FINAL
FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

REPORT ON THE
APRIL 2008 SAMPLING EVENT

RAVENNA ARMY AMMUNITION PLANT,
RAVENNA, OHIO

MARC Contract Number W912QR-04-D-0036
Delivery Order 0006

Prepared for

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FWGWMP April 2008 Final Sampling Event Report
Distribution List

RVAAP – 2 printed copies, 2 CDs
USACE - 2 printed copies, 3 CDs
USAEC – 1 CD
Ohio EPA – 1 printed copy, 2 CDs
OHARNG – 1 printed copy, 1 CD
EQM – 1 printed copy, 1 CD

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LIST OF GENERAL ACRONYMS

ADR	Automatic Data Review
AOC	Area of Concern
BRAC	U.S. Army Base Realignment and Closure Office
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
DOD	Department of Defense
EQM	Environmental Quality Management, Inc.
EPA	Environmental Protection Agency
FWGWMP	Facility-Wide Groundwater Monitoring Plan
FWGWMPP	Facility-Wide Groundwater Monitoring Program Plan
FWSAP	Facility-Wide Sampling and Analysis Plan
GOCO	Government Owned, Contractor Operated
IDW	Investigative Derived Waste
IRP	Installation Restoration Program
LCS	Laboratory Control Sample
LCG	Louisville Chemistry Guidelines
MARC	Multiple Award Remediation Contract
MCL	Maximum Contaminant List
MDL	Method Detection Limit
MS/MSD	Matrix spike/matrix spike duplicate
NGB	National Guard Bureau
OHARNG	Ohio Army National Guard
PCB	Polychlorinated biphenyl
PQL	Practical Quantitation Limit
PRG	Preliminary Remediation Goal
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
RI	Remedial Investigation
RTLS	Ravenna Training and Logistics Site
RVAAP	Ravenna Army Ammunition Plant
SRC	Site Related Contaminant
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
TOC	Top of Casing
USACE	U.S. Army Corps of Engineers
USP&FO	United States Property and Fiscal Officer
VOC	Volatile Organic Compound

LIST OF AREA OF CONCERN ACRONYMS

B12	Building 1200
BKG	Background
CBL	C-Block
CBP	Central Burn Pits
CP	Cobbs Pond
DA2	Demolition Area #2
EBG	Erie Burning Grounds
FBQ	Fuze and Booster Quarry
LNW	Landfill North of Winklepeck
LL	Load Line
MBS	Mustard Burial Site
NACA	National Advisory Committee for Aeronautics
NTA	NACA Test Area
RQL	Ramsdale Quarry Landfill
WBG	Winklepeck Burning Grounds

SECTION 1

INTRODUCTION

1.1 Facility Description

Past Department of Defense (DOD) activities at the Ravenna Army Ammunition Plant (RVAAP) date to 1940 and include the manufacturing, loading, handling and storage of military explosives and ammunition. Until 1999, the RVAAP was identified as a 21,419-acre installation. The property boundary was resurveyed by the Ohio Army National Guard (OHARNG) over a two year period from 2002 and 2003 and the actual total acreage of the property was found to be 21,683.289 acres. As of February 2006, a total of 20,403 acres of the former 21,683 acre RVAAP have been transferred to the United States Property and Fiscal Officer (USP&FO) for Ohio for use by the OHARNG as a military training site. The current RVAAP consists of 1,280 acres in several distinct parcels scattered throughout the confines of the OHARNG Ravenna Training and Logistics Site (RTLS). The RVAAP and the RTLS are collocated on contiguous parcels of property and the RTLS perimeter fence completely encloses the remaining parcels of the RVAAP. The RTLS is in northeastern Ohio within Portage and Trumbull Counties, approximately 4.8 kilometers (3 miles) east-northeast of the city of Ravenna and approximately 1.6 kilometers (1 mile) northwest of the city of Newton Falls (Figure 1-1). The RVAAP portions of the property are solely located within Portage County. The RTLS (inclusive of the RVAAP) is a parcel of property approximately 17.7 kilometers (11 miles) long and 5.6 kilometers (3.5 miles) wide bounded by State Route 5, the Michael J. Kirwan Reservoir, and the CSX System Railroad on the south; Garret, McCormick, and Berry roads on the west; the Norfolk Southern Railroad on the north; and State Route 534 on the east (see Figures 1-1 and 1-2). The RTLS is surrounded by several communities: Windham on the north; Garrettsville 9.6 kilometers (6 miles) to the northwest; Newton Falls 1.6 kilometers (1 mile) to the southeast; Charlestown to the southwest; and Wayland 4.8 kilometers (3 miles) to the south. When the RVAAP was operational the RTLS did not exist and the entire 21,683-acre parcel was a government-owned, contractor-operated (GOCO) industrial facility. The RVAAP Installation Restoration Program (IRP) encompasses investigation and cleanup of past activities over the entire 21,683 acres of the former RVAAP and therefore references to the RVAAP in this document are considered to be inclusive of the historical extent of the RVAAP, which is inclusive of the combined acreages of the current RTLS and RVAAP, unless otherwise specifically stated.

1.2 Project Description

1.2.1 Historical Monitoring

In 2004 the U.S. Army and the Ohio EPA finalized the Facility-Wide Groundwater

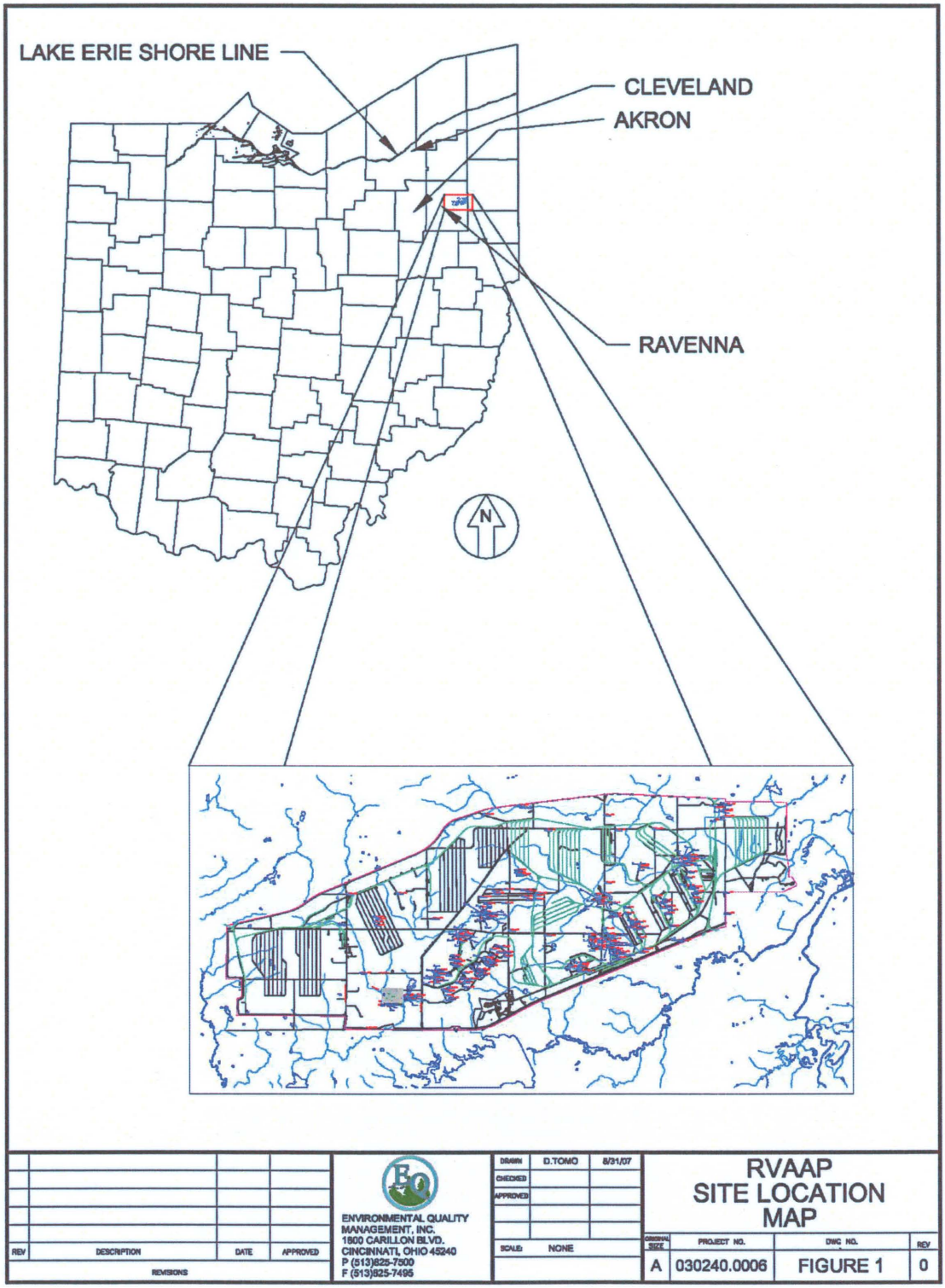
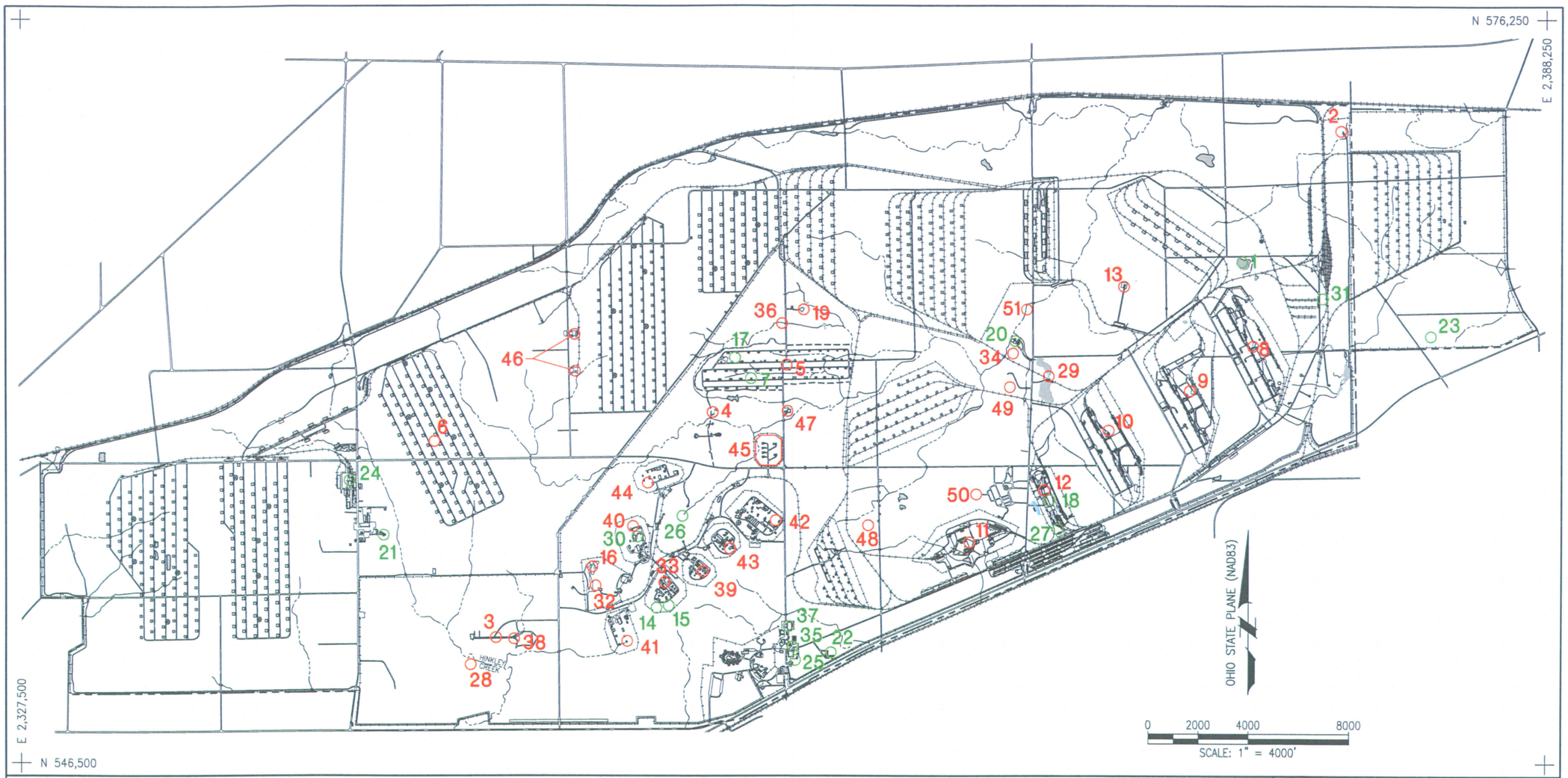


Fig. 1-1 General Location Map



LEGEND OF SITES

1 RAMSDELL QUARRY LANDFILL	13 BLDG 1200 AND DILUTION/SETTLING POND	25 BLDG 1034 MOTOR POOL WASTE OIL TANK	37 PESTICIDE STORAGE BUILDING T-4452	49 CENTRAL BURN PITS
2 ERIE BURNING GROUNDS	14 LOAD LINE 6, EVAPORATION UNIT	26 FUZE BOOSTER AREA SETTLING TANKS	38 NACA TEST AREA	50 ATLAS SCRAP YARD
3 DEMOLITION AREA #1	15 LOAD LINE 6, TREATMENT PLANT	27 BLDG 854-PCB STORAGE	39 LOAD LINE 5 / FUZE LINE 1	51 DUMP ALONG PARIS-WINDHAM ROAD
4 DEMOLITION AREA #2	16 QUARRY LANDFILL/FORMER FUZE & BOOSTER BURNING PITS	28 MUSTARD AGENT BURIAL SITE	40 LOAD LINE 7 / BOOSTER LINE 1	○ CERCLA
5 WINKLEPECK BURNING GROUNDS	17 DEACTIVATION FURNACE	29 UPPER AND LOWER COBBS POND COMPLEX	41 LOAD LINE 8 / BOOSTER LINE 2	○ RCRA
6 C BLOCK QUARRY	18 LOAD LINE 12 PINK WASTE WATER TREATMENT	30 LOAD LINE 7 PINK WASTEWATER TREATMENT PLANT	42 LOAD LINE 9 / DETONATOR LINE	○ OTHER REGULATORY
7 BLDG 1601 HAZARDOUS WASTE STORAGE	19 LANDFILL NORTH OF WINKLEPECK BURNING GROUND	31 ORE PILE RETENTION POND	43 LOAD LINE 10 / PERCUSSION ELEMENT	
8 LOAD LINE 1 AND DILUTION/SETTLING POND	20 SAND CREEK SEWAGE TREATMENT PLANT	32 40 AND 60 MM FIRING RANGE	44 LOAD LINE 11 / ARTILLERY PRIMER	
9 LOAD LINE 2 AND DILUTION/SETTLING POND	21 DEPOT SEWAGE TREATMENT PLANT	33 FIRESTONE TEST FACILITY	45 WET STORAGE AREA	
10 LOAD LINE 3 AND DILUTION/SETTLING POND	22 GEORGE ROAD SEWAGE TREATMENT PLANT	34 SAND CREEK DISPOSAL ROAD LANDFILL	46 BUILDINGS F-15 AND F-16	
11 LOAD LINE 4 AND DILUTION/SETTLING POND	23 UNIT TRAINING SITE WASTE OIL TANK	35 1037 BUILDING-LAUNDRY WASTEWATER SUMP	47 BUILDING T-5301 DECONTAMINATION	
12 LOAD LINE 12 AND DILUTION/SETTLING POND	24 RESERVE UNIT MAINTENANCE AREA WASTE OIL TANK	36 PISTOL RANGE	48 ANCHOR TEST AREA	

US Army Corps of Engineers Louisville District

U.S. ARMY ENGINEER DISTRICT
CORPS OF ENGINEERS
LOUISVILLE, KENTUCKY

RAVENNA ARMY AMMUNITION PLANT
RAVENNA, OHIO
FACILITY MAP

DRAWN BY:	REV. NO./DATE:	CAD FILE:
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Fig 1-2 RVAAP Facility Map

Monitoring Program (FWGWMP) Plan which details the requirements of the program. The FWGWMP was initiated in 2005 with three consecutive quarters of FWGWMP well sampling. Quarterly sampling has continued through the current monitoring event. The initial FWGWMP wells identified for monitoring were sampled once every quarter, with the exception of the Ramsdell Quarry Landfill (RQL) wells RQLmw-007, -008, and -009, and two Demolition (DA) Area 2 wells, DA2mw-DET3 and –DET4. The RQL and DA2 wells are sampled twice a year, during the second (April) and fourth (October) sampling events.

Details of the program design and requirements are contained in the *RVAAP Facility-Wide Groundwater Monitoring Program Plan,* Portage Environmental, September 2004. This document contains the Facility-Wide Sampling and Analysis Plan (FWSAP), Site Safety and Health Plan, and Quality Assurance Project Plan addenda that pertain to the proposed work. Additional details pertaining to performance of field and laboratory activities are contained in the *RVAAP Facility-Wide Sampling and Analysis Plan/Quality Assurance Project Plan (FWSAP)*, SAIC, March 2001. As detailed in the FWGWMPP, the initial monitoring program consisted of the sampling of 36 wells specified in Table 4-1 of the FWGWMPP. Fourteen of these wells are "Background Wells"; the remainder are wells situated at various Areas of Concern (AOCs) at RVAAP. The first sampling event for this project was conducted in April 2005. The results of the previous FWGWMP sampling events are presented in the reports referenced in Section 4 of this report. The final assessment monitoring event for the initial well sampling and analysis was completed in October 2007.

1.2.2 Current Monitoring

On October 22, 2007 the USACE submitted to the Ohio EPA the *Draft Proposal to Update the Facility-Wide Ground Water Monitoring Program* (USACE October 2007) at the Ravenna Army Ammunition Plant. This proposal presented recommendations for modifications to the FWGWMP, the Director's Final Findings and Orders, and the Conceptual Plan in Appendix F of the Findings and Orders as presented below.

Section 3.1.2.2 of the FWGWMP Plan establishes a protocol for adding and removing wells from the FWGWMP: "Future wells installed as part of individual AOC investigations conducted under the ongoing Comprehensive Environmental Response Compensation and Liability Act (CERCLA) process at RVAAP will be evaluated for incorporation into the FWGWMP upon completion of at least four quarterly groundwater sampling events to be conducted as part of the Remedial Investigation (RI) phase at each AOC. The frequency of the initial sampling events may be other than quarterly if agreed upon by the Army and Ohio EPA". Based on this protocol the USACE notified the Ohio EPA on December 12, 2007 that the wells to be sampled would be changed effective with the January 2008 monitoring event. The Ohio EPA provided concurrence with this change in an email dated January 8, 2008. The Ohio EPA was notified of an additional change on February 27, 2008 increasing the number of wells to be sampled for the April 2008 event. The Ohio EPA was notified on March 21, 2008 that the number of FWGWMP wells to be sampled in April 2008 would be increased to 132 plus the 5

RCRA wells sampled semi-annually. Copies of this correspondence are presented in Appendix A.

The list of FWGWMP wells monitored for the April 2008 event is presented in Appendix B.

1.3 Scope of Work for the April 2008 Sampling Event

Environmental Quality Management, Inc. (EQM) has been contracted (MARC Contract Number W912QR-04-D-0036) by the U.S. Army Corps of Engineers, Louisville District (USACE) to conduct the FWGWMP monitoring program beginning in April 2007. The objective of this project is to continue quarterly monitoring under the RVAAP Facility-Wide Groundwater Monitoring Program. The following tasks were performed during the April 2008 sampling event in accordance with specifications contained in the FWGWMPP, the FWSAP, and the Scope of Work written by the USACE:

- Obtained water level measurements in the 137 wells identified in Appendix B (this includes the 5 RCRA wells; RQLmw-007, RQLmw-008, RQLmw-009, DET-3, and DET-4).
- Performed groundwater sampling at the 137 wells identified in Appendix B.
- Performed laboratory analysis for the collected samples.
- Verified, validated and reduced the laboratory analytical data produced for the event (exclusive of the quality assurance samples analyzed by RTI).
- Prepared the Investigative Derived Waste (IDW) Characterization and Disposal Report for the IDW collected during monitoring activities.
- Prepared and submitted the quarterly monitoring report for the sampling event.

1.4 Report Presentation

This report presents the results of the April 2008 sampling event. The report is structured in the following way:

- Section 1.0 – Introduction.
- Section 2.0 – Description of Project Activities. This section describes project-specific details not contained in the FWSAP and FWGWMPP on how the tasks described above were performed.
- Section 3.0 – Results of Investigation. The results of the sampling event are summarized, groundwater elevation measurements, analytical results, data verification/validation information.
- Section 4.0 – References.

The appendices contain the following items:

- Appendix A - Correspondence Documenting the Change in Wells to be Sampled in 2008.

- Appendix B – List of Wells Sampled During the April 2008 Event.
- Appendix C – Water Level Measurements/Field Log Book and Purge Records/Daily Quality Control Reports.
- Appendix D – Data Verification Reports/Laboratory Data Sheets.
- Appendix E – Investigation-Derived Waste (IDW) Characterization and Disposal Plan.
- Appendix F – Reporting Limits that Currently Do Not Meet the RVAAP Quality Assurance Project Plan (QAPP) Practical Quantitation Limits (PQLs) and/or Region 9 Preliminary Remediation Goals (PRGs).

The report is contained in 6 volumes:

- Volume 1 presents the main text and Appendices A-d.
- Volumes 2-5 present the Appendix D analytical data sheets/validation reports.
- Volume 6 presents Appendices D-F and the plates.

SECTION 2

PROJECT ACTIVITIES

2.1 Groundwater Level Monitoring

Depth to water from the top of the inner casing was measured in the 137 FWGWMP wells identified in Appendix B during April 2, 3, 7, and 8. Water level measurements were taken with a Herron Dipper-T or Enviro Inspector electronic water-level indicator. The depth to the bottom of the well from the top of the inner casing was also measured with the electronic water level indicator. CPmw-002 was not measured due to the artesian effect created upon opening. The water level rose above the top of casing measuring point. In the future an extension piece of PVC will be used as necessary to measure the water level. Historic water level data indicate that this issue should not arise during subsequent events due to seasonal decrease in water levels during the rest of the year.

The results of the groundwater level monitoring for the FWGWMP wells are presented in Section 3.1. Potentiometric maps created from groundwater measurements from all RVAAP monitoring wells in October 2007 are presented on Plates 1, 2, and 3. The potentiometric maps were generated from the October 2007 water level measurements taken from all 237 facility wells. These maps are updated on a yearly basis. The water levels from the quarterly events are not included in these plates. The potentiometric maps will be updated after the July 2008 water level measurement event.

2.2 Groundwater Sampling

All identified wells were sampled April 7 through 16, 2008. Wells were sampled using micropurge techniques in accordance with the specifications contained in the FWGWMPP and FWSAP. DET-4 (Detonation Area 2) and B12mw-012 (Building 1200 Area) were sampled using a bailer because of low water volume and slow recharge. DET-4 has historically been sampled using a bailer. B12mw-012 had less than 1-foot of water in the casing and was therefore identified for bailing. The other wells were micropurged until certain groundwater parameters (i.e., temperature, specific conductivity, pH, and dissolved oxygen) had stabilized. The groundwater parameters were measured using a Horiba U-22 with flow cells or equivalent. Groundwater parameter measurements obtained during micropurging are presented in Appendix C.

Groundwater samples were collected with QED micropurge equipment with the exception of DET-4 and B12mw-012 which were sampled using a Teflon bailer. CPmw-002 was artesian causing water to flow out of the casing into the surrounding pro case. Sampling was not affected by the flow, however in the future an extension piece of PVC will be used if necessary. Equipment and sampling details are contained in Appendix C. Groundwater samples were collected in laboratory supplied containers and stored in iced

coolers for shipment in accordance with FWSAP and FWGWMPP specifications. All coolers were received by the laboratory at temperatures within the prescribed limits of the FWGWMP, there was no reoccurrence of elevated cooler temperatures as in past monitoring events.

2.3 Laboratory Analysis

Laboratory analyses on all primary samples and associated quality control samples were performed by TestAmerica Laboratories. Table 2-1 presents the analytical methods used to analyze the groundwater samples.

Table 2-1 Analytical Methods

CONSTITUENTS	METHOD[1]
Polychlorinated Biphenyls (PCBs)	GC Semivolatile Organics (8082)
Pesticides	GC Semivolatile Organics (8081A)
Base/Neutrals and Acids (SVOCs)	GC/MS Semivolatile Organic (8270C)
Volatile Organic (VOCs)	GC/MS Volatile Organics (8260B)
Nitroguanidine (Propellants)	Organic Compounds by UV/HPLC (8330 modified)
Nitroaromatics & Nitramines: (Explosives)	GC Semivolatile Organics Explosives (8330)
Nitrocellulose as N (Propellant)	General Chemistry (353.2 modified)[2]
Nitrate – Nitrite	General Chemistry (353.2)[2]
Cyanide, (Total)	General Chemistry (9012A)
Metals (Magnesium, Manganese, Barium, Nickel, Potassium, Silver, Sodium, Vanadium, Chromium, Calcium, Cobalt, Copper, Arsenic, Lead, Selenium)	Inductively Coupled Plasma (6010B)
Metals (Antimony, Iron, Beryllium, Thallium, Zinc, Cadmium, Aluminum)	Inductively Coupled Plasma Mass Spectrometry (6020)
Metals (Mercury)	(7470A, Cold Vapor) - Liquid

1 = USEPA SW846
2 = EPA Methods for Chemical Analysis of Water and Waste

All groundwater samples were analyzed for explosives, propellants (nitrocellulose and nitroguanidine), cyanide, volatile organic compounds (VOCs), semi-volatile compounds (SVOCs), target analyte list (TAL) metals (filtered), pesticides, and polychlorinated biphenyls (PCBs). In addition to these analyses the groundwater samples collected from the monitoring wells at Load Line 12 were also analyzed for nitrate-nitrite.

QC samples were collected from the following wells:

LL2mw-265 – Duplicate sample	LL2mw-261 – MS/MSD
LL3mw-234 - Duplicate sample	LL3mw-232 – MS/MSD

LL12mw-107 – Duplicate sample	LL12mw-088 – MS/MSD
LL12mw-245 – Duplicate sample	LL12mw-128 – MS/MSD
LL5mw-006 – Duplicate sample	LL5mw-005 – MS/MSD
CBPmw-004 – Duplicate sample	CBPmw-001 – MS/MSD
CPmw-006 – Duplicate Sample	CPmw-005 – MS/MSD
DA2mw-111 – Duplicate sample	DA2mw-110 – MS/MSD
EBGmw-127 – Duplicate sample	EBGmw-130 - MS/MSD
FBQmw-175 – Duplicate sample	FBQmw-174 – MS/MSD
LNWmw-027 – Duplicate sample	LNWmw-025 – MS/MSD
NTAmw-113 – Duplicate sample	NTAmw-111 – MS/MSD
RQLmw-008 - Duplicate sample	RQLmw-008 – MS/MSD
WBGmw-005 – Duplicate sample	WBGmw-010 –MS/MSD

All samples were picked up from the facility and delivered to the laboratory in iced coolers by a TestAmerica courier under proper chain-of-custody procedures (Appendix C). Laboratory analyses on all quality assurance (QA) samples were performed by RTI Laboratories in Livonia Michigan. Fourteen QA samples were collected for this sampling event from the same wells where the duplicate samples were collected.

All QA samples were shipped in iced coolers via overnight delivery service under proper chain-of-custody procedures.

Table 2-2 presents the QA Table summary for all samples collected for the April 2008 monitoring event. This table presents in tabular form all analyses and associated QA/QC. The Daily Quality Control Reports are presented in Appendix C.

Laboratory results are summarized in Section 3.2. Laboratory data sheets, including QA/QC information are contained in Appendix D.

2.4 Data Verification/Validation

Data from TestAmerica were verified in accordance with project specifications by EQM chemists Heather Medley and Angye Dragotta using the Automatic Data Review (ADR) program. Data validation/verification is summarized in Section 3.3. The Data Verification/Validation Summary Reports are presented in Appendix D.

2.5 Investigation Derived Waste

Purge water was collected at each well location in 5-gallon buckets and transferred to 55-gallon drums located inside Building 1036. No more than four gallons were purged from any well. Instruments and equipment were decontaminated after purging and sampling each monitoring well. Decontamination fluids were collected in separate, AOC-designated 55-gallon drum stored inside Building 1036. Pending analysis of the monitoring well samples, IDW fluids will be stored in the 55-gallon drums until the IDW

Report is approved. The IDW will then be disposed of in accordance with FWSAP requirements. The IDW Report is presented in Appendix E.

