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Ravenna, Ohio

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14. ABSTRACT

This document presents a summary of the facility-wide groundwater monitoring conducted in October 2008. Included in the report are:
• Summary of the groundwater elevations and water level measurements taken for each of the wells sampled.
• Analytical summary tables presenting the analytes detected above the method detection limit for this monitoring event.
• QA/QC and data verification reports for the event.

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FINAL
FACILITY-WIDE GROUNDWATER MONITORING PROGRAM

REPORT ON THE OCTOBER 2008 SAMPLING EVENT

RAVENNA ARMY AMMUNITION PLANT,
RAVENNA, OHIO

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

PREPARED FOR

U.S. Army Corps of Engineers
600 Martin Luther King Jr. Place
Louisville, Kentucky 40202

Prepared by

Environmental Quality Management, Inc.
1800 Carillon Boulevard
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June 15, 2009

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FWGWMP October 2008 Final Sampling Event Report
Distribution List

Organization	Number of Printed Copies	Number of Electronic Copies
RVAAP Facility Manager	2	2
USACE Project Manager	2	3
EQM	1	1
USAEC Program Manager	0	1
Ohio EPA	1	2
OHARNG - RTLS/ENV	0	1

Ohio EPA – Ohio EPA Twinsburg Office
OHARNG – RTLS/ENV – Ohio Army National Guard Ravenna Training and Logistics Site/Environmental
RVAAP – Ravenna Army Ammunition Plant
USACE – U.S. Army Corps of Engineers
USAEC – U.S. Army Environmental Center
EQM – Environmental Quality Management, Inc

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PLATES

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
RCRA	Resource Conservation and Recovery Act
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	Ramsdell 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

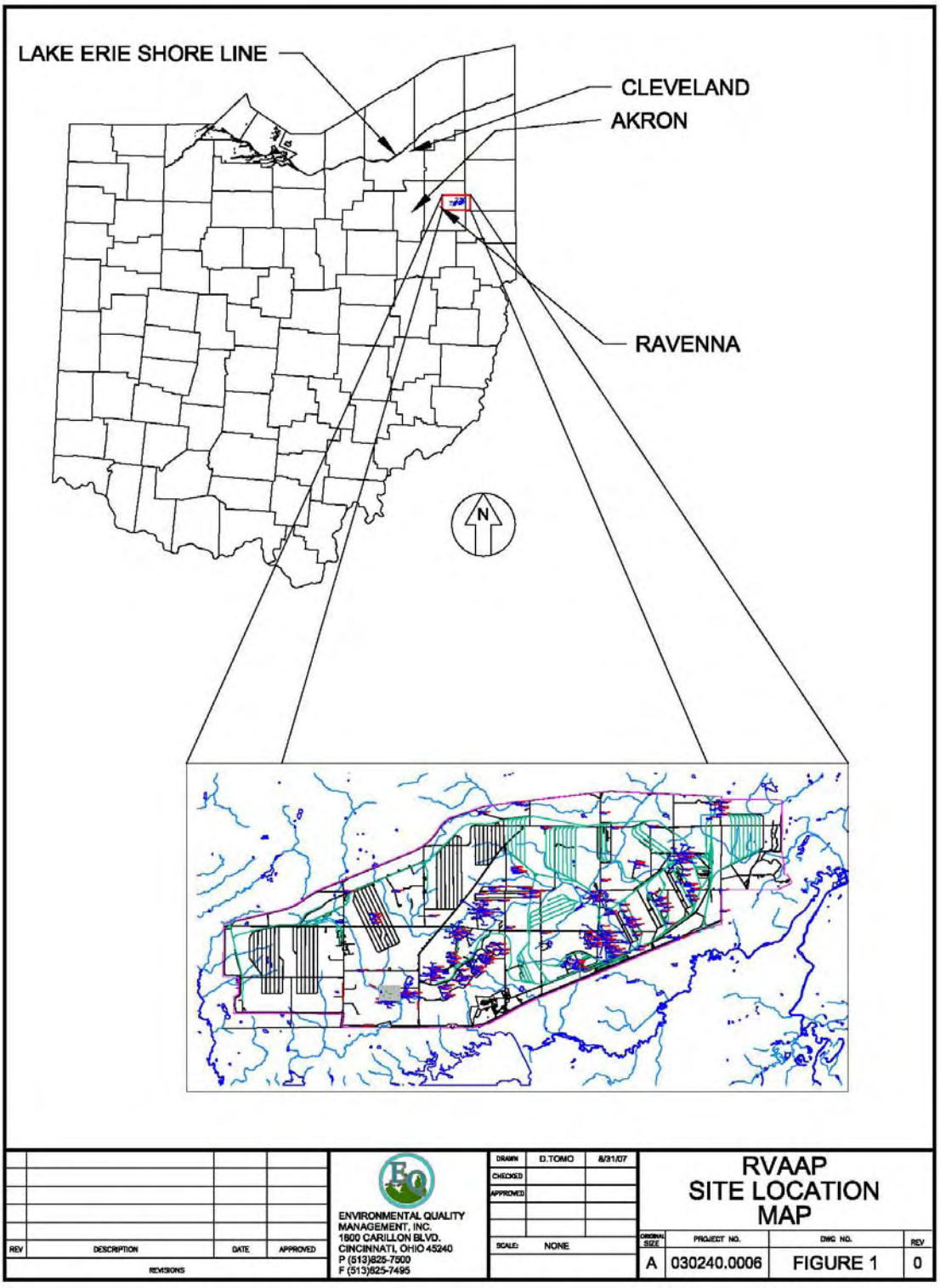

Fig. 1-1 General Location Map

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 5 Resource Conservation and Recovery Act (RCRA) wells that include Ramsdell Quarry Landfill (RQL) wells RQLmw-007, -008, and -009, and two Demolition (DA) Area 2 wells, DA2mw-DETmw-003 and DETmw-004. 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 United State Army Corps of Engineers (USACE) submitted to the Ohio Environmental Protection Agency (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 (and the July 2008, October 2008, and January 2009 events) 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 October 2008 event is presented in Appendix B.

1.3 Scope of Work for the October 2008 Sampling Event

Environmental Quality Management, Inc. (EQM) has been contracted (MARC Contract Number W912QR-04-D-0036) by the 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 October 2008 sampling event in accordance with specifications contained in the FWGWMPP, the FWSAP, and the Scope of Work written by the USACE:

- Performed groundwater sampling at the 137 wells identified in Appendix B (including the 5 RCRA wells).
- 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 October 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 – Summary of Results
- Section 5.0 – 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 October 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).
- Appendix G - Correspondence & Comment Response Table

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 October 6-8 and 13, 2008. 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.

The results of the groundwater level monitoring for the FWGWMP wells are presented in Section 3.1. The monitoring well location map, identified as Plate 1, is included with this report. Potentiometric maps created from groundwater measurements from all RVAAP monitoring wells in July 2008 are presented on Plates 2 and 3. The potentiometric maps were generated from the July 2008 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 again after the January 2009 water level measurement event.

2.2 Groundwater Sampling

All identified wells were sampled October 6 through 15, 2008. Wells were sampled using micropurge techniques in accordance with the specifications contained in the FWGWMPP and FWSAP. DETmw-004 (Detonation Area 2), Llmw-063, LL3mw-235, LL6mw-001, LL6mw-002, and RQLmw-017 were sampled using a bailer because of low water volume and slow recharge. DETmw-004 has historically been sampled using a bailer. Ll1mw-063, LL3mw-235, LL6mw-001, LL6mw-002, and RQLmw-017 had less than 1.5-feet of water in the casings and were 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 bladder pump micropurge equipment with the exception of DETmw-004, LL1mw-063, LL3mw-235, LL6mw-001, LL6mw-002, and RQLmw-017 which were sampled using a Teflon bailer. 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.

