		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Hexachlorobutadiene	ND	ND	59.0		NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location

72-FS-01-SB2

Analysis

SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Hexachlorocyclopentadiene	ND	ND	390		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Hexachloroethane	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Indeno(1,2,3-c,d)pyrene	22.0	10.0	7.90	75.0	NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Isophorone	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	n-Nitrosodi-n-propylamine	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	n-Nitrosodiphenylamine	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Naphthalene	ND	ND	7.90		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Nitrobenzene	ND	ND	120		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Pentachlorophenol	ND	ND	180		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Phenanthrene	47.0	21.0	7.90	76.5	NA	26
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Phenol	ND	ND	59.0		NA	OK
Dec 10 2012	072SB-0076-0001-SO / 072SB-0077-0001-SO	240-18703-19 / 240-18703-20	Pyrene	77.0	26.0	7.90	99.0	NA	51

FD = Field Duplicate

RL = Reporting Limit

RPD = Relative Percent Difference

RL Check = If either the primary sample or field duplicate result is less than 5 times the RL then the criteria used to determine if the field duplicate is outside QC limits is +/- RL for Water and +/- 2 times RL for Soil

The RPD criteria used for organic analysis is: 50

The RPD criteria used for non-organic analysis is: 35

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ATTACHMENT A

Field Blank Quality Control Trip Blanks and Equipment Rinsate Blanks

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Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Volatile Organic Compounds by Capillary GC/MS		
1,1,1-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U	1.0 U
2-Butanone (MEK) (UG/L)	10.0 U	10.0 U
2-Hexanone (UG/L)	10.0 U	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U	10.0 U
Acetone (UG/L)	10.0 UJ	10.0 U
Benzene (UG/L)	1.0 U	1.0 U
Bromochloromethane (UG/L)	1.0 U	1.0 U
Bromodichloromethane (UG/L)	1.0 U	1.0 U
Bromoform (UG/L)	1.0 U	1.0 U
Bromomethane (UG/L)	1.0 U	1.0 U
Carbon Disulfide (UG/L)	1.0 U	1.0 U
Carbon Tetrachloride (UG/L)	1.0 U	1.0 U
Chlorobenzene (UG/L)	1.0 U	1.0 U
Chloroethane (UG/L)	1.0 U	1.0 U
Chloroform (UG/L)	0.61 J	0.58 J
Chloromethane (UG/L)	1.0 U	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Dibromochloromethane (UG/L)	1.0 U	1.0 U
Ethylbenzene (UG/L)	1.0 U	1.0 U
Methylene Chloride (UG/L)	1.0 U	1.0 U

Equipment Blank
Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Styrene (UG/L)	1.0 UJ	1.0 U
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U	1.0 U
Toluene (UG/L)	1.0 U	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U	1.0 U
Vinyl Chloride (UG/L)	1.0 U	1.0 U
Xylenes, Total (UG/L)	2.0 U	2.0 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Semivolatile Organic Compounds by Capillary GC/MS		
1,2,4-Trichlorobenzene (UG/L)	0.97 U	0.95 U
1,2-Dichlorobenzene (UG/L)	0.97 U	0.95 U
1,3-Dichlorobenzene (UG/L)	0.97 U	0.95 U
1,4-Dichlorobenzene (UG/L)	0.97 U	0.95 U
2,4,5-Trichlorophenol (UG/L)	4.9 U	4.8 U
2,4,6-Trichlorophenol (UG/L)	4.9 U	4.8 U
2,4-Dichlorophenol (UG/L)	1.9 U	1.9 U
2,4-Dimethylphenol (UG/L)	1.9 U	1.9 U
2,4-Dinitrophenol (UG/L)	4.9 U	4.8 U
2,4-Dinitrotoluene (UG/L)	4.9 U	4.8 U
2,6-Dinitrotoluene (UG/L)	4.9 U	4.8 U
2-Chloronaphthalene (UG/L)	0.97 U	0.95 U
2-Chlorophenol (UG/L)	0.97 U	0.95 U
2-Methylnaphthalene (UG/L)	0.19 U	0.19 U
2-Methylphenol (o-Cresol) (UG/L)	0.97 U	0.95 U
2-Nitroaniline (UG/L)	1.9 U	1.9 U
2-Nitrophenol (UG/L)	1.9 U	1.9 U
3,3'-Dichlorobenzidine (UG/L)	4.9 UJ	4.8 U
3-Nitroaniline (UG/L)	1.9 U	1.9 U
4,6-Dinitro-2-Methylphenol (UG/L)	4.9 U	4.8 U
4-Bromophenyl phenyl ether (UG/L)	1.9 U	1.9 U
4-Chloro-3-Methylphenol (UG/L)	1.9 U	1.9 U
4-Chloroaniline (UG/L)	1.9 U	1.9 U
4-Chlorophenyl Phenyl Ether (UG/L)	1.9 U	1.9 U
4-Nitroaniline (UG/L)	1.9 U	1.9 U
4-Nitrophenol (UG/L)	4.9 U	4.8 UJ
Acenaphthene (UG/L)	0.19 U	0.19 U
Acenaphthylene (UG/L)	0.19 U	0.19 U
Anthracene (UG/L)	0.19 U	0.19 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Benzo(a)anthracene (UG/L)	0.19 U	0.19 U
Benzo(a)pyrene (UG/L)	0.19 U	0.19 U
Benzo(b)fluoranthene (UG/L)	0.19 U	0.19 U
Benzo(g,h,i)perylene (UG/L)	0.19 U	0.19 U
Benzo(k)fluoranthene (UG/L)	0.19 U	0.19 U
Benzoic acid (UG/L)	24.0 U	24.0 U
Benzyl alcohol (UG/L)	4.9 U	4.8 U
Benzyl butyl phthalate (UG/L)	0.97 U	0.95 U
bis(2-Chloroethoxy) Methane (UG/L)	0.97 U	0.95 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) (UG/L)	0.97 U	0.95 U
bis(2-Chloroisopropyl) Ether (UG/L)	0.97 U	0.95 U
bis(2-Ethylhexyl) Phthalate (UG/L)	1.9 U	1.9 U
Carbazole (UG/L)	0.97 U	0.95 U
Chrysene (UG/L)	0.19 U	0.19 U
Cresols, m & p (UG/L)	1.9 U	1.9 U
Dibenz(a,h)anthracene (UG/L)	0.19 U	0.19 U
Dibenzofuran (UG/L)	0.97 U	0.95 U
Diethyl Phthalate (UG/L)	0.97 U	0.95 U
Dimethyl Phthalate (UG/L)	0.97 U	0.95 U
Di-n-Butyl Phthalate (UG/L)	0.97 U	0.95 U
Di-n-Octylphthalate (UG/L)	0.97 U	0.95 U
Fluoranthene (UG/L)	0.19 U	0.19 U
Fluorene (UG/L)	0.19 U	0.19 U
Hexachlorobenzene (UG/L)	0.19 U	0.19 U
Hexachlorobutadiene (UG/L)	0.97 U	0.95 U
Hexachlorocyclopentadiene (UG/L)	9.7 U	9.5 U
Hexachloroethane (UG/L)	0.97 U	0.95 U
Indeno(1,2,3-c,d)pyrene (UG/L)	0.19 U	0.19 U
Isophorone (UG/L)	0.97 U	0.95 U
Naphthalene (UG/L)	0.19 U	0.19 U
Nitrobenzene (UG/L)	0.97 U	0.95 U
n-Nitrosodi-n-propylamine (UG/L)	0.97 U	0.95 U
n-Nitrosodiphenylamine (UG/L)	0.97 U	0.95 U
Pentachlorophenol (UG/L)	4.9 U	4.8 U
Phenanthrene (UG/L)	0.19 U	0.19 U
Phenol (UG/L)	0.97 U	0.95 U
Pyrene (UG/L)	0.19 U	0.19 U