Table 2-2 QA Table for April 2008 Sampling Event

	Contractor Laboratory							Government Laboratory		Requested Laboratory Analysis					
Sample Locations	Primary Lab Sample ID	Date	Sample Type	Assoc. QC Dup Number	Assoc. QC Rinsate Number	Assoc. QC Trip Blank Number	MS/ MSD	QA Lab Sample ID	Assoc. QC Trip Blank Number	VOCs	SVOCs	Explosives & Propellants	Pesticides / PCBs	Metals / Cyanide	Nitrate / Nitrite
LL1mw-063	FWGLL1mw-063C-0613-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam4-Trip				X	X	X	X	X	
LL1mw-064	FWGLL1mw-064C-0614-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam4-Trip				X	X	X	X	X	
LL1mw-065	FWGLL1mw-065C-0615-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam5-Trip				X	X	X	X	X	
LL1mw-079	FWGLL1mw-079C-0616-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam5-Trip				X	X	X	X	X	
LL2mw-060	FWGLL2mw-060C-0617-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam2-Trip				X	X	X	X	X	
LL2mw-261	FWGLL2mw-261C-0618-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam2-Trip	Yes			X	X	X	X	X	
LL2mw-264	FWGLL2mw-264C-0619-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam1-Trip				X	X	X	X	X	
LL2mw-265	FWGLL2mw-265C-0620-GW/GF	04/07/08	GW	DUP1-0745	EQUIPRinse1-0773	FWGTeam3-Trip		FWGLL2mw-265C-0759S-GW/GF	TRIPBLANK	X	X	X	X	X	
LL2mw-268	FWGLL2mw-268C-0621-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam1-Trip				X	X	X	X	X	
LL2mw-270	FWGLL2mw-270C-0622-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam3-Trip				X	X	X	X	X	
LL4mw-200	FWGLL4mw-200C-0634-GW/GF	04/07/08	GW		EQUIPRinse1-0773	FWGTeam5-Trip				X	X	X	X	X	
LL12mw-088	FWGLL12mw-088C-0635-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam3-Trip	Yes			X	X	X	X	X	X
LL12mw-107	FWGLL12mw-107C-0636-GW/GF	04/08/08	GW	DUP3-0747	EQUIPRinse2-0774	FWGTeam1-Trip		FWGLL12mw-107C-0761S-GW/GF	Trip Blank	X	X	X	X	X	X
LL12mw-113	FWGLL12mw-113C-0637-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam5-Trip				X	X	X	X	X	X
LL12mw-154	FWGLL12mw-154C-0639-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam2-Trip				X	X	X	X	X	X
LL12mw-184	FWGLL12mw-184C-0640-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam4-Trip				X	X	X	X	X	X
LL12mw-185	FWGLL12mw-185C-0641-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam5-Trip				X	X	X	X	X	X
LL12mw-187	FWGLL12mw-187C-0642-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam4-Trip				X	X	X	X	X	X
LL12mw-188	FWGLL12mw-0188C-0643-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam2-Trip				X	X	X	X	X	X
LL12mw-189	FWGLL12mw-189C-0644-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam3-Trip				X	X	X	X	X	X
LL3mw-232	FWGLL3mw-232C-0623-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam2-Trip	Yes			X	X	X	X	X	
LL3mw-233	FWGLL3mw-233C-0624-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam2-Trip				X	X	X	X	X	
LL3mw-234	FWGLL3mw-234C-0625-GW/GF	04/08/08	GW	DUP2-0746	EQUIPRinse2-0774	FWGTeam1-Trip		FWGLL3mw-234C-0760S-GW/GF	Trip Blank	X	X	X	X	X	
LL3mw-235	FWGLL3mw-235C-0626-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam3-Trip				X	X	X	X	X	
LL3mw-237	FWGLL3mw-237C-0627-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam1-Trip				X	X	X	X	X	
LL3mw-240	FWGLL3mw-240C-0628-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam4-Trip				X	X	X	X	X	
LL3mw-241	FWGLL3mw-241C-0629-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam3-Trip				X	X	X	X	X	
LL3mw-243	FWGLL3mw-243C-0630-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam2-Trip				X	X	X	X	X	
LL4mw-193	FWGLL4mw-193C-0631-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam4-Trip				X	X	X	X	X	
LL4mw-194	FWGLL4mw-194C-0632-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam5-Trip				X	X	X	X	X	
LL4mw-195	FWGLL4mw-195C-0633-GW/GF	04/08/08	GW		EQUIPRinse2-0774	FWGTeam5-Trip				X	X	X	X	X	
B12mw-011	FWGB12mw-011C-0784-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam3-Trip				X	X	X	X	X	
B12mw-012	FWGB12mw-012C-0785-GW/GF	04/09/08*	GW		EQUIPRinse4-0776	FWGTeam1-Trip040908				X	X	X	X	X	
CBPmw-001	FWGCBPmw-001C-0654-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam4-Trip	Yes			X	X	X	X	X	
CBPmw-002	FWGCBPmw-002C-0655-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam5-Trip				X	X	X	X	X	
CBPmw-003	FWGCBPmw-003C-0656-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam5-Trip				X	X	X	X	X	
CBPmw-004	FWGCBPmw-004C-0657-GW/GF	04/09/08	GW	DUP11-0755	EQUIPRinse3-0775	FWGTeam5-Trip		FWGCBPmw-004C-0769S-GW/GF	FWG-TRIPBLANK	X	X	X	X	X	
CBPmw-006	FWGCBPmw-006C-0658-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam4-Trip				X	X	X	X	X	
CBPmw-008	FWGCBPmw-008C-0659-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam5-Trip				X	X	X	X	X	
CPmw-001	FWGCPmw-001C-0660-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam3-Trip				X	X	X	X	X	
CPmw-002	FWGCPmw-002C-0655-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam2-Trip				X	X	X	X	X	
CPmw-003	FWGCPmw-003C-0662-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam3-Trip				X	X	X	X	X	
CPmw-004	FWGCPmw-004C-0663-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam1-Trip				X	X	X	X	X	
CPmw-005	FWGCPmw-005C-0664-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam1-Trip	Yes			X	X	X	X	X	
CPmw-006	FWGCPmw-006C-0665-GW/GF	04/09/08	GW	DUP12-0756	EQUIPRinse3-0775	FWGTeam2-Trip		FWGCPmw-006C-0770S-GW/GF	FWG-TRIPBLANK	X	X	X	X	X	
LL12mw-128	FWGLL12mw-128C-0638-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam1-Trip	Yes			X	X	X	X	X	X

Table 2-2 QA Table for April 2008 Sampling Event

	Contractor Laboratory							Government Laboratory		Requested Laboratory Analysis					
Sample Locations	Primary Lab Sample ID	Date	Sample Type	Assoc. QC Dup Number	Assoc. QC Rinsate Number	Assoc. QC Trip Blank Number	MS/ MSD	QA Lab Sample ID	Assoc. QC Trip Blank Number	VOCs	SVOCs	Explosives & Propellants	Pesticides / PCBs	Metals / Cyanide	Nitrate / Nitrite
LL12mw-242	FWGLL12mw-242C-0645-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam3-Trip				X	X	X	X	X	X
LL12mw-243	FWGLL12mw-243C-0646-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam1-Trip				X	X	X	X	X	X
LL12mw-244	FWGLL12mw-244C-0647-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam3-Trip				X	X	X	X	X	X
LL12mw-245	FWGLL12mw-245C-0648-GW/GF	04/09/08	GW	DUP4-0748	EQUIPRinse3-0775	FWGTeam2-Trip		FWGLL12mw-245C-0762S-GW/GF	FWG-TRIPBLANK	X	X	X	X	X	X
LL12mw-246	FWGLL12mw-246C-0649-GW/GF	04/09/08	GW		EQUIPRinse3-0775	FWGTeam3-Trip				X	X	X	X	X	X
B12mw-010	FWGB12mw-010C-0783-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam1-Trip040908				X	X	X	X	X	
CBLmw-001	FWGCBLmw-001-0650-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam1-Trip040908				X	X	X	X	X	
CBLmw-002	FWGCBLmw-002-0651-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam1-Trip040908				X	X	X	X	X	
CBLmw-003	FWGCBLmw-003-0652-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam2-Trip				X	X	X	X	X	
CBLmw-004	FWGCBLmw-004-0653-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam2-Trip				X	X	X	X	X	
LL5mw-001	FWGLL5mw-001C-0738-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam3-Trip				X	X	X	X	X	
LL5mw-002	FWGLL5mw-002C-0739-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam3-Trip				X	X	X	X	X	
LL5mw-003	FWGLL5mw-003C-0740-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam2-Trip				X	X	X	X	X	
LL5mw-004	FWGLL5mw-004C-0741-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam3-Trip				X	X	X	X	X	
LL5mw-006	FWGLL5mw-006C-0743-GW/GF	04/10/08	GW	DUP14-0758	EQUIPRinse4-0776	FWGTeam5-Trip		FWGLL5mw-006C-0772S-GW/GF	FWGTeam5-Trip	X	X	X	X	X	
LL6mw-001	FWGLL6mw-001C-0744-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam4-Trip				X	X	X	X	X	
LL6mw-002	FWGLL6mw-002C-0781-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam5-Trip				X	X	X	X	X	
LL6mw-003	FWGLL6mw-003C-0782-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam5-Trip				X	X	X	X	X	
RQLmw-007	FWGRQLmw-007C-0713-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam3-Trip				X	X	X	X	X	
RQLmw-008	FWGRQLmw-008C-0714-GW/GF	04/10/08	GW	DUP5-0749	EQUIPRinse4-0776	FWGTeam3-Trip	Yes	FWGRQLmw-008C-0763S-GW/GF	Trip Blank	X	X	X	X	X	
RQLmw-009	FWGRQLmw-009C-0715-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam2-Trip				X	X	X	X	X	
RQLmw-012	FWGRQLmw-012C-0716-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam4-Trip				X	X	X	X	X	
RQLmw-013	FWGRQLmw-013C-0717-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam4-Trip				X	X	X	X	X	
RQLmw-014	FWGRQLmw-014C-0718-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam2-Trip				X	X	X	X	X	
RQLmw-015	FWGRQLmw-015C-0719-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam5-Trip				X	X	X	X	X	
RQLmw-016	FWGRQLmw-016C-0720-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam4-Trip				X	X	X	X	X	
RQLmw-017	FWGRQLmw-017C-0721-GW/GF	04/10/08	GW		EQUIPRinse4-0776	FWGTeam5-Trip				X	X	X	X	X	
DA2mw-104	FWGDA2mw-104C-0668-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam4-Trip				X	X	X	X	X	
DA2mw-105	FWGDA2mw-105C-0669-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam2-Trip				X	X	X	X	X	
DA2mw-106	FWGDA2mw-106C-0670-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam4-Trip				X	X	X	X	X	
DA2mw-108	FWGDA2mw-108C-0671-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam5-Trip				X	X	X	X	X	
DA2mw-109	FWGDA2mw-109C-0672-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam1-Trip				X	X	X	X	X	
DA2mw-110	FWGDA2mw-110C-0673-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam3-Trip	Yes			X	X	X	X	X	
DA2mw-111	FWGDA2mw-111C-0674-GW/GF	04/11/08	GW	DUP8-0752	EQUIPRinse5-0777	FWGTeam1-Trip		FWGDA2mw-111C-0766S-GW/GF	Trip Blank 041108	X	X	X	X	X	
DA2mw-112	FWGDA2mw-112C-0675-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam2-Trip				X	X	X	X	X	
DA2mw-113	FWGDA2mw-113C-0676-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam2-Trip				X	X	X	X	X	
DET-003	FWGDETmw-003C-0666-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam2-Trip				X	X	X	X	X	
DET-004	FWGDETmw-004C-0667-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam2-Trip				X	X	X	X	X	
LL5mw-005	FWGLL5mw-005C-0742-GW/GF	04/11/08	GW		EQUIPRinse5-0777	FWGTeam5-Trip	Yes			X	X	X	X	X	
FBQmw-166	FWGFBQmw-166C-0685-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam1-Trip				X	X	X	X	X	
FBQmw-167	FWGFBQmw-167C-0686-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam2-Trip				X	X	X	X	X	
FBQmw-168	FWGFBQmw-168C-0687-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam5-Trip				X	X	X	X	X	
FBQmw-169	FWGFBQmw-169C-0688-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam5-Trip				X	X	X	X	X	
FBQmw-170	FWGFBQmw-170C-0689-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam4-Trip				X	X	X	X	X	
FBQmw-171	FWGFBQmw-171C-0690-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam3-Trip				X	X	X	X	X	
FBQmw-172	FWGFBQmw-172C-0691-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam5-Trip				X	X	X	X	X	

Table 2-2 QA Table for April 2008 Sampling Event

	Contractor Laboratory							Government Laboratory		Requested Laboratory Analysis					
Sample Locations	Primary Lab Sample ID	Date	Sample Type	Assoc. QC Dup Number	Assoc. QC Rinsate Number	Assoc. QC Trip Blank Number	MS/ MSD	QA Lab Sample ID	Assoc. QC Trip Blank Number	VOCs	SVOCs	Explosives & Propellants	Pesticides / PCBs	Metals / Cyanide	Nitrate / Nitrite
FBQmw-173	FWGFBQmw-173C-0692-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam3-Trip				X	X	X	X	X	
FBQmw-174	FWGFBQmw-174C-0693-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam2-Trip	Yes			X	X	X	X	X	
FBQmw-175	FWGFBQmw-175C-0694-GW/GF	04/14/08	GW	DUP7-0751	EQUIPRinse6-0778	FWGTeam1-Trip		FWGFBQmw-175C-0765S-GW/GF	Trip Blank	X	X	X	X	X	
FBQmw-176	FWGFBQmw-176C-0695-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam4-Trip				X	X	X	X	X	
FBQmw-177	FWGFBQmw-177C-0696-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam4-Trip				X	X	X	X	X	
NTAmw-107	FWGNTAmw-107C-0701-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam4-Trip				X	X	X	X	X	
NTAmw-108	FWGNTAmw-108C-0702-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam5-Trip				X	X	X	X	X	
NTAmw-112	FWGNTAmw-112C-0706-GW/GF	04/14/08	GW		EQUIPRinse6-0778	FWGTeam3-Trip				X	X	X	X	X	
EBGmw-126	FWGEBGmw-126C-0680-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam5-Trip				X	X	X	X	X	
EBGmw-127	FWGEBGmw-127C-0681-GW/GF	04/15/08	GW	DUP6-0750	EQUIPRinse7-0779	FWGTeam5-Trip		FWGEBGmw-127C-0764S-GW/GF	FWGTeam5-Trip	X	X	X	X	X	
EBGmw-128	FWGEBGmw-128C-0682-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam4-Trip				X	X	X	X	X	
EBGmw129	FWGEBGmw-129C-0683-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam3-Trip				X	X	X	X	X	
EBGmw-130	FWGEBGmw-130C-0684-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam1-Trip	Yes			X	X	X	X	X	
MBSmw-001	FWGMBSmw-001C-0732-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam3-Trip				X	X	X	X	X	
MBSmw-002	FWGMBSmw-002C-0733-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam2-Trip				X	X	X	X	X	
MBSmw-003	FWGMBSmw-003C-0734-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam2-Trip				X	X	X	X	X	
MBSmw-004	FWGMBSmw-004C-0735-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam3-Trip				X	X	X	X	X	
MBSmw-005	FWGMBSmw-005C-0736-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam3-Trip				X	X	X	X	X	
MBSmw-006	FWGMBSmw-006C-0737-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam2-Trip				X	X	X	X	X	
NTAmw-109	FWGNTAmw-109C-0703-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam1-Trip				X	X	X	X	X	
NTAmw-110	FWGNTAmw-110C-0704-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam1-Trip				X	X	X	X	X	
NTAmw-111	FWGNTAmw-111C-0705-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam1-Trip	Yes			X	X	X	X	X	
NTAmw-113	FWGNTAmw-113C-0707-GW/GF	04/15/08	GW	DUP10-0754	EQUIPRinse7-0779	FWGTeam5-Trip		FWGNTAmw-113C-0768S-GW/GF	FWGTeam5-Trip	X	X	X	X	X	
NTAmw-114	FWGNTAmw-114C-0708-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam5-Trip				X	X	X	X	X	
NTAmw-115	FWGNTAmw-115C-0709-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam4-Trip				X	X	X	X	X	
NTAmw-116	FWGNTAmw-116C-0710-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam4-Trip				X	X	X	X	X	
NTAmw-117	FWGNTAmw-117C-0711-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam4-Trip				X	X	X	X	X	
NTAmw-118	FWGNTAmw-118C-0712-GW/GF	04/15/08	GW		EQUIPRinse7-0779	FWGTeam5-Trip				X	X	X	X	X	
EBGmw-123	FWGEBGmw-123C-0677-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam1-Trip				X	X	X	X	X	
EBGmw-124	FWGEBGmw-124C-0678-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam1-Trip				X	X	X	X	X	
EBGmw-125	FWGEBGmw-125C-0679-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam3-Trip				X	X	X	X	X	
LNWmw-024	FWGLNWmw-024C-0697-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam2-Trip				X	X	X	X	X	
LNWmw-025	FWGLNWmw-025C-0698-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam2-Trip	Yes			X	X	X	X	X	
LNWmw-026	FWGLNWmw-026C-0699-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam3-Trip				X	X	X	X	X	
LNWmw-027	FWGLNWmw-027C-0700-GW/GF	04/16/08	GW	DUP13-0757	EQUIPRinse8-0780	FWGTeam3-Trip		FWGLNWmw-027C-0771S-GW/GF	Trip Blank	X	X	X	X	X	
WBGmw-005	FWGWBGmw-005C-0722-GW/GF	04/16/08	GW	DUP9-0753	EQUIPRinse8-0780	FWGTeam5-Trip		FWGWBGmw-005C-0767S-GW/GF	Trip Blank	X	X	X	X	X	
WBGmw-008	FWGWBGmw-008C-0723-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam1-Trip				X	X	X	X	X	
WBGmw-010	FWGWBGmw-010C-0724-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam1-Trip	Yes			X	X	X	X	X	
WBGmw-011	FWGWBGmw-011C-0725-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam1-Trip				X	X	X	X	X	
WBGmw-012	FWGWBGmw-012C-0726-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam4-Trip				X	X	X	X	X	
WBGmw-013	FWGWBGmw-013C-0727-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam4-Trip				X	X	X	X	X	
WBGmw-014	FWGWBGmw-014C-0728-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam4-Trip				X	X	X	X	X	
WBGmw-015	FWGWBGmw-015C-0729-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam1-Trip				X	X	X	X	X	
WBGmw-016	FWGWBGmw-016C-0730-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam4-Trip				X	X	X	X	X	
WBGmw-017	FWGWBGmw-017C-0731-GW/GF	04/16/08	GW		EQUIPRinse8-0780	FWGTeam1-Trip				X	X	X	X	X	

*Sample collected over 24-hour period due to insufficient volume in well and slow recharge.

SECTION 3

RESULTS

3.1 Groundwater Elevations

Groundwater elevations for the FWGWMP monitoring wells were obtained on April 2, 3, 7, and 8, 2008 as described in Section 2.1. The groundwater elevations for the FWGWMP wells are presented in Table 3-1. Facility-wide groundwater potentiometric maps (Plates 1, 2, and 3) based on all RVAAP groundwater measurements taken during the October 2007 event are also included in this report.

3.1.1 Redevelopment Activities

EQM reviewed the sediment accumulation footages and the description of bottom for the wells. Several wells that were sampled in January 2008 exhibited high turbidity or had elevated sediment accumulation. These wells were redeveloped prior to the April 2008 sampling event. The wells that were redeveloped are as follows: LL3mw-233, LL3mw-241, LL4mw-194, LL12mw-113, and LL12mw-244. The pre- and post-redevelopment well depths are presented below. Sediment accumulation levels are presented in Table 3-1. EQM will continue to monitor the sediment accumulation, descriptions of bottom, and the chance for turbidity increases at all of the wells sampled at RVAAP

Developed Wells – April 2008

Well Identification	Initial Depth of Well (feet)	Post-Development Depth of Well (feet)	Condition of Bottom
LL3mw-233	32.73	32.73	Hard
LL3mw-241	22.81	25.53	Hard
LL4mw-194	22.75	23.60	Soft
LL12mw-113	19.00	21.01	Soft
LL12mw-244	30.18	32.13	Soft

It should be noted that the viscosity of the sediment in the two LL12 wells resulted in clogging of the pumps being used to develop the wells. It should also be noted that immediately after development the depth of LL12mw-113 was measured at 21.01 feet. An additional well depth measurement was taken approximately 24-hours later. The measured depth was 20.72 feet a difference of 0.29 feet over a 24-hour period. LL12mw-113 is an artesian well that generally takes up to 1-hour to stabilize depth to water after removing the well lid. Despite the apparent sediment accumulation in this well there is still 7.9-feet of well screen exposed. This situation will continue to be monitored to ensure that representative samples of the groundwater from this well are being collected.

3.1.2 Sediment Accumulation for the April 2008 Event

EQM reviewed the sediment accumulation footages and the description of bottom for the wells. The majority of wells at RVAAP indicate a <0.20 foot accumulation of sediment with a hard bottom indicated. Several wells have indicated a >0.50 foot accumulation when compared to the original reported construction depths and most were not highly turbid wells. The correlation of well with sediment accumulation versus high turbidity has not been established based on the past one quarter of data. Additionally, the sediment accumulation in April versus October compared to historical data has not established a correlation to a potential increase of sediment accumulation. Neither has the turbidity in these wells shown a trend of increases during the past two quarters. However, due to the amount of apparent sediment accumulation it appears that several wells may need to be redeveloped. The depths will be checked and verified during the annual water level measurement event conducted in July 2008. A list of wells to be redeveloped will be prepared as part of the annual maintenance event. EQM will continue to monitor the sediment accumulation, descriptions of bottom, and the chance for turbidity increases at all of the wells sampled at RVAAP.

To minimize turbid samples, low flow purging and sampling techniques are used. The pumps are suspended at least one foot above the bottom of the well to avoid agitation of the sediment potentially accumulating in the well sump. Additionally, in-line field filtering of metals samples is currently employed to mitigate high sample turbidity. EQM will continue to monitor any high turbidity readings and make a determination for future redevelopment and other evaluation of any affected wells.

3.2 Summary of Analytical Results

Summaries of laboratory analytical results are presented in Tables 3-2, 3-3, 3-5, 3-6, and 3-7. Appendix D presents the Laboratory Data Sheets. A brief summary of the detected compounds and elements are presented in the following sub-sections. The data presented in the tables are the validated and verified data. Data verification and validation is discussed in Section 3.3 and Appendix D. While reviewing the summary of analytical results please note the following:

- The screening levels referenced in the analytical summary tables are the 40 CFR Part 141 National Primary Drinking Water Regulations, Maximum Contaminant Levels (MCLs); and the Region 9 Preliminary Remediation Goals (PRGs) for tap water. MCLs are referenced as the screening criteria (for constituents not having an MCL, the Region 9 PRG is used). Also used as screening levels for metals are the RVAAP Facility-Wide Background Criteria referenced in Table 3-4.

Table 3-1 April 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2007 3rd Quarter Groundwater Elevation (Oct/2007) (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	Depth to Water (ft below TOC) April/2008	Reported Construction Depth from TOC[a] (ft)	April/2008 Measured Depth from TOC (ft)	April/2008 Sediment Accumulation (ft)	April/2008 Description of Bottom
Loadline 1										
LL1mw-063	Sharon	994.84	967.10	966.51	972.12	22.72	30.0	30.07	-0.07	hard
LL1mw-064	Unconsolidated	935.10	931.24	*FROZEN*	934.47	0.63	21.1	21.25	-0.15	medium
LL1mw-065	Unconsolidated	944.41	929.82	932.50	934.63	9.78	23.4	23.05	0.35	medium
LL1mw-079	Sharon	997.87	965.58	965.25	967.15	30.72	42.0	41.88	0.12	hard
Loadline 2										
LL2mw-060	Sharon	961.57	950.66	951.42	953.03	8.54	20.9	20.79	0.11	hard
LL2mw-261	Sharon	1,011.40	1,003.30	1,004.08	1,005.00	6.40	21.9	22.42	-0.52	hard
LL2mw-264	Sharon	1,011.88	1,001.73	1,005.01	1,006.43	5.45	21.7	22.36	-0.66	hard
LL2mw-265	Sharon	961.24	950.76	951.39	952.69	8.55	23.8	24.39	-0.59	hard
LL2mw-268	Sharon	1,017.28	1,001.08	1,002.32	1,003.21	14.07	29.3	29.85	-0.55	hard
LL2mw-270	Sharon	1,010.18	998.65	1,002.04	1,002.98	7.20	20.3	22.38	-2.08	hard
Loadline 3										
LL3mw-232	Sharon	1,000.41	977.08	979.18	982.28	18.13	38.8	39.82	-1.02	hard
LL3mw-233	Sharon	1,004.36	977.36	977.96	978.56	25.80	32.2	32.73	-0.53	hard
LL3mw-234	Sharon	1,006.56	995.57	995.77	996.84	9.72	22.1	22.62	-0.52	hard
LL3mw-235	Sharon	1,009.94	988.11	991.39	993.71	16.23	22.2	22.92	-0.72	hard
LL3mw-237	Sharon	1,005.57	985.77	989.87	991.72	13.85	24.9	25.50	-0.60	hard
LL3mw-240	Sharon	1,007.52	978.59	978.75	982.79	24.73	36.5	36.66	-0.16	soft
LL3mw-241	Sharon	994.65	979.68	983.70	987.12	7.53	25.1	25.53	-0.43	hard
LL3mw-243	Sharon	991.16	972.80	977.61	982.51	8.65	25.8	26.34	-0.54	hard
Loadline 4										
LL4mw-193	Unconsolidated	982.92	972.69	975.47	976.72	6.20	23.5	24.29	-0.79	hard
LL4mw-194	Unconsolidated	983.76	973.07	975.81	977.17	6.59	23.4	23.60	-0.20	soft
LL4mw-195	Unconsolidated	982.59	970.92	972.02	973.34	9.25	22.3	22.85	-0.55	hard
LL4mw-200	Unconsolidated	987.93	969.54	970.29	970.98	16.95	25.0	25.22	-0.22	hard
Loadline 12										
LL12mw-088	Unconsolidated	981.06	973.03	973.58	974.21	6.85	27.1	27.51	-0.41	hard
LL12mw-107	Unconsolidated	980.15	969.02	969.27	971.25	8.90	33.1	33.64	-0.54	hard
LL12mw-113	Sharon	980.18	972.06	970.70	971.58	8.60	25.0	20.72	4.28	soft
LL12mw-128	Unconsolidated	978.24	967.24	968.44	968.55	9.69	33.3	34.12	-0.82	medium
LL12mw-154	Unconsolidated	979.06	968.66	970.44	971.17	7.89	28.7	28.74	-0.04	hard
LL12mw-184	Unconsolidated	983.16	968.89	970.32	971.37	11.79	31.2	31.34	-0.14	hard
LL12mw-185	Unconsolidated	981.31	970.68	973.11	973.98	7.33	23.2	23.23	-0.03	hard
LL12mw-187	Unconsolidated	979.94	968.02	970.54	971.55	8.39	29.4	29.88	-0.48	hard
LL12mw-188	Unconsolidated	980.63	972.98	975.78	976.45	4.18	22.2	22.18	0.02	hard
LL12mw-189	Sharon	978.04	970.36	974.24	966.04	12.00	19.6	20.04	-0.44	hard
LL12mw-242	Unconsolidated	981.20	969.40	972.55	973.43	7.77	28.3	29.29	-0.99	hard
LL12mw-243	Unconsolidated	980.79	970.86	971.04	971.74	9.05	25.7	25.63	0.07	hard
LL12mw-244	Unconsolidated	980.65	968.07	970.55	971.68	8.97	32.1	32.31	-0.21	hard
LL12mw-245	Unconsolidated	980.04	970.92	971.69	971.52	8.52	30.5	30.25	0.25	medium
LL12mw-246	Unconsolidated	984.83	966.42	967.73	968.94	15.89	34.3	35.00	-0.70	hard

Table 3-1 April 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2007 3rd Quarter Groundwater Elevation (Oct/2007) (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	Depth to Water (ft below TOC) April/2008	Reported Construction Depth from TOC[a] (ft)	April/2008 Measured Depth from TOC (ft)	April/2008 Sediment Accumulation (ft)	April/2008 Description of Bottom
Loadline 5										
LL5mw-001	Homewood	1,127.92	1,106.18	NM	1,109.97	17.95	26.9	27.02	-0.12	hard
LL5mw-002	Homewood	1,128.68	1,106.20	NM	1,110.13	18.55	27.90	27.43	0.47	soft
LL5mw-003	Unconsolidated	1,127.70	1,106.36	NM	1,110.85	16.85	24.00	23.92	0.08	hard
LL5mw-004	Homewood	1,125.81	1,106.11	NM	1,110.33	15.48	24.90	25.34	-0.44	hard
LL5mw-005	Homewood	1,129.42	1,106.17	NM	1,110.05	19.37	29.90	29.70	0.20	hard
LL5mw-006	Homewood	1,128.00	1,106.17	NM	1,110.05	17.95	26.90	27.02	-0.12	hard
Loadline 6										
LL6mw-001	Unconsolidated	1,124.16	1,107.79	NM	1,113.01	11.15	17.0	17.53	-0.53	hard
LL6mw-002	Unconsolidated	1,129.36	1,106.64	NM	1,111.34	18.02	22.5	24.43	-1.93	hard
LL6mw-003	Homewood	1,125.38	1,107.51	NM	1,111.33	14.05	25.9	25.69	0.21	hard
Building 1200										
BL12mw-010	Unconsolidated	1,005.92	985.29	NM	991.19	14.73	23.2	22.82	0.38	hard
BL12mw-011	Unconsolidated	1,006.70	983.68	NM	984.77	21.93	26.9	26.67	0.23	hard
BL12mw-012	Unconsolidated	1,006.32	983.87	NM	982.20	24.12	24.9	24.80	0.10	hard
C-Block Quarry										
CBLmw-001	Homewood	1,181.08	1,136.55	NM	1,141.78	39.30	51.6	49.69	1.91	hard
CBLmw-002	Homewood	1,175.24	1,136.21	NM	1,141.14	34.10	47.2	47.33	-0.13	medium
CBLmw-003	Homewood	1,175.06	1,137.36	NM	1,144.92	30.14	45.8	44.70	1.10	hard
CBLmw-004	Homewood	1,174.84	1,137.44	NM	1,142.99	31.85	46.8	47.01	-0.21	medium
Central Burn Pits										
CBPmw-001	Unconsolidated	975.84	961.17	NM	963.69	12.15	34.9	32.67	2.23	soft
CBPmw-002	Unconsolidated	970.04	958.95	NM	962.02	8.02	32.2	32.00	0.20	medium
CBPmw-003	Unconsolidated	974.67	959.89	NM	963.73	10.94	27.1	30.19	-3.09	hard
CBPmw-004	Unconsolidated	971.13	958.81	NM	961.57	9.56	29.5	29.71	-0.21	medium
CBPmw-006	Unconsolidated	967.64	958.32	NM	960.95	6.69	25.1	25.31	-0.21	medium
CBPmw-008	Unconsolidated	973.19	956.11	NM	958.39	14.80	27.6	27.90	-0.30	hard
Cobbs Pond										
CPmw-001	Unconsolidated	975.26	968.44	NM	973.31	1.95	15.3	14.70	0.60	hard
CPmw-002	Unconsolidated	972.31	967.86	NM	972.31	0.00	15.1	14.95	0.15	hard
CPmw-003	Unconsolidated	972.92	969.48	NM	971.65	1.27	17.6	17.70	-0.10	hard
CPmw-004	Unconsolidated	981.20	967.70	NM	971.71	9.49	22.2	22.53	-0.33	hard
CPmw-005	Unconsolidated	973.58	961.02	NM	963.76	9.82	42.4	43.17	-0.77	hard
CPmw-006	Unconsolidated	965.13	955.95	NM	957.18	7.95	20.2	20.63	-0.43	hard