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
Perchlorates	Method 6860

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). Samples collected from the monitoring wells at Load Line 12 were also analyzed for nitrate-nitrite. As identified in Section 3, 62of the wells were analyzed for perchlorates. There is one (1) remaining well (NTAmw-115) that will be analyzed for perchlorates during the January 2009 event.

Quality control (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-128 – MS/MSD
LL12mw-245 – Duplicate sample	LL12mw-154 – MS/MSD
LL5mw-006 – Duplicate sample	LL5mw-005 – MS/MSD

CBPmw-004 – Duplicate sample	CBPmw-002 – MS/MSD
CPmw-006 – Duplicate sample	CPmw-005 – MS/MSD
DA2mw-110 – Duplicate sample	DA2mw-106 – MS/MSD
EBGmw-127 – Duplicate sample	EBGmw-130 - MS/MSD
FBQmw-176 – Duplicate sample	FBQmw-170 – MS/MSD
LNWmw-027 – Duplicate sample	LNWmw-025 – MS/MSD
NTAmw-110 – Duplicate sample	NTAmw-111 – MS/MSD
RQLmw-012 - Duplicate sample	RQLmw-013 – MS/MSD
WBGmw-010 – Duplicate sample	WBGmw-005 –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 D). 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 October 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, Angye Dragotta, and Eric Corbin 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 October 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	Perchlorate	Nitrate / Nitrite
LL1mw-064	FWGLL1mw-064C-0956-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam5-Trip				X	X	X	X	X		
LL1mw-065	FWGLL1mw-065C-0957-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam4-Trip				X	X	X	X	X		
LL1mw-079	FWGLL1mw-079C-0958-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam4-Trip				X	X	X	X	X		
LL2mw-060	FWGLL2mw-060C-0959-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam3-Trip				X	X	X	X	X		
LL2mw-261	FWGLL2mw-261C-0960-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam2-Trip	Yes			X	X	X	X	X		
LL2mw-264	FWGLL2mw-264C-0961-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam1-Trip				X	X	X	X	X		
LL2mw-265	FWGLL2mw-265C-0962-GW/GF	10/06/08	GW	DUP1-1093	EQUIPRinse1-1121	FWGTeam3-Trip		FWGLL2mw-265C-1107S-GW/GF	FWGTeam3-Trip-1	X	X	X	X	X		
LL2mw-268	FWGLL2mw-268C-0963-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam1-Trip				X	X	X	X	X		
LL2mw-270	FWGLL2mw-270C-0964-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam2-Trip				X	X	X	X	X		
LL3mw-232	FWGLL3mw-232C-0965-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam1-Trip	Yes			X	X	X	X	X		
LL3mw-233	FWGLL3mw-233C-0966-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam1-Trip				X	X	X	X	X		
LL3mw-234	FWGLL3mw-234C-0967-GW/GF	10/06/08	GW	DUP2-1094	EQUIPRinse1-1121	FWGTeam3-Trip		FWGLL3mw-234C-1108S-GW/GF	FWGTeam3-Trip-2	X	X	X	X	X		
LL4mw-195	FWGLL4mw-195C-0975-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam5-Trip				X	X	X	X	X		
LL4mw-200	FWGLL4mw-200C-0976-GW/GF	10/06/08	GW		EQUIPRinse1-1121	FWGTeam4-Trip				X	X	X	X	X		
LL12mw-088	FWGLL12mw-088C-0977-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam1-Trip				X	X	X	X	X		X
LL12mw-107	FWGLL12mw-107C-0978-GW/GF	10/07/08	GW	DUP3-1095	EQUIPRinse2-1122	FWGTeam1-Trip		FWGLL12mw-107C-1109S-GW/GF	Trip Blank 3	X	X	X	X	X		X
LL12mw-113	FWGLL12mw-113C-0979-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam1-Trip				X	X	X	X	X		X
LL12mw-128	FWGLL12mw-128C-0980-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam2-Trip	Yes			X	X	X	X	X		X
LL12mw-154	FWGLL12mw-154C-0981-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam5-Trip	Yes			X	X	X	X	X		X
LL12mw-184	FWGLL12mw-184C-0982-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam1-Trip				X	X	X	X	X		X
LL12mw-185	FWGLL12mw-185C-0983-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam2-Trip				X	X	X	X	X		X
LL12mw-187	FWGLL12mw-187C-0984-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam3-Trip				X	X	X	X	X		X
LL12mw-188	FWGLL12mw-188C-0985-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam4-Trip				X	X	X	X	X	X	X
LL12mw-242	FWGLL12mw-242C-0987-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam4-Trip				X	X	X	X	X		X
LL12mw-243	FWGLL12mw-243C-0988-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam2-Trip				X	X	X	X	X		X
LL12mw-244	FWGLL12mw-244C-0989-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam5-Trip				X	X	X	X	X		X
LL12mw-245	FWGLL12mw-245C-0990-GW/GF	10/07/08	GW	DUP4-1096	EQUIPRinse2-1122	FWGTeam3-Trip		FWGLL12mw-245C-1110S-GW/GF	Trip Blank 2	X	X	X	X	X		X
LL12mw-246	FWGLL12mw-246C-0991-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam4-Trip				X	X	X	X	X	X	X
LL3mw-237	FWGLL3mw-237C-0969-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam3-Trip				X	X	X	X	X		
LL3mw-240	FWGLL3mw-240C-0970-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam3-Trip				X	X	X	X	X		
LL3mw-241	FWGLL3mw-241C-0971-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam2-Trip				X	X	X	X	X		
LL3mw-243	FWGLL3mw-243C-0972-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam1-Trip				X	X	X	X	X		
LL4mw-193	FWGLL4mw-193C-0973-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam4-Trip				X	X	X	X	X		
LL4mw-194	FWGLL4mw-194C-0974-GW/GF	10/07/08	GW		EQUIPRinse2-1122	FWGTeam5-Trip				X	X	X	X	X		
B12mw-011	FWGB12mw-011C-1003-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam1-Trip				X	X	X	X	X	X	
B12mw-012*	FWGB12mw-012C-1004-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam1-Trip				X	X	X	X	X	X	
CBPmw-005	FWGCBPmw-005C-1092-GW/GF	10/08/08	GW		EQUIPRinse3-1123	NA									X	
FBQmw-166	FWGFBQmw-166C-1039-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam1-Trip				X	X	X	X	X		
FBQmw-167	FWGFBQmw-167C-1040-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam1-Trip				X	X	X	X	X		
FBQmw-168	FWGFBQmw-168C-1041-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam5-Trip				X	X	X	X	X		
FBQmw-169	FWGFBQmw-169C-1042-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam1-Trip				X	X	X	X	X		
FBQmw-170	FWGFBQmw-170C-1043-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam4-Trip	Yes			X	X	X	X	X		
FBQmw-171	FWGFBQmw-171C-1044-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam5-Trip				X	X	X	X	X		
FBQmw-172	FWGFBQmw-172C-1045-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam5-Trip				X	X	X	X	X		
FBQmw-173	FWGFBQmw-173C-1046-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam5-Trip				X	X	X	X	X		
FBQmw-174	FWGFBQmw-174C-1047-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam4-Trip				X	X	X	X	X		