**Equipment Blank
Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Polychlorinated Biphenyls (PCB)		
PCB-1016 (Arochlor 1016) (UG/L)	0.48 U	0.48 U
PCB-1221 (Arochlor 1221) (UG/L)	0.48 U	0.48 U
PCB-1232 (Arochlor 1232) (UG/L)	0.48 U	0.48 U
PCB-1242 (Arochlor 1242) (UG/L)	0.48 U	0.48 U
PCB-1248 (Arochlor 1248) (UG/L)	0.48 U	0.48 U
PCB-1254 (Arochlor 1254) (UG/L)	0.48 U	0.48 U
PCB-1260 (Arochlor 1260) (UG/L)	0.48 U	0.48 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012

Organochlorine Pesticides and PCBs by Capillary GC

Aldrin (UG/L)	0.048 U	0.048 U
alpha-BHC (alpha-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
alpha-Chlordane (UG/L)	0.048 U	0.048 U
alpha-Endosulfan (UG/L)	0.048 U	0.048 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
beta-Endosulfan (UG/L)	0.048 U	0.048 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
Dieldrin (UG/L)	0.048 U	0.048 U
Endosulfan Sulfate (UG/L)	0.048 U	0.048 U
Endrin (UG/L)	0.048 U	0.048 U
Endrin Aldehyde (UG/L)	0.048 U	0.048 U
Endrin Ketone (UG/L)	0.048 U	0.048 U
gamma-BHC (Lindane) (UG/L)	0.048 U	0.048 U
gamma-Chlordane (UG/L)	0.048 U	0.048 U
Heptachlor (UG/L)	0.048 U	0.048 U
Heptachlor Epoxide (UG/L)	0.048 U	0.048 U
Methoxychlor (UG/L)	0.096 U	0.095 U
p,p'-DDD (UG/L)	0.048 U	0.048 U
p,p'-DDE (UG/L)	0.048 U	0.048 U
p,p'-DDT (UG/L)	0.048 U	0.048 U
Toxaphene (UG/L)	1.9 U	1.9 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization: Capillary Column Technique		
2,4 DB (UG/L)	4.0 U	4.0 U
2,4,5-T (Trichlorophenoxyacetic Acid) (UG/L)	1.0 U	1.0 U
2,4-D (Dichlorophenoxyacetic Acid) (UG/L)	4.0 U	4.0 U
Dalapon (UG/L)	2.0 U	2.0 U
Dicamba (UG/L)	2.0 U	2.0 U
Dichloroprop (UG/L)	4.0 U	4.0 U
Dinoseb (UG/L)	0.60 U	0.60 U
MCPA (UG/L)	400 UJ	400 UJ
MCPP (UG/L)	400 U	400 UJ
Pentachlorophenol (UG/L)	0.10 U	0.10 U
Silvex (2,4,5-TP) (UG/L)	1.0 U	1.0 U

Equipment Blank
Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Modified SW8015 for the Determination of Diesel Range Organics in Soil and Water, GC/FID		
C10-C20 Diesel Range Organics (UG/L)	-	480 U
C20-C34 Motor Oil Range Organics (UG/L)	-	480 U

Equipment Blank
Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID		
Petroleum Hydrocarbons C6-C12 (UG/L)	33.0 J	100 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry		
Aluminum (UG/L)	60.0 U	30.0 U
Antimony (UG/L)	0.34 J	2.0 U
Arsenic (UG/L)	5.0 U	1.0 U
Barium (UG/L)	5.0 U	0.43 J
Beryllium (UG/L)	1.0 U	1.0 U
Cadmium (UG/L)	2.0 U	1.0 U
Calcium (UG/L)	2000 U	82.0 J
Chromium (UG/L)	0.60 J	0.76 J
Cobalt (UG/L)	1.0 U	0.036 J
Copper (UG/L)	4.0 U	2.0 U
Iron (UG/L)	150 U	50.0 U
Lead (UG/L)	1.0 U	1.0 U
Magnesium (UG/L)	1000 U	100 U
Manganese (UG/L)	3.5 J	1.9 J
Nickel (UG/L)	20.0	0.47 J
Potassium (UG/L)	1000 U	100 U
Selenium (UG/L)	5.0 U	5.0 U
Silver (UG/L)	1.0 U	1.0 U
Sodium (UG/L)	1000 U	150
Thallium (UG/L)	0.75 J	0.25 J
Vanadium (UG/L)	5.0 U	1.0 U
Zinc (UG/L)	10.0 J	1.1 J

Equipment Blank
Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Mercury in Water (Manual Cold-Vapor Technique)		
Mercury (UG/L)	0.20 U	0.20 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Nitroaromatics and Nitramines by HPLC		
1,3,5-Trinitrobenzene (UG/L)	0.10 U	0.10 U
1,3-Dinitrobenzene (UG/L)	0.10 U	0.10 U
2,4,6-Trinitrotoluene (UG/L)	0.10 U	0.10 U
2,4-Dinitrotoluene (UG/L)	0.10 U	0.10 U
2,6-Dinitrotoluene (UG/L)	0.10 U	0.10 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.20 U	0.21 U
2-Nitrotoluene (UG/L)	0.50 U	0.51 U
3-Nitrotoluene (UG/L)	0.50 U	0.51 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.10 U	0.10 U
4-Nitrotoluene (UG/L)	0.50 U	0.51 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX) (UG/L)	0.10 U	0.10 U
Nitrobenzene (UG/L)	0.10 U	0.10 U
Nitroglycerin (UG/L)	0.65 U	0.67 U
NITROGUANIDINE (UG/L)	20.0 U	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	0.10 U	0.10 U
Pentaerythritol Tetranitrate (UG/L)	0.65 U	0.67 U
Tetryl (UG/L)	0.10 U	0.10 U