Table 3-1 April 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2007 3rd Quarter Groundwater Elevation (Oct/2007) (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	Depth to Water (ft below TOC) April/2008	Reported Construction Depth from TOC[a] (ft)	April/2008 Measured Depth from TOC (ft)	April/2008 Sediment Accumulation (ft)	April/2008 Description of Bottom
Detonation Area 2										
DET-003	Unconsolidated	1,036.81	1,026.97	NM	1,027.48	9.33	13.0	16.02	-3.02	hard
DET-004	Unconsolidated	1,038.68	1,027.57	NM	1,028.54	10.14	12.0	13.80	-1.80	hard
DA2mw-104	Unconsolidated	1,073.89	1,052.19	NM	1,053.74	20.15	29.6	29.23	0.37	hard
DA2mw-105	Unconsolidated	1,045.34	1,041.64	NM	1,041.99	3.35	16.2	16.20	0.00	hard
DA2mw-106	Unconsolidated	1,043.79	1,038.12	NM	1,039.76	4.03	18.1	16.78	1.32	hard
DA2mw-108	Unconsolidated	1,032.36	1,025.69	NM	1,027.01	5.35	16.9	17.13	-0.23	hard
DA2mw-109	Unconsolidated	1,071.29	1,053.92	NM	1,059.92	11.37	24.1	24.30	-0.20	hard
DA2mw-110	Unconsolidated	1,063.78	1,051.29	NM	1,057.37	6.41	21.9	22.33	-0.43	hard
DA2mw-111	Unconsolidated	1,042.12	1,037.45	NM	1,037.88	4.24	14.8	14.78	0.02	hard
DA2mw-112	Unconsolidated	1,037.44	1,029.36	NM	1,030.48	6.96	16.6	17.04	-0.44	hard
DA2mw-113	Unconsolidated	1,037.11	1,028.32	NM	1,029.97	7.14	16.1	16.29	-0.19	hard
Erie Burning Grounds										
EBGmw-123	Unconsolidated	947.82	936.01	NM	937.81	10.01	33.7	34.73	-1.03	soft
EBGmw-124	Unconsolidated	941.39	935.86	NM	937.44	3.95	32.9	32.73	0.17	soft
EBGmw-125	Unconsolidated	949.89	935.67	NM	937.33	12.56	26.8	27.43	-0.63	hard
EBGmw-126	Unconsolidated	940.61	936.32	NM	938.59	2.02	27.9	27.81	0.09	hard
EBGmw-127	Unconsolidated	943.07	936.15	NM	938.92	4.15	32.4	32.82	-0.42	hard
EBGmw-128	Unconsolidated	945.13	935.91	NM	938.46	6.67	28.0	28.20	-0.20	hard
EBGmw-129	Unconsolidated	944.36	936.01	NM	939.25	5.11	28.4	31.00	-2.60	medium
EBGmw-130	Unconsolidated	944.00	935.43	NM	937.63	6.37	28.3	28.37	-0.07	hard
Fuze & Booster Quarry										
FBQmw-166	Unconsolidated	1,108.86	1,102.53	NM	1,104.11	4.75	19.5	19.70	-0.20	hard
FBQmw-167	Unconsolidated	1,115.90	1,109.69	NM	1,111.72	4.18	18.9	18.94	-0.04	hard
FBQmw-168	Homewood	1,133.91	1,120.63	NM	1,125.12	8.79	21.6	21.27	0.33	medium
FBQmw-169	Homewood	1,120.58	1,112.22	NM	1,115.88	4.70	18.2	18.06	0.14	hard
FBQmw-170	Homewood	1,142.26	1,122.45	NM	1,128.26	14.00	32.6	32.67	-0.07	hard
FBQmw-171	Homewood	1,143.55	1,122.81	NM	1,129.95	13.60	31.1	31.40	-0.30	hard
FBQmw-172	Homewood	1,150.09	1,121.95	NM	1,126.51	23.58	34.4	34.37	0.03	medium
FBQmw-173	Homewood	1,165.94	1,122.64	NM	1,124.26	41.68	53.0	51.67	1.33	medium
FBQmw-174	Homewood	1,139.97	1,121.83	NM	1,127.80	12.17	26.2	22.85	3.35	hard
FBQmw-175	Homewood	1,140.73	1,121.88	NM	1,126.85	13.88	25.6	25.74	-0.14	medium
FBQmw-176	Unconsolidated	1,131.91	1,120.80	NM	1,125.06	6.85	23.3	24.08	-0.78	soft
FBQmw-177	Homewood	1,128.57	1,112.87	NM	1,118.17	10.40	24.8	24.80	0.00	soft
Landfill North of Winklepeck										
LNWmw-024	Unconsolidated	1,038.00	1,023.11	NM	1,027.58	10.42	22.7	22.53	0.17	hard
LNWmw-025	Unconsolidated	1,029.13	1,023.37	NM	1,025.25	3.88	19.9	20.30	-0.40	hard
LNWmw-026	Unconsolidated	1,027.80	1,015.08	NM	1,024.25	3.55	25.8	26.00	-0.20	hard
LNWmw-027	Unconsolidated	1,027.13	1,016.99	NM	1,021.38	5.75	26.7	26.83	-0.13	hard

Table 3-1 April 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2007 3rd Quarter Groundwater Elevation (Oct/2007) (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	Depth to Water (ft below TOC) April/2008	Reported Construction Depth from TOC[a] (ft)	April/2008 Measured Depth from TOC (ft)	April/2008 Sediment Accumulation (ft)	April/2008 Description of Bottom
NACA Test Area										
NTAmw-107	Unconsolidated	1,080.30	1,067.00	NM	1,068.92	11.38	24.6	24.34	0.26	medium
NTAmw-108	Unconsolidated	1,085.62	1,067.28	NM	1,069.21	16.41	24.4	25.50	-1.10	soft
NTAmw-109	Unconsolidated	1,079.84	1,067.11	NM	1,069.51	10.33	20.9	20.89	0.01	hard
NTAmw-110	Unconsolidated	1,082.62	1,067.42	NM	1,069.83	12.79	29.6	29.75	-0.15	medium
NTAmw-111	Unconsolidated	1,080.94	1,074.39	NM	1,072.68	8.26	22.4	22.06	0.34	medium
NTAmw-112	Unconsolidated	1,078.33	1,068.35	NM	1,070.57	7.76	26.9	26.61	0.29	medium
NTAmw-113	Unconsolidated	1,075.68	1,067.57	NM	1,069.94	5.74	30.6	29.55	1.05	soft
NTAmw-114	Unconsolidated	1,078.71	1,070.71	NM	1,073.58	5.13	22.6	22.79	-0.19	hard
NTAmw-115	Unconsolidated	1,089.65	1,073.20	NM	1,076.53	13.12	25.2	25.28	-0.08	hard
NTAmw-116	Unconsolidated	1,094.33	1,086.31	NM	1,089.70	4.63	22.6	22.56	0.04	hard
NTAmw-117	Unconsolidated	1,094.54	1,077.98	NM	1,081.85	12.69	27.4	27.75	-0.35	hard
NTAmw-118	Unconsolidated	1,081.44	1,070.85	NM	1,073.72	7.72	24.6	24.69	-0.09	hard
Ramsdell Quarry										
RQLmw-007	Sharon	965.91	957.81	NM	961.63	4.28	18.2	18.57	-0.37	hard
RQLmw-008	Sharon	966.08	958.11	NM	961.69	4.39	18.5	18.62	-0.12	hard
RQLmw-009	Sharon	964.58	957.85	NM	961.63	2.95	18.4	18.79	-0.39	hard
RQLmw-012	Sharon	977.65	954.11	NM	957.46	20.19	32.5	32.61	-0.11	hard
RQLmw-013	Sharon	980.71	953.84	NM	955.97	24.74	36.6	36.41	0.19	hard
RQLmw-014	Sharon	973.49	951.97	NM	955.16	18.33	31.6	31.14	0.46	Soft
RQLmw-015	Sharon	991.26	958.94	NM	960.46	30.80	41.6	41.99	-0.39	medium
RQLmw-016	Sharon	996.6	960.97	NM	961.71	34.89	41.6	41.64	-0.04	hard
RQLmw-017	Sharon	991.23	960.58	NM	962.54	28.69	32.5	32.70	-0.20	hard
Winklepeck Burning Grounds										
WBGmw-005	Unconsolidated	1,054.70	1,046.38	NM	1,050.38	4.32	21.1	21.11	-0.01	medium
WBGmw-008	Unconsolidated	1,008.21	991.83	NM	993.89	14.32	21.0	20.81	0.19	hard
WBGmw-010	Unconsolidated	1,069.85	1,060.07	NM	1,063.85	6.00	23.6	23.33	0.27	hard
WBGmw-011	Unconsolidated	1,072.38	1,060.11	NM	1,063.43	8.95	24.0	23.81	0.19	medium
WBGmw-012	Unconsolidated	1,079.11	1,054.90	NM	1,060.21	18.90	32.0	32.61	-0.61	hard
WBGmw-013	Unconsolidated	1,071.70	1,059.04	NM	1,062.52	9.18	23.9	24.12	-0.22	hard
WBGmw-014	Unconsolidated	996.78	978.88	NM	982.09	14.69	25.0	24.98	0.02	hard
WBGmw-015	Unconsolidated	1,011.60	996.77	NM	1,001.40	10.20	23.8	23.51	0.29	hard
WBGmw-016	Unconsolidated	997.03	978.30	NM	981.80	15.23	25.4	25.21	0.19	soft
WBGmw-017	Unconsolidated	1,006.62	995.58	NM	999.47	7.15	23.9	23.69	0.21	medium

Table 3-1 April 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2007 3rd Quarter Groundwater Elevation (Oct/2007) (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	Depth to Water (ft below TOC) April/2008	Reported Construction Depth from TOC[a] (ft)	April/2008 Measured Depth from TOC (ft)	April/2008 Sediment Accumulation (ft)	April/2008 Description of Bottom
Suspected Mustard Agent Burial Site										
MBSmw-001	Unconsolidated	1,082.20	1,064.11	NM	1,065.75	16.45	31.5	30.92	0.58	hard
MBSmw-002	Unconsolidated	1,083.22	1,064.70	NM	1,066.38	16.84	30.7	30.33	0.37	hard
MBSmw-003	Unconsolidated	1,084.45	1,065.22	NM	1,066.91	17.54	30.5	30.68	-0.18	hard
MBSmw-004	Unconsolidated	1,081.80	1,064.51	NM	1,066.11	15.69	27.0	26.55	0.45	hard
MBSmw-005	Unconsolidated	1,082.42	1,064.07	NM	1,065.70	16.72	30.2	30.00	0.20	medium
MBSmw-006	Unconsolidated	1,081.83	1,064.03	NM	1,065.64	16.19	28.2	28.08	0.12	hard

a = Elevations are in feet above mean sea level (amsl)
NM = New wells added to the sampling sxhedule, not measured in January 2008
Note: CPmw-002 was an artesian well with a negative water level.

- As discussed in Section 3.3, under the data validation process data are qualified by EQM's validator following the guidelines and qualifier requirements set forth by the FWSAP, QAPP and the current Louisville Chemistry Guidelines (LCG) (i.e., data are either accepted or requalified per the requirements of the LCG). This results in the flags designated by EQM sometimes differing from those in the laboratory data sheets. The flags designated by the validator override any laboratory flagging of the data by the laboratory. For a complete explanation of the data qualifiers used for each constituent refer to Section 3.3 and to the Data Verification Summary Reports found in Appendix D.

- For purposes of consistency, all detected concentrations that are elevated above both the method detection limit (MDL) and the above referenced screening levels are called out in the following text. In the tables, the compounds and elements that were detected above the method detection limit are presented in bold numbers. This includes constituents flagged as estimated.

- Several analytical methods used to analyze a number of explosives, VOCs, SVOCs, and pesticides currently do not meet the RVAAP QAPP reporting limits or Region 9 preliminary remediation goals (PRGs). Tables listing the reporting limits that currently do not meet the RVAAP QAPP PQLs and/or Region 9 PRG levels are presented in Appendix F.

3.2.1 Explosives and Propellants

Explosive and propellant compound analytical results, including nitrate-nitrites, are summarized in Table 3-2. The following compounds were detected at concentrations above the method detection limits:

- 1,3,5-Trinitrobenzene – LL1mw-063 (0.087 µg/L J), LL1mw-079 (0.039 µg/L J), LL3mw-241 (24 µg/L),CBPmw-001 (0.031 µg/L J) . There is no MCL for 1,3,5-Trinitrobenzene. The Region 9 PRG is 1,100 µg/L.

- 2,4,6-Trinitrotoluene – LL1mw-063 (0.27 µg/L), LL3mw-234 (0.061 µg/L J), LL3mw-241 (12 µg/L), DET-004 (0.097 µg/L J), FBQmw-173 (0.09 µg/L J), FBQmw-174 (62 µg/L). There is no MCL for 2,4,6-Trinitrotoluene. The Region 9 PRG is 2.2 µg/L.

- 2,4-Dinitrotoluene – LL1mw-063 (0.13µg/L), LL1mw-079 (0.078 µg/L J), LL3mw-237 (0.06 µg/L J), WBGmw-013 (0.058 µg/L J). There is no MCL for 2,4-Dinitrotoluene. The Region 9 PRG is 73 µg/L.

- 2,6-Dinitrotoluene – LL1mw-063 (0.32 µg/L), LL1mw-079 (0.057 µg/L J), LL2mw-265 (0.092 µg/L J), LL3mw-237 (0.061 µg/L J), LL3mw-241 (0.3 µg/L J), LL12mw-245 (0.1 µg/L J), CBPmw-008 (0.053 µg/L J),

CPmw-003 0.054 µg/L J), DA2mw-104 (0.069 µg/L J), DA2mw-108 (0.056 µg/L J), DA2mw-113 (0.068 µg/L J), RQLmw-012 (0.071 µg/L J), FBQmw-171 (0.052 µg/L J), FBQ-172 (0.063 µg/L J), NTAmw-114 (0.052 µg/L J), NTAmw-115 (0.077 µg/L J), NTAmw-118 (0.058 µg/L J). There is no MCL for 2,6-Dinitrotoluene. The Region 9 PRG is 36 µg/L.

- 2-Amino-4,6-dinitrotoluene – LL1mw-063 (0.99 µg/L), LL1mw-079 (1.6 µg/L), LL3mw-234 (0.41 µg/L J), LL3mw-237 (3 µg/L J), LL3mw-241 (4 µg/L), FBQmw-173 (0.31 µg/L), FBQmw-174 (21 µg/L), WBGmw-013 (0.91 µg/L J). There is no MCL or Region 9 PRG for 2-Amino-4,6-dinitrotoluene.

- 2-Nitrotoluene – LL5mw-005 (0.2 µg/L J), EBGmw-123 (0.18 µg/L J), EBGmw-129 (0.12 µg/L J), MBSmw-001 (0.15 µg/L J), WBGmw-008 (0.26 µg/L J), WBGmw-014 (0.39 µg/L J). There is no MCL for 2-Nitrotoluene. The Region 9 PRG is 110 µg/L.

- 4-Amino-2,6-dinitrotoluene – LL1mw-063 (3.2 µg/L), LL1mw-079 (2.1 µg/L), LL3mw-234 (0.72 µg/L J), LL3mw-237 (4.9 µg/L J), LL3mw-241 (5 µg/L), FBQmw-170 (0.063 µg/L J), FBQmw-173 (0.39 µg/L), FBQmw-174 (21 µg/L), WBGmw-013 (0.49 µg/L J). There is no MCL or Region 9 PRG for 4-Amino-2,6-dinitrotoluene.

- 4-Nitrotoluene – LL12mw-244 (0.1 µg/L J). There is no MCL for 4-Nitrotoluene. The Region 9 PRG is 3.2 µg/L.

- HMX – LL1mw-063 (1.2 µg/L), LL1mw-079 (0.77 µg/L), LL2mw-265 (0.04 µg/L J), LL3mw-234 (0.046 µg/L J), LL3mw-237 (0.086 µg/L J), LL3mw-241 (0.47 µg/L J), LL5mw-005 (0.066 µg/L J), LL12mw-113 (0.058 µg/L J), LL12mw-185 (0.067 µg/L J), DET-004 (2.1 µg/L J), MBSmw-005 (0.087 µg/L J). There is no MCL for HMX. The Region 9 PRG is 1,800 µg/L.

- Nitrobenzene – EBGmw-123 (0.09 µg/L J), EBGmw-124 (0.057 µg/L J), FBQmw-170 (0.054 µg/L J), LNWmw-024 (0.066 µg/L J), NTAmw-112 (0.077 µg/L J), NTAmw-115 (0.076 µg/L J), WBGmw-005 (0.092 µg/L J), WBGmw-014 (0.058 µg/L J), WBGmw-016 (0.089 µg/L J). There is no MCL for nitrobenzene. The Region 9 PRG is 3.4 µg/L.

- Nitrocellulose –LL12mw-113 (0.13 µg/L J), LL12mw-185 (0.49 µg/L J), LL12mw-187 (6.3 µg/L J), LL12mw-243 (0.15 µg/L J), B12mw-010 (0.19 µg/L J), CBPmw-0.13 µg/L J), CPmw-005 (0.18 µg/L J). There is no MCL or Region 9 PRG for Nitrocellulose.

- RDX – LL1mw-063 (0.54 µg/L), LL1mw-079 (1.9 µg/L), LL3mw-234 (0.45 µg/L J), LL3mw-237 (0.16 µg/L J), LL3mw-241 (1.6 µg/L J), DET-004 (2.9 µg/L), RQLmw-012 (0.15 µg/L). There is no MCL for RDX. The Region 9 PRG is 0.61 µg/L.

- Nitrate-Nitrite –LL12mw-185 (0.8 mg/L), LL12mw-187 (200 mg/L), LL12mw-188 (0.05 mg/L), LL12mw-245 (0.08 mg/L J). The MCL and Region 9 PRG are both 1 mg/L for nitrite. The MCL and Region 9 PRG for nitrate are 10 mg/L.

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LL1mw-063	LL1mw-064	LL1mw-065	LL1mw-079	LL2mw-060	LL2mw-261	LL2mw-264
Sample ID		MCL	Region 9 PRG	FWGLL1mw-063C-0613-GW	FWGLL1mw-064C-0614-GW	FWGLL1mw-065C-0615-GW	FWGLL1mw-079C-0616-GW	FWGLL2mw-060C-0617-GW	FWGLL2mw-261C-0618-GW	FWGLL2mw-264C-0619-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	**0.087 J**	0.11 U	0.11 U	**0.039 J**	0.13 U	0.11 U	0.11 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.11 U	0.11 U	0.11 U	0.1 U	0.13 U	0.11 U	0.11 U
2,4,6-Trinitrotoluene	µg/L	NS	2.2	**0.27**	0.11 U	0.11 U	0.1 U	0.13 U	0.11 U	0.11 U
2,4-Dinitrotoluene	µg/L	NS	73	**0.13**	0.11 U	0.11 U	**0.078 J**	0.13 U	0.11 U	0.11 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.32**	0.11 U	0.11 U	0.1 U	0.13 U	0.11 U	0.11 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	**0.99**	0.11 U	0.11 U	**1.6**	0.13 U	0.11 U	0.11 U
2-Nitrotoluene	µg/L	NS	110	0.57 U	0.53 U	0.53 U	0.52 U	0.66 U	0.54 U	0.54 U
3-Nitrotoluene	µg/L	NS	3.2	0.57 U	0.53 U	0.53 U	0.52 U	0.66 U	0.54 U	0.54 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	**3.2**	0.11 U	0.11 U	**2.1**	0.13 U	0.11 U	0.11 U
4-Nitrotoluene	µg/L	NS	3.2	0.57 U	0.53 U	0.53 U	0.52 U	0.66 U	0.54 U	0.54 U
HMX	µg/L	NS	1800	**1.2**	0.11 U	0.11 U	**0.77**	0.13 U	0.11 U	0.11 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.11 U	0.11 U	0.11 U	0.1 U	0.13 U	0.11 U	0.11 U
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.74 U	0.69 U	0.69 U	0.68 U	0.86 U	0.7 U	0.7 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.74 U	0.69 U	0.69 U	0.68 U	0.86 U	0.7 U	0.7 U
RDX	µg/L	NS	0.61	**0.54**	0.11 U	0.11 U	**1.9**	0.13 U	0.11 U	0.11 U
Tetryl	µg/L	NS	360	0.11 U	0.11 U	0.11 U	0.1 U	0.13 U	0.11 U	0.11 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LL2mw-265	LL2mw-268	LL2mw-270	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235
Sample ID		MCL	Region 9 PRG	FWGLL2mw-265C-0620-GW	FWGLL2mw-268C-0621-GW	FWGLL2mw-270C-0622-GW	FWGLL3mw-232C-0623-GW	FWGLL3mw-233C-0624-GW	FWGLL3mw-234C-0625-GW	FWGLL3mw-235C-0626-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	**0.061 J**	0.11 U
2,4-Dinitrotoluene	µg/L	NS	73	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.092 J**	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	**0.41 J**	0.11 U
2-Nitrotoluene	µg/L	NS	110	0.54 U	0.52 U	0.52 U	0.52 U	0.54 U	0.52 U	0.53 U
3-Nitrotoluene	µg/L	NS	3.2	0.54 U	0.52 U	0.52 U	0.52 U	0.54 U	0.52 U	0.53 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	**0.72 J**	0.11 U
4-Nitrotoluene	µg/L	NS	3.2	0.54 U	0.52 U	0.52 U	0.52 U	0.54 U	0.52 U	0.53 U
HMX	µg/L	NS	1800	**0.04 J**	0.1 U	0.1 U	0.1 U	0.11 U	**0.046 J**	0.11 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.7 U	0.68 U	0.68 U	0.68 U	0.7 U	0.68 U	0.69 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.7 U	0.68 U	0.68 U	0.68 U	0.7 U	0.68 U	0.69 U
RDX	µg/L	NS	0.61	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	**0.45 J**	0.11 U
Tetryl	µg/L	NS	360	0.11 U	0.1 U	0.1 U	0.1 U	0.11 U	0.1 U	0.11 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LL3mw-237	LL3mw-240	LL3mw-241	LL3mw-243	LL4mw-193	LL4mw-194	LL4mw-195
Sample ID		MCL	Region 9 PRG	FWGLL3mw-237C-0627-GW	FWGLL3mw-240C-0628-GW	FWGLL3mw-241C-0629-GW	FWGLL3mw-243C-0630-GW	FWGLL4mw-193C-0631-GW	FWGLL4mw-194C-0632-GW	FWGLL4mw-195C-0633-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.097 U	**24**	0.12 U	0.099 U	0.11 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.097 U	0.54 U	0.12 U	0.099 U	0.11 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.097 U	**12**	0.12 U	0.099 U	0.11 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	**0.06 J**	0.097 U	0.54 U	0.12 U	0.099 U	0.11 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.061 J**	0.097 U	**0.3 J**	0.12 U	0.099 U	0.11 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	3	0.097 U	**5**	0.12 U	0.099 U	0.11 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.48 U	2.7 U	0.58 U	0.5 U	0.55 U	0.52 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	2.7 U	0.58 U	0.5 U	0.55 U	0.52 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	**4.9**	0.097 U	**5**	0.12 U	0.099 U	0.11 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	2.7 U	0.58 U	0.5 U	0.55 U	0.52 U
HMX	µg/L	NS	1800	**0.086 J**	0.097 U	**0.47 J**	0.12 U	0.099 U	0.11 U	0.1 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.1 U	0.097 U	0.54 U	0.12 U	0.099 U	0.11 U	0.1 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.65 U	0.63 U	3.5 U	0.75 U	0.64 U	0.72 U	0.68 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.65 U	0.63 U	3.5 U	0.75 U	0.64 U	0.72 U	0.68 U
RDX	µg/L	NS	0.61	**0.16**	0.097 U	**1.6**	0.12 U	0.099 U	0.11 U	0.1 U
Tetryl	µg/L	NS	360	0.1 U	0.097 U	0.54 U	0.12 U	0.099 U	0.11 U	0.1 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LL4mw-200	LL5mw-001	LL5mw-002	LL5mw-003	LL5mw-004	LL5mw-005	LL5mw-006
Sample ID		MCL	Region 9 PRG	FWGLL4mw-200C-0634-GW	FWGLL5mw-001C-0738-GW	FWGLL5mw-002C-0739-GW	FWGLL5mw-003C-0740-GW	FWGLL5mw-004C-0741-GW	FWGLL5mw-005C-0742-GW	FWGLL5mw-006C-0743-GW
Date Collected				4/7/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/11/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.52 U	0.48 U	0.5 U	0.5 U	0.49 U	**0.2 J**	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.52 U	0.48 U	0.5 U	0.5 U	0.49 U	0.5 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.52 U	0.48 U	0.5 U	0.5 U	0.49 U	0.5 U	0.5 U
HMX	µg/L	NS	1800	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	**0.066 J**	0.1 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.68 U	0.62 U	0.64 U	0.64 U	0.64 U	0.65 U	0.65 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.68 U	0.62 U	0.64 U	0.64 U	0.64 U	0.65 U	0.65 U
RDX	µg/L	NS	0.61	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.1 U	0.095 U	0.099 U	0.099 U	0.098 U	0.1 U	0.1 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LL6mw-001	LL6mw-002	LL6mw-003	LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128
Sample ID		MCL	Region 9 PRG	FWGLL6mw-001C-0744-GW	FWGLL6mw-002C-0781-GW	FWGLL6mw-003C-0782-GW	FWGLL12mw-088C-0635-GW	FWGLL12mw-107C-0636-GW	FWGLL12mw-113C-0637-GW	FWGLL12mw-128C-0638-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.099 U	0.097 U	0.098 U	0.055 J	0.098 U	0.1 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.48 U	0.49 U	0.54 U	0.49 U	0.52 U	0.52 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.49 U	0.54 U	0.49 U	0.52 U	0.52 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.49 U	0.54 U	0.49 U	0.52 U	0.52 U
HMX	µg/L	NS	1800	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	**0.058 J**	0.1 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	0.1 U	0.1 U	0.1 U	0.1 U
Nitrobenzene	µg/L	NS	3.4	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	**0.13 J**	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.63 U	0.64 U	0.7 U	0.64 U	0.67 U	0.68 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.64 U	0.63 U	0.64 U	0.7 U	0.64 U	0.67 U	0.68 U
RDX	µg/L	NS	0.61	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.099 U	0.097 U	0.098 U	0.11 U	0.098 U	0.1 U	0.1 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189	LL12mw-242
Sample ID		MCL	Region 9 PRG	FWGLL12mw-154C-0639-GW	FWGLL12mw-184C-0640-GW	FWGLL12mw-185C-0641-GW	FWGLL12mw-187C-0642-GW	FWGLL12mw-188C-0643-GW	FWGLL12mw-189C-0644-GW	FWGLL12mw-242C-0645-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.48 U	0.52 U	0.49 U	0.56 U	0.54 U	0.52 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.52 U	0.49 U	0.56 U	0.54 U	0.52 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.52 U	0.49 U	0.56 U	0.54 U	0.52 U
HMX	µg/L	NS	1800	0.099 U	0.097 U	**0.067 J**	0.098 U	0.11 U	0.11 U	0.1 U
Nitrate-Nitrite	mg/L	1	1	0.1 U	0.1 U	**0.8**	**200**	**0.05 J**	0.1 U	0.1 U
Nitrobenzene	µg/L	NS	3.4	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	**0.49 J**	**6.3 J**	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.63 U	0.68 U	0.64 U	0.72 U	0.7 U	0.68 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.64 U	0.63 U	0.68 U	0.64 U	0.72 U	0.7 U	0.68 U
RDX	µg/L	NS	0.61	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U
Tetryl	µg/L	NS	360	0.099 U	0.097 U	0.1 U	0.098 U	0.11 U	0.11 U	0.1 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010	B12mw-011	B12mw-012
Sample ID		MCL	Region 9 PRG	FWGLL12mw-243C-0646-GW	FWGLL12mw-244C-0647-GW	FWGLL12mw-245C-0648-GW	FWGLL12mw-246C-0649-GW	FWGB12mw-010C-0783-GW	FWGB12mw-011C-0784-GW	FWGB12mw-012C-0785-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/10/2008	4/9/2008	4/9&10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
2,4-Dinitrotoluene	µg/L	NS	73	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
2,6-Dinitrotoluene	µg/L	NS	36	0.12 U	0.1 U	**0.1 J**	0.1 U	0.12 U	0.11 U	0.12 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
2-Nitrotoluene	µg/L	NS	110	0.58 U	0.52 U	0.62 U	0.52 U	0.6 U	0.54 U	0.6 U
3-Nitrotoluene	µg/L	NS	3.2	0.58 U	0.52 U	0.62 U	0.52 U	0.6 U	0.54 U	0.6 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
4-Nitrotoluene	µg/L	NS	3.2	0.58 U	**0.1 J**	0.62 U	0.52 U	0.6 U	0.54 U	0.6 U
HMX	µg/L	NS	1800	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
Nitrate-Nitrite	mg/L	1	1	0.1 U	0.1 U	**0.08 J**	0.1 U	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
Nitrocellulose	mg/L	NS	NS	**0.15 J**	0.5 UJ	0.5 UJ	0.5 UJ	**0.19 J**	0.5 UJ	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.75 U	0.67 U	0.81 U	0.68 U	0.79 U	0.7 U	0.77 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.75 U	0.67 U	0.81 U	0.68 U	0.79 U	0.7 U	0.77 U
RDX	µg/L	NS	0.61	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U
Tetryl	µg/L	NS	360	0.12 U	0.1 U	0.12 U	0.1 U	0.12 U	0.11 U	0.12 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002	CBPmw-003
Sample ID		MCL	Region 9 PRG	FWGCBLmw-001C-0650-GW	FWGCBLmw-002C-0651-GW	FWGCBLmw-003C-0652-GW	FWGCBLmw-004C-0653-GW	FWGCBPmw-001C-0654-GW	FWGCBPmw-002C-0655-GW	FWGCBPmw-003C-0656-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.097 U	0.1 U	0.1 U	**0.031 J**	0.098 U	0.099 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
2,6-Dinitrotoluene	µg/L	NS	36	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.48 U	0.51 U	0.52 U	0.49 U	0.49 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.51 U	0.52 U	0.49 U	0.49 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.51 U	0.52 U	0.49 U	0.49 U	0.5 U
HMX	µg/L	NS	1800	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	**0.059 J**
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 R	0.5 R	0.5 R
Nitroglycerin	µg/L	NS	4.8	0.65 U	0.63 U	0.66 U	0.68 U	0.64 U	0.64 U	0.64 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.65 U	0.63 U	0.66 U	0.68 U	0.64 U	0.64 U	0.64 U
RDX	µg/L	NS	0.61	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U
Tetryl	µg/L	NS	360	0.1 U	0.097 U	0.1 U	0.1 U	0.098 U	0.098 U	0.099 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				CBPmw-004	CBPmw-006	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-004C-0657-GW	FWGCBPmw-006C-0658-GW	FWGCBPmw-008C-0659-GW	FWGCPmw-001C-0660-GW	FWGCPmw-002C-0661-GW	FWGCPmw-003C-0662-GW	FWGCPmw-004C-0663-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.098 U	0.098 U	**0.053 J**	0.1 U	0.1 U	**0.054 J**	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.49 U	0.49 U	0.48 U	0.52 U	0.52 U	0.52 U	0.52 U
3-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.49 U	0.48 U	0.52 U	0.52 U	0.52 U	0.52 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.49 U	0.48 U	0.52 U	0.52 U	0.52 U	0.52 U
HMX	µg/L	NS	1800	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
Nitrocellulose	mg/L	NS	NS	**0.13 J**	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.64 U	0.63 U	0.67 U	0.68 U	0.68 U	0.68 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.64 U	0.64 U	0.63 U	0.67 U	0.68 U	0.68 U	0.68 U
RDX	µg/L	NS	0.61	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.098 U	0.098 U	0.097 U	0.1 U	0.1 U	0.1 U	0.1 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				CPmw-005	CPmw-006	DET-003	DET-004	DA2mw-104	DA2mw-105	DA2mw-106
Sample ID		MCL	Region 9 PRG	FWGCPmw-005C-0664-GW	FWGCPmw-006C-0665-GW	FWGDETmw-003C-0666-GW	FWGDETmw-004C-0667-GW	FWGDA2mw-104C-0668-GW	FWGDA2mw-105C-0669-GW	FWGDA2mw-106C-0670-GW
Date Collected				4/9/2008	4/9/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.12 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.12 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.12 U	0.1 U	**0.097 J**	0.1 U	0.11 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.12 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.1 U	0.12 U	0.1 U	0.11 U	**0.069 J**	0.11 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.12 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.58 U	0.52 U	0.56 U	0.5 U	0.55 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.58 U	0.52 U	0.56 U	0.5 U	0.55 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.12 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.58 U	0.52 U	0.56 U	0.5 U	0.55 U	0.5 U
HMX	µg/L	NS	1800	0.1 U	0.12 U	0.1 U	**2.1**	0.1 U	0.11 U	0.1 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.1 U	0.12 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U
Nitrocellulose	mg/L	NS	NS	**0.18 J**	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.65 U	0.76 U	0.68 U	0.72 U	0.66 U	0.72 U	0.66 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.65 U	0.76 U	0.68 U	0.72 U	0.66 U	0.72 U	0.66 U
RDX	µg/L	NS	0.61	0.1 U	0.12 U	0.1 U	**2.9**	0.1 U	0.11 U	0.1 U
Tetryl	µg/L	NS	360	0.1 U	0.12 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				DA2mw-108	DA2mw-109	DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	EBGmw-123
Sample ID		MCL	Region 9 PRG	FWGDA2mw-108C-0671-GW	FWGDA2mw-109C-0672-GW	FWGDA2mw-110C-0673-GW	FWGDA2mw-111C-0674-GW	FWGDA2mw-112C-0675-GW	FWGDA2mw-113C-0676-GW	FWGEBGmw-123C-0677-GW
Date Collected				4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
2,6-Dinitrotoluene	µg/L	NS	36	**0.056 J**	0.098 U	0.098 U	0.11 U	0.1 U	**0.068 J**	0.096 UJ
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.49 U	0.49 U	0.54 U	0.5 U	0.54 U	**0.18 J**
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.49 U	0.49 U	0.54 U	0.5 U	0.54 U	0.48 UJ
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.49 U	0.49 U	0.54 U	0.5 U	0.54 U	0.48 UJ
HMX	µg/L	NS	1800	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	**0.09 J**
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.65 U	0.64 U	0.64 U	0.7 U	0.65 U	0.71 U	0.62 UJ
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.65 U	0.64 U	0.64 U	0.7 U	0.65 U	0.71 U	0.62 UJ
RDX	µg/L	NS	0.61	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ
Tetryl	µg/L	NS	360	0.1 U	0.098 U	0.098 U	0.11 U	0.1 U	0.11 U	0.096 UJ