Table 2-2 QA Table for October 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	Perchlorate	Nitrate / Nitrite
FBQmw-175	FWGFBQmw-175C-1048-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam4-Trip				X	X	X	X	X		
FBQmw-176	FWGFBQmw-176C-1049-GW/GF	10/08/08	GW	DUP7-1102	EQUIPRinse3-1123	FWGTeam1-Trip		FWGFBQmw-176C-1116S-GW/GF	TRIP BLANK2	X	X	X	X	X		
FBQmw-177	FWGFBQmw-177C-1050-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam5-Trip				X	X	X	X	X		
LL12mw-189	FWGLL12mw-189C-0986-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam3-Trip				X	X	X	X	X	X	X
LL1mw-063*	FWGLL1mw-063C-0955-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam2-Trip				X	X	X	X	X		
LL3mw-235*	FWGLL3mw-235C-0968-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam2-Trip				X	X	X	X	X		
LNWmw-024	FWGLNWmw-024C-1051-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam2-Trip				X	X	X	X	X	X	
LNWmw-025	FWGLNWmw-025C-1052-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam2-Trip	Yes			X	X	X	X	X	X	
LNWmw-026	FWGLNWmw-026C-1053-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam3-Trip				X	X	X	X	X	X	
LNWmw-027	FWGLNWmw-027C-1054-GW/GF	10/08/08	GW	DUP13-1103	EQUIPRinse3-1123	FWGTeam3-Trip		FWGLNWmw-027C-1117S-GW/GF	TRIP BLANK1	X	X	X	X	X	X	
WBGmw-012	FWGWBGmw-012C-1080-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam2-Trip				X	X	X	X	X	X	
WBGmw-013	FWGWBGmw-013C-1081-GW/GF	10/08/08	GW		EQUIPRinse3-1123	FWGTeam3-Trip				X	X	X	X	X	X	
B12mw-010	FWGB12mw-010C-1002-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam1-Trip				X	X	X	X	X	X	
CBLmw-002	FWGCBLmw-002-1006-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam1-Trip				X	X	X	X	X		
CBLmw-003	FWGCBLmw-003-1007-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam3-Trip				X	X	X	X	X		
CBLmw-004	FWGCBLmw-004-1008-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam3-Trip				X	X	X	X	X		
CBPmw-001	FWGCBPmw-001C-1009-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam4-Trip				X	X	X	X	X	X	
CBPmw-002	FWGCBPmw-002C-1010-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam4-Trip	Yes			X	X	X	X	X	X	
CBPmw-003	FWGCBPmw-003C-1011-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam4-Trip				X	X	X	X	X	X	
CBPmw-004	FWGCBPmw-004C-1012-GW/GF	10/09/08	GW	DUP11-1098	EQUIPRinse4-1124	FWGTeam5-Trip		FWGCBPmw-004C-1112S-GW/GF	TRIP BLANK	X	X	X	X	X	X	
CPmw-001	FWGCPmw-001C-1014-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam3-Trip				X	X	X	X	X	X	
CPmw-002	FWGCPmw-002C-1015-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam2-Trip				X	X	X	X	X	X	
CPmw-003	FWGCPmw-003C-1016-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam3-Trip				X	X	X	X	X	X	
CPmw-004	FWGCPmw-004C-1017-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam1-Trip				X	X	X	X	X	X	
CPmw-005	FWGCPmw-005C-1018-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam1-Trip	Yes			X	X	X	X	X	X	
CPmw-006	FWGCPmw-006C-1019-GW/GF	10/09/08	GW	DUP12-1099	EQUIPRinse4-1124	FWGTeam2-Trip		FWGCPmw-006C-1113S-GW/GF	TRIPBLANK	X	X	X	X	X	X	
RQLmw-007	FWGRQLmw-007C-1067-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam2-Trip				X	X	X	X	X		
RQLmw-008	FWGRQLmw-008C-1068-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam1-Trip				X	X	X	X	X		
RQLmw-009	FWGRQLmw-009C-1069-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam3-Trip				X	X	X	X	X		
RQLmw-012	FWGRQLmw-012C-1070-GW/GF	10/09/08	GW	DUP5-1105	EQUIPRinse4-1124	FWGTeam3-Trip		FWGRQLmw-012C-1119S-GW/GF	TRIPBLANK	X	X	X	X	X	X	
RQLmw-013	FWGRQLmw-013C-1071-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam5-Trip	Yes			X	X	X	X	X	X	
RQLmw-014	FWGRQLmw-014C-1072-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam5-Trip				X	X	X	X	X	X	
RQLmw-015	FWGRQLmw-015C-1073-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam5-Trip				X	X	X	X	X	X	
RQLmw-016	FWGRQLmw-016C-1074-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam2-Trip				X	X	X	X	X	X	
RQLmw-017*	FWGRQLmw-017C-1075-GW/GF	10/09/08	GW		EQUIPRinse4-1124	FWGTeam5-Trip				X	X	X	X	X	X	
CBLmw-001	FWGCBLmw-001-1005-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam3-Trip				X	X	X	X	X		
CBPmw-008	FWGCBPmw-008C-1013-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam5-Trip				X	X	X	X	X	X	
LL5mw-001	FWGLL5mw-001C-0992-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam4-Trip				X	X	X	X	X	X	
LL5mw-002	FWGLL5mw-002C-0993-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam4-Trip				X	X	X	X	X	X	
LL5mw-003	FWGLL5mw-003C-0994-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam5-Trip				X	X	X	X	X	X	
LL5mw-004	FWGLL5mw-004C-0995-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam4-Trip				X	X	X	X	X	X	
LL5mw-006	FWGLL5mw-006C-0997-GW/GF	10/10/08	GW	DUP14-1097	EQUIPRinse5-1025	FWGTeam1-Trip		FWGLL5mw-006C-1111S-GW/GF	Trip Blank 100808	X	X	X	X	X	X	
WBGmw-005	FWGWBGmw-005C-1076-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam2-Trip	Yes			X	X	X	X	X	X	
WBGmw-008	FWGWBGmw-008C-1077-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam2-Trip				X	X	X	X	X	X	
WBGmw-010	FWGWBGmw-010C-1078-GW/GF	10/10/08	GW	DUP9-1106	EQUIPRinse5-1025	FWGTeam1-Trip		FWGWBGmw-010C-1120S-GW/GF	Trip Blank 100808	X	X	X	X	X	X	
WBGmw-011	FWGWBGmw-011C-1079-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam1-Trip				X	X	X	X	X	X	