Equipment Blank
Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-1	ER-2
Field Sample ID:	076-0067-0001-ER	076-0140-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	12/11/2012
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)		
Nitrocellulose (MG/L)	2.0 U	2.0 UJ

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013

Volatile Organic Compounds by Capillary GC/MS

VOCs	Units
1,1,1-Trichloroethane	ug/L 0.50 U
1,1,2,2-Tetrachloroethane	ug/L 0.50 U
1,1,2-Trichloroethane	ug/L 1.0 U
1,1-Dichloroethane	ug/L 0.50 U
1,1-Dichloroethene	ug/L 0.50 U
1,2-Dibromoethane (EDB)	ug/L 0.50 U
1,2-Dichloroethane	ug/L 1.0 U
1,2-Dichloroethene	ug/L 0.50 U
1,2-Dichloropropane	ug/L 0.50 U
2-Butanone (MEK)	ug/L 5.0 U
2-Hexanone	ug/L 10 U
4-Methyl-2-pentanone (MIBK)	ug/L 10 U
Acetone	ug/L 10 U
Benzene	ug/L 0.50 U
Bromochloromethane	ug/L 0.50 U
Bromodichloromethane	ug/L 0.50 U
Bromoform	ug/L 0.50 U
Bromomethane	ug/L 1.0 U
Carbon Disulfide	ug/L 1.0 U
Carbon Tetrachloride	ug/L 0.50 U
Chlorobenzene	ug/L 0.50 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Chloroethane	ug/L	1.0 U
Chloroform	ug/L	0.37 J
Chloromethane	ug/L	1.0 U
cis-1,2-Dichloroethylene	ug/L	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U
Dibromochloromethane	ug/L	0.50 U
Ethylbenzene	ug/L	0.50 U
m,p-Xylene	ug/L	1.0 U
Methylene Chloride	ug/L	2.0 U
o-Xylene	ug/L	0.50 U
Styrene	ug/L	0.50 U
tert-Butyl Methyl Ether (MTBE)	ug/L	1.0 U
Tetrachloroethene (PCE)	ug/L	1.0 U
Toluene	ug/L	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U
Trichloroethene (TCE)	ug/L	0.50 U
Vinyl Chloride	ug/L	0.50 U
Xylenes, Total	ug/L	1.0 U

Notes:

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QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013

Semivolatile Organic Compounds by Capillary
GC/MS

	Units	
1,2,4-Trichlorobenzene	ug/L	1.0 UJ
1,2-Dichlorobenzene	ug/L	1.0 UJ
1,3-Dichlorobenzene	ug/L	1.0 UJ
1,4-Dichlorobenzene	ug/L	1.0 UJ
2,2'-Oxybis(1-chloro)propane	ug/L	1.0 UJ
2,4,5-Trichlorophenol	ug/L	5.1 UJ
2,4,6-Trichlorophenol	ug/L	5.1 UJ
2,4-Dichlorophenol	ug/L	5.1 UJ
2,4-Dimethylphenol	ug/L	5.1 UJ
2,4-Dinitrophenol	ug/L	6.1 UJ
2,4-Dinitrotoluene	ug/L	1.0 UJ
2,6-Dinitrotoluene	ug/L	1.0 UJ
2-Chloronaphthalene	ug/L	1.0 UJ
2-Chlorophenol	ug/L	5.1 UJ
2-Methylphenol (o-Cresol)	ug/L	5.1 UJ
2-Nitroaniline	ug/L	1.0 UJ
2-Nitrophenol	ug/L	5.1 UJ
3,3'-Dichlorobenzidine	ug/L	2.5 UJ
3-Nitroaniline	ug/L	1.0 UJ
4,6-Dinitro-2-Methylphenol	ug/L	6.1 UJ

Notes:

J = Detected, Estimated

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U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Armv Ammunition Plant

4-Bromophenyl phenyl ether	ug/L	1.0 UJ
4-Chloro-3-Methylphenol	ug/L	5.1 UJ
4-Chloroaniline	ug/L	1.0 UJ
4-Chlorophenyl Phenyl Ether	ug/L	1.0 UJ
4-Nitroaniline	ug/L	1.0 UJ
4-Nitrophenol	ug/L	5.1 UJ
Benzoic acid	ug/L	76 UJ
Benzyl alcohol	ug/L	3.0 UJ
Benzyl butyl phthalate	ug/L	3.0 UJ
bis(2-Chloroethoxy) Methane	ug/L	1.0 UJ
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/L	1.0 UJ
Carbazole	ug/L	1.0 UJ
Cresols, m & p	ug/L	9.1 UJ
Dibenzofuran	ug/L	1.0 UJ
Diethyl Phthalate	ug/L	3.0 UJ
Dimethyl Phthalate	ug/L	3.0 UJ
Di-n-Butyl Phthalate	ug/L	3.0 UJ
Di-n-Octylphthalate	ug/L	3.0 UJ
Hexachlorobenzene	ug/L	1.0 UJ
Hexachlorobutadiene	ug/L	1.0 UJ
Hexachlorocyclopentadiene	ug/L	1.2 UJ
Hexachloroethane	ug/L	1.2 UJ
Isophorone	ug/L	1.0 UJ
Nitrobenzene	ug/L	1.0 UJ
n-Nitrosodi-n-propylamine	ug/L	1.0 UJ
n-Nitrosodiphenylamine	ug/L	2.0 UJ
Pentachlorophenol	ug/L	5.1 UJ
Phenol	ug/L	5.1 UJ

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013

PAHs (SIM)