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				EBGmw-124	EBGmw-125	EBGmw-126	EBGmw-127	EBGmw-128	EBGmw-129	EBGmw-130
Sample ID		MCL	Region 9 PRG	FWGEBGmw-124C-0678-GW	FWGEBGmw-125C-0679-GW	FWGEBGmw-126C-0680-GW	FWGEBGmw-127C-0681-GW	FWGEBGmw-128C-0682-GW	FWGEBGmw-129C-0683-GW	FWGEBGmw-130C-0684-GW
Date Collected				4/16/2008	4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
1,3-Dinitrobenzene	µg/L	NS	3.6	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
2,4-Dinitrotoluene	µg/L	NS	73	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
2,6-Dinitrotoluene	µg/L	NS	36	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
2-Nitrotoluene	µg/L	NS	110	0.48 UJ	0.5 UJ	0.48 R	0.5 UJ	0.52 U	**0.12 J**	0.48 UJ
3-Nitrotoluene	µg/L	NS	3.2	0.48 UJ	0.5 UJ	0.48 R	0.5 UJ	0.52 U	0.48 UJ	0.48 UJ
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 UJ	0.097 UJ	0.096 UJ
4-Nitrotoluene	µg/L	NS	3.2	0.48 UJ	0.5 UJ	0.48 R	0.5 UJ	0.52 U	0.48 UJ	0.48 UJ
HMX	µg/L	NS	1800	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	**0.057 J**	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.63 UJ	0.65 UJ	0.62 R	0.64 UJ	0.67 UJ	0.63 UJ	0.62 UJ
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.63 UJ	0.65 UJ	0.62 R	0.64 UJ	0.67 UJ	0.63 UJ	0.62 UJ
RDX	µg/L	NS	0.61	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ
Tetryl	µg/L	NS	360	0.097 UJ	0.1 UJ	0.096 R	0.099 UJ	0.1 U	0.097 UJ	0.096 UJ

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				FBQmw-166	FBQmw-167	FBQmw-168	FBQmw-169	FBQmw-170	FBQmw-171	FBQmw-172
Sample ID		MCL	Region 9 PRG	FWGFBQmw-166C-0685-GW	FWGFBQmw-167C-0686-GW	FWGFBQmw-168C-0687-GW	FWGFBQmw-169C-0688-GW	FWGFBQmw-170C-0689-GW	FWGFBQmw-171C-0690-GW	FWGFBQmw-172C-0691-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U
2,4-Dinitrotoluene	µg/L	NS	73	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U
2,6-Dinitrotoluene	µg/L	NS	36	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	**0.052 J**	**0.063 J**
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U
2-Nitrotoluene	µg/L	NS	110	0.48 U	0.54 U	0.48 U	0.53 U	0.48 U	0.49 U	0.48 U
3-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.54 U	0.48 U	0.53 U	0.48 U	0.49 U	0.48 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.097 U	0.11 U	0.096 U	0.11 U	**0.063 J**	0.098 U	0.096 U
4-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.54 U	0.48 U	0.53 U	0.48 U	0.49 U	0.48 U
HMX	µg/L	NS	1800	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.097 U	0.11 U	0.096 U	0.11 U	**0.054 J**	0.098 U	0.096 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.63 U	0.7 U	0.62 U	0.69 U	0.63 U	0.64 U	0.62 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.63 U	0.7 U	0.62 U	0.69 U	0.63 U	0.64 U	0.62 U
RDX	µg/L	NS	0.61	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U
Tetryl	µg/L	NS	360	0.097 U	0.11 U	0.096 U	0.11 U	0.097 U	0.098 U	0.096 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				FBQmw-173	FBQmw-174	FBQmw-175	FBQmw-176	FBQmw-177	LNWmw-024	LNWmw-025
Sample ID		MCL	Region 9 PRG	FWGFBQmw-173C-0692-GW	FWGFBQmw-174C-0693-GW	FWGFBQmw-175C-0694-GW	FWGFBQmw-176C-0695-GW	FWGFBQmw-177C-0696-GW	FWGLNWmw-024C-0697-GW	FWGLNWmw-025C-0698-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.098 U	1 U	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
1,3-Dinitrobenzene	µg/L	NS	3.6	0.098 U	1 U	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
2,4,6-Trinitrolouene	µg/L	NS	2.2	**0.09 J**	**62**	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
2,4-Dinitrotoluene	µg/L	NS	73	0.098 U	1 U	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
2,6-Dinitrotoluene	µg/L	NS	36	0.098 U	1 U	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	**0.31**	**21**	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
2-Nitrotoluene	µg/L	NS	110	0.49 U	5 U	0.49 U	0.48 U	0.48 U	0.48 UJ	0.5 UJ
3-Nitrotoluene	µg/L	NS	3.2	0.49 U	5 U	0.49 U	0.48 U	0.48 U	0.48 UJ	0.5 UJ
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	**0.39**	**21**	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
4-Nitrotoluene	µg/L	NS	3.2	0.49 U	5 U	0.49 U	0.48 U	0.48 U	0.48 UJ	0.5 UJ
HMX	µg/L	NS	1800	0.098 U	1 U	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.098 U	1 U	0.098 U	0.097 U	0.096 U	**0.066 J**	0.1 UJ
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.64 U	6.5 U	0.64 U	0.63 U	0.62 U	0.63 UJ	0.66 UJ
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.64 U	6.5 U	0.64 U	0.63 U	0.62 U	0.63 UJ	0.66 UJ
RDX	µg/L	NS	0.61	0.098 U	1 U	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ
Tetryl	µg/L	NS	360	0.098 U	1 U	0.098 U	0.097 U	0.096 U	0.097 UJ	0.1 UJ

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				LNWmw-026	LNWmw-027	MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005
Sample ID		MCL	Region 9 PRG	FWGLNWmw-026C-0699-GW	FWGLNWmw-027C-0700-GW	FWGMBSmw-001C-0732-GW	FWGMBSmw-002C-0733-GW	FWGMBSmw-003C-0734-GW	FWGMBSmw-004C-0735-GW	FWGMBSmw-005C-0736-GW
Date Collected				4/16/2008	4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
2,4-Dinitrotoluene	µg/L	NS	73	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
2,6-Dinitrotoluene	µg/L	NS	36	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
2-Nitrotoluene	µg/L	NS	110	0.5 UJ	0.52 UJ	**0.15 J**	0.48 UJ	0.54 UJ	0.53 UJ	0.5 UJ
3-Nitrotoluene	µg/L	NS	3.2	0.5 UJ	0.52 UJ	0.5 UJ	0.48 UJ	0.54 UJ	0.53 UJ	0.5 UJ
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
4-Nitrotoluene	µg/L	NS	3.2	0.5 UJ	0.52 UJ	0.5 UJ	0.48 UJ	0.54 UJ	0.53 UJ	0.5 UJ
HMX	µg/L	NS	1800	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	**0.087 J**
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.66 UJ	0.67 UJ	0.66 UJ	0.62 UJ	0.71 UJ	0.69 UJ	0.66 UJ
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.66 UJ	0.67 UJ	0.66 UJ	0.62 UJ	0.71 UJ	0.69 UJ	0.66 UJ
RDX	µg/L	NS	0.61	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ
Tetryl	µg/L	NS	360	0.1 UJ	0.1 UJ	0.1 UJ	0.096 UJ	0.11 UJ	0.11 UJ	0.1 UJ

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				MBSmw-006	NTAmw-107	NTAmw-108	NTAmw-109	NTAmw-110	NTAmw-111	NTAmw-112
Sample ID		MCL	Region 9 PRG	FWGMBSmw-006C-0737-GW	FWGNTAmw-107C-0701-GW	FWGNTAmw-108C-0702-GW	FWGNTAmw-109C-0703-GW	FWGNTAmw-110C-0704-GW	FWGNTAmw-111C-0705-GW	FWGNTAmw-112C-0706-GW
Date Collected				4/15/2008	4/14/2008	4/14/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.53 UJ	0.49 U	0.49 U	0.5 U	0.5 U	0.5 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.53 UJ	0.49 U	0.49 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.53 UJ	0.49 U	0.49 U	0.5 U	0.5 U	0.5 U	0.5 U
HMX	µg/L	NS	1800	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	**0.077 J**
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	**0.16 J**	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.69 UJ	0.64 U	0.64 U	0.66 U	0.64 U	0.66 U	0.66 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.69 UJ	0.64 U	0.64 U	0.66 U	0.64 U	0.66 U	0.66 U
RDX	µg/L	NS	0.61	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.11 UJ	0.098 U	0.098 U	0.1 U	0.099 U	0.1 U	0.1 U

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				NTAmw-113	NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117	NTAmw-118
Sample ID		MCL	Region 9 PRG	FWGNTAmw-113C-0707-GW	FWGNTAmw-114C-0708-GW	FWGNTAmw-115C-0709-GW	FWGNTAmw-116C-0710-GW	FWGNTAmw-117C-0711-GW	FWGNTAmw-118C-0712-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
1,3-Dinitrobenzene	µg/L	NS	3.6	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
2,4-Dinitrotoluene	µg/L	NS	73	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
2,6-Dinitrotoluene	µg/L	NS	36	0.096 UJ	**0.052 J**	**0.077 J**	0.098 UJ	0.1 UJ	**0.058 J**
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
2-Nitrotoluene	µg/L	NS	110	0.48 UJ	0.48 UJ	0.52 UJ	0.49 UJ	0.5 UJ	0.48 UJ
3-Nitrotoluene	µg/L	NS	3.2	0.48 UJ	0.48 UJ	0.52 UJ	0.49 UJ	0.5 UJ	0.48 UJ
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
4-Nitrotoluene	µg/L	NS	3.2	0.48 UJ	0.48 UJ	0.52 UJ	0.49 UJ	0.5 UJ	0.48 UJ
HMX	µg/L	NS	1800	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.096 UJ	0.097 UJ	**0.076 J**	0.098 UJ	0.1 UJ	0.097 UJ
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.62 UJ	0.63 UJ	0.68 UJ	0.64 UJ	0.65 UJ	0.63 UJ
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.62 UJ	0.63 UJ	0.68 UJ	0.64 UJ	0.65 UJ	0.63 UJ
RDX	µg/L	NS	0.61	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ
Tetryl	µg/L	NS	360	0.096 UJ	0.097 UJ	0.1 UJ	0.098 UJ	0.1 UJ	0.097 UJ

Notes:
NS = no standard
Bold = detected compound above the MDL
N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				RQLmw-007	RQLmw-008	RQLmw-009	RQLmw-012	RQLmw-013	RQLmw-014	RQLmw-015
Sample ID		MCL	Region 9 PRG	FWGRQLmw-007C-0713-GW	FWGRQLmw-008C-0714-GW	FWGRQLmw-009C-0715-GW	FWGRQLmw-012C-0716-GW	FWGRQLmw-013C-0717-GW	FWGRQLmw-014C-0718-GW	FWGRQLmw-015C-0719-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
2,4-Dinitrotoluene	µg/L	NS	73	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
2,6-Dinitrotoluene	µg/L	NS	36	0.098 U	0.098 U	**0.071 J**	0.096 U	0.097 U	0.11 U	0.096 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
2-Nitrotoluene	µg/L	NS	110	0.49 U	0.49 U	0.54 U	0.48 U	0.48 U	0.54 U	0.48 U
3-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.49 U	0.54 U	0.48 U	0.48 U	0.54 U	0.48 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
4-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.49 U	0.54 U	0.48 U	0.48 U	0.54 U	0.48 U
HMX	µg/L	NS	1800	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.64 U	0.7 U	0.62 U	0.63 U	0.7 U	0.62 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.64 U	0.64 U	0.7 U	0.62 U	0.63 U	0.7 U	0.62 U
RDX	µg/L	NS	0.61	0.098 U	0.098 U	0.11 U	**0.15**	0.097 U	0.11 U	0.096 U
Tetryl	µg/L	NS	360	0.098 U	0.098 U	0.11 U	0.096 U	0.097 U	0.11 U	0.096 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011
Sample ID		MCL	Region 9 PRG	FWGRQLmw-016C-0720-GW	FWGRQLmw-017C-0721-GW	FWGWBGmw-005C-0722-GW	FWGWBGmw-008C-0723-GW	FWGWBGmw-010C-0724-GW	FWGWBGmw-011C-0725-GW
Date Collected				4/10/2008	4/10/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
2,6-Dinitrotoluene	µg/L	NS	36	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
2-Nitrotoluene	µg/L	NS	110	0.51 U	0.49 U	0.49 UJ	**0.26 J**	0.51 UJ	0.5 UJ
3-Nitrotoluene	µg/L	NS	3.2	0.51 U	0.49 U	0.49 UJ	0.48 UJ	0.51 UJ	0.5 UJ
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
4-Nitrotoluene	µg/L	NS	3.2	0.51 U	0.49 U	0.49 UJ	0.48 UJ	0.51 UJ	0.5 UJ
HMX	µg/L	NS	1800	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.1 U	0.098 U	**0.092 J**	0.097 UJ	0.1 UJ	0.1 UJ
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.66 U	0.64 U	0.64 UJ	0.63 UJ	0.66 UJ	0.66 UJ
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.66 U	0.64 U	0.64 UJ	0.63 UJ	0.66 UJ	0.66 UJ
RDX	µg/L	NS	0.61	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ
Tetryl	µg/L	NS	360	0.1 U	0.098 U	0.098 UJ	0.097 UJ	0.1 UJ	0.1 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Station ID				WBGmw-012	WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-012C-0726-GW	FWGWBGmw-013C-0727-GW	FWGWBGmw-014C-0728-GW	FWGWBGmw-015C-0729-GW	FWGWBGmw-016C-0730-GW	FWGWBGmw-017C-0731-GW
Date Collected				4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.096 UJ	0.098 UJ	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
1,3-Dinitrobenzene	µg/L	NS	3.6	0.096 UJ	0.098 UJ	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.096 UJ	0.098 UJ	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
2,4-Dinitrotoluene	µg/L	NS	73	0.096 UJ	**0.058 J**	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
2,6-Dinitrotoluene	µg/L	NS	36	0.096 UJ	0.098 UJ	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.096 UJ	**0.91 J**	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
2-Nitrotoluene	µg/L	NS	110	0.48 UJ	0.49 UJ	**0.39 J**	0.5 UJ	0.48 UJ	0.48 UJ
3-Nitrotoluene	µg/L	NS	3.2	0.48 UJ	0.49 UJ	0.48 UJ	0.5 UJ	0.48 UJ	0.48 UJ
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.096 UJ	**0.49 J**	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
4-Nitrotoluene	µg/L	NS	3.2	0.48 UJ	0.49 UJ	0.48 UJ	0.5 UJ	0.48 UJ	0.48 UJ
HMX	µg/L	NS	1800	0.096 UJ	0.098 UJ	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.096 UJ	0.098 UJ	**0.058 J**	0.1 UJ	**0.089 J**	0.096 UJ
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.62 UJ	0.64 UJ	0.62 UJ	0.66 UJ	0.62 UJ	0.62 UJ
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.62 UJ	0.64 UJ	0.62 UJ	0.66 UJ	0.62 UJ	0.62 UJ
RDX	µg/L	NS	0.61	0.096 UJ	0.098 UJ	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ
Tetryl	µg/L	NS	360	0.096 UJ	0.098 UJ	0.096 UJ	0.1 UJ	0.096 UJ	0.096 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-2 FWGWMP April 2008 Explosive and Propellant Analytical Results

Data Qualifiers

Data qualifier flags are used in an effort to describe the quality of each piece of data for each constituent. These flags are letter codes appended to the numerical data. The following data qualifiers are specified in the USACE Louisville Chemistry Guidelines (LCG). For a complete explanation of qualifiers used for each constituent please refer to the Data Verification Summaries in Appendix B.

U- The analyte was analyzed for but not detected. The numerical value preceding the U is the associated reporting limit.

J- The identification of the analyte is acceptable, but the quality assurance criteria indicate that the quantitative values may be outside the normal expected range of precision (i.e., the quantitative value is estimated). Examples include:
- Results detected above the laboratory MDL but less than the laboratory reporting limit.
- MS/MSD percent recoveries outside the acceptance criteria.
- Laboratory control sample (LCS) percent recoveries outside acceptance criteria.

R- Data are considered to be rejected and shall not be used. This flag denotes the failure of quality control criteria such that it cannot be determined if the analyte is present or absent from the sample [e.g., the method reporting limit (MRL) verification standard was below quality control guidelines; associated sample results that were non-detect are unusable].

UJ- This flag is a combination of the U and J qualifiers which indicate that the analyte is not present. The reported value is considered to be an estimated reporting limit (RL).

B- The B flag is used for both organic and inorganic analyses when the analyte is found in the method blank or any of the field blanks. This designation overrides the Contract Laboratory Program (CLP) "B" designation when used by the laboratory as an estimated value for inorganics.

3.2.2 Inorganic Elements

Inorganic elements analytical results are presented in Table 3-3. The inorganics detected in the samples included: aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, calcium, cobalt, copper, cyanide, iron, magnesium, manganese, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc. The inorganic elements that were detected were compared to facility-wide background levels, and against elements that are considered as essential nutrients to determine if they are to be considered as Site Related Contaminants (SRCs). Calcium, magnesium, iron, potassium, and sodium were eliminated as potential SRCs because they are considered as essential nutrients. Site-specific background levels for inorganic elements are presented in Table 3-4. The inorganic elements that were detected were compared to the appropriate background criteria to determine if they were SRCs. The following inorganic elements were detected above the method detection limits and the background levels reported in Table 3-4:

- **Aluminum**
  - Bedrock Zone - LL1mw-063 (325 µg/L), LL5mw-004 (680 µg/L), LL5mw-005 (606 µg/L), LL5mw-006 (60.7µg/L J), LL12mw-113 (1,350 µg/L), LL12mw-189 (37.2 µg/L J), LL12mw-246 (19.7 µg/L J B), CBLmw-001 (24.3 µg/L J), CBLmw-002 (30.2 µg/L J), CBLmw-004 (469 µg/L), RQLmw-007 (41.2 µg/L J), RQLmw-009 (19.8 µg/L J), RQLmw-012 (1,030 µg/L), RQLmw-013 (4,310 µg/L), RQLmw-017 (1,160 µg/L), FBQmw-169 (36.5 µg/L J), FBQmw-170 (28.1 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated Zone – LL4mw-193 (76.8 µg/L J), LL4mw-200 (29.7 µg/L J), LL6mw-001 (24.2µg/L J), LL12mw-128 (6,570 µg/L), LL12mw-188 (23.8 µg/L), LL12mw-242 (36.5 µg/L, J B), LL12mw-243 (220 µg/L), LL12mw-244 (9,040 µg/L), B12mw-010 (240 µg/L), CBPmw-002 (24.9 µg/L J B), CBPmw-004 (243 µg/L J B), CBPmw-006 (24.8 µg/L J B), CBPmw-008 (76.5 µg/L B), CPmw-001 (50.8 µg/L B), CPmw-002 (59.2 µg/L B), CPmw-003 (41.1 µg/L J B), CPmw-006 (111 µg/L J B), DA2mw-110 (57.7 µg/L), EBGmw-127 (114 µg/L J), MBSmw-006 (85 µg/L), NTAmw-112 (117 µg/L), NTAmw-118 (22 µg/L J), WBGmw-011 (338 µg/L J) WBGmw-017 (2,680 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.

    There is no MCL for aluminum. The Region 9 PRG is 36,000 µg/L.

- **Antimony**
  - Bedrock Zone – LL2mw-060 (0.31 µg/L J), LL3mw-240 (0.33 µg/L J), LL3mw-243 (0.31 µg/L J), LL12mw-113 (0.33 µg/L J), RQLmw-007 (0.48 µg/L J), FBQmw-168 (0.33 µg/L J), FBQmw-175 (0.17

µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.

- Unconsolidated Zone – LL12mw-128 (0.28 µg/L J), LL12mw-187 (0.13 µg/L J), LL12mw-244 (0.95 µg/L J), DET-004 (0.15 µg/L J), FBQmw-167 (0.13 µg/L J), NTA mw-109 (0.14 µg/L J), NTAmw-110 (0.18 µg/L J), WBGmw-010 (0.15 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.

The MCL for antimony is 6 µg/L. The Region 9 PRG is 15 µg/L.

- **Arsenic**
  - Bedrock Zone – LL1mw-064 (4.8 µg/L J B), LL2mw-261 (15.2 µg/L), LL2mw-268 (3.7 µg/L J B), LL5mw-001 5.0 µg/L), (LL12mw-113 (4.9 µg/L J), LL12mw-189 (3.9 µg/L J), RQLmw-007 (11.3 µg/L J), RQLmw-008 (15.4 µg/L J), RQLmw-016 (3.4 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated Zone – LL12mw-088 (21.9 µg/L), LL12mw-128 (52.9 µg/L), LL12mw-184 (16.7 µg/L), LL12mw-242 (19 µg/L), LL12mw-243 (16.5 µg/L), LL12mw-244 (21.4 µg/L), LL12mw-246 (29.5 µg/L), CBPmw-001 (80.6 µg/L), CBPmw-002 (15.3 µg/L), CBPmw-003 (17.2 µg/L), CBPmw-004 (42.1 µg/L), CPmw-005 (29.3 µg/L), EBGmw-123 (31.6 µg/L J), EBGmw-124 (42.3 µg/L J), EBGmw-126 (13.9 µg/L J), EBGmw-127 (14 µg/L J), LNWmw-025 (4.4 µg/L J), MBSmw-002 (15.1 µg/L J), NTA mw-112 (16.3 µg/L J), WBGmw-017 (12 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 11.7 µg/L.

  The MCL for arsenic is 10 µg /L. The Region 9 PRG is 1.045 µg/L.

- **Barium**
  - Bedrock Zone: - None.

    The Groundwater Bedrock Zone Background Criteria (filtered) is 256 µg/L.
  - Unconsolidated Zone: - LL12mw-088 (379 µg/L J), LL12mw-187 (338 µg/L), LL12mw-244 (145 µg/L), CBPmw-006 (115 µg/L), CPmw-005 (154 µg/L), EBGmw-123 (186 µg/L J), EBGMw-124 (171 µg/L J), EBGmw-126 (229 µg/L J), EBGmw-127 (368 µg/L J), LNWmw-026 (103 µg/L J), MBSmw-001 (113 µg/L J), MBSmw-002 (108 µg/L J), MBSmw-006 (86.8 µg/L J), NTAmw-107 (102 µg/L J), NTAmw-110 (122 µg/L J), NTAmw-117 (83.2 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 82.1 µg/L.

    The MCL for barium is 2,000 µg/L. The Region 9 PRG is 2,600 µg/L.

- **Beryllium**
  - Bedrock Zone: - RQLmw-013 (0.6 µg/L J), RQLmw-017 (0.9 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated Zone: - LL12mw-128 (0.29 µg/L J), (LL12mw-244 (0.4 µg/L J). The Groundwater Unconsolidated Zone Background Criteria is 0 µg/L.
    The MCL for beryllium is 4 µg/L. There is no Region 9 PRG.

- **Cadmium**
  - Bedrock Zone: - LL1mw-079 (0.23 µg/L J), LL3mw-235 (0.31 µg/L J), LL12mw-113 (0.19 µg/L J), RQLmw-007 (0.52 µg/L), RQLmw-012 (0.52 µg/L), RQLmw-013 (0.14 µg/L J), RQLmw-017 (0.3 µg/L J), FBQmw-169 (0.86 µg/L), FBQmw-170 (0.14 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated Zone: - LL12mw-185 (0.27 µg/L J), FBQmw-167 (0.16 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
    The MCL for cadmium is 5 µg/L. There is no Region 9 PRG.

- **Chromium**
  - Bedrock Zone: - LL12mw-113 (2.2 µg/L J). The Groundwater Bedrock Zone Background Criteria is 0 µg/L.
  - Unconsolidated Zone: - LL12mw-128 (8.9 µg/L), LL12mw-244 (12.4 µg/L).
    The Groundwater Unconsolidated Zone Background Criteria (filtered) is 7.3 µg/L.
    The MCL is 100 µg/L. There is no Region 9 PRG.

- **Cobalt**
  - Bedrock Zone: - LL1mw-063 (4.3 µg/L J B), LL2mw-270 (25.5 µg/L), LL3mw-233 (1.9 µg/L J), LL12mw-113 (4.2 µg/L), RQLmw-007 (8.9 µg/L J)RQLmw-008 (3.2 µg/L J), RQLmw-012 (6.5 µg/L J), RQLmw-013 (37.6 µg/L J), RQLmw-014 (12.4 µg/L), RQLmw-015 (2.1 µg/L J), RQLmw-016 (3.5 µg/L J), RQLmw-017 (52.8 µg/L), FBQmw-169 (12.1 µg/L J), J), FBQmw-172 (2 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated Zone: - LL4mw-195 (2.5 µg/L J), LL12mw-128 (6.3 µg/L), LL12mw-185 (2.3 µg/L J), LL12mw-187 (9.1 µg/L J), LL12mw-188 (4.7 µg/L J), LL12mw-244 (9.5 µg/L), DA2mw-106 (9.6 µg/L), EBGmw-130 (2.2 µg/L J), EBGmw-167 (6.8 µg/L J), J), FBQmw-176 (3.2 µg/L J), MBSmw-002 (3.1 µg/L J), NTAmw-108 (3.5 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.

There is no MCL for cobalt. The Region 9 PRG is 730 µg/L.

- **Copper**
  - Bedrock Zone: - None. The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
    The Groundwater Bedrock Zone Background Criteria is 0 µg/L.
  - Unconsolidated Zone: - LL12mw-128 (6 µg/L J), LL12mw-244 (14.2 µg/L J), MBSmw-002 (5.1 µg/L J), NTAmw-108 (4.6 µg/L J). The Groundwater Unconsolidated Zone Background Criteria is 0 µg/L.
    The MCL is 1,300 µg/L. The Region 9 PRG is 1,500 µg/L.

- **Cyanide**
  - Bedrock Zone: - LL2mw-060 (0.019 mg/L), LL3mw-232 (0.012 mg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 mg/L.
  - Unconsolidated Zone: - None.
    The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
    The MCL for cyanide is 0.2 mg/L. The Region 9 PRG is 0.73 µg/L.

- **Lead**
  - Bedrock Zone: - LL12mw-113 (5.2 µg/L). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated Zone: - LL12mw-128 (5.2 µg/L), LL12mw-244 (6.9 µg/L). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
    The MCL is 15 µg/L. The Region 9 PRG is 880 µg/L.