Table 2-2 QA Table for October 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	Perchlorate	Nitrate / Nitrite
WBGmw-014	FWGWBGmw-014C-1082-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam4-Trip				X	X	X	X	X	X	
WBGmw-015	FWGWBGmw-015C-1083-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam3-Trip				X	X	X	X	X	X	
WBGmw-016	FWGWBGmw-016C-1084-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam3-Trip				X	X	X	X	X	X	
WBGmw-017	FWGWBGmw-017C-1085-GW/GF	10/10/08	GW		EQUIPRinse5-1025	FWGTeam3-Trip				X	X	X	X	X	X	
DA2mw-104	FWGDA2mw-104C-1022-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam3-Trip				X	X	X	X	X	X	
DA2mw-105	FWGDA2mw-105C-1023-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam3-Trip				X	X	X	X	X	X	
DA2mw-106	FWGDA2mw-106C-1024-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam2-Trip	Yes			X	X	X	X	X		
DA2mw-108	FWGDA2mw-108C-1025-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam1-Trip				X	X	X	X	X		
DA2mw-109	FWGDA2mw-109C-1026-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam1-Trip				X	X	X	X	X		
DA2mw-110	FWGDA2mw-110C-1027-GW/GF	10/13/08	GW	DUP8-1100	EQUIPRinse6-1026	FWGTeam1-Trip		FWGDA2mw-110C-1114S-GW/GF	FWGTeam1-Trip	X	X	X	X	X		
DA2mw-111	FWGDA2mw-111C-1028-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam2-Trip				X	X	X	X	X		
DA2mw-112	FWGDA2mw-112C-1029-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam3-Trip				X	X	X	X	X		
DA2mw-113	FWGDA2mw-113C-1030-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam3-Trip				X	X	X	X	X		
DET-003	FWGDET-003C-1020-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam2-Trip				X	X	X	X	X		
DET-004*	FWGDET-004C-1021-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam2-Trip				X	X	X	X	X		
EBGmw-123	FWGEBGmw-123C-1031-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam5-Trip				X	X	X	X	X	X	
EBGmw-124	FWGEBGmw-124C-1032-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam5-Trip				X	X	X	X	X	X	
EBGmw-125	FWGEBGmw-125C-1033-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam5-Trip				X	X	X	X	X		
EBGmw-126	FWGEBGmw-126C-1034-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam5-Trip				X	X	X	X	X		
EBGmw-127	FWGEBGmw-127C-1035-GW/GF	10/13/08	GW	DUP6-1011	EQUIPRinse6-1026	FWGTeam4-Trip		FWGEBGmw-127C-1115S-GW/GF	FWGTeam4-Trip	X	X	X	X	X		
EBGmw-128	FWGEBGmw-128C-1036-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam5-Trip				X	X	X	X	X		
EBGmw129	FWGEBGmw-129C-1037-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam4-Trip				X	X	X	X	X		
EBGmw-130	FWGEBGmw-130C-1038-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam3-Trip	Yes			X	X	X	X	X		
LL5mw-005	FWGLL5mw-005C-0996-GW/GF	10/13/08	GW		EQUIPRinse6-1026	FWGTeam4-Trip	Yes			X	X	X	X	X	X	
LL6mw-001*	FWGLL6mw-001C-0998-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam3-TempA				X	X	X	X	X		
LL6mw-002	FWGLL6mw-002C-0999-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam3-Trip				X	X	X	X	X		
LL6mw-003	FWGLL6mw-003C-1000-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam3-Trip				X	X	X	X	X		
LL6mw-004	FWGLL6mw-004C-1001-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam3-Trip				X	X	X	X	X		
MBSmw-001	FWGMBSmw-001C-1086-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam2-Trip				X	X	X	X	X	X	
MBSmw-002	FWGMBSmw-002C-1087-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam2-Trip				X	X	X	X	X	X	
MBSmw-003	FWGMBSmw-003C-1088-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam1-Trip				X	X	X	X	X	X	
MBSmw-004	FWGMBSmw-004C-1089-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam1-Trip				X	X	X	X	X	X	
MBSmw-005	FWGMBSmw-005C-1090-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam2-Trip				X	X	X	X	X	X	
MBSmw-006	FWGMBSmw-006C-1091-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam1-Trip				X	X	X	X	X	X	
NTAmw-107	FWGNTAmw-107C-1055-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam4-Trip				X	X	X	X	X	X	
NTAmw-108	FWGNTAmw-108C-1056-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam4-Trip				X	X	X	X	X	X	
NTAmw-109	FWGNTAmw-109C-1057-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam4-Trip				X	X	X	X	X	X	
NTAmw-110	FWGNTAmw-110C-1058-GW/GF	10/14/08	GW	DUP10-1104	EQUIPRinse7-1027	FWGTeam5-Trip		FWGNTAmw-110C-1118S-GW/GF	TRIP BLANK	X	X	X	X	X	X	
NTAmw-111	FWGNTAmw-111C-1059-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam5-Trip	Yes			X	X	X	X	X	X	
NTAmw-112	FWGNTAmw-112C-1060-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam2-Trip				X	X	X	X	X		
NTAmw-113	FWGNTAmw-113C-1061-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam3-Trip				X	X	X	X	X		
NTAmw-114	FWGNTAmw-114C-1062-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam5-Trip				X	X	X	X	X		
NTAmw-115	FWGNTAmw-115C-1063-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam4-Trip				X	X	X	X	X		
NTAmw-116	FWGNTAmw-116C-1064-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam1-Trip				X	X	X	X	X	X	
NTAmw-117	FWGNTAmw-117C-1065-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam1-Trip				X	X	X	X	X	X	
NTAmw-118	FWGNTAmw-118C-1066-GW/GF	10/14/08	GW		EQUIPRinse7-1027	FWGTeam4-Trip				X	X	X	X	X	X	

*Sampled by bailer and/or over multiple, successive days due to inadequate well volume to fill required sample containers.

SECTION 3

RESULTS

3.1 Groundwater Elevations

Groundwater elevations for the FWGWMP monitoring wells were obtained on October 6-8 and 13, 2008 as described in Section 2.1. The groundwater elevations for the FWGWMP wells are presented in Table 3-1. The monitoring well location map, identified as Plate 1, is included with this report. Facility-wide groundwater potentiometric maps (Plates 2, and 3) based on all RVAAP groundwater measurements taken during the July 2008 event are also included in this report.

3.1.1 Sediment Accumulation for the October 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 data. Additionally, the sediment accumulation in October 2008 versus October 2007 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 several quarters. However, due to the amount of apparent sediment accumulation it appears that several wells may need to be redeveloped or that there was an error in reading the depths. Specifically, LL5mw-005 and -006 had apparent sediment accumulations of 2.92 and 3.26 respectively. These wells had reported hard bottoms and less than 0.5-feet of accumulation for previous events. The depths will be checked and verified during the annual water level measurement event conducted in January 2009. Additionally, the sediment depths in wells LL12mw-244 and LL12mw-113 appear to be increasing even after being redeveloped in April 2008. Despite the apparent sediment accumulation in these wells there is still sufficient well screen exposed. This situation will be monitored to ensure that representative samples of the groundwater from these wells are being collected. 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. A list of wells to be redeveloped will be prepared as part of the annual maintenance event as necessary.

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. EQM will continue to monitor any high turbidity readings and make a determination for future redevelopment and other evaluation of any affected wells.

3.1.2 Groundwater pH

Groundwater pH values of less than 5 have been noted in several wells over the past few sampling events. EQM has reviewed the historical purge records for these wells dating back to the January 2008 (sampling of the referenced wells started in January 2008 or April 2008). The pH readings are presented below for these wells. The April 2008 pH measurements for 2 of the wells (LL3mw-237 and LL12mw-107) appear to be anomalous and may be due to equipment error. The pH measurements for LL1mw-063 do appear to be declining over time. This well is centrally located to previous operations at Load Line 1. No other Load Line 1 wells are exhibiting low or declining pH levels. Conditions at this well will be closely monitored during future sampling events to determine if this trend is continuing. The pH measured during the purging of the other wells has remained consistently at or below 5 during the sampling timeframe. This could be indicative of groundwater contamination, however a full evaluation of the conditions at these wells will be conducted once all of the wells have been sampled.