	Units	
2-Methylnaphthalene	ug/L	0.076 U
Acenaphthene	ug/L	0.076 U
Acenaphthylene	ug/L	0.076 U
Anthracene	ug/L	0.076 U
Benzo(a)anthracene	ug/L	0.076 U
Benzo(a)pyrene	ug/L	0.076 U
Benzo(b)fluoranthene	ug/L	0.076 U
Benzo(g,h,i)perylene	ug/L	0.076 U
Benzo(k)fluoranthene	ug/L	0.076 U
Chrysene	ug/L	0.076 U
Dibenz(a,h)anthracene	ug/L	0.076 U
Fluoranthene	ug/L	0.076 U
Fluorene	ug/L	0.076 U
Indeno(1,2,3-c,d)pyrene	ug/L	0.076 U
Naphthalene	ug/L	0.076 U
Phenanthrene	ug/L	0.076 U
Pyrene	ug/L	0.076 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013
Polychlorinated Biphenyls (PCB)	
	Units
PCB-1016 (Arochlor 1016)	ug/L 1.0 U
PCB-1221 (Arochlor 1221)	ug/L 1.0 U
PCB-1232 (Arochlor 1232)	ug/L 1.0 U
PCB-1242 (Arochlor 1242)	ug/L 1.0 U
PCB-1248 (Arochlor 1248)	ug/L 1.0 U
PCB-1254 (Arochlor 1254)	ug/L 1.0 U
PCB-1260 (Arochlor 1260)	ug/L 1.0 U
PCB-1262 (Arochlor 1262)	ug/L 1.0 U
PCB-1268 (Arochlor 1268)	ug/L 1.0 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Armv Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013
Organochlorine Pesticides	Units
Aldrin	ug/L 0.024 U
alpha-BHC (alpha-Hexachlorocyclohexane)	ug/L 0.024 U
alpha-Chlordane	ug/L 0.040 U
alpha-Endosulfan	ug/L 0.040 U
beta-BHC (beta-Hexachlorocyclohexane)	ug/L 0.040 U
beta-Endosulfan	ug/L 0.024 U
delta-BHC (delta-Hexachlorocyclohexane)	ug/L 0.024 U
Dieldrin	ug/L 0.024 U
Endosulfan Sulfate	ug/L 0.024 U
Endrin	ug/L 0.024 U
Endrin Aldehyde	ug/L 0.040 U
Endrin Ketone	ug/L 0.024 U
gamma-BHC (Lindane)	ug/L 0.024 U
gamma-Chlordane	ug/L 0.024 U
Heptachlor	ug/L 0.024 U
Heptachlor Epoxide	ug/L 0.024 U
Methoxychlor	ug/L 0.040 U
p,p'-DDD	ug/L 0.024 U
p,p'-DDE	ug/L 0.040 U
p,p'-DDT	ug/L 0.024 U
Toxaphene	ug/L 0.60 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank
Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013
TPH-DRO	Units
Gasoline Components	ug/L 26 J

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013
ICP Metals	Units
Aluminum	ug/L 36 U
Antimony	ug/L 12 U
Arsenic	ug/L 24 U
Barium	ug/L 1.8 U
Beryllium	ug/L 0.60 U
Cadmium	ug/L 2.0 U
Calcium	ug/L 100 U
Chromium	ug/L 4.0 U
Cobalt	ug/L 4.0 U
Copper	ug/L 7.0 U
Iron	ug/L 100 U
Lead	ug/L 4.0 U
Magnesium	ug/L 40 U
Manganese	ug/L 4.0 U
Nickel	ug/L 6.0 U
Potassium	ug/L 500 U
Selenium	ug/L 13 U
Silver	ug/L 0.77 J
Sodium	ug/L 600 U
Thallium	ug/L 15 U
Vanadium	ug/L 5.0 U
Zinc	ug/L 10 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank
Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013
Units	
Mercury	ug/L 0.12 U

Notes:

J = Detected, Estimated

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U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013
Nitroaromatics and Nitramines by HPLC	
	Units
1,3,5-Trinitrobenzene	ug/L 0.80 U
1,3-Dinitrobenzene	ug/L 1.0 U
2,4,6-Trinitrotoluene	ug/L 1.0 U
2,4-Dinitrotoluene	ug/L 2.0 U
2,6-Dinitrotoluene	ug/L 1.0 U
2-Amino-4,6-dinitrotoluene	ug/L 1.0 U
2-Nitrotoluene	ug/L 2.0 U
3,5-Dinitroaniline	ug/L 1.0 U
3-Nitrotoluene	ug/L 0.80 U
4-Amino-2,6-Dinitrotoluene	ug/L 1.0 U
4-Nitrotoluene	ug/L 1.0 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	ug/L 1.0 U
Nitrobenzene	ug/L 0.80 U
Nitroglycerin	ug/L 8.0 U
Nitroguanidine	ug/L 120 UJ
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	ug/L 1.0 U
Pentaerythritol Tetranitrate	ug/L 12 U
Tetryl	ug/L 1.0 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4 all.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank

Chemistry Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Army Ammunition Plant

Locations:	ER-4
Field Sample ID:	083SB-0023-0001-ER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	8/15/2013

Nitrogen, Nitrate-Nitrite (Colorimetric Automated,
Cadmium Reduction)

Units		
Nitrocellulose	mg/L	1.1U

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Trip Blanks**Chemistry Results**

Ravenna Army Ammunition Plant

RVAAP, QAAP Oct. 2012

	QC TB-1	QC TB-3	QC TB-5
Field Sample ID:	070-0060-0001-TB	079-0008-0001-TB	076-0068-0001-TB
Lab Sample ID:	240-18735-7	240-21987-2	240-17796-21
Lab Name:	TAM0	TAM0	TAM0
Sample Date:	12/12/2012	3/14/2013	11/15/2012
Analysis Information:	1X	1X	1X

Volatile Organic Compounds by Capillary GC/MS				
	Units			
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.1 U	1.1 U	1.1 UJ
Benzene	µg/L	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 UJ	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.32 J	0.31 J	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	0.50 U
Styrene	µg/L	0.25 U	0.25 U	0.25 UJ
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blanks

Chemistry Results

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

	QC TB-6	QC TB-7	QC TB-8
Field Sample ID:	076-0141-0001-TB	076-0142-0001-TB	079-0318-0001-TB
Lab Sample ID:	240-18703-25	240-18703-26	240-22804-12
Lab Name:	TAM0	TAM0	TAM0
Sample Date:	12/11/2012	12/11/2012	4/3/2013
Analysis Information:	1X	1X	1X
Volatile Organic Compounds by Capillary GC/MS			
	Units		
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.60 J
2-Hexanone	µg/L	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.36 J	0.35 J
Acetone	µg/L	12	5.1 J
Benzene	µg/L	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	1.1
Styrene	µg/L	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blanks**Chemistry Results**

Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

	QC TB-2	QC TB-4	QC TB-6	QC TB-7
Field Sample ID:	070SB-0055-0001-TB	079-0009-0001-TB	076-0141-0001-TB	076-0142-0001-TB
Lab Sample ID:	240-18735-2	240-21987-3	240-18703-25	240-18703-26
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	12/12/2012	3/14/2013	12/11/2012	12/11/2012
Analysis Information:	1X	1X	1X	1X

**Modified SW8015 for the Determination
of Gasoline Range Organics in Soil and
Water, GC/FID**

Of Gasoline Range Organics in Soil and Water, GC/FID	Units				
Petroleum Hydrocarbons C6-C12	µg/L	37 J	50 U	27 J	50 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blank**Chemistry Results**

Ravenna Army Ammunition Plant
Quality Assurance Project Plan, Oct.
3, 2012

Site Name: Site 72

	TB-1	TB-2	TB-3	TB-4
Field Sample ID:	072SB-0006-0001-TB	072SB-0011-0001-TB	072SB-0020-0001-TB	072SB-0025-0001-TB
Lab Sample ID:	240-18297-14	240-18441-30	240-18297-23	240-18441-10
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	12/3/2012	12/4/2012	12/3/2012	12/4/2012
Analysis Information:	1X	1X	1X	1X