- **Manganese**
  - Bedrock Zone: - LL2mw-20 (3,600 µg/L), LL3mw-234 (1,440 µg/L), LL12mw-113 (1,510 µg/L), RQLmw-007 (1,530 µg/L J), RQLmw-014 (3,070 µg/L), RQLmw-016 (7,460 µg/L J), RQLmw-017 (6,140 µg/L), FBQmw-169 (7,070 µg/L J), FBQmw-172 (2,370 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 1,340 µg/L.
  - Unconsolidated Zone: - LL4mw-195 (3,470 µg/L). LL12mw-185 (1,580 µg/L), Ll12mw-187 (2,020 µg/L), CPmw-006 (2,510 µg/L), DA2mw-106 (5,640 µg/L), FBQmw-167 (2,220 µg/L J, FBQmw-176 (1,440 µg/L J), WBGmw-005 (1,180 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 1,020 µg/L.
    The MCL for Manganese is 50 µg/L. The Region 9 PRG is 880 µg/L.

- **Nickel**
  - Bedrock Zone: - RQLmw-017 (194 µg/L). The Groundwater Bedrock Zone Background Criteria (filtered) is 83.4 µg/L.
  - Unconsolidated Zone: - LL12mw-128 (14.4 µg/L J), Ll12mw-185 (4.6 µg/L J), LL12mw-187 (12.4 µg/L), LL12mw-188 (3.6 µg/L J), LL12mw-244 (22 µg/L), B12mw-010 (18.8 µg/L J), DA2mw-106 (4.6 µg/L), FBQmw-167 (7.6 µg/L J), NTAmw-108 (3.6 µg/L J, WBGmw-017 3.5 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
    There is no MCL for Nickel. The Region 9 PRG is 730 µg/L.

- **Selenium**
    Bedrock Zone: - None.
    The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated Zone: - LL6mw-002 (4.2 µg/L J), LL12mw-088 (4.3 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
    The MCL for Selenium is 50 µg/L. The Region 9 PRG is 180 µg/L.

- **Silver**
  - Bedrock Zone: - CBLmw-001 (3.2 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
  - Unconsolidated: - LL12mw-188 (3.6 µg/L J), MBSmw-002 (3.6 µg/L J), NTAmw-108 (4 µg/L J). The Groundwater Unconsolidated Criteria (filtered) is 0 µg/L.
    The MCL for Silver is 100 µg/L. The Region 9 PRG is 180 µg/L.

- **Thallium**
  - Bedrock Zone: - LL2mw-268 (0.16 µg/L J), LL3mw-232 (0.16 µg/L J), LL3mw-233 (0.15 µg/L J), CBPmw-004 (0.16 µg/L J), RQLmw-012 (0.4µg/L J), RQLmw-013 (0.91 µg/L J), RQLmw-017 (0.26 µg/L J), FBQmw-175 (0.19 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L
  - Unconsolidated Zone: - LL4mw-195 (0.16 µg/L J), LL12mw-128 (0.18 µg/L J), LL12mw-187 (0.59 µg/L J), Ll12mw-189 (0.17 µg/L J), LNWmw-024 (0.2 µg/L J), MBSmw-002 (0.19 µg/L J), WBGmw-010 (0.17 µg/L J), WBGmw-015 (0.21 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
    The MCL for Thallium is 2 µg/L. The Region 9 PRG is 2.4 µg/L.

- **Vanadium**
  - Bedrock Zone: - LL12mw-113 (0.83 µg/L), CBLmw-001 (1.8 µg/L J).

The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.

- Unconsolidated Zone: - LL12mw-107 (1 µg/L J), LL12mw-128 (9.6 µg/L J), LL12 mw-188 (2.2 µg/L J), LL12mw-244 (14.1 µg/L), MBSmw-002 (3.5 µg/L J), NTAmw-108 (2.7 µg/L J), NTAmw-110 (1.3 µg/L J), WBGmw-017 (4.6 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L. There is no MCL for Vanadium. The Region 9 PRG is 36 µg/L.

- **Zinc**
  - Bedrock Zone: - LL1mw-079 (94 µg/L), RQLmw-012 (61.3 µg/L), RQLmw-013 (230 µg/L), RQLmw-017 (1,290 µg/L). The Groundwater Bedrock Zone Background Criteria (filtered) is 52.3 µg/L.
  - Unconsolidated Zone: - None. The Groundwater Unconsolidated Zone Background Criteria (filtered) is 60.9 µg/L.

  The MCL for zinc is 5,000 µg/L. The Region 9 PRG is 11,000 µg/L.

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				LL1mw-063	LL1mw-064	LL1mw-065	LL1mw-079	LL2mw-060	LL2mw-261	LL2mw-264	LL2mw-265
Sample ID		MCL	Region 9 PRG	FWGLL1mw-063C-0613-GF	FWGLL1mw-064C-0614-GF	FWGLL1mw-065C-0615-GF	FWGLL1mw-079C-0616-GF	FWGLL2mw-060C-0617-GF	FWGLL2mw-261C-0618-GF	FWGLL2mw-264C-0619-GF	FWGLL2mw-265C-0620-GF
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	**325**	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	**0.31 J**	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 U	**4.8 JB**	5 U	5 U	5 U	**15.2 B**	5 U	5 U
Barium	µg/L	2000	2600	**25.9**	**51.3**	**58.4**	**7 J**	**29.6**	**19.7**	**4.9 J**	**4.6 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	**0.23 J**	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**3620**	**57400**	**83400**	**16100**	**58900**	**61100**	**48100**	**38400**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	**4.3 JB**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Copper	µg/L	1300	1500	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 U	0.01 U	0.01 U	**0.019**	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	50 U	**671**	50 U	50 U	50 U	**2630**	**219**	**146**
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**3850**	**10000**	**25100**	**9440**	**7330**	**22300**	**17400**	**7630**
Manganese	µg/L	50	880	**288**	**125**	**87.7**	**36.5**	**0.53 J**	**393**	**191**	**33**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	**20.3 J**	10 U	10 U	**14.8 J**	10 U	**3.8 J**	10 U	10 U
Potassium	µg/L	NS	NS	**1220 J**	**755 J**	**1170 J**	**2760 J**	**369 J**	**1060 J**	**550 J**	**471 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	100	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**5800**	**5270**	**14000**	**6970**	**2060**	**10400**	**7260**	**2110**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**29.3**	10 U	10 U	**94**	10 U	10 U	**3.1 J**	**2.4 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				LL2mw-268	LL2mw-270	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235	LL3mw-237	LL3mw-240
Sample ID		MCL	Region 9 PRG	FWGLL2mw-268C-0621-GF	FWGLL2mw-270C-0622-GF	FWGLL3mw-232C-0623-GF	FWGLL3mw-233C-0624-GF	FWGLL3mw-234C-0625-GF	FWGLL3mw-235C-0626-GF	FWGLL3mw-237C-0627-GF	FWGLL3mw-240C-0628-GF
Date Collected				4/7/2008	4/7/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	**0.33 J**
Arsenic	µg/L	10	0.045	**3.7 JB**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	µg/L	2000	2600	**40.5**	**33.3**	**26.1**	**24.8**	**7.8 J**	**3 J**	**2.2 J**	**9.7 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.31 J**	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**59100**	**68500**	**54100**	**38400**	**37800**	**35200**	**28700**	**21300**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	**25.5**	5 U	**1.9 J**	5 U	5 U	5 U	5 U
Copper	µg/L	1300	1500	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 U	**0.012 J**	0.01 R	0.01 R	0.01 U	0.01 R	0.01 R
Iron	µg/L	300	11000	**2440**	**6030**	**208 J**	**3350 J**	**571 J**	**76.2**	50 U	50 U
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**24900**	**24000**	**35700**	**18600**	**15700**	**15700**	**9050**	**7590**
Manganese	µg/L	50	880	**341**	**3600**	**366**	**904**	**1440**	**435**	**183**	10 U
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	**44.5 J**	**4.6 J**	**15.4**	**4 J**	**7.9 J**	10 U	10 U
Potassium	µg/L	NS	NS	**1520 J**	**1550 J**	**3830**	**2330**	**1470**	**673 J**	**1830**	**774 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	100	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**12500**	**6330**	**8160**	**11400**	**6920**	**9550**	**3700**	**3360**
Thallium	µg/L	2	2.4	**0.16 J**	1 U	**0.16 J**	**0.15 J**	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	10 U	**16**	**7.2 J**	**15**	10 U	**26.4**	**5.5 J**	**4.8 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				LL3mw-241	LL3mw-243	LL4mw-193	LL4mw-194	LL4mw-195	LL4mw-200	LL5mw-001	LL5mw-002
Sample ID		MCL	Region 9 PRG	FWGLL3mw-241C-0629-GF	FWGLL3mw-243C-0630-GF	FWGLL4mw-193C-0631-GF	FWGLL4mw-194C-0632-GF	FWGLL4mw-195C-0633-GF	FWGLL4mw-200C-0634-GF	FWGLL5mw-001C-0738-GF	FWGLL5mw-002C-0739-GF
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/7/2008	4/10/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	50 U	50 U	**76.8**	50 U	50 U	**29.7 J**	50 U	50 U
Antimony	µg/L	6	15	2 U	**0.31 J**	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 U	5 U	5 U	**3.4 J**	5 U	5 U	5 UJ	5 UJ
Barium	µg/L	2000	2600	**1.1 J**	**15.5**	**54.8**	**31.6**	**26.8**	**11.2**	**24.9 J**	**39.8 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**15200**	**14500**	**115000**	**99600**	**208000**	**162000**	**62000 J**	**59700 J**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ
Cobalt	µg/L	NS	730	5 U	5 U	5 U	5 U	**2.5 J**	5 U	5 UJ	5 UJ
Copper	µg/L	1300	1500	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 R	0.01 R	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 UJ
Iron	µg/L	300	11000	50 U	50 U	**1390 J**	**80.5**	**8900**	**59.1**	**431 J**	**123 J**
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**6620**	**5740**	**35600**	**29500**	**58400**	**48500**	**25800 J**	**19800 J**
Manganese	µg/L	50	880	**2.5 J**	**0.89 J**	**452**	**189**	**3470**	**7.6 J**	**2.6 J**	**91.3 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.16 UJ	0.2 U
Nickel	µg/L	NS	730	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Potassium	µg/L	NS	NS	**575 J**	**1050**	**934 J**	**773 J**	**960 J**	**573 J**	**1380 J**	**1340 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ
Silver	µg/L	100	180	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**2040**	**3080**	**9130**	**6460**	**7520**	**7860**	**5450 J**	**8340 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	**0.16 J**	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ
Zinc	µg/L	5000	11000	10 U	**4.6 J**	**5.3 J**	**2.8 J**	**5.6 J**	10 U	**2.5 J**	**3.2 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				LL5mw-003	LL5mw-004	LL5mw-005	LL5mw-006	LL6mw-001	LL6mw-002	LL6mw-003	LL12mw-088
Sample ID		MCL	Region 9 PRG	FWGLL5mw-003C-0740-GF	FWGLL5mw-004C-0741-GF	FWGLL5mw-005C-0742-GF	FWGLL5mw-006C-0743-GF	FWGLL6mw-001C-0744-GF	FWGLL6mw-002C-0781-GF	FWGLL6mw-003C-0782-GF	FWGLL12mw-088C-0635-GF
Date Collected				4/10/2008	4/10/2008	4/11/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	50 U	**680**	**606**	**60.7 J**	**24.2 J**	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U	**21.9**
Barium	µg/L	2000	2600	**19.8 J**	**22.4 J**	**14.9**	**16.8**	**17.4**	**21.6**	**7 J**	**379**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**93500 J**	**67700 J**	**61000**	**59700**	**68800**	**129000**	**68400**	**149000**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Iron	µg/L	300	11000	50 U	50 U	**1940 J**	**145 J**	50 U	50 U	**30.2 J**	**3100**
Lead	µg/L	15	NS	3 UJ	3 UJ	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**24200 J**	**24800 J**	**27000**	**34000**	**43900**	**29700**	**34300**	**52500**
Manganese	µg/L	50	880	10 UJ	**0.44 J**	**461**	**6.6 J**	**2.3 J**	**1.4 J**	**88.8**	**412**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**356 J**	**325 J**	**1870 J**	**985 J**	**1310 J**	**775 J**	**1890 J**	**2410 J**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 U	5 U	5 U	**4.2 J**	5 U	**4.3 J**
Silver	µg/L	100	180	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**3850 J**	**2270 J**	**6660**	**8300**	**7290**	**2100**	**11200**	**12800**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	10 U	**5 J**	**7.4 J**	10 U	10 U	**3.6 J**	10 U	10 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				LL12mw-107	LL12mw-113	LL12mw-128	LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188
Sample ID		MCL	Region 9 PRG	FWGLL12mw-107C-0636-GF	FWGLL12mw-113C-0637-GF	FWGLL12mw-128C-0638-GF	FWGLL12mw-154C-0639-GF	FWGLL12mw-184C-0640-GF	FWGLL12mw-185C-0641-GF	FWGLL12mw-187C-0642-GF	FWGLL12mw-188C-0643-GF
Date Collected				4/8/2008	4/8/2008	4/9/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	50 U	**1350**	**6570**	50 U	50 U	50 U	50 U	**23.8 J**
Antimony	µg/L	6	15	2 U	**0.33 J**	**0.28 J**	2 U	2 U	2 U	**0.13 J**	2 U
Arsenic	µg/L	10	0.045	5 U	**4.9 J**	**52.9**	**8**	**16.7**	5 U	5 U	5 U
Barium	µg/L	2000	2600	**27.7**	**28.5**	**75.5**	**43.3**	**9.9 J**	**54.6**	**338**	**40.5**
Beryllium	µg/L	4	NS	1 U	1 U	**0.29 J**	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	**0.19 J**	0.5 U	0.5 U	0.5 U	**0.27 J**	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**162000**	**186000**	**165000**	**130000**	**208000**	**695000**	**932000**	**140000**
Chromium	µg/L	100	NS	5 U	**2.2 J**	**8.9**	5 U	5 U	5 U	5 U	**3.3 J**
Cobalt	µg/L	NS	730	5 U	**4.2 J**	**6.3**	5 U	5 U	**2.3 J**	**9.1**	**4.7 J**
Copper	µg/L	1300	1500	5 U	5 U	**6 J**	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 R	0.01 U	0.01 U	0.01 R	0.01 R	0.01 U	0.01 R	0.01 R
Iron	µg/L	300	11000	**50.8 J**	**3660**	17400 J	**162 J**	**2680 J**	50 U	50 U	**227 J**
Lead	µg/L	15	NS	3 U	**2.1 J**	**5.2**	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**68500**	**75200**	**101000**	**60500**	**157000**	**297000**	**286000**	**112000**
Manganese	µg/L	50	880	**277**	**1510**	**333**	**70.5**	**527**	**1580**	**2030**	**664**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	**5.1 J**	**14.4**	10 U	10 U	**4.6 J**	**12.4**	**3.6 J**
Potassium	µg/L	NS	NS	**2240**	**4580 J**	**3630 J**	**1950**	**2670**	**7680 J**	**51100**	**2190**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	100	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**3.6 J**
Sodium	µg/L	NS	NS	**16800**	**23000**	**19000**	**21400**	**39000**	**55800**	**34600**	**31800**
Thallium	µg/L	2	2.4	1 U	1 U	**0.18 J**	1 U	1 U	1 U	**0.59 J**	1 U
Vanadium	µg/L	NS	36	**1 J**	**0.83 J**	**9.6 J**	10 U	10 U	10 U	10 U	**2.2 J**
Zinc	µg/L	5000	11000	10 U	**13.1**	**30.5**	10 U	**7.4 J**	**4 J**	**6 J**	**2.6 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				LL12mw-189	LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010	B12mw-011
Sample ID		MCL	Region 9 PRG	FWGLL12mw-189C-0644-GF	FWGLL12mw-242C-0645-GF	FWGLL12mw-243C-0646-GF	FWGLL12mw-244C-0647-GF	FWGLL12mw-245C-0648-GF	FWGLL12mw-246C-0649-GF	FWGB12mw-010C-0-GF	FWGB12mw-011C-0784-GF
Date Collected				4/8/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/10/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	**37.2 J**	**36.5 JB**	**220 B**	**9040**	50 U	**19.7 JB**	**240**	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	**0.95 J**	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**3.9 J**	**19**	**16.5**	**21.4**	5 U	**29.5**	5 U	5 U
Barium	µg/L	2000	2600	**18.7**	**23.3**	**34.6**	**145**	**30.2**	**42.4**	**5.4 J**	**1.6 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	**0.4 J**	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**162000**	**69300**	**126000**	**73500**	**130000**	**108000**	**4820**	**11900**
Chromium	µg/L	100	NS	5 U	5 U	5 U	**12.4**	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	5 U	5 U	**9.5**	5 U	5 U	5 U	5 U
Copper	µg/L	1300	1500	5 U	5 U	5 U	**14.2 J**	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U
Iron	µg/L	300	11000	**491**	**565 J**	**2180 J**	**20700 J**	**73.5 J**	**1130 J**	**428 J**	50 U
Lead	µg/L	15	NS	3 U	3 U	3 U	**6.9**	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**78500**	**46500**	**84800**	**26300**	**63700**	**53900**	**4780**	**9100**
Manganese	µg/L	50	880	**327**	**67.3**	**928**	**360**	**56.5**	**78.6**	**62 J**	**52**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	10 U	10 U	**22**	10 U	10 U	**18.8 J**	10 U
Potassium	µg/L	NS	NS	**1940 J**	**1840 J**	**3270 J**	**4340 J**	**3140 J**	**7520 J**	**675 J**	**1340 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	100	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**51200**	**33400**	**23200**	**7430**	**21300**	**23300**	**3250**	**5020**
Thallium	µg/L	2	2.4	**0.17 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	**14.1**	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	10 U	**4.2 J**	**3.2 J**	**46.4**	**2.9 J**	**5.1 J**	**7.9 J**	**3.6 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002	CBPmw-003
Sample ID		MCL	Region 9 PRG	FWGB12mw-012C-0785-GF	FWGCBLmw-001C-0650-GF	FWGCBLmw-002C-0651-GF	FWGCBLmw-003C-0652-GF	FWGCBLmw-004C-0653-GF	FWGCBPmw-001C-0654-GF	FWGCBPmw-002C-0655-GF	FWGCBPmw-003C-0656-GF
Date Collected				4/9&10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	50 U	**24.3 J**	**30.2 J**	50 U	**469**	50 U	**24.9 JB**	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 U	5 U	5 U	5 U	5 U	**80.6**	**15.3**	**17.2**
Barium	µg/L	2000	2600	**7.8 J**	**34.3**	**64.3**	**45.7**	**19.1**	**6.8 J**	**11.2**	**14**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**52300**	**2860**	**6650**	**13900**	**7150**	**326000**	**166000**	**147000**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Copper	µg/L	1300	1500	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**29.7 J**	**32.4 J**	50 U	50 U	**40.7 J**	**6940 J**	**426 J**	**929 J**
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**38600**	**1780**	**4350**	**3500**	**2340**	**177000**	**106000**	**87800**
Manganese	µg/L	50	880	**9.5 J**	**4.8 JB**	**9.5 JB**	**3.6 JB**	**21.4 J**	**104**	**66.7**	**49**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.16 UJ	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	**5.8 J**	**7.7 J**	**3.4 J**	10 U	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**2260**	**739 J**	**1320 J**	**917 J**	**1190**	**18400 J**	**3490 J**	**5670 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	100	180	5 U	**3.2 J**	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**17700**	**2100**	**2070**	**1140**	**1300**	**72200**	**52700**	**94100**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	**1.8 J**	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**9.4 J**	**5.9 J**	**37.2**	**7.6 J**	**9 J**	**4.6 J**	**3.5 J**	**3.5 J**

Notes:

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N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				CBPmw-004	CBPmw-006	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004	CPmw-005
Sample ID		MCL	Region 9 PRG	FWGCBPmw-004C-0657-GF	FWGCBPmw-006C-0658-GF	FWGCBPmw-008C-0659-GF	FWGCPmw-001C-0660-GF	FWGCPmw-002C-0661-GF	FWGCPmw-003C-0662-GF	FWGCPmw-004C-0663-GF	FWGCPmw-005C-0664-GF
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	**243 JB**	**24.8 JB**	**76.5 B**	**50.8 B**	**59.2 B**	**41.1 JB**	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**42.1 J**	**4.2 J**	**4.2 J**	5 U	5 U	**7.1**	5 U	**29.3**
Barium	µg/L	2000	2600	**72**	**115 J**	**11.2 J**	**9.4 J**	**50.3**	**43.2**	**16**	**154**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**70700**	**70000 J**	**191000 J**	**32900**	**101000**	**22300**	**60600**	**58800**
Chromium	µg/L	100	NS	5 U	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U
Copper	µg/L	1300	1500	5 U	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**1150 J**	**276 J**	**526 J**	**36.6 J**	**44.4 J**	**757 J**	50 U	**408 J**
Lead	µg/L	15	NS	3 U	3 UJ	3 UJ	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**34800**	**27800 J**	**83300 J**	**7840**	**30400**	**3500**	**23300**	**25000**
Manganese	µg/L	50	880	**51.3**	**45.5 J**	**78.8 J**	**1.2 J**	**300**	**96.5**	**0.51 J**	**43.6**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.14 UJ	0.14 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**2080 J**	**1650 J**	**4460 J**	**246 J**	**697 J**	**1250 J**	**808 J**	**2540 J**
Selenium	µg/L	50	180	5 U	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	100	180	5 U	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**18800**	**15700 J**	**110000 J**	**4940**	**13600**	**17700**	**6340**	**36700**
Thallium	µg/L	2	2.4	**0.16 J**	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**3.3 J**	**2.9 J**	10 U	**2.6 J**	**3.5 J**	**2.4 J**	10 U	**3.2 J**

Notes:

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Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				CPmw-006	DET-003	DET-004	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109
Sample ID		MCL	Region 9 PRG	FWGCPmw-006C-0665-GF	FWGDETmw-003C-0666-GF	FWGDETmw-004C-0667-GF	FWGDA2mw-104C-0668-GF	FWGDA2mw-105C-0669-GF	FWGDA2mw-106C-0670-GF	FWGDA2mw-108C-0671-GF	FWGDA2mw-109C-0672-GF
Date Collected				4/9/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	**111 JB**	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	**0.15 J**	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**4.7 J**	**9.9**	5 U	5 U	4.6 UJ	3.9 UJ	5 U	5 U
Barium	µg/L	2000	2600	**78.7**	**47.8**	**42.4**	**14.6**	**55**	**49.6**	**31.5**	**22.5**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**92700**	**82800**	**106000**	**43500**	**80700**	**151000**	**40000**	**93400**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	5 U	5 U	5 U	5 U	**9.6**	5 U	5 U
Copper	µg/L	1300	1500	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**7820 J**	**1640 J**	50 U	50 U	**886 J**	**9190 J**	**2360 J**	50 U
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**27200**	**31600**	**22400**	**12800**	**23000**	**54100**	**15700**	**37000**
Manganese	µg/L	50	880	**2510**	**281**	**1.5 J**	**0.98 J**	**341**	**5640**	**372**	**2.4 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	10 U	10 U	10 U	10 U	**4.6 J**	10 U	10 U
Potassium	µg/L	NS	NS	**2770 J**	**1490 J**	**1460 J**	**646 J**	**1000 J**	**1470 J**	**1980 J**	**778 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Silver	µg/L	100	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**33200**	**11400**	**2900**	**3300**	**7130**	**23300**	**13600**	**12800 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**4.9 J**	10 U	**6.1 J**	**5.4 J**	10 U	**10.6**	**4 J**	**3 J**

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Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	EBGmw-123	EBGmw-124	EBGmw-125	EBGmw-126
Sample ID		MCL	Region 9 PRG	FWGDA2mw-110C-0673-GF	FWGDA2mw-111C-0674-GF	FWGDA2mw-112C-0675-GF	FWGDA2mw-113C-0676-GF	FWGEBGmw-123C-0677-GF	FWGEBGmw-124C-0678-GF	FWGEBGmw-125C-0679-GF	FWGEBGmw-126C-0680-GF
Date Collected				4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/16/2008	4/16/2008	4/16/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	**57.7**	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 U	5 U	5 U	5 U	**31.6 J**	**42.3 J**	5 UJ	**13.9 J**
Barium	µg/L	2000	2600	**6.7 J**	**22.9**	**21.1**	**38.5**	**186 J**	**171 J**	**57.5 J**	**229 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**50900**	**103000**	**78400**	**66500**	**88800 J**	**81200 J**	**44800 J**	**90800 J**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Cobalt	µg/L	NS	730	5 U	5 U	1.8 UJ	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Copper	µg/L	1300	1500	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	**0.0051 J**	0.01 U
Iron	µg/L	300	11000	**78.3 J**	50 U	**2350 J**	**2730 J**	**3500**	**3130**	**6330**	**5230**
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**15700**	**40200**	**20100**	**16800**	**15100 J**	**17600 J**	**8520 J**	**16200 J**
Manganese	µg/L	50	880	**12.8**	**238**	544	**507**	**154 J**	**55.6 J**	**438 J**	**202 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Potassium	µg/L	NS	NS	**772 J**	**2940 J**	**1730 J**	**1010 J**	**945 J**	**1060 J**	**1060 J**	**1270 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**4310**	**28300 J**	**4830**	**2950**	**7700 J**	**11200 J**	**3170 J**	**7150 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Zinc	µg/L	5000	11000	10 U	**7.6 J**	**4.3 J**	**3.1 J**	10 U	10 U	10 U	**6.8 J**

Notes:

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Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				EBGmw-127	EBGmw-128	EBGmw-129	EBGmw-130	FBQmw-166	FBQmw-167	FBQmw-168	FBQmw-169
Sample ID		MCL	Region 9 PRG	FWGEBGmw-127C-0681-GW	FWGEBGmw-128C-0682-GW	FWGEBGmw-129C-0683-GW	FWGEBGmw-130C-0684-GW	FWGFBQmw-166C-0685-GF	FWGFBQmw-167C-0686-GF	FWGFBQmw-168C-0687-GF	FWGFBQmw-169C-0688-GF
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	**114 J**	50 U	50 U	50 U	50 U	50 U	50 U	**36.5 J**
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	**0.13 J**	**0.33 J**	2 U
Arsenic	µg/L	10	0.045	**14 J**	**5 J**	5 UJ	**4.5 J**	5 UJ	5 UJ	5 UJ	5 UJ
Barium	µg/L	2000	2600	**368 J**	**55.1 J**	**25.3 J**	**37.6 J**	**32.1 J**	**63.9 J**	**28.1 J**	**54.8 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.16 J**	0.5 U	**0.86**
Calcium	µg/L	NS	NS	**75800 J**	**46400 J**	**47400 J**	**73700 J**	**95300 J**	**29500 J**	**40100 J**	**26300 J**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Cobalt	µg/L	NS	730	5 UJ	5 UJ	5 UJ	**2.2 J**	5 UJ	**6.8 J**	5 UJ	**12.1 J**
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**1620**	**212**	**5750**	**2980**	50 U	**15900**	50 U	**961**
Lead	µg/L	15	NS	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**17500 J**	**8240 J**	**11100 J**	**16600 J**	**35600 J**	**13700 J**	**7510 J**	**18000 J**
Manganese	µg/L	50	880	**31.6 J**	**152 J**	**655 J**	**762 J**	**21.7 J**	**2220 J**	**1.2 J**	**7070 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	**7.6 J**	10 UJ	**13.2 J**
Potassium	µg/L	NS	NS	**1470 J**	**711 J**	**898 J**	**2730 J**	**815 J**	**1650 J**	**745 J**	**1990 J**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**4210 J**	**3780 J**	**2940 J**	**3840 J**	**14000 J**	**33400 J**	**1730 J**	**31400 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Zinc	µg/L	5000	11000	10 U	10 U	**6.5 J**	**4.9 J**	10 U	**17.7**	10 U	**9.3 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				FBQmw-170	FBQmw-171	FBQmw-172	FBQmw-173	FBQmw-174	FBQmw-175	FBQmw-176	FBQmw-177
Sample ID		MCL	Region 9 PRG	FWGFBQmw-170C-0689-GF	FWGFBQmw-171C-0690-GF	FWGFBQmw-172C-0691-GF	FWGFBQmw-173C-0692-GF	FWGFBQmw-174C-0693-GF	FWGFBQmw-175C-0694-GF	FWGFBQmw-176C-0695-GF	FWGFBQmw-177C-0696-GF
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	**28.1 J**	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	**0.17 J**	2 U	2 U
Arsenic	µg/L	10	0.045	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Barium	µg/L	2000	2600	**40.9 J**	**30 J**	**48.2 J**	**9.5 J**	**13.8 J**	**6.8 J**	**52.8 J**	**10.4 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	**0.14 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**8200 J**	**16600 J**	**90500 J**	**8180 J**	**6340 J**	**8310 J**	**8880 J**	**41800 J**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Cobalt	µg/L	NS	730	5 UJ	5 UJ	**2 J**	5 UJ	5 UJ	5 UJ	**3.2 J**	5 UJ
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	50 U	50 U	**153**	**5190**	50 U	50 U	**8480**	50 U
Lead	µg/L	15	NS	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**2970 J**	**5420 J**	**40800 J**	**3310 J**	**2150 J**	**4470 J**	**3240 J**	**11700 J**
Manganese	µg/L	50	880	**94.2 J**	**29.7 J**	**2370 J**	**1260 J**	**13.5 J**	**47 J**	**1440 J**	**1130 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	**4.5 J**	10 UJ	10 UJ	10 UJ	10 UJ	**9.6 J**	10 UJ	10 UJ
Potassium	µg/L	NS	NS	**688 J**	**822 J**	**908 J**	**1240 J**	**815 J**	**622 J**	**834 J**	**1080 J**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**7960 J**	**1000 J**	**8030 J**	**1300 J**	1000 UJ	**4410 J**	**1920 J**	**2870 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	**0.19 J**	1 U	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Zinc	µg/L	5000	11000	**15.8**	**12.5**	10 U	**7.6 J**	**13.9**	**10**	**4.2 J**	10 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				LNWmw-024	LNWmw-025	LNWmw-026	LNWmw-027	MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004
Sample ID		MCL	Region 9 PRG	FWGLNWmw-024C-0697-GF	FWGLNWmw-025C-0698-GF	FWGLNWmw-026C-0699-GF	FWGLNWmw-027C-0700-GF	FWGMBSmw-001C-0732-GW	FWGMBSmw-002C-0733-GW	FWGMBSmw-003C-0734-GW	FWGMBSmw-004C-0735-GW
Date Collected				4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	NS	36000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 UJ	**4.4 J**	5 UJ	5 UJ	5 UJ	**15.1 J**	5 UJ	5 UJ
Barium	µg/L	2000	2600	**38.4 J**	**38.4 J**	**103 J**	**31.1 J**	**113 J**	**108 J**	**18.4 J**	**34.6 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**83000 J**	**37700 J**	**40100 J**	**57900 J**	**78100 J**	**67000 J**	**80500 J**	**78800 J**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**2.7 J**	5 UJ	5 UJ
Cobalt	µg/L	NS	730	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**3.1 J**	5 UJ	5 UJ
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**5.1 J**	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ
Iron	µg/L	300	11000	50 U	**1460**	50 U	**44.9 J**	**103**	**463**	50 U	50 U
Lead	µg/L	15	NS	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**37000 J**	**11300 J**	**9490 J**	**18300 J**	**21800 J**	**17500 J**	**24800 J**	**23600 J**
Manganese	µg/L	50	880	**3.9 J**	**942 J**	**14.1 J**	**230 J**	**227 J**	**213 J**	**0.96 J**	**25.9 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Potassium	µg/L	NS	NS	**1150 J**	**876 J**	**1180 J**	**1700 J**	**1180 J**	**1180 J**	**1200 J**	**1160 J**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**3.6 J**	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**9930 J**	**6630 J**	**10800 J**	**8600 J**	**12500 J**	**8300 J**	**4850 J**	**5660 J**
Thallium	µg/L	2	2.4	**0.2 J**	1 U	1 U	1 U	1 U	**0.19 J**	1 U	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	**3.5 J**	10 UJ	10 UJ
Zinc	µg/L	5000	11000	10 U	**2.5 J**	**2.4 J**	10 U	10 U	10 U	10 U	10 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				MBSmw-005	MBSmw-006	NTAmw-107	NTAmw-108	NTAmw-109	NTAmw-110	NTAmw-111
Sample ID		MCL	Region 9 PRG	FWGMBSmw-005C-0736-GW	FWGMBSmw-006C-0737-GW	FWGNTAmw-107C-0701-GW	FWGNTAmw-108C-0702-GW	FWGNTAmw-109C-0703-GW	FWGNTAmw-110C-0704-GW	FWGNTAmw-111C-0705-GW
Date Collected				4/15/2008	4/15/2008	4/14/2008	4/14/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Aluminum	µg/L	NS	36000	50 U	**85**	50 U	50 U	50 U	1100	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	**0.14 J**	**0.18 J**	2 U
Arsenic	µg/L	10	0.045	**8.6 J**	5 UJ	**11.5 J**	5 UJ	5 UJ	**10.8 J**	5 UJ
Barium	µg/L	2000	2600	**79.3 J**	**86.8 J**	**102 J**	**67.4 J**	**24.9 J**	**122 J**	**58.1 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**80700 J**	**79600 J**	**62400 J**	**93300 J**	**7890 J**	**44700 J**	**76500 J**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 UJ	**3.6 J**	5 UJ	5 UJ	5 UJ
Cobalt	µg/L	NS	730	5 UJ	5 UJ	5 UJ	**3.5 J**	5 UJ	5 UJ	5 UJ
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 UJ	**4.6 J**	5 UJ	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 UJ
Iron	µg/L	300	11000	**1860**	**111**	**223**	50 U	**1330**	**1460**	**36.8 J**
Lead	µg/L	15	NS	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**24600 J**	**23300 J**	**16800 J**	**25200 J**	**3570 J**	**12400 J**	**37200 J**
Manganese	µg/L	50	880	**725 J**	**410 J**	**198 J**	**3.9 J**	**46.1 J**	**128 J**	**84.4 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 UJ	10 UJ	10 UJ	**3.6 J**	10 UJ	10 UJ	10 UJ
Potassium	µg/L	NS	NS	**1090 J**	**1390 J**	**1470 J**	**1080 J**	**970 J**	**1240 J**	**970 J**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 UJ	5 UJ	5 UJ	**4 J**	5 UJ	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**14500 J**	**6560 J**	**7400 J**	**10700 J**	**1050 J**	**15100 J**	**11700 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 UJ	**2.7 J**	10 UJ	**1.3 J**	10 UJ
Zinc	µg/L	5000	11000	10 U	10 U	10 U	10 U	**2.6 J**	**5.5 J**	10 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				NTAmw-112	NTAmw-113	NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117	NTAmw-118
Sample ID		MCL	Region 9 PRG	FWGNTAmw-112C-0706-GW	FWGNTAmw-113C-0707-GW	FWGNTAmw-114C-0708-GW	FWGNTAmw-115C-0709-GW	FWGNTAmw-116C-0710-GW	FWGNTAmw-117C-0711-GW	FWGNTAmw-118C-0712-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Aluminum	µg/L	NS	36000	**117**	50 U	50 U	50 U	50 U	50 U	**22 J**
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**16.3 J**	**11.2 J**	**3.9 J**	5 UJ	5 UJ	5 UJ	5 UJ
Barium	µg/L	2000	2600	**38.4 J**	**46.1 J**	**79.2 J**	**50.1 J**	**18.1 J**	**83.2 J**	**15.5 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**131000 J**	**83500 J**	**92200 J**	**66300 J**	**16600 J**	**71800 J**	**61300 J**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Cobalt	µg/L	NS	730	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 UJ	0.01 U	**0.0076 J**	0.01 UJ	**0.0056 J**	0.01 U
Iron	µg/L	300	11000	**1600**	**495**	**62.6**	50 U	50 U	50 U	50 U
Lead	µg/L	15	NS	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**40700 J**	**35400 J**	**31600 J**	**16500 J**	**2900 J**	**17800 J**	**28300 J**
Manganese	µg/L	50	880	**606 J**	**244 J**	**519 J**	**12.6 J**	**18.4 J**	**143 J**	**28.7 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Potassium	µg/L	NS	NS	**2450 J**	**1640 J**	**1060 J**	**715 J**	**769 J**	**1180 J**	**1350 J**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**19000 J**	**14300 J**	**7730 J**	**9370 J**	**1440 J**	**10800 J**	**9720 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Zinc	µg/L	5000	11000	**2.9 J**	10 U	**2.4 J**	10 U	10 U	10 U	**2.3 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				RQLmw-007	RQLmw-008	RQLmw-009	RQLmw-012	RQLmw-013	RQLmw-014
Sample ID		MCL	Region 9 PRG	FWGRQLmw-007C-0713-GF	FWGRQLmw-008C-0714-GF	FWGRQLmw-009C-0715-GF	FWGRQLmw-012C-0716-GF	FWGRQLmw-013C-0717-GF	FWGRQLmw-014C-0718-GF
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
Aluminum	µg/L	NS	36000	**41.2 J**	50 U	**19.8 J**	**1030**	**4310**	50 U
Antimony	µg/L	6	15	**0.48 J**	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**11.3 J**	**15.4 J**	5 U	5 UJ	5 UJ	5 U
Barium	µg/L	2000	2600	**40.7 J**	**125 J**	**15.4**	**27.2 J**	**33.9 J**	**25.5**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	**0.6 J**	1 U
Cadmium	µg/L	5	NS	**0.52**	0.5 U	0.5 U	**0.52**	**0.14 J**	0.5 U
Calcium	µg/L	NS	NS	**137000 J**	**59800 J**	**16900**	**60100 J**	**22000 J**	**14300**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 U	5 UJ	5 UJ	5 U
Cobalt	µg/L	NS	730	**8.9 J**	**3.2 J**	5 U	**6.5 J**	**37.6 J**	**12.4**
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 U	5 UJ	5 UJ	5 U
Cyanide	mg/L	0.2	0.73	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Iron	µg/L	300	11000	**2010 J**	**101000 J**	**869 J**	**70.5 J**	**4860 J**	**16900 J**
Lead	µg/L	15	NS	3 UJ	3 UJ	3 U	3 UJ	3 UJ	3 U
Magnesium	µg/L	NS	NS	**44800 J**	**47300 J**	**12900**	**17700 J**	**11000 J**	**8900**
Manganese	µg/L	50	880	**1530 J**	**802 J**	**1030 J**	**216 J**	**693 J**	**3070**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.18 UJ	0.2 U	0.2 U
Nickel	µg/L	NS	730	**13.4 J**	**4.1 J**	10 U	**20.8 J**	**72 J**	**21.5 J**
Potassium	µg/L	NS	NS	**4440 J**	**4140 J**	**2750**	**4540 J**	**2160 J**	**2190**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 U	5 UJ	5 UJ	5 U
Silver	µg/L	100	180	5 UJ	5 UJ	5 U	5 UJ	5 UJ	5 U
Sodium	µg/L	NS	NS	**6430 J**	**5180**	**1410**	**4200 J**	**21900 J**	**3770**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	**0.4 J**	**0.91 J**	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
Zinc	µg/L	5000	11000	**50.1**	**10.9**	**4 J**	**61.3**	**230**	**26.1**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				RQLmw-015	RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011
Sample ID		MCL	Region 9 PRG	FWGRQLmw-015C-0719-GF	FWGRQLmw-016C-0720-GF	FWGRQLmw-017C-0721-GF	FWGWBGmw-005C-0722-GF	FWGWBGmw-008C-0723-GF	FWGWBGmw-010C-0724-GF	FWGWBGmw-011C-0725-GF
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Aluminum	µg/L	NS	36000	50 U	50 U	**1160**	50 U	50 U	50 U	**338 J**
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	**0.15 J**	2 U
Arsenic	µg/L	10	0.045	5 U	**3.4 J**	5 U	**9.3 J**	5 UJ	5 UJ	5 UJ
Barium	µg/L	2000	2600	**1.5 J**	**12.9 J**	**16.4**	**68.9 J**	**27.7 J**	**25.2 J**	**45.9 J**
Beryllium	µg/L	4	NS	1 U	1 U	**0.9 J**	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**21900**	**438000 J**	**142000**	**50400 J**	**89400 J**	**94100 J**	**77600 J**
Chromium	µg/L	100	NS	5 U	5 UJ	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Cobalt	µg/L	NS	730	**2.1 J**	**3.5 J**	**52.8**	5 UJ	5 UJ	5 UJ	5 UJ
Copper	µg/L	1300	1500	5 U	5 UJ	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 UJ	0.01 U	**0.0062 J**	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**563 J**	**16300 J**	**86.3 J**	**9320**	**36.4 J**	**48.7 J**	**775**
Lead	µg/L	15	NS	3 U	3 UJ	3 U	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**10500**	**68300 J**	**34100**	**15900 J**	**20900 J**	**36700 J**	**16700 J**
Manganese	µg/L	50	880	**1110**	**7460 J**	**6140**	**1180 J**	**3.5 J**	**167 J**	**38.7 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	**4.9 J**	**15.7 J**	**194**	10 UJ	10 UJ	10 UJ	10 UJ
Potassium	µg/L	NS	NS	**1400 J**	**3590 J**	**3420 J**	**861 J**	**597 J**	**702 J**	**3790 J**
Selenium	µg/L	50	180	5 U	5 UJ	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 U	5 UJ	5 U	5 UJ	5 UJ	5 UJ	5 UJ
Sodium	µg/L	NS	NS	1000 U	**7700 J**	**8260**	**12800 J**	**7600 J**	**20200 J**	**4690 J**
Thallium	µg/L	2	2.4	1 U	1 U	**0.26 J**	1 U	1 U	**0.17 J**	1 U
Vanadium	µg/L	NS	36	10 U	10 UJ	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Zinc	µg/L	5000	11000	**26.9**	**3.2 J**	**1290**	**3 J**	10 U	**3.3 J**	**3.4 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP April 2008 Inorganics Analytical Results

Station ID				WBGmw-012	WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-012C-0726-GF	FWGWBGmw-013C-0727-GF	FWGWBGmw-014C-0728-GF	FWGWBGmw-015C-0729-GF	FWGWBGmw-016C-0730-GF	FWGWBGmw-017C-0731-GF
Date Collected				4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
Aluminum	µg/L	NS	36000	50 U	50 U	50 U	50 U	50 U	**2680 J**
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**12 J**
Barium	µg/L	2000	2600	**27.8 J**	**16.9 J**	**15.8 J**	**50.4 J**	**19.8 J**	**70.2 J**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**64500 J**	**50400 J**	**62500 J**	**88700 J**	**51200 J**	**60000 J**
Chromium	µg/L	100	NS	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**4.6 J**
Cobalt	µg/L	NS	730	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Copper	µg/L	1300	1500	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	**4.9 J**
Cyanide	mg/L	0.2	0.73	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**71.1**	50 U	50 U	50 U	50 U	**5140**
Lead	µg/L	15	NS	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ	3 UJ
Magnesium	µg/L	NS	NS	**19500 J**	**14500 J**	**16000 J**	**30300 J**	**8770 J**	**16800 J**
Manganese	µg/L	50	880	**0.97 J**	**0.85 J**	**43.6 J**	**21 J**	**0.54 J**	**397 J**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	**3.5 J**
Potassium	µg/L	NS	NS	**844 J**	**666 J**	**2540 J**	**1170 J**	**756 J**	**1740 J**
Selenium	µg/L	50	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Silver	µg/L	100	180	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
Sodium	µg/L	NS	NS	**6430 J**	**2000 J**	**8830 J**	**13600 J**	**1340 J**	**4190 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	**0.21 J**	1 U	1 U
Vanadium	µg/L	NS	36	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	**4.6 J**
Zinc	µg/L	5000	11000	10 U	10 U	**2.5 J**	10 U	10 U	**16.4 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMP April 2008 Inorganics Analytical Results

Data Qualifiers

Data qualifier flags are used in an effort to describe the quality of each piece of data for each constituent. These flags are letter codes appended to the numerical data. The following data qualifiers are specified in the USACE Louisville Chemistry Guidelines (LCG). For a complete explanation of qualifiers used for each constituent please refer to the Data Verification Summaries in Appendix B.

U- The analyte was analyzed for but not detected. The numerical value preceding the U is the associated reporting limit.

J- The identification of the analyte is acceptable, but the quality assurance criteria indicate that the quantitative values may be outside the normal expected range of precision (i.e., the quantitative value is estimated). Examples include:
- Results detected above the laboratory MDL but less than the laboratory reporting limit.
- MS/MSD percent recoveries outside the acceptance criteria.
- Laboratory control sample (LCS) percent recoveries outside acceptance criteria.

R- Data are considered to be rejected and shall not be used. This flag denotes the failure of quality control criteria such that it cannot be determined if the analyte is present or absent from the sample [e.g., the method reporting limit (MRL) verification standard was below quality control guidelines; associated sample results that were non-detect are unusable].

UJ- This flag is a combination of the U and J qualifiers which indicate that the analyte is not present. The reported value is considered to be an estimated reporting limit (RL).

B- The B flag is used for both organic and inorganic analyses when the analyte is found in the method blank or any of the field blanks. This designation overrides the Contract Laboratory Program (CLP) "B" designation when used by the laboratory as an estimated value for inorganics.

Table 3-4 RVAAP Facility-wide Background Criteria, (SAIC, 2001b)

Media Units	Surface Soil mg/kg	Subsurface Soil mg/kg	Sediment mg/kg	Surface Water ug/L	Groundwater Bedrock Zone Filtered ug/L	Groundwater Bedrock Zone Unfiltered ug/L	Groundwater Unconsolidated Zone Filtered ug/L	Groundwater Unconsolidated Unfiltered ug/L
Analyte								
Cyanide	0	0	0	0	0	0	0	0
Aluminum	17700	19500	13900	3370	0	9410	0	0
Antimony	0.96	0.96	0	0	0	0	0	0
Arsenic	15.4	19.8	19.5	3.2	0	19.1	11.7	11.7
Barium	88.4	124	123	47.5	256	241	82.1	82.1
Beryllium	0.88	0.88	0.38	0	0	0	0	0
Cadmium	0	0	0	0	0	0	0	0
Calcium	15800	35500	5510	41400	53100	48200	115000	115000
Chromium	17.4	27.2	18.1	0	0	19.5	7.3	7.3
Cobalt	10.4	23.2	9.1	0	0	0	0	0
Copper	17.7	32.3	27.6	7.9	0	17	0	0
Iron	23100	35200	28200	2560	1430	21500	279	279
Lead	26.1	19.1	27.4	0	0	23	0	0
Magnesium	3030	8790	2760	10800	15000	13700	43300	43300
Manganese	1450	3030	1950	391	1340	1260	1020	1020
Mercury	0.036	0.044	0.059	0	0	0	0	0
Nickel	21.1	60.7	17.7	0	83.4	85.3	0	0
Potassium	927	3350	1950	3170	5770	6060	2890	2890
Selenium	104	105	107	0	0	0	0	0
Silver	0	0	0	0	0	0	0	0
Sodium	123	145	112	21300	51400	49700	45700	45700
Thallium	0	0.91	0.89	0	0	0	0	0
Vanadium	31.1	37.6	26.1	0	0	15.5	0	0
Zinc	61.8	93.3	532	42	52.3	193	60.9	60.9

3.2.3 Volatile Organic Compounds (VOCs)

VOC analytical results are summarized in Table 3-5. The following VOCs were detected above the MDL for this sampling event.

- Acetone – LL5mw-003 (2 µg/L J), LL6mw-001 (1.3 µg/L J), LL6mw-002 (1.5 µg/L J), LL12mw-154 (1.6 µg/L J B), B12mw-012 (1.2 µg/L J), CBLmw-003 (1.2 µg/L J), CBLmw-004 (1.5 µg/L J), CBPmw-008 (1.7 µg/L J), CPmw-005 (1.2 µg/L J), CPmw-006 (4.7 µg/L J), DET-003 (3.3 µg/L J B), DET-004 (1.2 µg/L J B), DA2mw-105 (2.6 µg/L J B), DA2mw-106 (1.7 µg/L J B), DA2mw-112 (2 µg/L J B), DA2mw-113 (2.8 µg/L J B), RQLmw-009 (6.3 µg/L J), RQLmw-015 (1.3 µg/L J), FBQmw-166 (3.1 µg/L J B), FBQmw-168 (1.8 µg/L J B), FBQmw-170 (4.3 µg/L J B), FBQmw-171 (3.8 µg/L J B), FBQmw-174 (2.6 µg/L J B), FBQmw-176 (3.1 µg/L J B), MBSmw-006 (2.5 µg/L J B), NTAmw-112 (2.1 µg/L J B). There is no MCL for acetone. The Region 9 PRG is 5,500 µg/L.

- Benzene – LL12mw-113 (0.25 µg/L J). The MCL for benzene is 5 µg/L. The Region 9 PRG is 0.35 µg/L.

- 2-Butanone – LL3mw-235 (0.71 J), LL12mw-188 (0.68 µg/L J), LL12mw-189 (0.7 µg/L J), LL12mw-243 (0.57 µg/L J), LL12mw-244 (0.84 µg/L J), LL12mw-246 (0.86 µg/L J), CPmw-003 (0.58 µg/L J), CPmw-004 (0.63 µg/L J), CPmw-006 (0.68 µg/L J), DA2mw-104 (0.57 µg/L J), DA2mw-105 (0.8 µg/L J), DA2mw-106 (0.71 µg/L J), DA2mw-108 (0.7 µg/L J), DA2mw-110 (0.63 µg/L J), DA2mw-111 (0.69 µg/L J), DA2mw-112 (0.87 µg/L J), DA2mw-113 (0.87 µg/L J), RQLmw-007 (0.72 µg/L J), RQLmw-009 (0.97 µg/L J), RQLmw-013 (0.63 µg/L J), RQLmw-015 0.59 µg/L J), RQLmw-016 (0.77 µg/L J), RQLmw-017 (0.75 µg/L J), EBGmw-129 (10 µg/L), EBGmw-130 (0.59 µg/L J), MBSmw-004 (10 µg/L). There is no MCL for 2-butanone. The Region 9 PRG is 7,000 µg/L.

- Carbon disulfide – CBPmw-004 (0.42 µg/L J), RQLmw-016 (0.84 µg/L J). There is no MCL for carbon disulfide. The Region 9 PRG is 1,000 µg/L.

- Cis-1,2-dichloroethene – RQLmw-007 (0.67 µg/L J). The MCL for cis-1,2-dichloroethene is 70 µg/L. The Region 9 PRG is 61 µg/L.

- 1,2-Dichloroethene (total) – RQLmw-007 (0.67 µg/L J). There is no MCL or Region 9 PRG for total 1,2-dichloroethene. Reference the clean levels for cis-1,2-dichloroethene.

- Toluene – WBGmw-013 (0.19 µg/L J). The MCL for toluene is 1,000 µg/L. The Region 9 PRG is 720 µg/L.

- m&p-xylenes – LL12mw-242 (0.89 µg/L J), LL12mw-243 (0.9 µg/L J), LL12mw-244 (0.88 µg/L J), B12mw-011 (0.87 µg/L J), CBPmw-001 (0.88 µg/L J). There is no MCL or Region 9 PRG for m&p xylenes – reference total xylenes.

- o-xylene – LL12mw-242 (0.49 µg/L J), B12mw-011 (0.49 µg/L J). There is no MCL or Region 9 PRG for o-xylene – reference total xylenes.

- Total xylenes – LL12mw-242 (1.4 µg/L J), LL12mw-243 (0.9 µg/L J), LL12mw-244 (0.88 µg/L J), B12mw-011 (1.4 µg/L J), CBPmw-001 (0.88 µg/L J). The MCL and the Region 9 PRG for total xylenes is 10,000 µg/L.

3.2.4 Semivolatile Organic Compounds (SVOCs)

SVOC analytical results are summarized in Table 3-6. The following SVOCs were detected above the MDL for this sampling event. Note that 2,4-Dinitrotoluene and 2,6-Dinitrotoluene are analyzed and reported under both SW-846 Methods 8330 (explosives and propellants and 8270 (SVOCs).

- Benzo(g,h,i)perylene – B12mw-010 (1 µg/L). There is no MCL or Region 9 PRG for benzo(g,h,i)perylene.

- Bis(2-Ethylhexyl)phthalate – LL1mw-079 (0.92 µg/L J), LL2mw-060 (21 µg/L), LL2mw-265 (0.92 µg/L J), LL3mw-232 (1.5 µg/L J), LL3mw-234 (0.89 µg/L J), LL3mw-237 (3.3 µg/L J), LL3mw-240 (3.7 µg/L J), LL3mw-241 (1.2 µg/L J), LL3mw-243 (1 µg/L J), LL4mw-200 (0.93 µg/L J), LL12mw-128 (2.2 µg/L J), LL12mw-184 (2.5 µg/L J), LL12mw-187 (2.2 µg/L J),LL12mw-188 (0.94 µg/L J), B12mw-010 (1.2 µg/L J), B12mw-012 (2.1 µg/L J), CBPmw-001 (1.6 µg/L J), CBPmw-002 (1.6 µg/L J), CBPmw-003 (1.1µg/L J), EBGmw-126 (2.1 µg/L J), EBGmw-128 (1.3 µg/L J), FBQmw-167 (2.5 µg/L J), FBQmw-169 (2.9 µg/L J), FBQmw-170 (0.97µg/L J), FBQmw-171 (4.1 µg/L J), FBQmw-173 (0.94 µg/L J), LNWmw-025 (1.8 µg/L J), LNWmw-026 (1.3 µg/L J), MBSmw-002 (1.4 µg/L J), MBSmw-003 (1.7 µg/L J), MBSmw-006 (1.4 µg/L J), NTAmw-107 (2.6 µg/L J), NTAmw-108 (3 µg/L J), NTAmw-109 (1.5 µg/L J), NTAmw-111 (1.3 µg/L J), NTAmw-115 (1.1 µg/L J), NTAmw-117 (1.3 µg/L J), WBGmw-005 (1.8 µg/L J), WBGmw-008 (1.2 µg/L J). There is no MCL for Bis(2-Ethylhexyl)phthalate. The Region 9 PRG is 4.8 µg/L.

- Indeno(1,2,3-cd)pyrene – B12mw-010 (0.72 µg/L). There is no MCL for indeno(1,2,3-cd)pyrene. The Region 9 PRG is 0.092.

- Pentachlorophenol – LL2mw-270 (4.7 µg/L J). The MCL is 1 µg/L. The Region 9 PRG is 0.56 µg/L.

3.2.5 Pesticides and Polychlorinated Biphenyls (PCBs)

Pesticides and PCBs analytical results are summarized in Table 3-7. The following pesticides and PCBs were detected above the MDL for this sampling event.

- beta-BHC – LL1mw-063 (0.016 µg/L J), LL1mw-079 (0.018 µg/L J), LL2mw-060 (0.011 µg/L J), LL2mw-270 (0.029 µg/L J), LL3mw-237 (0.034 µg/L), LL3mw-241 (0.038 µg/L J), LL4mw-193 (0.021 µg/L J), LL12mw-113 (0.021 µg/L J), LL12mw-188 (0.13 µg/L J), LL12mw-243 (0.011 µg/L J), CPmw-003 (0.016 µg/L J), DA2mw-108 (0.014 µg/L J), RQLmw-009 (0.01 µg/L J), WBGmw-005 (0.011 µg/L), WBGmw-013 (0.02 µg/L J). There is no MCL for beta-BHC. The Region 9 PRG is 0.032 µg/L.

- delta-BHC – LL2mw-270 (0.023 µg/L J), LL4mw-193 (0.016 µg/L J), LL12mw-188 (0.011 µg/L J), CPmw-003 µg/L J), RQLmw-015 (0.013 µg/L J), RQLmw-017 (0.077 µg/L J), FBQmw-174 (0.012 µg/L J),WBGmw-005 (0.014 µg/L J). There is no MCL or Region 9 PRG for delta-BHC.

- alpha-Chordane – FBQmw-174 (0.018 µg/L J). There is no MCL or Region 9 PRG for alpha-chordane.

- Heptachlor Epoxide – LL12mw-184 (0.0082 µg/L J). The MCL for heptachlor epoxide is 0.2 µg/L. The Region 9 PRG is 0.0074 µg/L.

- PCB-1242 – DA2mw-104 (0.57 µg/L J). The MCL for PCBs is 0.5 µg/L. The Region 9 PRG is 0.034 µg/L.