Finally it should be noted that all of the referenced wells are bedrock wells, with the exception of LLW12mw-107. Most are Sharon wells which have a high silica content sandstone. The Homewood wells are installed in a sandstone formation. High silica content results in little, if any, buffering capacity which can result in lower pH.

pH Levels for Selected Wells

Well ID	January 2008 pH Range	April 2008 pH Range	July 2008 pH Range	October 2008 pH Range
LL1mw-063	7.41 – 7.71	5.05 – 4.23	4.64 – 4.77	5.93 – 3.53
LL3mw-237	6.04 – 6.19	2.64 – 3.15	6.19 – 6.76	5.56 – 6.13
LL12mw-107	7.05 – 7.4	3.88 – 4.59	6.12 – 6.42	6.74 – 6.58
B12mw-010	Not analyzed	4.32 – 4.42	4.95 – 5.51	5.15 – 5.19
CBLmw-002	Not analyzed	3.84 – 4.62	4.8 – 4.84	6.0 – 4.80
FBQmw-171	Not analyzed	4.87 – 4.88	4.84 – 4.94	6.32 – 5.69
FBQmw-174	Not analyzed	4.66 – 4.92	4.83 – 4.91	5.76 – 5.82
FBQmw-175	Not analyzed	4.35 – 4.41	5.06 – 5.09	5.68 – 5.37
RQLmw-012	Not analyzed	4.8 – 6.03	4.41 – 4.5	4.25 – 3. 96
RQLmw-013	Not analyzed	4.5 – 4.51	3.54 – 3.63	5.31 – 3.91

3.2 Summary of Analytical Results

Summaries of laboratory analytical results are presented in Tables 3-2, 3-3, 3-5, 3-6, 3-7, and 3-8. 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.

- 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, metals, 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.

Table 3-1 OCTOBER 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	2008 3nd Quarter Groundwater Elevation (July/2008) (ft)	2008 4th Quarter Groundwater Elevation (Oct/2008) (ft)	Depth to Water (ft below TOC) Oct/2008	Reported Construction Depth from TOC[a] (ft)	Oct/2008 Measured Depth from TOC (ft)	Oct/2008 Sediment Accumulation (ft)	Oct/2008 Description of Bottom
Loadline 1											
LL1mw-063	Sharon	994.84	966.51	972.12	970.90	966.36	28.48	30.0	30.05	-0.05	hard
LL1mw-064	Unconsolidated	935.10	*FROZEN*	934.47	932.98	931.52	3.58	21.1	21.04	0.06	hard
LL1mw-065	Unconsolidated	944.41	932.50	934.63	932.56	930.18	14.23	23.4	23.03	0.37	medium
LL1mw-079	Sharon	997.87	965.25	967.15	967.61	964.46	33.41	42.0	41.87	0.13	hard
Loadline 2											
LL2mw-060	Sharon	961.57	951.42	953.03	951.80	950.39	11.18	20.9	17.09	3.81	medium
LL2mw-261	Sharon	1,011.40	1,004.08	1,005.00	1,004.31	1,003.31	8.09	21.9	22.42	-0.52	hard
LL2mw-264	Sharon	1,011.88	1,005.01	1,006.43	1,004.86	1,001.46	10.42	21.7	22.34	-0.64	hard
LL2mw-265	Sharon	961.24	951.39	952.69	951.91	950.40	10.84	23.8	24.39	-0.59	hard
LL2mw-268	Sharon	1,017.28	1,002.32	1,003.21	1,002.26	1,000.89	16.39	29.3	29.81	-0.51	medium
LL2mw-270	Sharon	1,010.18	1,002.04	1,002.98	1,000.93	998.89	11.29	20.3	22.36	-2.06	hard
Loadline 3											
LL3mw-232	Sharon	1,000.41	979.18	982.28	980.80	977.06	23.35	38.8	39.75	-0.95	hard
LL3mw-233	Sharon	1,004.36	977.96	978.56	978.08	975.94	28.42	32.2	32.72	-0.52	hard
LL3mw-234	Sharon	1,006.56	995.77	996.84	995.79	994.97	11.59	22.1	22.61	-0.51	hard
LL3mw-235	Sharon	1,009.94	991.39	993.71	991.64	988.12	21.82	22.2	22.92	-0.72	hard
LL3mw-237	Sharon	1,005.57	989.87	991.72	989.59	985.68	19.89	24.9	25.53	-0.63	medium
LL3mw-240	Sharon	1,007.52	978.75	982.79	978.72	978.63	28.89	36.5	36.62	-0.12	medium
LL3mw-241	Sharon	994.65	983.70	987.12	982.53	979.45	15.20	25.1	25.54	-0.44	hard
LL3mw-243	Sharon	991.16	977.61	982.51	975.53	973.28	17.88	25.8	26.31	-0.51	hard
Loadline 4											
LL4mw-193	Unconsolidated	982.92	975.47	976.72	975.60	974.39	8.53	23.5	24.29	-0.79	hard
LL4mw-194	Unconsolidated	983.76	975.81	977.17	974.98	973.01	10.75	23.4	23.60	-0.20	hard
LL4mw-195	Unconsolidated	982.59	972.02	973.34	971.77	970.70	11.89	22.3	22.88	-0.58	hard
LL4mw-200	Unconsolidated	987.93	970.29	970.98	970.46	969.38	18.55	25.0	25.20	-0.20	medium
Loadline 12											
LL12mw-088	Unconsolidated	981.06	973.58	974.21	974.83	973.25	7.81	27.1	27.33	-0.23	medium
LL12mw-107	Unconsolidated	980.15	969.27	971.25	971.32	969.04	11.11	33.1	33.65	-0.55	hard
LL12mw-113	Sharon Shale	980.18	970.70	971.58	973.90	971.75	8.43	25.0	18.25	6.75	soft
LL12mw-128	Unconsolidated	978.24	968.44	968.55	968.86	967.14	11.10	33.3	34.11	-0.81	hard
LL12mw-154	Unconsolidated	979.06	970.44	971.17	970.77	968.47	10.59	28.7	28.75	-0.05	medium
LL12mw-184	Unconsolidated	983.16	970.32	971.37	971.19	969.38	13.78	31.2	31.34	-0.14	hard
LL12mw-185	Unconsolidated	981.31	973.11	973.98	974.38	971.16	10.15	23.2	23.23	-0.03	hard
LL12mw-187	Unconsolidated	979.94	970.54	971.55	970.88	968.23	11.71	29.4	29.89	-0.49	hard
LL12mw-188	Unconsolidated	980.63	975.78	976.45	975.00	971.81	8.82	22.2	22.12	0.08	medium
LL12mw-189	Sharon Shale	978.04	974.24	966.04	972.96	967.22	10.82	19.6	19.96	-0.36	medium
LL12mw-242	Unconsolidated	981.20	972.55	973.43	972.45	969.43	11.77	28.3	28.95	-0.65	medium
LL12mw-243	Unconsolidated	980.79	971.04	971.74	972.37	970.39	10.40	25.7	25.14	0.56	soft
LL12mw-244	Unconsolidated	980.65	970.55	971.68	970.95	968.35	12.30	32.1	29.80	2.30	soft
LL12mw-245	Unconsolidated	980.04	971.69	971.52	972.88	970.80	9.24	30.5	30.15	0.35	medium
LL12mw-246	Unconsolidated	984.83	967.73	968.94	968.98	966.84	17.99	34.3	35.00	-0.70	hard