**Volatile Organic Compounds by
Capillary GC/MS**

	Units				
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.1 U	1.1 U	1.5 J	1.1 U
Benzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blank**Chemistry Results**

Ravenna Army Ammunition Plant
Quality Assurance Project Plan, Oct.
3, 2012

Site Name: Site 72

	TB-5	TB-6	TB-7	TB-8
Field Sample ID:	072SB-0033-0001-TB	072SB-0034-0001-TB	072SB-0042-0001-TB	072SB-0048-0001-TB
Lab Sample ID:	240-18441-18	240-18441-19	240-18449-9	240-18449-15
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	12/4/2012	12/4/2012	12/5/2012	12/5/2012
Analysis Information:	1X	1X	1X	1X

**Volatile Organic Compounds by
Capillary GC/MS**

	Units				
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.1 J	1.1 U	1.1 U	1.1 U
Benzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.75 J	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blank**Chemistry Results**

Ravenna Army Ammunition Plant
Quality Assurance Project Plan, Oct.
3, 2012

Site Name: Site 72

	TB-9	TB-10	TB-11	TB-12
Field Sample ID:	072SB-0055-0001-TB	072SB-0061-0001-TB	072SB-0069-0001-TB	070SB-0074-0001-TB
Lab Sample ID:	240-18449-22	240-18581-12	240-18544-9	240-18581-24
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	12/5/2012	12/7/2012	12/6/2012	12/7/2012
Analysis Information:	1X	1X	1X	1X

**Volatile Organic Compounds by
Capillary GC/MS**

	Units				
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.1 U	1.1 U	1.1 U	1.1 U
Benzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Styrene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blank**Chemistry Results**

Ravenna Army Ammunition Plant
Quality Assurance Project Plan, Oct.
3, 2012

Site Name: Site 72

	TB-13	TB-14	TB-15
Field Sample ID:	076SB-0116M-0001-TB	076SB-0117M-0001-TB	076SB-0118M-0001-TB
Lab Sample ID:	240-18544-35	240-18544-36	240-18544-37
Lab Name:	TAM0	TAM0	TAM0
Sample Date:	12/6/2012	12/6/2012	12/6/2012
Analysis Information:	1X	1X	1X

**Volatile Organic Compounds by
Capillary GC/MS**

	Units			
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.3 J	1.1 U	1.1 U
Benzene	µg/L	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	0.50 U
Styrene	µg/L	0.25 U	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

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Trip Blank**Chemistry Results**

Ravenna Army Ammunition Plant
Quality Assurance Project Plan, Oct.
3, 2012

Site Name: Site 72

	TB-16	TB-17	TB-18	TB-22
Field Sample ID:	076SB-0137-0001-TB	076SB-0138-0001-TB	076SB-0139-0001-TB	072SB-0098-0001-TB
Lab Sample ID:	240-18703-2	240-18703-3	240-18703-4	240-28007-21
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	12/11/2012	12/11/2012	12/11/2012	8/14/2013
Analysis Information:	1X	1X	1X	1X

**Volatile Organic Compounds by
Capillary GC/MS**

Capillary GC/MS	Units				
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U	
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U	
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U	
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U	
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U	
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U	
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U	
2-Butanone (MEK)	µg/L	0.57 J	0.69 J	0.64 J	
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U	
4-Methyl-2-pentanone (MIBK)	µg/L	0.32 J	0.50 U	0.39 J	
Acetone	µg/L	12	14	15	
Benzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U	
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U	
Bromoform	µg/L	0.64 U	0.64 U	0.64 U	
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U	
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U	
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U	
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U	
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U	
Chloroform	µg/L	0.25 U	0.25 U	0.25 U	
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U	
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U	
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	0.50 U	
Styrene	µg/L	0.25 U	0.25 U	0.25 U	
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U	
Toluene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U	
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U	
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U	0.25 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blank
Chemistry Results
Ravenna Army Ammunition Plant
Quality Assurance Project Plan,
Oct. 3, 2012

Site Name: Site 72

	TB-19	TB-20	TB-21	TB-22
Field Sample ID:	076SB-0143-0001-TB	076SB-0144-0001-TB	076SB-0145-0001-TB	072SB-0098-0001-TB
Lab Sample ID:	240-18703-5	240-18703-6	240-18703-7	240-28007-21
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	12/11/2012	12/11/2012	12/11/2012	8/14/2013
Analysis Information:	1X	1X	1X	1X

**Modified SW8015 for the Determination
of Gasoline Range Organics in Soil and
Water, GC/FID**

Units

Petroleum Hydrocarbons C6-C12	µg/L	29 J	27 J	50 U	60 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

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ATTACHMENT B

Source Water

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ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012