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				LL1mw-063	LL1mw-064	LL1mw-065	LL1mw-079	LL2mw-060	LL2mw-261	LL2mw-264	LL2mw-265	LL2mw-268
Sample ID		MCL	Region 9 PRG	FWGLL1mw-063C-0613-GW	FWGLL1mw-064C-0614-GW	FWGLL1mw-065C-0615-GW	FWGLL1mw-079C-0616-GW	FWGLL2mw-060C-0617-GW	FWGLL2mw-261C-0618-GW	FWGLL2mw-264C-0619-GW	FWGLL2mw-265C-0620-GW	FWGLL2mw-268C-0621-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Bromomethane	µg/L	NS	8.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				LL2mw-270	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235	LL3mw-237	LL3mw-240	LL3mw-241	LL3mw-243
Sample ID		MCL	Region 9 PRG	FWGLL2mw-270C-0622-GW	FWGLL3mw-232C-0623-GW	FWGLL3mw-233C-0624-GW	FWGLL3mw-234C-0625-GW	FWGLL3mw-235C-0626-GW	FWGLL3mw-237C-0627-GW	FWGLL3mw-240C-0628-GW	FWGLL3mw-241C-0629-GW	FWGLL3mw-243C-0630-GW
Date Collected				4/7/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	**0.71 J**	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	µg/L	NS	8.7	1 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 UJ
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 UJ
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 U
Dibromochloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 U
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 U
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				LL4mw-193	LL4mw-194	LL4mw-195	LL4mw-200	LL5mw-001	LL5mw-002	LL5mw-003	LL5mw-004	LL5mw-005
Sample ID		MCL	Region 9 PRG	FWGLL4mw-193C-0631-GW	FWGLL4mw-194C-0632-GW	FWGLL4mw-195C-0633-GW	FWGLL4mw-200C-0634-GW	FWGLL5mw-001C-0738-GW	FWGLL5mw-002C-0739-GW	FWGLL5mw-003C-0740-GW	FWGLL5mw-004C-0741-GW	FWGLL5mw-005C-0742-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/7/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	13 UJ	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Bromomethane	µg/L	NS	8.7	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				LL5mw-006	LL6mw-001	LL6mw-002	LL6mw-003	LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128	LL12mw-154
Sample ID		MCL	Region 9 PRG	FWGLL5mw-006C-0743-GW	FWGLL6mw-001C-0744-GW	FWGLL6mw-002C-0781-GW	FWGLL6mw-003C-0782-GW	FWGLL12mw-088C-0635-GW	FWGLL12mw-107C-0636-GW	FWGLL12mw-113C-0637-GW	FWGLL12mw-128C-0638-GW	FWGLL12mw-154C-0639-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	**1.3 J**	**1.5 J**	10 U	10 U	10 U	10 U	10 U	**1.6 JB**
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	**0.25 J**	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	µg/L	NS	8.7	1 UJ	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 UJ	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ
Chloroform	µg/L	NS	0.17	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 UJ	1 U
Chloromethane	µg/L	NS	160	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U
Dibromochloromethane	µg/L	NS	0.13	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189	LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245
Sample ID		MCL	Region 9 PRG	FWGLL12mw-184C-0640-GW	FWGLL12mw-185C-0641-GW	FWGLL12mw-187C-0642-GW	FWGLL12mw-188C-0643-GW	FWGLL12mw-189C-0644-GW	FWGLL12mw-242C-0645-GW	FWGLL12mw-243C-0646-GW	FWGLL12mw-244C-0647-GW	FWGLL12mw-245C-0648-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	**0.68 J**	**0.7 J**	10 U	**0.57 J**	**0.84 J**	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	**1.1 J**
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U
Bromomethane	µg/L	NS	8.7	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	**0.89 J**	**0.9 J**	**0.88 J**	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	**0.49 J**	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	**1.4 J**	**0.9 J**	**0.88 J**	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 U	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				LL12mw-246	B12mw-010	B12mw-011	B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001
Sample ID		MCL	Region 9 PRG	FWGLL12mw-246C-0649-GW	FWGB12mw-010C-0783-GW	FWGB12mw-011C-0784-GW	FWGB12mw-012C-0785-GW	FWGCBLmw-001C-0650-GW	FWGCBLmw-002C-0651-GW	FWGCBLmw-003C-0652-GW	FWGCBLmw-004C-0653-GW	FWGCBPmw-001C-0654-GW
Date Collected				4/9/2008	4/10/2008	4/9/2008	4/9&10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	**0.86 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 UJ	10 U	10 UJ	**1.2 J**	10 U	10 U	**1.2 J**	**1.5 J**	10 UJ
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ
Bromomethane	µg/L	NS	8.7	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U
Chloroform	µg/L	NS	0.17	1 U	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 U	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	**0.87 J**	2 U	2 U	2 U	2 U	2 U	**0.88 J**
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	**0.49 J**	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	**1.4 J**	2 U	2 U	2 U	2 U	2 U	**0.88 J**
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				CBPmw-002	CBPmw-003	CBPmw-004	CBPmw-006	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-002C-0655-GW	FWGCBPmw-003C-0656-GW	FWGCBPmw-004C-0657-GW	FWGCBPmw-006C-0658-GW	FWGCBPmw-008C-0659-GW	FWGCPmw-001C-0660-GW	FWGCPmw-002C-0661-GW	FWGCPmw-003C-0662-GW	FWGCPmw-004C-0663-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**0.58 J**	**0.63 J**
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	10 U	10 UJ	10 U	**1.7 J**	10 UJ	10 UJ	10 UJ	10 U
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Bromomethane	µg/L	NS	8.7	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	**0.42 J**	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				CPmw-005	CPmw-006	DET-003	DET-004	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109
Sample ID		MCL	Region 9 PRG	FWGCPmw-005C-0664-GW	FWGCPmw-006C-0665-GW	FWGDETmw-003C-0666-GW	FWGDETmw-004C-0667-GW	FWGDA2mw-104C-0668-GW	FWGDA2mw-105C-0669-GW	FWGDA2mw-106C-0670-GW	FWGDA2mw-108C-0671-GW	FWGDA2mw-109C-0672-GW
Date Collected				4/9/2008	4/9/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	**0.68 J**	10 UJ	10 UJ	**0.57 J**	**0.8 J**	**0.71 J**	**0.7 J**	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	**1.2 J**	**4.7 J**	**3.3 JB**	**1.2 JB**	10 U	**2.6 JB**	**1.7 JB**	10 U	10 U
Benzene	µg/L	5	0.35	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Bromomethane	µg/L	NS	8.7	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Chloroform	µg/L	NS	0.17	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 UJ
Chloromethane	µg/L	NS	160	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	EBGmw-123	EBGmw-124	EBGmw-125	EBGmw-126	EBGmw-127
Sample ID		MCL	Region 9 PRG	FWGDA2mw-110C-0673-GW	FWGDA2mw-111C-0674-GW	FWGDA2mw-112C-0675-GW	FWGDA2mw-113C-0676-GW	FWGEBGmw-123C-0677-GW	FWGEBGmw-124C-0678-GW	FWGEBGmw-125C-0679-GW	FWGEBGmw-126C-0680-GW	FWGEBGmw-127C-0681-GW
Date Collected				4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/16/2008	4/16/2008	4/16/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	**0.63 J**	**0.69 J**	**0.87 J**	**0.87 J**	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	10 U	**2 JB**	**2.8 JB**	10 U	10 UJ	10 UJ	10 U	10 U
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Bromoform	µg/L	NS	8.5	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Bromomethane	µg/L	NS	8.7	1 UJ	1 U	1 UJ	1 UJ	1 U	1 R	1 R	1 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 UJ	1 U	1 UJ	1 UJ	1 U	1 R	1 R	1 U	1 U
Chloroform	µg/L	NS	0.17	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Chloromethane	µg/L	NS	160	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 U	1 U	1 UJ	1 U	1 U	1 UJ	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				EBGmw-128	EBGmw-129	EBGmw-130	FBQmw-166	FBQmw-167	FBQmw-168	FBQmw-169	FBQmw-170	FBQmw-171
Sample ID		MCL	Region 9 PRG	FWGEBGmw-128C-0682-GW	FWGEBGmw-129C-0683-GW	FWGEBGmw-130C-0684-GW	FWGFBQmw-166C-0685-GW	FWGFBQmw-167C-0686-GW	FWGFBQmw-168C-0687-GW	FWGFBQmw-169C-0688-GW	FWGFBQmw-170C-0689-GW	FWGFBQmw-171C-0690-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	**10**	**0.59 J**	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 UJ	10 U	10 U	**3.1 JB**	10 U	**1.8 JB**	10 UJ	**4.3 JB**	**3.8 JB**
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U
Bromomethane	µg/L	NS	8.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L	NS	0.17	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				FBQmw-172	FBQmw-173	FBQmw-174	FBQmw-175	FBQmw-176	FBQmw-177	LNWmw-024	LNWmw-025	LNWmw-026
Sample ID		MCL	Region 9 PRG	FWGFBQmw-172C-0691-GW	FWGFBQmw-173C-0692-GW	FWGFBQmw-174C-0693-GW	FWGFBQmw-175C-0694-GW	FWGFBQmw-176C-0695-GW	FWGFBQmw-177C-0696-GW	FWGLNWmw-024C-0697-GW	FWGLNWmw-025C-0698-GW	FWGLNWmw-026C-0699-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 UJ	10 U	**2.6 JB**	10 U	**3.1 JB**	10 U	10 UJ	10 UJ	10 UJ
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	µg/L	NS	8.7	1 U	1 U	1 U	1 U	1 U	1 U	1 R	1 R	1 R
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 U	1 U	1 U	1 U	1 U	1 U	1 R	1 R	1 R
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Dibromochloromethane	µg/L	NS	0.13	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				LNWmw-027	MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005	MBSmw-006	NTAmw-107	NTAmw-108
Sample ID		MCL	Region 9 PRG	FWGLNWmw-027C-0700-GW	FWGMBSmw-001C-0732-GW	FWGMBSmw-002C-0733-GW	FWGMBSmw-003C-0734-GW	FWGMBSmw-004C-0735-GW	FWGMBSmw-005C-0736-GW	FWGMBSmw-006C-0737-GW	FWGNTAmw-107C-0701-GW	FWGNTAmw-108C-0702-GW
Date Collected				4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	**10**	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 UJ	**2.5 JB**	10 U	10 UJ
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Bromomethane	µg/L	NS	8.7	1 R	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 R	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 UJ	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				NTAmw-109	NTAmw-110	NTAmw-111	NTAmw-112	NTAmw-113	NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117
Sample ID		MCL	Region 9 PRG	FWGNTAmw-109C-0703-GW	FWGNTAmw-110C-0704-GW	FWGNTAmw-111C-0705-GW	FWGNTAmw-112C-0706-GW	FWGNTAmw-113C-0707-GW	FWGNTAmw-114C-0708-GW	FWGNTAmw-115C-0709-GW	FWGNTAmw-116C-0710-GW	FWGNTAmw-117C-0711-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 UJ	10 UJ	10 UJ	**2.1 JB**	10 U	10 U	10 UJ	10 UJ	10 UJ
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Bromomethane	µg/L	NS	8.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				NTAmw-118	RQLmw-007	RQLmw-008	RQLmw-009	RQLmw-012	RQLmw-013	RQLmw-014	RQLmw-015
Sample ID		MCL	Region 9 PRG	FWGNTAmw-118C-0712-GW	FWGRQLmw-007C-0713-GW	FWGRQLmw-008C-0714-GW	FWGRQLmw-009C-0715-GW	FWGRQLmw-012C-0716-GW	FWGRQLmw-013C-0717-GW	FWGRQLmw-014C-0718-GW	FWGRQLmw-015C-0719-GW
Date Collected				4/15/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	**0.67 J**	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	**0.72 J**	10 U	**0.97 J**	10 U	**0.63 J**	10 U	**0.59 J**
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	10 U	10 U	**6.3 J**	10 U	10 U	10 U	**1.3 J**
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Bromomethane	µg/L	NS	8.7	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Carbon disulfide	µg/L	NS	1000	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U
Chloroform	µg/L	NS	0.17	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	**0.67 J**	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011	WBGmw-012	WBGmw-013
Sample ID		MCL	Region 9 PRG	FWGRQLmw-016C-0720-GW	FWGRQLmw-017C-0721-GW	FWGWBGmw-005C-0722-GW	FWGWBGmw-008C-0723-GW	FWGWBGmw-010C-0724-GW	FWGWBGmw-011C-0725-GW	FWGWBGmw-012C-0726-GW	FWGWBGmw-013C-0727-GW
Date Collected				4/10/2008	4/10/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	**0.77 J**	**0.75 J**	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 UJ	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Bromomethane	µg/L	NS	8.7	1 UJ	1 U	1 U	1 U	1 R	1 R	1 R	1 R
Carbon disulfide	µg/L	NS	1000	**0.84 J**	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 UJ	1 U	1 U	1 U	1 R	1 R	1 R	1 R
Chloroform	µg/L	NS	0.17	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Dibromochloromethane	µg/L	NS	0.13	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ	2 UJ
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.19 J**
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical results

Station ID				WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-014C-0728-GW	FWGWBGmw-015C-0729-GW	FWGWBGmw-016C-0730-GW	FWGWBGmw-017C-0731-GW
Date Collected				4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab
Analyte	Units						
1,1,1-Trichloroethane	µg/L	NS	3200	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	µg/L	NS	0.2	1 U	1 U	1 U	1 U
1,1-Dichloroethane	µg/L	7	NS	1 U	1 U	1 U	1 U
1,1-Dichloroethene (total)	µg/L	NS	810	1 U	1 U	1 U	1 U
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	1 U	1 U	1 U	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	1 U	1 U	1 U	1 U
2-Butanone	µg/L	NS	7000	10 U	10 U	10 U	10 U
2-Hexanone	µg/L	NS	NS	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	10 UJ	10 UJ	10 UJ	10 U
Benzene	µg/L	5	0.35	1 U	1 U	1 U	1 U
Bromochloromethane	µg/L	NS	NS	1 U	1 U	1 U	1 U
Bromodichloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 UJ
Bromoform	µg/L	NS	8.5	1 U	1 U	1 U	1 UJ
Bromomethane	µg/L	NS	8.7	1 R	1 R	1 R	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 UJ
Carbon tetrachloride	µg/L	5	0.17	1 U	1 U	1 U	1 U
Chlorobenzene	µg/L	NS	110	1 U	1 U	1 U	1 U
Chloroethane	µg/L	NS	4.6	1 R	1 R	1 R	1 U
Chloroform	µg/L	NS	0.17	1 U	1 U	1 U	1 UJ
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U
cis-1,2-dichloroethene	µg/L	70	61	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 UJ
Dibromochloromethane	µg/L	NS	0.13	1 U	1 U	1 U	1 UJ
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 U
Methylene chloride	µg/L	NS	1300	2 UJ	2 UJ	2 UJ	2 U
o-xylene	µg/L	NS	NS	1 U	1 U	1 U	1 U
Styrene	µg/L	100	1600	1 U	1 U	1 U	1 U
Tetrachloroethene	µg/L	5	0.1	1 U	1 U	1 U	1 U
Toluene	µg/L	1000	720	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	2 U	2 U
trans-1,2-dichloroethene	µg/L	100	120	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 U	1 U	1 UJ
Trichloroethene	µg/L	5	0.028	1 U	1 U	1 U	1 U
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP April 2008 VOCs Analytical Results

Data Qualifiers

Data qualifier flags are used in an effort to describe the quality of each piece of data for each constituent. These flags are letter codes appended to the numerical data. The following data qualifiers are specified in the USACE Louisville Chemistry Guidelines (LCG). For a complete explanation of qualifiers used for each constituent please refer to the Data Verification Summaries in Appendix B.

U- The analyte was analyzed for but not detected. The numerical value preceding the U is the associated reporting limit.

J- The identification of the analyte is acceptable, but the quality assurance criteria indicate that the quantitative values may be outside the normal expected range of precision (i.e., the quantitative value is estimated). Examples include:
- Results detected above the laboratory MDL but less than the laboratory reporting limit.
- MS/MSD percent recoveries outside the acceptance criteria.
- Laboratory control sample (LCS) percent recoveries outside acceptance criteria.

R- Data are considered to be rejected and shall not be used. This flag denotes the failure of quality control criteria such that it cannot be determined if the analyte is present or absent from the sample [e.g., the method reporting limit (MRL) verification standard was below quality control guidelines; associated sample results that were non-detect are unusable].

UJ- This flag is a combination of the U and J qualifiers which indicate that the analyte is not present. The reported value is considered to be an estimated reporting limit (RL).

B- The B flag is used for both organic and inorganic analyses when the analyte is found in the method blank or any of the field blanks. This designation overrides the Contract Laboratory Program (CLP) "B" designation when used by the laboratory as an estimated value for inorganics.

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL1mw-063	LL1mw-064	LL1mw-065	LL1mw-079	LL2mw-060	LL2mw-261	LL2mw-264
Sample ID		MCL	Region 9 PRG	FWGLL1mw-063C-0613-GW	FWGLL1mw-064C-0614-GW	FWGLL1mw-065C-0615-GW	FWGLL1mw-079C-0616-GW	FWGLL2mw-060C-0617-GW	FWGLL2mw-261C-0618-GW	FWGLL2mw-264C-0619-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL1mw-063	LL1mw-064	LL1mw-065	LL1mw-079	LL2mw-060	LL2mw-261	LL2mw-264
Sample ID		MCL	Region 9 PRG	FWGLL1mw-063C-0613-GW	FWGLL1mw-064C-0614-GW	FWGLL1mw-065C-0615-GW	FWGLL1mw-079C-0616-GW	FWGLL2mw-060C-0617-GW	FWGLL2mw-261C-0618-GW	FWGLL2mw-264C-0619-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	**0.92 J**	**21**	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL2mw-265	LL2mw-268	LL2mw-270	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235
Sample ID		MCL	Region 9 PRG	FWGLL2mw-265C-0620-GW	FWGLL2mw-268C-0621-GW	FWGLL2mw-270C-0622-GW	FWGLL3mw-232C-0623-GW	FWGLL3mw-233C-0624-GW	FWGLL3mw-234C-0625-GW	FWGLL3mw-235C-0626-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	5 UJ	5 UJ	5 U	5 U	5 U	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL2mw-265	LL2mw-268	LL2mw-270	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235
Sample ID		MCL	Region 9 PRG	FWGLL2mw-265C-0620-GW	FWGLL2mw-268C-0621-GW	FWGLL2mw-270C-0622-GW	FWGLL3mw-232C-0623-GW	FWGLL3mw-233C-0624-GW	FWGLL3mw-234C-0625-GW	FWGLL3mw-235C-0626-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**0.92 J**	10 U	10 U	**1.5 J**	10 U	**0.89 J**	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 UJ	10 UJ	10 UJ	10 R	10 R	10 R	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	**4.7 J**	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL3mw-237	LL3mw-240	LL3mw-241	LL3mw-243	LL4mw-193	LL4mw-194	LL4mw-195
Sample ID		MCL	Region 9 PRG	FWGLL3mw-237C-0627-GW	FWGLL3mw-240C-0628-GW	FWGLL3mw-241C-0629-GW	FWGLL3mw-243C-0630-GW	FWGLL4mw-193C-0631-GW	FWGLL4mw-194C-0632-GW	FWGLL4mw-195C-0633-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	5 U	5 UJ	5 U	5 U	5 UJ	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 UJ	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL3mw-237	LL3mw-240	LL3mw-241	LL3mw-243	LL4mw-193	LL4mw-194	LL4mw-195
Sample ID		MCL	Region 9 PRG	FWGLL3mw-237C-0627-GW	FWGLL3mw-240C-0628-GW	FWGLL3mw-241C-0629-GW	FWGLL3mw-243C-0630-GW	FWGLL4mw-193C-0631-GW	FWGLL4mw-194C-0632-GW	FWGLL4mw-195C-0633-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**3.3 J**	**3.7 J**	**1.2 J**	**1 J**	10 U	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 R	10 R	10 U	10 R	10 R	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 UJ	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL4mw-200	LL5mw-001	LL5mw-002	LL5mw-003	LL5mw-004	LL5mw-005	LL5mw-006
Sample ID		MCL	Region 9 PRG	FWGLL4mw-200C-0634-GW	FWGLL5mw-001C-0738-GW	FWGLL5mw-002C-0739-GW	FWGLL5mw-003C-0740-GW	FWGLL5mw-004C-0741-GW	FWGLL5mw-005C-0742-GW	FWGLL5mw-006C-0743-GW
Date Collected				4/7/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/11/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL4mw-200	LL5mw-001	LL5mw-002	LL5mw-003	LL5mw-004	LL5mw-005	LL5mw-006
Sample ID		MCL	Region 9 PRG	FWGLL4mw-200C-0634-GW	FWGLL5mw-001C-0738-GW	FWGLL5mw-002C-0739-GW	FWGLL5mw-003C-0740-GW	FWGLL5mw-004C-0741-GW	FWGLL5mw-005C-0742-GW	FWGLL5mw-006C-0743-GW
Date Collected				4/7/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/11/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**0.93 J**	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL6mw-001	LL6mw-002	LL6mw-003	LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128
Sample ID		MCL	Region 9 PRG	FWGLL6mw-001C-0744-GW	FWGLL6mw-002C-0781-GW	FWGLL6mw-003C-0782-GW	FWGLL12mw-088C-0635-GW	FWGLL12mw-107C-0636-GW	FWGLL12mw-113C-0637-GW	FWGLL12mw-128C-0638-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 UJ	5 UJ	5 U	5 U	5 UJ	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL6mw-001	LL6mw-002	LL6mw-003	LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128
Sample ID		MCL	Region 9 PRG	FWGLL6mw-001C-0744-GW	FWGLL6mw-002C-0781-GW	FWGLL6mw-003C-0782-GW	FWGLL12mw-088C-0635-GW	FWGLL12mw-107C-0636-GW	FWGLL12mw-113C-0637-GW	FWGLL12mw-128C-0638-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 UJ	1 U	1 U	1 U	1 U	1 UJ
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 UJ	10 U	10 U	10 U	10 U	**2.2 J**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 UJ	10 U	10 U	10 R	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189	LL12mw-242
Sample ID		MCL	Region 9 PRG	FWGLL12mw-154C-0639-GW	FWGLL12mw-184C-0640-GW	FWGLL12mw-185C-0641-GW	FWGLL12mw-187C-0642-GW	FWGLL12mw-188C-0643-GW	FWGLL12mw-189C-0644-GW	FWGLL12mw-242C-0645-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 U	5 UJ	5 U	5 U	5 U	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189	LL12mw-242
Sample ID		MCL	Region 9 PRG	FWGLL12mw-154C-0639-GW	FWGLL12mw-184C-0640-GW	FWGLL12mw-185C-0641-GW	FWGLL12mw-187C-0642-GW	FWGLL12mw-188C-0643-GW	FWGLL12mw-189C-0644-GW	FWGLL12mw-242C-0645-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	**2.5 J**	10 U	**2.2 J**	**0.94 J**	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 R	10 R	10 U	10 R	10 R	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010	B12mw-011	B12mw-012
Sample ID		MCL	Region 9 PRG	FWGLL12mw-243C-0646-GW	FWGLL12mw-244C-0647-GW	FWGLL12mw-245C-0648-GW	FWGLL12mw-246C-0649-GW	FWGB12mw-010C-0783-GW	FWGB12mw-011C-0784-GW	FWGB12mw-012C-0785-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/10/2008	4/9/2008	4/9&10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U	8 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U	8 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	5 UJ	5 UJ	5 UJ	5 R	5 UJ	8 R
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	8 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	8 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	8 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 UJ	5 U	8 UJ
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	3.2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	8 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	1	0.2 U	0.32 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010	B12mw-011	B12mw-012
Sample ID		MCL	Region 9 PRG	FWGLL12mw-243C-0646-GW	FWGLL12mw-244C-0647-GW	FWGLL12mw-245C-0648-GW	FWGLL12mw-246C-0649-GW	FWGB12mw-010C-0783-GW	FWGB12mw-011C-0784-GW	FWGB12mw-012C-0785-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/10/2008	4/9/2008	4/9&10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	16 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	8 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1.6 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	10 U	**1.2 J**	10 U	**2.1 J**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	16 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	**0.72**	0.2 U	0.32 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 U	8 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U	1.6 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.32 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002	CBPmw-003
Sample ID		MCL	Region 9 PRG	FWGCBLmw-001C-0650-GW	FWGCBLmw-002C-0651-GW	FWGCBLmw-003C-0652-GW	FWGCBLmw-004C-0653-GW	FWGCBPmw-001C-0654-GW	FWGCBPmw-002C-0655-GW	FWGCBPmw-003C-0656-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 R	5 R	5 UJ	5 UJ	5 R	5 R	5 R
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 UJ	5 UJ	5 U	5 U	5 UJ	5 UJ	5 UJ
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002	CBPmw-003
Sample ID		MCL	Region 9 PRG	FWGCBLmw-001C-0650-GW	FWGCBLmw-002C-0651-GW	FWGCBLmw-003C-0652-GW	FWGCBLmw-004C-0653-GW	FWGCBPmw-001C-0654-GW	FWGCBPmw-002C-0655-GW	FWGCBPmw-003C-0656-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	10 U	**1.6 J**	**1.6 J**	**1.1 J**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				CBPmw-004	CBPmw-006	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-004C-0657-GW	FWGCBPmw-006C-0658-GW	FWGCBPmw-008C-0659-GW	FWGCPmw-001C-0660-GW	FWGCPmw-002C-0661-GW	FWGCPmw-003C-0662-GW	FWGCPmw-004C-0663-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 R	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 UJ	5 UJ	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				CBPmw-004	CBPmw-006	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-004C-0657-GW	FWGCBPmw-006C-0658-GW	FWGCBPmw-008C-0659-GW	FWGCPmw-001C-0660-GW	FWGCPmw-002C-0661-GW	FWGCPmw-003C-0662-GW	FWGCPmw-004C-0663-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 UJ
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				CPmw-005	CPmw-006	DET-003	DET-004	DA2mw-104	DA2mw-105	DA2mw-106
Sample ID		MCL	Region 9 PRG	FWGCPmw-005C-0664-GW	FWGCPmw-006C-0665-GW	FWGDETmw-003C-0666-GW	FWGDETmw-004C-0667-GW	FWGDA2mw-104C-0668-GW	FWGDA2mw-105C-0669-GW	FWGDA2mw-106C-0670-GW
Date Collected				4/9/2008	4/9/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	6 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	6 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	6 UJ	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	6 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	6 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	6 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	6 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2.4 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	6 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				CPmw-005	CPmw-006	DET-003	DET-004	DA2mw-104	DA2mw-105	DA2mw-106
Sample ID		MCL	Region 9 PRG	FWGCPmw-005C-0664-GW	FWGCPmw-006C-0665-GW	FWGDETmw-003C-0666-GW	FWGDETmw-004C-0667-GW	FWGDA2mw-104C-0668-GW	FWGDA2mw-105C-0669-GW	FWGDA2mw-106C-0670-GW
Date Collected				4/9/2008	4/9/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	12 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	6 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 UJ	1.2 UJ	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	12 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	12 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	6 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1.2 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				DA2mw-108	DA2mw-109	DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	EBGmw-123
Sample ID		MCL	Region 9 PRG	FWGDA2mw-108C-0671-GW	FWGDA2mw-109C-0672-GW	FWGDA2mw-110C-0673-GW	FWGDA2mw-111C-0674-GW	FWGDA2mw-112C-0675-GW	FWGDA2mw-113C-0676-GW	FWGEBGmw-123C-0677-GW
Date Collected				4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 UJ	5 U	5 U	5 U	5 U	5 UJ
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 UJ	5 U	5 U	5 U	5 U	5 UJ
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 UJ	5 U	5 U	5 U	5 U	5 R
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
2-Chlorophenol	µg/L	NS	30	1 U	1 UJ	1 U	1 U	1 U	1 U	1 UJ
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
2-Methylphenol	µg/L	NS	1800	1 U	1 UJ	1 U	1 U	1 U	1 U	1 UJ
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
2-Nitrophenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 UJ
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
4-Methylphenol	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 UJ
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ
4-Nitrophenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 UJ
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				DA2mw-108	DA2mw-109	DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	EBGmw-123
Sample ID		MCL	Region 9 PRG	FWGDA2mw-108C-0671-GW	FWGDA2mw-109C-0672-GW	FWGDA2mw-110C-0673-GW	FWGDA2mw-111C-0674-GW	FWGDA2mw-112C-0675-GW	FWGDA2mw-113C-0676-GW	FWGEBGmw-123C-0677-GW
Date Collected				4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U	5 UJ
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**2.5 J**	10 U	10 U	10 U	10 U	10 U	10 UJ
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Pentachlorophenol	µg/L	1	0.56	5 U	5 UJ	5 U	5 U	5 U	5 U	5 UJ
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ
Phenol	µg/L	NS	11000	1 U	1 UJ	1 U	1 U	1 U	1 U	1 UJ
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				EBGmw-124	EBGmw-125	EBGmw-126	EBGmw-127	EBGmw-128	EBGmw-129	EBGmw-130
Sample ID		MCL	Region 9 PRG	FWGEBGmw-124C-0678-GW	FWGEBGmw-125C-0679-GW	FWGEBGmw-126C-0680-GW	FWGEBGmw-127C-0681-GW	FWGEBGmw-128C-0682-GW	FWGEBGmw-129C-0683-GW	FWGEBGmw-130C-0684-GW
Date Collected				4/16/2008	4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 UJ	5 UJ	5 U	5 UJ	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 UJ	5 UJ	5 U	5 UJ	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	5 R	5 U	5 UJ	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 UJ	1 UJ	1 U	1 UJ	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 UJ	1 UJ	1 U	1 UJ	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 UJ	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 UJ	5 UJ	5 U	5 UJ	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 UJ	1 UJ	1 U	1 UJ	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 UJ	5 UJ	5 U	5 UJ	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				EBGmw-124	EBGmw-125	EBGmw-126	EBGmw-127	EBGmw-128	EBGmw-129	EBGmw-130
Sample ID		MCL	Region 9 PRG	FWGEBGmw-124C-0678-GW	FWGEBGmw-125C-0679-GW	FWGEBGmw-126C-0680-GW	FWGEBGmw-127C-0681-GW	FWGEBGmw-128C-0682-GW	FWGEBGmw-129C-0683-GW	FWGEBGmw-130C-0684-GW
Date Collected				4/16/2008	4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 UJ	5 UJ	5 U	5 UJ	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 UJ	**2.1 J**	10 U	**1.3 J**	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 UJ	5 UJ	5 U	5 UJ	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 UJ	1 UJ	1 U	1 UJ	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				FBQmw-166	FBQmw-167	FBQmw-168	FBQmw-169	FBQmw-170	FBQmw-171	FBQmw-172
Sample ID		MCL	Region 9 PRG	FWGFBQmw-166C-0685-GW	FWGFBQmw-167C-0686-GW	FWGFBQmw-168C-0687-GW	FWGFBQmw-169C-0688-GW	FWGFBQmw-170C-0689-GW	FWGFBQmw-171C-0690-GW	FWGFBQmw-172C-0691-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 UJ
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 UJ
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 UJ
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 UJ
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 UJ
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 UJ
2-Nitroaniline	µg/L	NS	110	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 UJ
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 UJ
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 UJ
4-Chloroaniline	µg/L	NS	150	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 UJ
4-Nitroanaline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 UJ
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				FBQmw-166	FBQmw-167	FBQmw-168	FBQmw-169	FBQmw-170	FBQmw-171	FBQmw-172
Sample ID		MCL	Region 9 PRG	FWGFBQmw-166C-0685-GW	FWGFBQmw-167C-0686-GW	FWGFBQmw-168C-0687-GW	FWGFBQmw-169C-0688-GW	FWGFBQmw-170C-0689-GW	FWGFBQmw-171C-0690-GW	FWGFBQmw-172C-0691-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 UJ
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	**2.5 J**	10 U	**2.9 J**	**0.97 J**	**4.1 J**	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Carbazole	µg/L	NS	3.4	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 UJ	10 U	10 UJ	10 U	10 UJ	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Isophorone	µg/L	NS	71	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 UJ	5 U	5 UJ	5 U	5 UJ	5 UJ
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U
Phenol	µg/L	NS	11000	1 U	1 UJ	1 U	1 UJ	1 U	1 UJ	1 UJ
Pyrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U	0.2 UJ	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				FBQmw-173	FBQmw-174	FBQmw-175	FBQmw-176	FBQmw-177	LNWmw-024	LNWmw-025
Sample ID		MCL	Region 9 PRG	FWGFBQmw-173C-0692-GW	FWGFBQmw-174C-0693-GW	FWGFBQmw-175C-0694-GW	FWGFBQmw-176C-0695-GW	FWGFBQmw-177C-0696-GW	FWGLNWmw-024C-0697-GW	FWGLNWmw-025C-0698-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				FBQmw-173	FBQmw-174	FBQmw-175	FBQmw-176	FBQmw-177	LNWmw-024	LNWmw-025
Sample ID		MCL	Region 9 PRG	FWGFBQmw-173C-0692-GW	FWGFBQmw-174C-0693-GW	FWGFBQmw-175C-0694-GW	FWGFBQmw-176C-0695-GW	FWGFBQmw-177C-0696-GW	FWGLNWmw-024C-0697-GW	FWGLNWmw-025C-0698-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**0.94 J**	10 U	10 U	10 U	10 U	10 U	**1.8 J**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LNWmw-026	LNWmw-027	MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005
Sample ID		MCL	Region 9 PRG	FWGLNWmw-026C-0699-GW	FWGLNWmw-027C-0700-GW	FWGMBSmw-001C-0732-GW	FWGMBSmw-002C-0733-GW	FWGMBSmw-003C-0734-GW	FWGMBSmw-004C-0735-GW	FWGMBSmw-005C-0736-GW
Date Collected				4/16/2008	4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				LNWmw-026	LNWmw-027	MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005
Sample ID		MCL	Region 9 PRG	FWGLNWmw-026C-0699-GW	FWGLNWmw-027C-0700-GW	FWGMBSmw-001C-0732-GW	FWGMBSmw-002C-0733-GW	FWGMBSmw-003C-0734-GW	FWGMBSmw-004C-0735-GW	FWGMBSmw-005C-0736-GW
Date Collected				4/16/2008	4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**1.3 J**	10 U	10 U	**1.4 J**	**1.7 J**	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				MBSmw-006	NTAmw-107	NTAmw-108	NTAmw-109	NTAmw-110	NTAmw-111
Sample ID		MCL	Region 9 PRG	FWGMBSmw-006C-0737-GW	FWGNTAmw-107C-0701-GW	FWGNTAmw-108C-0702-GW	FWGNTAmw-109C-0703-GW	FWGNTAmw-110C-0704-GW	FWGNTAmw-111C-0705-GW
Date Collected				4/15/2008	4/14/2008	4/14/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				MBSmw-006	NTAmw-107	NTAmw-108	NTAmw-109	NTAmw-110	NTAmw-111
Sample ID		MCL	Region 9 PRG	FWGMBSmw-006C-0737-GW	FWGNTAmw-107C-0701-GW	FWGNTAmw-108C-0702-GW	FWGNTAmw-109C-0703-GW	FWGNTAmw-110C-0704-GW	FWGNTAmw-111C-0705-GW
Date Collected				4/15/2008	4/14/2008	4/14/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**1.4 J**	**2.6 J**	**3 J**	**1.5 J**	10 U	**1.3 J**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				NTAmw-112	NTAmw-113	NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117
Sample ID		MCL	Region 9 PRG	FWGNTAmw-112C-0706-GW	FWGNTAmw-113C-0707-GW	FWGNTAmw-114C-0708-GW	FWGNTAmw-115C-0709-GW	FWGNTAmw-116C-0710-GW	FWGNTAmw-117C-0711-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				NTAmw-112	NTAmw-113	NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117
Sample ID		MCL	Region 9 PRG	FWGNTAmw-112C-0706-GW	FWGNTAmw-113C-0707-GW	FWGNTAmw-114C-0708-GW	FWGNTAmw-115C-0709-GW	FWGNTAmw-116C-0710-GW	FWGNTAmw-117C-0711-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	**1.1 J**	10 U	**1.3 J**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 UJ	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 UJ	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				NTAmw-118	RQLmw-007	RQLmw-008	RQLmw-009	RQLmw-012	RQLmw-013	RQLmw-014
Sample ID		MCL	Region 9 PRG	FWGNTAmw-118C-0712-GW	FWGRQLmw-007C-0713-GW	FWGRQLmw-008C-0714-GW	FWGRQLmw-009C-0715-GW	FWGRQLmw-012C-0716-GW	FWGRQLmw-013C-0717-GW	FWGRQLmw-014C-0718-GW
Date Collected				4/15/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 UJ	5 UJ	5 R	5 UJ	5 UJ	5 R
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 UJ	5 U	5 UJ	5 UJ
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				NTAmw-118	RQLmw-007	RQLmw-008	RQLmw-009	RQLmw-012	RQLmw-013	RQLmw-014
Sample ID		MCL	Region 9 PRG	FWGNTAmw-118C-0712-GW	FWGRQLmw-007C-0713-GW	FWGRQLmw-008C-0714-GW	FWGRQLmw-009C-0715-GW	FWGRQLmw-012C-0716-GW	FWGRQLmw-013C-0717-GW	FWGRQLmw-014C-0718-GW
Date Collected				4/15/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 UJ	1 UJ	1 U	1 UJ	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	5 U	5 UJ	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				RQLmw-015	RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011
Sample ID		MCL	Region 9 PRG	FWGRQLmw-015C-0719-GW	FWGRQLmw-016C-0720-GW	FWGRQLmw-017C-0721-GW	FWGWBGmw-005C-0722-GW	FWGWBGmw-008C-0723-GW	FWGWBGmw-010C-0724-GW	FWGWBGmw-011C-0725-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 UJ	5 U	5 UJ	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 UJ	5 U	5 UJ	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 UJ	5 UJ	5 UJ	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 UJ	5 U	5 UJ	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 UJ	5 U	5 UJ	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 UJ	5 U	5 UJ	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				RQLmw-015	RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011
Sample ID		MCL	Region 9 PRG	FWGRQLmw-015C-0719-GW	FWGRQLmw-016C-0720-GW	FWGRQLmw-017C-0721-GW	FWGWBGmw-005C-0722-GW	FWGWBGmw-008C-0723-GW	FWGWBGmw-010C-0724-GW	FWGWBGmw-011C-0725-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	**1.8 J**	**1.2 J**	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 UJ	5 U	5 UJ	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				WBGmw-012	WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-012C-0726-GW	FWGWBGmw-013C-0727-GW	FWGWBGmw-014C-0728-GW	FWGWBGmw-015C-0729-GW	FWGWBGmw-016C-0730-GW	FWGWBGmw-017C-0731-GW
Date Collected				4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 UJ	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 UJ	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 UJ	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 UJ	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 UJ	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 UJ	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 UJ	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 R	5 U	5 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 UJ	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 UJ	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 UJ	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 UJ	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 UJ	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 UJ	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 UJ	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 UJ	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 UJ	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 UJ	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 R	10 R	10 R	10 R	10 R	10 R
Benzyl alcohol	µg/L	NS	NS	5 U	5 UJ	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Station ID				WBGmw-012	WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-012C-0726-GW	FWGWBGmw-013C-0727-GW	FWGWBGmw-014C-0728-GW	FWGWBGmw-015C-0729-GW	FWGWBGmw-016C-0730-GW	FWGWBGmw-017C-0731-GW
Date Collected				4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 UJ	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 UJ	10 U	10 U	10 U	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 UJ	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 UJ	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 UJ	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 UJ	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 UJ	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 UJ	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 UJ	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 UJ	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 UJ	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 UJ	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 UJ	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 UJ	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 UJ	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 UJ	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 UJ	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 UJ	0.2 U	0.2 U	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP April 2008 SVOCs Analytical Results