Table 3-1 OCTOBER 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	2008 3nd Quarter Groundwater Elevation (July/2008) (ft)	2008 4th Quarter Groundwater Elevation (Oct/2008) (ft)	Depth to Water (ft below TOC) Oct/2008	Reported Construction Depth from TOC[a] (ft)	Oct/2008 Measured Depth from TOC (ft)	Oct/2008 Sediment Accumulation (ft)	Oct/2008 Description of Bottom
Loadline 5											
LL5mw-001	Homewood	1,127.92	NM	1,109.97	1,107.73	1,104.65	23.27	26.9	30.67	-3.77	hard
LL5mw-002	Homewood	1,128.68	NM	1,110.13	1,106.78	1,106.81	21.87	27.90	27.03	0.87	hard
LL5mw-003	Unconsolidated	1,127.70	NM	1,110.85	1,108.11	1,108.00	19.70	24.00	25.33	-1.33	hard
LL5mw-004	Homewood	1,125.81	NM	1,110.33	1,107.66	1,102.26	23.55	24.90	27.45	-2.55	medium
LL5mw-005	Homewood	1,129.42	NM	1,110.05	1,107.72	1,107.67	21.75	29.90	26.98	2.92	hard
LL5mw-006	Homewood	1,128.00	NM	1,110.05	1,107.68	1,106.66	21.34	26.90	23.64	3.26	hard
Loadline 6											
LL6mw-001	Unconsolidated	1,124.16	NM	1,113.01	1,110.24	1,107.68	16.48	17.0	17.59	-0.59	hard
LL6mw-002	Unconsolidated	1,129.36	NM	1,111.34	1,108.17	1,106.62	22.74	22.5	24.43	-1.93	hard
LL6mw-003	Homewood	1,125.38	NM	1,111.33	1,109.24	1,107.43	17.95	25.9	25.68	0.22	hard
LL6mw-004	Homewood	1,125.39	NM	NM	1,108.14	1,106.76	18.63	25.1	24.45	0.65	hard
Building 1200											
BL12mw-010	Unconsolidated	1,005.92	NM	991.19	988.73	985.57	20.35	23.2	22.79	0.41	hard
BL12mw-011	Unconsolidated	1,006.70	NM	984.77	987.38	984.07	22.63	26.9	26.72	0.18	hard
BL12mw-012	Unconsolidated	1,006.32	NM	982.20	987.61	983.86	22.46	24.9	24.79	0.11	hard
C-Block Quarry											
CBLmw-001	Homewood	1,181.08	NM	1,141.78	1,140.43	1,136.98	44.10	51.6	49.62	1.98	medium
CBLmw-002	Homewood	1,175.24	NM	1,141.14	1,139.93	1,136.56	38.68	47.2	47.29	-0.09	hard
CBLmw-003	Homewood	1,175.06	NM	1,144.92	1,141.93	1,137.84	37.22	45.8	44.70	1.10	hard
CBLmw-004	Homewood	1,174.84	NM	1,142.99	1,141.25	1,137.92	36.92	46.8	46.98	-0.18	hard
Central Burn Pits											
CBPmw-001	Unconsolidated	975.84	NM	963.69	963.17	961.10	14.74	34.9	32.68	2.22	medium
CBPmw-002	Unconsolidated	970.04	NM	962.02	962.18	958.98	11.06	32.2	32.00	0.20	hard
CBPmw-003	Unconsolidated	974.67	NM	963.73	962.96	959.94	14.73	27.1	30.18	-3.08	hard
CBPmw-004	Unconsolidated	971.13	NM	961.57	960.49	958.76	12.37	29.5	29.59	-0.09	hard
CBPmw-005	Unconsolidated	971.59	NM	NM	NM	958.09	13.50	27.3	27.38	-0.08	hard
CBPmw-008	Unconsolidated	973.19	NM	958.39	957.58	955.59	17.60	27.6	27.90	-0.30	hard
Cobbs Pond											
CPmw-001	Unconsolidated	975.26	NM	973.31	970.76	968.47	6.79	15.3	14.69	0.61	hard
CPmw-002	Unconsolidated	972.31	NM	972.31	971.32	967.71	4.60	15.1	14.97	0.13	hard
CPmw-003	Unconsolidated	972.92	NM	971.65	970.80	968.08	4.84	17.6	17.83	-0.23	hard
CPmw-004	Unconsolidated	981.20	NM	971.71	969.31	967.84	13.36	22.2	22.56	-0.36	hard
CPmw-005	Unconsolidated	973.58	NM	963.76	962.57	960.79	12.79	42.4	43.15	-0.75	hard
CPmw-006	Unconsolidated	965.13	NM	957.18	956.35	955.82	9.31	20.2	20.63	-0.43	hard

Table 3-1 OCTOBER 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	2008 3nd Quarter Groundwater Elevation (July/2008) (ft)	2008 4th Quarter Groundwater Elevation (Oct/2008) (ft)	Depth to Water (ft below TOC) Oct/2008	Reported Construction Depth from TOC[a] (ft)	Oct/2008 Measured Depth from TOC (ft)	Oct/2008 Sediment Accumulation (ft)	Oct/2008 Description of Bottom
Detonation Area 2											
DA2mw-104	Unconsolidated	1,073.89	NM	1,053.74	1,053.37	1,051.79	22.10	29.6	29.21	0.39	hard
DA2mw-105	Unconsolidated	1,045.34	NM	1,041.99	1,041.76	1,041.85	3.49	16.2	16.20	0.00	hard
DA2mw-106	Unconsolidated	1,043.79	NM	1,039.76	1,038.54	1,036.32	7.47	18.1	16.79	1.31	hard
DA2mw-108	Unconsolidated	1,032.36	NM	1,027.01	1,026.16	1,025.79	6.57	16.9	17.14	-0.24	hard
DA2mw-109	Unconsolidated	1,071.29	NM	1,059.92	1,057.52	1,054.12	17.17	24.1	24.34	-0.24	hard
DA2mw-110	Unconsolidated	1,063.78	NM	1,057.37	1,054.85	1,051.56	12.22	21.9	22.33	-0.43	hard
DA2mw-111	Unconsolidated	1,042.12	NM	1,037.88	1,037.86	1,023.42	18.70	14.8	16.29	-1.49	hard
DA2mw-112	Unconsolidated	1,037.44	NM	1,030.48	1,029.62	1,032.96	4.48	16.6	14.79	1.81	hard
DA2mw-113	Unconsolidated	1,037.11	NM	1,029.97	1,028.73	1,029.31	7.80	16.1	17.04	-0.94	hard
DETmw-003	Unconsolidated	1,036.81	NM	1,027.48	NM	1,027.02	9.79	13.0	16.01	-3.01	medium
DETmw-004	Unconsolidated	1,038.68	NM	1,028.54	NM	1,027.69	10.99	12.0	13.80	-1.80	hard
Erie Burning Grounds											
EBGmw-123	Unconsolidated	947.82	NM	937.81	938.25	937.62	10.20	33.7	34.74	-1.04	hard
EBGmw-124	Unconsolidated	941.39	NM	937.44	938.20	937.58	3.81	32.9	32.65	0.25	soft
EBGmw-125	Unconsolidated	949.89	NM	937.33	938.17	937.44	12.45	26.8	27.44	-0.64	hard
EBGmw-126	Unconsolidated	940.61	NM	938.59	938.32	937.62	2.99	27.9	27.80	0.10	hard
EBGmw-127	Unconsolidated	943.07	NM	938.92	936.72	937.47	5.60	32.4	32.84	-0.44	hard
EBGmw-128	Unconsolidated	945.13	NM	938.46	938.31	937.29	7.84	28.0	28.19	-0.19	hard
EBGmw-129	Unconsolidated	944.36	NM	939.25	938.23	936.99	7.37	28.4	31.02	-2.62	hard
EBGmw-130	Unconsolidated	944.00	NM	937.63	937.30	936.44	7.56	28.3	28.37	-0.07	hard
Fuze & Booster Quarry											
FBQmw-166	Unconsolidated	1,108.86	NM	1,104.11	1,103.71	1,102.54	6.32	19.5	19.70	-0.20	hard
FBQmw-167	Unconsolidated	1,115.90	NM	1,111.72	1,111.01	1,109.67	6.23	18.9	18.98	-0.08	hard
FBQmw-168	Homewood	1,133.91	NM	1,125.12	1,121.67	1,120.43	13.48	21.6	21.22	0.38	hard
FBQmw-169	Homewood	1,120.58	NM	1,115.88	1,113.70	1,112.16	8.42	18.2	18.06	0.14	hard
FBQmw-170	Homewood	1,142.26	NM	1,128.26	1,123.62	1,121.90	20.36	32.6	32.67	-0.07	hard
FBQmw-171	Homewood	1,143.55	NM	1,129.95	1,125.43	1,122.16	21.39	31.1	31.40	-0.30	hard
FBQmw-172	Homewood	1,150.09	NM	1,126.51	1,124.31	1,121.16	28.93	34.4	34.39	0.01	hard
FBQmw-173	Homewood	1,165.94	NM	1,124.26	1,123.69	1,121.34	44.60	53.0	51.65	1.35	medium
FBQmw-174	Homewood	1,139.97	NM	1,127.80	1,123.95	1,120.88	19.09	26.2	22.83	3.37	medium
FBQmw-175	Homewood	1,140.73	NM	1,126.85	1,123.85	1,120.97	19.76	25.6	25.55	0.05	medium
FBQmw-176	Unconsolidated	1,131.91	NM	1,125.06	1,122.81	1,120.73	11.18	23.3	23.83	-0.53	soft
FBQmw-177	Homewood	1,128.57	NM	1,118.17	1,115.82	1,102.82	25.75	24.8	24.78	0.02	soft
Landfill North of Winklepeck											
LNWmw-024	Unconsolidated	1,038.00	NM	1,027.58	1,025.90	1,028.85	9.15	22.7	26.85	-4.15	medium
LNWmw-025	Unconsolidated	1,029.13	NM	1,025.25	1,024.17	1,023.44	5.69	19.9	20.38	-0.48	hard
LNWmw-026	Unconsolidated	1,027.80	NM	1,024.25	1,022.17	1,013.59	14.21	25.8	22.51	3.29	hard
LNWmw-027	Unconsolidated	1,027.13	NM	1,021.38	1,020.41	1,013.81	13.32	26.7	25.97	0.73	hard