Volatile Organic Compounds by Capillary GC/MS

1,1,1-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U	1.0 U
2-Butanone (MEK) (UG/L)	10.0 U	1.2 J
2-Hexanone (UG/L)	10.0 U	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U	10.0 U
Acetone (UG/L)	10.0 U	2.1 J
Benzene (UG/L)	1.0 U	1.0 U
Bromochloromethane (UG/L)	1.0 U	1.0 U
Bromodichloromethane (UG/L)	1.0 U	3.6
Bromoform (UG/L)	1.0 U	1.0 U
Bromomethane (UG/L)	1.0 U	1.0 U
Carbon Disulfide (UG/L)	1.0 U	1.0 U
Carbon Tetrachloride (UG/L)	1.0 U	1.0 U
Chlorobenzene (UG/L)	1.0 U	1.0 U
Chloroethane (UG/L)	1.0 U	1.0 U
Chloroform (UG/L)	1.0 U	5.3
Chloromethane (UG/L)	1.0 U	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Dibromochloromethane (UG/L)	1.0 U	1.3
Ethylbenzene (UG/L)	1.0 U	1.0 U
Methylene Chloride (UG/L)	1.0 U	1.0 U
Styrene (UG/L)	1.0 U	1.0 U
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U	1.0 U
Toluene (UG/L)	1.0 U	0.15 J
trans-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U	1.0 U
Vinyl Chloride (UG/L)	1.0 U	1.0 U
Xylenes, Total (UG/L)	2.0 U	2.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Semivolatile Organic Compounds by Capillary GC/MS		
1,2,4-Trichlorobenzene (UG/L)	0.95 U	0.95 U
1,2-Dichlorobenzene (UG/L)	0.95 U	0.95 U
1,3-Dichlorobenzene (UG/L)	0.95 U	0.95 U
1,4-Dichlorobenzene (UG/L)	0.95 U	0.95 U
2,4,5-Trichlorophenol (UG/L)	4.8 U	4.8 U
2,4,6-Trichlorophenol (UG/L)	4.8 U	4.8 U
2,4-Dichlorophenol (UG/L)	1.9 U	1.9 U
2,4-Dimethylphenol (UG/L)	1.9 U	1.9 U
2,4-Dinitrophenol (UG/L)	4.8 U	4.8 U
2,4-Dinitrotoluene (UG/L)	4.8 U	4.8 U
2,6-Dinitrotoluene (UG/L)	4.8 U	4.8 U
2-Chloronaphthalene (UG/L)	0.95 U	0.95 U
2-Chlorophenol (UG/L)	0.95 U	0.95 U
2-Methylnaphthalene (UG/L)	0.19 U	0.19 U
2-Methylphenol (o-Cresol) (UG/L)	0.95 U	0.95 U
2-Nitroaniline (UG/L)	1.9 U	1.9 U
2-Nitrophenol (UG/L)	1.9 U	1.9 U
3,3'-Dichlorobenzidine (UG/L)	4.8 U	4.8 U
3-Nitroaniline (UG/L)	1.9 U	1.9 U
4,6-Dinitro-2-Methylphenol (UG/L)	4.8 U	4.8 U
4-Bromophenyl phenyl ether (UG/L)	1.9 U	1.9 U
4-Chloro-3-Methylphenol (UG/L)	1.9 U	1.9 U
4-Chloroaniline (UG/L)	1.9 U	1.9 U
4-Chlorophenyl Phenyl Ether (UG/L)	1.9 U	1.9 U
4-Nitroaniline (UG/L)	1.9 U	1.9 U
4-Nitrophenol (UG/L)	4.8 U	4.8 U
Acenaphthene (UG/L)	0.19 U	0.19 U
Acenaphthylene (UG/L)	0.19 U	0.19 U
Anthracene (UG/L)	0.19 U	0.19 U
Benzo(a)anthracene (UG/L)	0.19 U	0.19 U
Benzo(a)pyrene (UG/L)	0.19 U	0.19 U
Benzo(b)fluoranthene (UG/L)	0.19 U	0.19 U
Benzo(g,h,i)perylene (UG/L)	0.19 U	0.19 U
Benzo(k)fluoranthene (UG/L)	0.19 U	0.19 U
Benzoic acid (UG/L)	24.0 U	24.0 U
Benzyl alcohol (UG/L)	4.8 U	4.8 U
Benzyl butyl phthalate (UG/L)	0.95 U	0.95 U
bis(2-Chloroethoxy) Methane (UG/L)	0.95 U	0.95 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	0.95 U	0.95 U
bis(2-Chloroisopropyl) Ether (UG/L)	0.95 U	0.95 U
bis(2-Ethylhexyl) Phthalate (UG/L)	1.9 U	1.9 U
Carbazole (UG/L)	0.95 U	0.95 U
Chrysene (UG/L)	0.19 U	0.19 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Semivolatile Organic Compounds by Capillary GC/MS		
Cresols, m & p (UG/L)	1.9 U	1.9 U
Dibenz(a,h)anthracene (UG/L)	0.19 U	0.19 U
Dibenzofuran (UG/L)	0.95 U	0.95 U
Diethyl Phthalate (UG/L)	0.95 U	0.95 U
Dimethyl Phthalate (UG/L)	0.95 U	0.95 U
Di-n-Butyl Phthalate (UG/L)	0.95 U	0.95 U
Di-n-Octylphthalate (UG/L)	0.95 U	0.95 U
Fluoranthene (UG/L)	0.19 U	0.19 U
Fluorene (UG/L)	0.19 U	0.19 U
Hexachlorobenzene (UG/L)	0.19 U	0.19 U
Hexachlorobutadiene (UG/L)	0.95 U	0.95 U
Hexachlorocyclopentadiene (UG/L)	9.5 U	9.5 U
Hexachloroethane (UG/L)	0.95 U	0.95 U
Indeno(1,2,3-c,d)pyrene (UG/L)	0.19 U	0.19 U
Isophorone (UG/L)	0.95 U	0.95 U
Naphthalene (UG/L)	0.19 U	0.19 U
Nitrobenzene (UG/L)	0.95 U	0.95 U
n-Nitrosodi-n-propylamine (UG/L)	0.95 U	0.95 U
n-Nitrosodiphenylamine (UG/L)	0.95 U	0.95 U
Pentachlorophenol (UG/L)	4.8 U	4.8 U
Phenanthrene (UG/L)	0.19 U	0.19 U
Phenol (UG/L)	0.95 U	0.95 U
Pyrene (UG/L)	0.19 U	0.19 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry		
Aluminum (UG/L)	13.0 J	30.0 U
Antimony (UG/L)	2.0 U	2.0 U
Arsenic (UG/L)	0.49 J	1.0 U
Barium (UG/L)	39.0	0.13 J
Beryllium (UG/L)	1.0 U	1.0 U
Cadmium (UG/L)	1.0 U	1.0 U
Calcium (UG/L)	66000	59.0 J
Chromium (UG/L)	2.0 U	2.0 U
Cobalt (UG/L)	0.11 J	0.50 U
Copper (UG/L)	0.83 J	0.60 J
Iron (UG/L)	440	50.0 U
Lead (UG/L)	1.0 U	1.0 U
Magnesium (UG/L)	27000	29.0 J
Manganese (UG/L)	77.0	5.0 U
Nickel (UG/L)	1.0 U	1.0 U
Potassium (UG/L)	2500	100 U
Selenium (UG/L)	5.0 U	5.0 U
Silver (UG/L)	1.0 U	1.0 U
Sodium (UG/L)	35000	1600
Thallium (UG/L)	1.0 U	1.0 U
Vanadium (UG/L)	1.0 U	1.0 U
Zinc (UG/L)	18.0	5.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Mercury in Water (Manual Cold-Vapor Technique)		
Mercury (UG/L)	0.20 U	0.20 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID		
Petroleum Hydrocarbons C6-C12 (UG/L)	39.0 J	36.0 J