Data Qualifiers

Data qualifier flags are used in an effort to describe the quality of each piece of data for each constituent. These flags are letter codes appended to the numerical data. The following data qualifiers are specified in the USACE Louisville Chemistry Guidelines (LCG). For a complete explanation of qualifiers used for each constituent please refer to the Data Verification Summaries in Appendix B.

U- The analyte was analyzed for but not detected. The numerical value preceding the U is the associated reporting limit.

J- The identification of the analyte is acceptable, but the quality assurance criteria indicate that the quantitative values may be outside the normal expected range of precision (i.e., the quantitative value is estimated). Examples include:
- Results detected above the laboratory MDL but less than the laboratory reporting limit.
- MS/MSD percent recoveries outside the acceptance criteria.
- Laboratory control sample (LCS) percent recoveries outside acceptance criteria.

R- Data are considered to be rejected and shall not be used. This flag denotes the failure of quality control criteria such that it cannot be determined if the analyte is present or absent from the sample [e.g., the method reporting limit (MRL) verification standard was below quality control guidelines; associated sample results that were non-detect are unusable].

UJ- This flag is a combination of the U and J qualifiers which indicate that the analyte is not present. The reported value is considered to be an estimated reporting limit (RL).

B- The B flag is used for both organic and inorganic analyses when the analyte is found in the method blank or any of the field blanks. This designation overrides the Contract Laboratory Program (CLP) "B" designation when used by the laboratory as an estimated value for inorganics.

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				LL1mw-063	LL1mw-064	LL1mw-065	LL1mw-079	LL2mw-060	LL2mw-261	LL2mw-264	LL2mw-265	LL2mw-268
Sample ID		MCL	Region 9 PRG	FWGLL1mw-063C-0613-GW	FWGLL1mw-064C-0614-GW	FWGLL1mw-065C-0615-GW	FWGLL1mw-079C-0616-GW	FWGLL2mw-060C-0617-GW	FWGLL2mw-261C-0618-GW	FWGLL2mw-264C-0619-GW	FWGLL2mw-265C-0620-GW	FWGLL2mw-268C-0621-GW
Date Collected				4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	**0.016 J**	0.03 U	0.03 UJ	**0.018 J**	**0.011 J**	0.03 U	0.03 U	0.03 UJ	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ
Toxaphene	µg/L	3	0.061	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				LL2mw-270	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235	LL3mw-237	LL3mw-240	LL3mw-241	LL3mw-243
Sample ID		MCL	Region 9 PRG	FWGLL2mw-270C-0622-GW	FWGLL3mw-232C-0623-GW	FWGLL3mw-233C-0624-GW	FWGLL3mw-234C-0625-GW	FWGLL3mw-235C-0626-GW	FWGLL3mw-237C-0627-GW	FWGLL3mw-240C-0628-GW	FWGLL3mw-241C-0629-GW	FWGLL3mw-243C-0630-GW
Date Collected				4/7/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Aldrin	µg/L	NS	0.003	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	**0.029 J**	0.03 U	0.03 UJ	0.03 U	0.03 UJ	**0.034 J**	0.03 U	**0.038 J**	0.03 U
delta-BHC	µg/L	NS	NS	**0.023 J**	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Endrin	µg/L	2	11	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 U	0.03 UJ	0.06 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U
Methoxychlor	µg/L	40	180	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U
Toxaphene	µg/L	3	0.061	2 U	2 U	2 UJ	2 U	2 UJ	2 UJ	2 U	2 U	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				LL4mw-193	LL4mw-194	LL4mw-195	LL4mw-200	LL5mw-001	LL5mw-002	LL5mw-003	LL5mw-004	LL5mw-005
Sample ID		MCL	Region 9 PRG	FWGLL4mw-193C-0631-GW	FWGLL4mw-194C-0632-GW	FWGLL4mw-195C-0633-GW	FWGLL4mw-200C-0634-GW	FWGLL5mw-001C-0738-GW	FWGLL5mw-002C-0739-GW	FWGLL5mw-003C-0740-GW	FWGLL5mw-004C-0741-GW	FWGLL5mw-005C-0742-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/7/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	**0.021 J**	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
delta-BHC	µg/L	NS	NS	**0.016 J**	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 R
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 U	2 U	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				LL5mw-006	LL6mw-001	LL6mw-002	LL6mw-003	LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128	LL12mw-154
Sample ID		MCL	Region 9 PRG	FWGLL5mw-006C-0743-GW	FWGLL6mw-001C-0744-GW	FWGLL6mw-002C-0781-GW	FWGLL6mw-003C-0782-GW	FWGLL12mw-088C-0635-GW	FWGLL12mw-107C-0636-GW	FWGLL12mw-113C-0637-GW	FWGLL12mw-128C-0638-GW	FWGLL12mw-154C-0639-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008	4/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	**0.021 J**	0.03 UJ	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 R	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 R	0.03 UJ	0.03 R	0.03 R	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 R	0.1 R	0.1 R	0.1 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189	LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245
Sample ID		MCL	Region 9 PRG	FWGLL12mw-184C-0640-GW	FWGLL12mw-185C-0641-GW	FWGLL12mw-187C-0642-GW	FWGLL12mw-188C-0643-GW	FWGLL12mw-189C-0644-GW	FWGLL12mw-242C-0645-GW	FWGLL12mw-243C-0646-GW	FWGLL12mw-244C-0647-GW	FWGLL12mw-245C-0648-GW
Date Collected				4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 U	**0.013 J**	0.03 UJ	0.03 UJ	**0.011 J**	0.03 UJ	0.03 U
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	**0.011 J**	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Heptachlor epoxide	µg/L	0.2	0.0074	**0.0082 J**	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 R
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				LL12mw-246	B12mw-010	B12mw-011	B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001
Sample ID		MCL	Region 9 PRG	FWGLL12mw-246C-0649-GW	FWGB12mw-010C-0783-GW	FWGB12mw-011C-0784-GW	FWGB12mw-012C-0785-GW	FWGCBLmw-001C-0650-GW	FWGCBLmw-002C-0651-GW	FWGCBLmw-003C-0652-GW	FWGCBLmw-004C-0653-GW	FWGCBPmw-001C-0654-GW
Date Collected				4/9/2008	4/10/2008	4/9/2008	4/9&10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				CBPmw-002	CBPmw-003	CBPmw-004	CBPmw-006	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-002C-0655-GW	FWGCBPmw-003C-0656-GW	FWGCBPmw-004C-0657-GW	FWGCBPmw-006C-0658-GW	FWGCBPmw-008C-0659-GW	FWGCPmw-001C-0660-GW	FWGCPmw-002C-0661-GW	FWGCPmw-003C-0662-GW	FWGCPmw-004C-0663-GW
Date Collected				4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008	4/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	**0.016 J**	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	**0.012 J**	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 R	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 U	0.1 UJ	0.1 R	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 R
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				CPmw-005	CPmw-006	DET-003	DET-004	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109
Sample ID		MCL	Region 9 PRG	FWGCPmw-005C-0664-GW	FWGCPmw-006C-0665-GW	FWGDETmw-003C-0666-GW	FWGDETmw-004C-0667-GW	FWGDA2mw-104C-0668-GW	FWGDA2mw-105C-0669-GW	FWGDA2mw-106C-0670-GW	FWGDA2mw-108C-0671-GW	FWGDA2mw-109C-0672-GW
Date Collected				4/9/2008	4/9/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/11/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	**0.014 J**	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 R	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 R	0.03 R	0.03 UJ	0.03 R	0.03 UJ	0.03 R	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 U	0.1 UJ	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R
Toxaphene	µg/L	3	0.061	2 UJ	2 UJ	2 U	2 U	2 U	2 UJ	2 U	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 U	**0.57 J**	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	EBGmw-123	EBGmw-124	EBGmw-125	EBGmw-126	EBGmw-127
Sample ID		MCL	Region 9 PRG	FWGDA2mw-110C-0673-GW	FWGDA2mw-111C-0674-GW	FWGDA2mw-112C-0675-GW	FWGDA2mw-113C-0676-GW	FWGEBGmw-123C-0677-GW	FWGEBGmw-124C-0678-GW	FWGEBGmw-125C-0679-GW	FWGEBGmw-126C-0680-GW	FWGEBGmw-127C-0681-GW
Date Collected				4/11/2008	4/11/2008	4/11/2008	4/11/2008	4/16/2008	4/16/2008	4/16/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 R	0.03 UJ	0.03 R	0.03 R	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 R	0.03 R	0.03 UJ	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				EBGmw-128	EBGmw-129	EBGmw-130	FBQmw-166	FBQmw-167	FBQmw-168	FBQmw-169	FBQmw-170	FBQmw-171
Sample ID		MCL	Region 9 PRG	FWGEBGmw-128C-0682-GW	FWGEBGmw-129C-0683-GW	FWGEBGmw-130C-0684-GW	FWGFBQmw-166C-0685-GW	FWGFBQmw-167C-0686-GW	FWGFBQmw-168C-0687-GW	FWGFBQmw-169C-0688-GW	FWGFBQmw-170C-0689-GW	FWGFBQmw-171C-0690-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 R	0.03 U	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 R	0.03 U	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 U	0.1 R	0.1 U	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				FBQmw-172	FBQmw-173	FBQmw-174	FBQmw-175	FBQmw-176	FBQmw-177	LNWmw-024	LNWmw-025	LNWmw-026
Sample ID		MCL	Region 9 PRG	FWGFBQmw-172C-0691-GW	FWGFBQmw-173C-0692-GW	FWGFBQmw-174C-0693-GW	FWGFBQmw-175C-0694-GW	FWGFBQmw-176C-0695-GW	FWGFBQmw-177C-0696-GW	FWGLNWmw-024C-0697-GW	FWGLNWmw-025C-0698-GW	FWGLNWmw-026C-0699-GW
Date Collected				4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/14/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Aldrin	µg/L	NS	0.003	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 R	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 U	**0.018 J**	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 U	**0.24 J**	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
delta-BHC	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Endrin	µg/L	2	11	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 R	0.03 R	0.03 U	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 R	0.03 R	0.03 U	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 U	0.6 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U
Methoxychlor	µg/L	40	180	0.1 R	0.1 R	0.1 U	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R
Toxaphene	µg/L	3	0.061	2 U	2 U	2 U	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1221	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1232	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1242	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1248	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1254	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1260	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				LNWmw-027	MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005	MBSmw-006	NTAmw-107	NTAmw-108
Sample ID		MCL	Region 9 PRG	FWGLNWmw-027C-0700-GW	FWGMBSmw-001C-0732-GW	FWGMBSmw-002C-0733-GW	FWGMBSmw-003C-0734-GW	FWGMBSmw-004C-0735-GW	FWGMBSmw-005C-0736-GW	FWGMBSmw-006C-0737-GW	FWGNTAmw-107C-0701-GW	FWGNTAmw-108C-0702-GW
Date Collected				4/16/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/14/2008	4/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 R	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 R	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 R	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 R	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 R	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 R	0.1 R
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 UJ	2 U	2 U	2 UJ	2 UJ	2 UJ	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				NTAmw-109	NTAmw-110	NTAmw-111	NTAmw-112	NTAmw-113	NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117
Sample ID		MCL	Region 9 PRG	FWGNTAmw-109C-0703-GW	FWGNTAmw-110C-0704-GW	FWGNTAmw-111C-0705-GW	FWGNTAmw-112C-0706-GW	FWGNTAmw-113C-0707-GW	FWGNTAmw-114C-0708-GW	FWGNTAmw-115C-0709-GW	FWGNTAmw-116C-0710-GW	FWGNTAmw-117C-0711-GW
Date Collected				4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008	4/15/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 UJ	0.03 U	0.03 R	0.03 R	0.03 R	0.03 U	0.03 U	0.03 U
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 R	0.03 R	0.03 R	0.03 U	0.03 U	0.03 U
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 U
Methoxychlor	µg/L	40	180	0.1 U	0.1 UJ	0.1 U	0.1 R	0.1 R	0.1 R	0.1 U	0.1 U	0.1 U
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				NTAmw-118	RQLmw-007	RQLmw-008	RQLmw-009	RQLmw-012	RQLmw-013	RQLmw-014
Sample ID		MCL	Region 9 PRG	FWGNTAmw-118C-0712-GW	FWGRQLmw-007C-0713-GW	FWGRQLmw-008C-0714-GW	FWGRQLmw-009C-0715-GW	FWGRQLmw-012C-0716-GW	FWGRQLmw-013C-0717-GW	FWGRQLmw-014C-0718-GW
Date Collected				4/15/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008	4/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 UJ	0.03 UJ	**0.01 J**	0.03 UJ	0.03 U	0.03 U
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin	µg/L	2	11	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 R	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin ketone	µg/L	NS	NS	0.03 R	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Methoxychlor	µg/L	40	180	0.1 R	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Toxaphene	µg/L	3	0.061	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 U	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				RQLmw-015	RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011
Sample ID		MCL	Region 9 PRG	FWGRQLmw-015C-0719-GW	FWGRQLmw-016C-0720-GW	FWGRQLmw-017C-0721-GW	FWGWBGmw-005C-0722-GW	FWGWBGmw-008C-0723-GW	FWGWBGmw-010C-0724-GW	FWGWBGmw-011C-0725-GW
Date Collected				4/10/2008	4/10/2008	4/10/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 U	0.06 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 U	0.06 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 U	0.06 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 R	0.03 U	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 UJ	**0.011 J**	0.03 UJ	0.03 U	0.03 UJ
delta-BHC	µg/L	NS	NS	**0.013 J**	0.03 U	**0.077 J**	**0.014 J**	0.03 UJ	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.06 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.05 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.05 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.06 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.06 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 U	0.06 UJ	0.03 R	0.03 R	0.03 R	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 R	0.03 U	0.06 R	0.03 R	0.03 R	0.03 R	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 R	0.1 U	0.2 R	0.1 R	0.1 R	0.1 R	0.1 R
Toxaphene	µg/L	3	0.061	2 UJ	2 U	4 UJ	2 UJ	2 UJ	2 U	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticides and PCBs Analytical Results

Station ID				WBGmw-012	WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-012C-0726-GW	FWGWBGmw-013C-0727-GW	FWGWBGmw-014C-0728-GW	FWGWBGmw-015C-0729-GW	FWGWBGmw-016C-0730-GW	FWGWBGmw-017C-0731-GW
Date Collected				4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008	4/16/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 R	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 R
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 U	**0.02 J**	0.03 UJ	0.03 U	0.03 U	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Endrin ketone	µg/L	NS	NS	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R	0.03 R
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R	0.1 R
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 UJ	2 U	2 U	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP April 2008 Pesticide and PCBs Analytical Results

Data Qualifiers

Data qualifier flags are used in an effort to describe the quality of each piece of data for each constituent. These flags are letter codes appended to the numerical data. The following data qualifiers are specified in the USACE Louisville Chemistry Guidelines (LCG). For a complete explanation of qualifiers used for each constituent please refer to the Data Verification Summaries in Appendix B.

U- The analyte was analyzed for but not detected. The numerical value preceding the U is the associated reporting limit.

J- The identification of the analyte is acceptable, but the quality assurance criteria indicate that the quantitative values may be outside the normal expected range of precision (i.e., the quantitative value is estimated). Examples include:
- Results detected above the laboratory MDL but less than the laboratory reporting limit.
- MS/MSD percent recoveries outside the acceptance criteria.
- Laboratory control sample (LCS) percent recoveries outside acceptance criteria.

R- Data are considered to be rejected and shall not be used. This flag denotes the failure of quality control criteria such that it cannot be determined if the analyte is present or absent from the sample [e.g., the method reporting limit (MRL) verification standard was below quality control guidelines; associated sample results that were non-detect are unusable].

UJ- This flag is a combination of the U and J qualifiers which indicate that the analyte is not present. The reported value is considered to be an estimated reporting limit (RL).

B- The B flag is used for both organic and inorganic analyses when the analyte is found in the method blank or any of the field blanks. This designation overrides the Contract Laboratory Program (CLP) "B" designation when used by the laboratory as an estimated value for inorganics.

3.3 Data Verification/Validation

As discussed in Sections 2.3 and 3.2, all chemical data were generated by TestAmerica and RTI (EQM does not however verify RTI data). A three step process is then conducted which involves the lab, the ADR data program, and a data validator performing the data verification and validation of the data. The First Step is where each lab analyzes the data and assigns a qualifier as necessary in full accordance with USEPA and Louisville Chemistry (LCG) guidelines.

The data verification and validation process is continued with Step Two; when the data validator verifies all data received from TestAmerica, and validates greater than 10% of the data by running the lab data through the ADR program. The USACE-supplied ADR program assigned qualifiers to the data as necessary consistent with the programmed criteria of the ADR software. The Third step is when the data validator then uses professional judgment to check the validity of the qualified data and either accepts, rejects, or re-qualifies the ADR results following strict LCG and USEPA guidelines.

After this three-step process has been completed, the resulting final ADR qualifiers may not match the original lab qualifiers which are presented on the laboratory data sheets. As a result of the data validation process, one or more of four possibilities listed occurs:

1. The lab assigns a B, J, or E to the data, and ADR and/or the data validator changes the qualifier to a J, UJ, U, B, or R.
2. The lab assigns no qualifier to the data, and ADR and/or the data validator assigns a J, UJ, U, B, or R to the data.
3. The lab assigns a B, J, or E to the data, and ADR and/or the data validator assigns no qualifier to the data.
4. The lab may assign a J qualifier or use no qualifier, and ADR and/or the data validator accepts the lab designation.

For the April 2008 Sampling Event Report, the laboratory data with laboratory derived qualifiers following USEPA and LGC criteria are presented in Appendix D. The verification reports for the data are also presented in Appendix D, which includes the definitions of the ADR qualifiers. The data presented in Tables 3-2, 3-3, 3-5, 3-6, and 3-7 are the result of the data that has been subjected to the Three Step Process of verification and validation. These Tables display the final assigned data qualifier in accordance with ADR and LCG criteria.

Data qualifier flags are used in an effort to describe the quality of each piece of data for each constituent. These flags are letter codes appended to the numerical data. The following data qualifiers are specified in the USACE Louisville Chemistry Guidelines (LCG). For a complete explanation of qualifiers used for each constituent please refer to the Data Verification Summaries in Appendix D.

- U - The analyte was analyzed for but not detected. The numerical value preceding the U is the associated reporting limit.

- J - The identification of the analyte is acceptable, but the quality assurance criteria indicate that the quantitative values may be outside the normal expected range of precision (i.e., the quantitative value is estimated). Examples include:
  - Results detected above the laboratory MDL but less than the laboratory reporting limit.
  - MS/MSD percent recoveries outside the acceptance criteria.
  - Laboratory control sample (LCS) percent recoveries outside acceptance criteria.

- R - Data are considered to be rejected and shall not be used. This flag denotes the failure of quality control criteria such that it cannot be determined if the analyte is present or absent from the sample [e.g., the method reporting limit (MRL) verification standard was below quality control guidelines; associated sample results that were non-detect are unusable].

- UJ - This flag is a combination of the U and J qualifiers which indicate that the analyte is not present. The reported value is considered to be an estimated reporting limit (RL).

- B - The B flag is used for both organic and inorganic analyses when the analyte is found in the method blank or any of the field blanks. This designation overrides the Contract Laboratory Program (CLP) "B" designation when used by the laboratory as an estimated value for inorganics.

One hundred and thirty-seven wells were sampled during an eight-day sampling event from April 7, 2008 through April 16, 2008. During this event, thirteen trip blanks were submitted for volatile analysis to TestAmerica.

Fourteen field duplicates were collected during the eight day period in order to assess the quality and consistency of sample collection. Project requirements of 10% field duplicates were met for this sampling event. In addition, fourteen laboratory splits were collected and analyzed in order to assess the quality and consistency of the laboratory analysis. The project requirements of taking 10% laboratory splits were met for this sampling event.

An equipment rinse blank was collected during each day of the sampling event.

For the April 2008 sampling event the following laboratory or field contamination at detections greater than ½ the method reporting limit (MRL) was reported for the field QA/QC samples (blank results that were greater than ½ the MRL resulted in qualification of the sample result):

Samples from 4/7 and 4/8/08
A8D080103-090101

- FWGEQUIPRinse1-0773-GW had chloroform detected at 1.8 ug/L (RL was 1.0 ppb, arsenic detected at 7.9 ug/L, RL of 5.0 ppb. Cobalt was detected at 3.2 ug/L

with a RL of 5.0 ppb. Chromium was detected at 3.1 ug/L with a RL of 5.0 ppb. Vanadium was detected at 3.0 ug/L with a RL of 10 ppb. There were no detected results in the samples for chloroform, so no qualifications were made based on the equipment rinse chloroform result. Samples FWGLL1mw-064c-0614-GF, FWGLL2mw-261c-0618-GF, and FWGLL2mw-268c-0621-GF had the arsenic results qualified "B". Sample FWGLL1mw-063c-0613-GF had the cobalt result qualified "B".

- Batch 8106032 (AG2 on 4/18) method blank had Diethyl phthalate detected at 0.84 ug/L (RL was 1.0ppb). There were no detected results for diethyl phthalate therefore no qualifications were made.

Samples from 4/8 and 4/9
A8D090104-100105

- FWGEQUIPRinse2-0774-GW had acetone detected at 23ug/L (RL was 10 ppb) and toluene detected at 0.75ug/L (RL was 1.0 ppb). Samples FWGLL12mw-154c-0639-GW and FWGLL4mw-193-0631-GW had the acetone results qualified "B". There were no detected results in the samples for toluene; therefore no qualifications were made based on the equipment rinse.
- FWGEQUIPRinse3-0775-GW had aluminum detected at 103ug/L, RL of 50 ppb. Samples FWGCBPmw-004c-0657-GF, FWGCBPmw-DUP11-0755-GF, and FWGCBPmw-002c-0655-GF had the aluminum results qualified "B".

Samples from 4/9 and 4/10
A8D100104-110114

- FWGEQUIPRinse3-0775-GW had aluminum at 103ug/L with a RL of 50 ppb. Samples FWGLL12mw-243c-0646-GF, FWGCPmw-006c-0665-GF, FWGCPmw-002c-0661-GF, FWGLL12mw-242c-0645-GF, FWGLL12mw-246c-0649-GF, FWGCPmw-001c-0660-GF, and FWGCPmw-003c-0662-GF had the aluminum result qualified "B".

Samples from 4/10
A8D110103

- FWGTeam3-Trip (4/9) had methylene chloride detected at 1.8 ug/L (RL of 2.0ug/L) and acetone at 36ug/L (RL of 10ug/L). As there were no detected concentrations of acetone or methylene chloride in the associated samples, no qualifications were made.
- FWGEQUIPRinse3-0775-GW had aluminum at 103ug/L with a RL of 50 ppb. Aluminum was qualified "B" in samples FWGCBPmw-006c-0658-GF and FWGCBPmw-008c-0659-GF

Samples from 4/11/08
A8D120101

- FWGEQUIPRinse5-0777-GW had acetone detected at 6.1ug/L (RL was 10 ppb). Detected acetone concentrations <61 ppb for samples collected 4/11/08 were flagged "B".

Samples from 4/14/08
A8D150101

- The method blank from batch 8114249 had chloroform at 0.69ug/L(MRL 1.0ug/L). No qualifications were made for chloroform as there were no detected concentrations in the samples.
- FWGEQUIPRinse6-0778-GW had acetone detected at 28ug/L (MRL 10 ppb). Detected acetone concentrations <10x contamination were flagged "B".

Samples from 4/15/08
A8D160101

- The method blank from batch 8114249 had chloroform at 0.69ug/L (MRL 1.0ug/L). No qualifications were made for chloroform, as there were no detected concentrations in the samples.
- FWGEQUIPRinse7-0779-GW had acetone detected at 28ug/L (MRL 10 ppb). Detected acetone concentrations <10x contamination were flagged "B".

Samples from 4/16/08
A8D170102

- FWGEQUIPRinse7-0779-GW had acetone detected at 28ug/L (RL was 10 ppb). There were no detected results for acetone therefore no qualifications were made.

For a discussion of method blank contamination please reference the Data Verification Reports and the Laboratory Case Narrative.

Laboratory analyses were performed in analytical batches of ≤ 20 in order to maximize efficiency and group quality control requirements. Method blanks and laboratory control samples were analyzed at a frequency of 1:20 (5%) samples, or in each analytical batch whichever was greater. Sufficient volume was provided to the laboratory in order to assess matrix spike analysis on project samples at a frequency of 1:10 (10%) samples. Matrix spike/matrix spike duplicate analysis was performed by the laboratory as batch quality control at a frequency of 1:10 (10%).

Field quality control and laboratory quality control results were evaluated as part of the verification assessment provided in Appendix D. Project requirements were met for the frequency and quality of these samples.

Table 3-8 presents the percent, by analytical method, of data that was acceptable (based on data not rejected) for use. Data was rejected during this sampling and analysis event for a variety of reasons including LCS failures, surrogate failures,(less than 10%), MRL check failures and CCV failures as described in Appendix D . Under the requirements of the LCG this data is deemed unusable. This does not, however, have any negative affect on the usability of other parameters analyzed under the same method. Rejected data do call into question the interpretation of that particular data for a given monitoring event and it is important to correct any problems to prevent a reoccurrence for future sampling events. All methods met the 90% completion requirement.

All qualified data has been discussed in the Data Verification Reports contained in Appendix D.

All other data meet the requirements specified in the USACE Louisville Guidance Document and the QAPP associated with this site. All qualified data performed by the data validator is further discussed in the Data Verification Reports contained in Appendix D.

Table 3.8 Percent of Acceptable Data

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness
353.2	18	0	100
353.2 Modified	159	4	97.5
6010B	2,385	0	100
6020	1,113	0	100
7470A	159	0	100
8081A	3,339	195	94.2
8082	1,113	0	100
8260B	7,761	38	99.5
8270C	10,494	189	98.2
8330	2,544	16	99.4
9012A	159	14	91.2
8330 Modified	159	0	100
TOTAL	**29,403**	**456**	**98.4**

SECTION 4

REFERENCES

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Environmental Quality Management, Inc. 2008g, *Facility- Wide Groundwater Monitoring Program, Report on the January 2008 Sampling Event, Ravenna Army Ammunition Plant, Ravenna, Ohio.*