Table 3-1 OCTOBER 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	2008 3nd Quarter Groundwater Elevation (July/2008) (ft)	2008 4th Quarter Groundwater Elevation (Oct/2008) (ft)	Depth to Water (ft below TOC) Oct/2008	Reported Construction Depth from TOC[a] (ft)	Oct/2008 Measured Depth from TOC (ft)	Oct/2008 Sediment Accumulation (ft)	Oct/2008 Description of Bottom
NACA Test Area											
NTAmw-107	Unconsolidated	1,080.30	NM	1,068.92	1,067.55	1,066.82	13.48	24.6	24.20	0.40	medium
NTAmw-108	Unconsolidated	1,085.62	NM	1,069.21	1,067.83	1,067.12	18.50	24.4	24.47	-0.07	medium
NTAmw-109	Unconsolidated	1,079.84	NM	1,069.51	1,067.72	1,067.01	12.83	20.9	20.86	0.04	soft
NTAmw-110	Unconsolidated	1,082.62	NM	1,069.83	1,068.32	1,067.33	15.29	29.6	29.75	-0.15	hard
NTAmw-111	Unconsolidated	1,080.94	NM	1,072.68	1,077.05	1,073.84	7.10	22.4	22.01	0.39	hard
NTAmw-112	Unconsolidated	1,078.33	NM	1,070.57	1,069.37	1,068.32	10.01	26.9	26.60	0.30	hard
NTAmw-113	Unconsolidated	1,075.68	NM	1,069.94	1,068.73	1,067.63	8.05	30.6	29.22	1.38	hard
NTAmw-114	Unconsolidated	1,078.71	NM	1,073.58	1,072.54	1,070.86	7.85	22.6	22.74	-0.14	hard
NTAmw-115	Unconsolidated	1,089.65	NM	1,076.53	1,075.60	1,073.90	15.75	25.2	25.23	-0.03	hard
NTAmw-116	Unconsolidated	1,094.33	NM	1,089.70	1,087.98	1,086.44	7.89	22.6	22.58	0.02	hard
NTAmw-117	Unconsolidated	1,094.54	NM	1,081.85	1,080.89	1,078.77	15.77	27.4	27.49	-0.09	hard
NTAmw-118	Unconsolidated	1,081.44	NM	1,073.72	1,072.67	1,071.06	10.38	24.6	24.69	-0.09	hard
Ramsdell Quarry											
RQLmw-007	Sharon	965.91	NM	961.63	NM	957.03	8.88	18.2	18.56	-0.36	hard
RQLmw-008	Sharon	966.08	NM	961.69	NM	957.35	8.73	18.5	18.6	-0.10	hard
RQLmw-009	Sharon	964.58	NM	961.63	NM	957.13	7.45	18.4	18.8	-0.40	hard
RQLmw-012	Sharon	977.65	NM	957.46	956.93	953.63	24.02	32.5	32.63	-0.13	hard
RQLmw-013	Sharon	980.71	NM	955.97	956.39	953.29	27.42	36.6	36.41	0.19	hard
RQLmw-014	Sharon	973.49	NM	955.16	954.46	951.56	21.93	31.6	31.05	0.55	soft
RQLmw-015	Sharon	991.26	NM	960.46	961.77	958.15	33.11	41.6	41.99	-0.39	hard
RQLmw-016	Sharon	996.6	NM	961.71	962.80	965.15	31.45	41.6	32.70	8.90	hard
RQLmw-017	Sharon	991.23	NM	962.54	963.00	954.73	36.50	32.5	41.64	-9.14	medium
Winklepeck Burning Grounds											
WBGmw-005	Unconsolidated	1,054.70	NM	1,050.38	1,048.87	1,046.70	8.00	21.1	21.10	0.00	hard
WBGmw-008	Unconsolidated	1,008.21	NM	993.89	993.22	992.05	16.16	21.0	20.81	0.19	hard
WBGmw-010	Unconsolidated	1,069.85	NM	1,063.85	1,061.79	1,060.22	9.63	23.6	23.30	0.30	medium
WBGmw-011	Unconsolidated	1,072.38	NM	1,063.43	1,061.77	1,060.44	11.94	24.0	23.80	0.20	hard
WBGmw-012	Unconsolidated	1,079.11	NM	1,060.21	1,063.50	1,054.81	24.30	32.0	31.73	0.27	medium
WBGmw-013	Unconsolidated	1,071.70	NM	1,062.52	1,061.21	1,059.40	12.30	23.9	24.10	-0.20	medium
WBGmw-014	Unconsolidated	996.78	NM	982.09	980.45	979.10	17.68	25.0	24.97	0.03	hard
WBGmw-015	Unconsolidated	1,011.60	NM	1,001.40	999.04	996.85	14.75	23.8	23.42	0.38	soft
WBGmw-016	Unconsolidated	997.03	NM	981.80	979.91	978.44	18.59	25.4	25.20	0.20	soft
WBGmw-017	Unconsolidated	1,006.62	NM	999.47	997.49	994.93	11.69	23.9	23.66	0.24	medium

Table 3-1 OCTOBER 2008 FWGMP Monitoring Well Measurements

Well	Monitoring Zone	Top of Casing (TOC) Elevation[a] (ft)	2008 1st Quarter Groundwater Elevation (Jan/2008) (ft)	2008 2nd Quarter Groundwater Elevation (April/2008) (ft)	2008 3nd Quarter Groundwater Elevation (July/2008) (ft)	2008 4th Quarter Groundwater Elevation (Oct/2008) (ft)	Depth to Water (ft below TOC) Oct/2008	Reported Construction Depth from TOC[a] (ft)	Oct/2008 Measured Depth from TOC (ft)	Oct/2008 Sediment Accumulation (ft)	Oct/2008 Description of Bottom
Suspected Mustard Agent Burial Site											
MBSmw-001	Unconsolidated	1,082.20	NM	1,065.75	1,064.61	1,063.80	18.40	31.5	30.92	0.58	hard
MBSmw-002	Unconsolidated	1,083.22	NM	1,066.38	1,065.21	1,064.35	18.87	30.7	30.34	0.36	hard
MBSmw-003	Unconsolidated	1,084.45	NM	1,066.91	1,065.92	1,064.90	19.55	30.5	30.69	-0.19	hard
MBSmw-004	Unconsolidated	1,081.80	NM	1,066.11	1,065.13	1,064.17	17.63	27.0	26.53	0.47	hard
MBSmw-005	Unconsolidated	1,082.42	NM	1,065.70	1,064.57	1,063.78	18.64	30.2	30.00	0.20	soft
MBSmw-006	Unconsolidated	1,081.83	NM	1,065.64	1,064.53	1,063.71	18.12	28.2	28.11	0.09	hard

a = Elevations are in feet above mean sea level (amsl)
NM = New wells added to the sampling sxhedule, not measured in January 2008