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Modified SW8015 for the Determination of Diesel Range Organics in Soil and Water, GC/FID		
C10-C20 Diesel Range Organics (UG/L)	480 U	480 U
C20-C34 Motor Oil Range Organics (UG/L)	480 U	480 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Polychlorinated Biphenyls (PCB) by Capillary GC		
PCB-1016 (Arochlor 1016) (UG/L)	0.48 U	0.48 U
PCB-1221 (Arochlor 1221) (UG/L)	0.48 U	0.48 U
PCB-1232 (Arochlor 1232) (UG/L)	0.48 U	0.48 U
PCB-1242 (Arochlor 1242) (UG/L)	0.48 U	0.48 U
PCB-1248 (Arochlor 1248) (UG/L)	0.48 U	0.48 U
PCB-1254 (Arochlor 1254) (UG/L)	0.48 U	0.48 U
PCB-1260 (Arochlor 1260) (UG/L)	0.48 U	0.48 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Organochlorine Pesticides by Capillary GC		
Aldrin (UG/L)	0.048 U	0.048 U
alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.048 U
alpha-Chlordane (UG/L)	0.048 U	0.048 U
alpha-Endosulfan (UG/L)	0.048 U	0.048 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
beta-Endosulfan (UG/L)	0.048 U	0.048 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
Dieldrin (UG/L)	0.048 U	0.048 U
Endosulfan Sulfate (UG/L)	0.048 U	0.048 U
Endrin (UG/L)	0.048 U	0.048 U
Endrin Aldehyde (UG/L)	0.048 U	0.048 U
Endrin Ketone (UG/L)	0.048 U	0.048 U
gamma-BHC (Lindane) (UG/L)	0.048 U	0.048 U
gamma-Chlordane (UG/L)	0.048 U	0.048 U
Heptachlor (UG/L)	0.048 U	0.048 U
Heptachlor Epoxide (UG/L)	0.048 U	0.048 U
Methoxychlor (UG/L)	0.095 U	0.095 U
p,p'-DDD (UG/L)	0.048 U	0.048 U
p,p'-DDE (UG/L)	0.048 U	0.048 U
p,p'-DDT (UG/L)	0.048 U	0.048 U
Toxaphene (UG/L)	1.9 U	1.9 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization: Capillary Column Technique		
2,4 DB (UG/L)	4.0 U	4.0 U
2,4,5-T (Trichlorophenoxyacetic Acid) (UG/L)	1.0 U	1.0 U
2,4-D (Dichlorophenoxyacetic Acid) (UG/L)	4.0 U	4.0 U
Dalapon (UG/L)	2.0 U	2.0 U
Dicamba (UG/L)	2.0 U	2.0 U
Dichloroprop (UG/L)	4.0 U	4.0 U
Dinoseb (UG/L)	0.60 U	0.60 U
MCPA (UG/L)	400 U	400 U
MCPP (UG/L)	400 U	400 U
Pentachlorophenol (UG/L)	0.10 U	0.10 U
Silvex (2,4,5-TP) (UG/L)	1.0 U	1.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Nitroaromatics and Nitramines by HPLC		
1,3,5-Trinitrobenzene (UG/L)	0.10 U	0.099 U
1,3-Dinitrobenzene (UG/L)	0.10 U	0.099 U
2,4,6-Trinitrotoluene (UG/L)	0.10 U	0.099 U
2,4-Dinitrotoluene (UG/L)	0.10 U	0.099 U
2,6-Dinitrotoluene (UG/L)	0.10 U	0.099 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.20 U	0.20 U
2-Nitrotoluene (UG/L)	0.50 U	0.49 U
3-Nitrotoluene (UG/L)	0.50 U	0.49 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.10 U	0.099 U
4-Nitrotoluene (UG/L)	0.50 U	0.49 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.10 U	0.099 U
Nitrobenzene (UG/L)	0.10 U	0.099 U
Nitroglycerin (UG/L)	0.65 U	0.64 U
NITROGUANIDINE (UG/L)	20.0 U	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine	0.10 U	0.099 U
Pentaerythritol Tetranitrate (UG/L)	0.65 U	0.64 U
Tetryl (UG/L)	0.10 U	0.099 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)		
Nitrocellulose (MG/L)	2.0 U	2.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001-SOURCEWATER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	03/14/2013
Volatile Organic Compounds by Capillary GC/MS	
1,1,1-Trichloroethane (UG/L)	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U
2-Butanone (MEK) (UG/L)	10.0 U
2-Hexanone (UG/L)	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U
Acetone (UG/L)	10.0 U
Benzene (UG/L)	1.0 U
Bromochloromethane (UG/L)	1.0 U
Bromodichloromethane (UG/L)	1.0 U
Bromoform (UG/L)	1.0 U
Bromomethane (UG/L)	1.0 U
Carbon Disulfide (UG/L)	1.0 U
Carbon Tetrachloride (UG/L)	1.0 UJ
Chlorobenzene (UG/L)	1.0 U
Chloroethane (UG/L)	1.0 U
Chloroform (UG/L)	1.0 U
Chloromethane (UG/L)	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U
Dibromochloromethane (UG/L)	1.0 U
Ethylbenzene (UG/L)	1.0 U
Methylene Chloride (UG/L)	1.0 U
Styrene (UG/L)	1.0 U
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U
Toluene (UG/L)	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U
Vinyl Chloride (UG/L)	1.0 U
Xylenes, Total (UG/L)	2.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Semivolatile Organic Compounds by Capillary GC/MS	
1,2,4-Trichlorobenzene (UG/L)	1.0 U
1,2-Dichlorobenzene (UG/L)	1.0 U
1,3-Dichlorobenzene (UG/L)	1.0 U
1,4-Dichlorobenzene (UG/L)	1.0 U
2,4,5-Trichlorophenol (UG/L)	5.1 U
2,4,6-Trichlorophenol (UG/L)	5.1 U
2,4-Dichlorophenol (UG/L)	2.0 U
2,4-Dimethylphenol (UG/L)	2.0 UJ
2,4-Dinitrophenol (UG/L)	5.1 UJ
2,4-Dinitrotoluene (UG/L)	5.1 U
2,6-Dinitrotoluene (UG/L)	5.1 U
2-Chloronaphthalene (UG/L)	1.0 U
2-Chlorophenol (UG/L)	1.0 UJ
2-Methylnaphthalene (UG/L)	0.20 U
2-Methylphenol (o-Cresol) (UG/L)	1.0 UJ
2-Nitroaniline (UG/L)	2.0 U
2-Nitrophenol (UG/L)	2.0 UJ
3,3'-Dichlorobenzidine (UG/L)	5.1 UJ
3-Nitroaniline (UG/L)	2.0 U
4,6-Dinitro-2-Methylphenol (UG/L)	5.1 UJ
4-Bromophenyl phenyl ether (UG/L)	2.0 U
4-Chloro-3-Methylphenol (UG/L)	2.0 U
4-Chloroaniline (UG/L)	2.0 U
4-Chlorophenyl Phenyl Ether (UG/L)	2.0 U
4-Nitroaniline (UG/L)	2.0 UJ
4-Nitrophenol (UG/L)	5.1 UJ
Acenaphthene (UG/L)	0.20 U
Acenaphthylene (UG/L)	0.20 U
Anthracene (UG/L)	0.20 U
Benzo(a)anthracene (UG/L)	0.20 U
Benzo(a)pyrene (UG/L)	0.20 U
Benzo(b)fluoranthene (UG/L)	0.20 U
Benzo(g,h,i)perylene (UG/L)	0.20 U
Benzo(k)fluoranthene (UG/L)	0.20 U
Benzoic acid (UG/L)	25.0 U
Benzyl alcohol (UG/L)	5.1 U
Benzyl butyl phthalate (UG/L)	1.0 U
bis(2-Chloroethoxy) Methane (UG/L)	1.0 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.0 U
bis(2-Chloroisopropyl) Ether (UG/L)	1.0 U
bis(2-Ethylhexyl) Phthalate (UG/L)	2.0 U
Carbazole (UG/L)	1.0 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Semivolatile Organic Compounds by Capillary GC/MS	
Chrysene (UG/L)	0.20 U
Cresols, m & p (UG/L)	2.0 U
Dibenz(a,h)anthracene (UG/L)	0.20 U
Dibenzofuran (UG/L)	1.0 U
Diethyl Phthalate (UG/L)	1.0 U
Dimethyl Phthalate (UG/L)	1.0 U
Di-n-Butyl Phthalate (UG/L)	1.0 U
Di-n-Octylphthalate (UG/L)	1.0 U
Fluoranthene (UG/L)	0.20 U
Fluorene (UG/L)	0.20 U
Hexachlorobenzene (UG/L)	0.20 U
Hexachlorobutadiene (UG/L)	1.0 U
Hexachlorocyclopentadiene (UG/L)	10.0 U
Hexachloroethane (UG/L)	1.0 U
Indeno(1,2,3-c,d)pyrene (UG/L)	0.20 U
Isophorone (UG/L)	1.0 U
Naphthalene (UG/L)	0.20 U
Nitrobenzene (UG/L)	1.0 U
n-Nitrosodi-n-propylamine (UG/L)	1.0 U
n-Nitrosodiphenylamine (UG/L)	1.0 UJ
Pentachlorophenol (UG/L)	5.1 UJ
Phenanthrene (UG/L)	0.20 U
Phenol (UG/L)	1.0 UJ
Pyrene (UG/L)	0.20 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID	
Petroleum Hydrocarbons C6-C12 (UG/L)	100 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Modified SW8015 for the Determination of Diesel Range Organics in Soil and Water, GC/FID	
C10-C20 Diesel Range Organics (UG/L)	490 U
C20-C34 Motor Oil Range Organics (UG/L)	490 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance

Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry	
Aluminum (UG/L)	30.0 U
Antimony (UG/L)	2.0 U
Arsenic (UG/L)	0.48 J
Barium (UG/L)	41.0
Beryllium (UG/L)	1.0 U
Cadmium (UG/L)	1.0 U
Calcium (UG/L)	65000
Chromium (UG/L)	1.3 J
Cobalt (UG/L)	0.054 J
Copper (UG/L)	2.0 U
Iron (UG/L)	590
Lead (UG/L)	1.0 U
Magnesium (UG/L)	27000
Manganese (UG/L)	94.0
Nickel (UG/L)	1.0 U
Potassium (UG/L)	2500
Selenium (UG/L)	5.0 U
Silver (UG/L)	1.0 U
Sodium (UG/L)	37000
Thallium (UG/L)	0.11 J
Vanadium (UG/L)	1.0 U
Zinc (UG/L)	5.1

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Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance

Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Mercury in Water (Manual Cold-Vapor Technique)	
Mercury (UG/L)	0.20 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance

Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Polychlorinated Biphenyls (PCB) by Capillary GC	
PCB-1016 (Arochlor 1016) (UG/L)	0.50 U
PCB-1221 (Arochlor 1221) (UG/L)	0.50 U
PCB-1232 (Arochlor 1232) (UG/L)	0.50 U
PCB-1242 (Arochlor 1242) (UG/L)	0.50 U
PCB-1248 (Arochlor 1248) (UG/L)	0.50 U
PCB-1254 (Arochlor 1254) (UG/L)	0.50 U
PCB-1260 (Arochlor 1260) (UG/L)	0.50 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Organochlorine Pesticides by Capillary GC	
Aldrin (UG/L)	0.050 U
alpha-BHC (alpha-Hexachlorocyclohexane)	0.050 U
alpha-Chlordane (UG/L)	0.050 U
alpha-Endosulfan (UG/L)	0.050 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.050 U
beta-Endosulfan (UG/L)	0.050 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.050 U
Dieldrin (UG/L)	0.050 U
Endosulfan Sulfate (UG/L)	0.050 U
Endrin (UG/L)	0.050 U
Endrin Aldehyde (UG/L)	0.050 U
Endrin Ketone (UG/L)	0.050 U
gamma-BHC (Lindane) (UG/L)	0.050 U
gamma-Chlordane (UG/L)	0.050 U
Heptachlor (UG/L)	0.050 U
Heptachlor Epoxide (UG/L)	0.050 U
Methoxychlor (UG/L)	0.10 UJ
p,p'-DDD (UG/L)	0.050 U
p,p'-DDE (UG/L)	0.050 U
p,p'-DDT (UG/L)	0.050 U
Toxaphene (UG/L)	2.0 UJ

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization: Capillary Column Technique	
2,4 DB (UG/L)	4.0 U
2,4,5-T (Trichlorophenoxyacetic Acid) (UG/L)	1.0 U
2,4-D (Dichlorophenoxyacetic Acid) (UG/L)	4.0 U
Dalapon (UG/L)	2.0 U
Dicamba (UG/L)	2.0 U
Dichloroprop (UG/L)	4.0 U
Dinoseb (UG/L)	0.60 U
MCPA (UG/L)	400 UJ
MCPP (UG/L)	400 UJ
Pentachlorophenol (UG/L)	0.10 U
Silvex (2,4,5-TP) (UG/L)	1.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Nitroaromatics and Nitramines by HPLC	
1,3,5-Trinitrobenzene (UG/L)	0.10 U
1,3-Dinitrobenzene (UG/L)	0.10 U
2,4,6-Trinitrotoluene (UG/L)	0.10 U
2,4-Dinitrotoluene (UG/L)	0.10 U
2,6-Dinitrotoluene (UG/L)	0.10 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.20 U
2-Nitrotoluene (UG/L)	0.51 U
3-Nitrotoluene (UG/L)	0.51 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.10 U
4-Nitrotoluene (UG/L)	0.51 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.10 U
Nitrobenzene (UG/L)	0.10 U
Nitroglycerin (UG/L)	0.66 U
NITROGUANIDINE (UG/L)	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine	0.10 U
Pentaerythritol Tetranitrate (UG/L)	0.66 U
Tetryl (UG/L)	0.10 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Chromium, Hexavalent (Colorimetric)	
Chromium, Hexavalent (MG/L)	0.020 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)	
Nitrocellulose (MG/L)	2.0 U

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