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 (0.092 µg/L J B), LL3mw-241 (4.5 µg/L), LL6mw-002 (0.044 µg/L J), LL6mw-003 (0.071 µg/L J), LL6mw-004 (0.066 µg/L J), CBPmw-001 (0.046 µg/L J), DA2mw-109 (0.043 µg/L J), RQLmw-016 (0.048 µg/L J), WBGmw-017 (0.078 µg/L J B). There is no MCL for 1,3,5-Trinitrobenzene. The Region 9 PRG is 1,100 µg/L.

- 1,3-Dinitrotoluene – LL3mw-241 (0.051 µg/L J). There is no MCL for 1,3-Dinitrotoluene. The Region 9 PRG is 3.6 µg/L.

- 2,4,6-Trinitrotoluene –LL3mw-237 (0.57 µg/L), LL3mw-241 (2.5 µg/L), FBQmw-173 (0.085 µg/L J), FBQmw-174 (27 µg/L J). There is no MCL for 2,4,6-Trinitrotoluene. The Region 9 PRG is 2.2 µg/L.

- 2,4-Dinitrotoluene – LL1mw-063 (0.24 µg/L), LL3mw-237 (0.058 µg/L J), LL3mw-241 (0.071 µg/L J). There is no MCL for 2,4-Dinitrotoluene. The Region 9 PRG is 73 µg/L.

- 2,6-Dinitrotoluene – LL1mw-063 (0.37 µg/L), LL3mw-234 (0.1 µg/L J), LL3mw-241 (0.076 µg/L J), DA2mw-105 (0.074 µg/L J), DA2mw-108 (0.065 µg/L J), FBQmw-166 (0.094 µg/L J), MBSmw-006 (0.062 µg/L J), NTAmw-113 (0.074 µg/L J), RQLmw-016 (0.066 µg/L J), WBGmw-011 (0.06 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 (0.42 µg/L), LL1mw-079 (0.91 µg/L), LL2mw-060 (0.62 µg/L), LL3mw-234 (0.28 µg/L J), LL3mw-237 (2.5 µg/L J), LL3mw-241 (1.7 µg/L), FBQmw-174 (27 µg/L J), WBGmw-013 (0.61 µg/L J). There is no MCL or Region 9 PRG for 2-Amino-4,6-dinitrotoluene.

- 4-Amino-2,6-dinitrotoluene – LL1mw-063 (1.2 µg/L), LL1mw-079 (1.1 µg/L), LL2mw-060 (0.91 µg/L), LL3mw-234 (0.5 µg/L J), LL3mw-237 (3.7 µg/L J), LL3mw-241 (1.6 µg/L), FBQmw-173 (0.16 µg/L), FBQmw-174 (30 µg/L J), WBGmw-013 (0.36 µg/L J). There is no MCL or Region 9 PRG for 4-Amino-2,6-dinitrotoluene.

- 2-Nitrotoluene – LL3mw-241 (0.5 µg/L J), LL4mw-195 (0.096 µg/L J). There is mo MCL for 2-Nitrotoluene. The Region 9 PRG is 110 µg/L.

- HMX – LL1mw-063 (1.2 µg/L), LL1mw-079 (0.42 µg/L), LL3mw-234 (0.056 µg/L J), LL3mw-237 (0.066 µg/L J), LL3mw-241 (0.2 µg/L), LL12mw-189 (0.07 µg/L J), FBQmw-174 (0.2 µg/L J), RQLmw-012 (0.052 µg/L J). There is no MCL for HMX. The Region 9 PRG is 1,800 µg/L.

- Nitrobenzene – LL1mw-063 (0.12 µg/L J), LL1mw-079 (0.054 µg/L J), LL3mw-243 (0.073 µg/L J), LL4mw-193 (0.059 µg/L J), LL5mw-004 (0.074 µg/L J), LL5mw-006 (0.095 µg/L J), LL12mw-107 (0.076 µg/L J), LL12mw-128 (0.067 µg/L J), LL12mw-185 (0.079 µg/L J), LL12mw-188 (0.076 µg/L J), LL12mw-189 (0.08 µg/L J B), LL12mw-242 (0.051 µg/L J), LL12mw-246 (0.074 µg/L J), CBLmw-004 (0.056 µg/L J), DA2mw-109 (0.051 µg/L J), EBGmw-123 (0.065 µg/L J), EBGmw-128 (0.07 µg/L J), EBGmw-130 (0.06 µg/L J), FBQmw-168 (0.06 µg/L J B), FBQmw-170 (0.056 µg/L J B), FBQmw-173 (0.073 µg/L J B), LNWmw-024 (0.054 µg/L J B), LNWmw-025 (0.052 µg/L J B), LNWmw-026 (0.093 µg/L J B), MBSmw-006 (0.061 µg/L J), NTAmw-117 (0.086 µg/L J), WBGmw-011 (0.077 µg/L J), WBGmw-015 (0.094 µg/L J). There is no MCL for nitrobenzene. The Region 9 PRG is 3.4 µg/L.

- Nitrocellulose – LL6mw-002 (0.13 µg/L J), LL6mw-003 (0.13 µg/L J), LL12mw-187 (2.3 µg/L J), NTAmw-107 (0.14 µg/L J), NTAmw-109 (0.14 µg/L J), NTAmw-111 (0.14 µg/L J). There is no MCL or Region 9 PRG for Nitrocellulose.

- RDX – LL1mw-063 (0.16 µg/L), LL1mw-079 (0.98 µg/L), LL2mw-268 (0.19 µg/L B), LL3mw-234 (0.48 µg/L J B), LL3mw-237 (0.14 µg/L J), LL3mw-241 (1.1 µg/L J), DETmw-004 (0.16 µg/L), RQLmw-012 (0.17 µg/L). There is no MCL for RDX. The Region 9 PRG is 0.61 µg/L.

- Nitrate-Nitrite – LL12mw-088 (0.06 mg/L J), LL12mw-128 (0.02 mg/L J), LL12mw-154 (0.1 mg/L B), LL12mw-185 (230 mg/L J), LL12mw-187 (200 mg/L B), LL12mw-188 (0.08 mg/L J B), LL12mw-242 (0.2 mg/L B), LL12mw-243 (0.3 mg/L J), LL12mw-244 (0.3 mg/L), LL12mw-246 (0.1 mg/L B). 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.

As shown in Table 3-2, the only explosives/propellants detected at levels above the Region 9 PRGs during the October 2008 were as follows:

- RDX - LL1mw-079 (0.98 µg/L), LL3mw-241 (1.1 µg/L). The Region 9 PRG is 0.61 µg/L for RDX.
- 2,4,6-Trinitrotoluene – LL3mw-241 (2.5 µg/L). The Region 9 PRG for 2,4,6-trinitrotoluene is 2.2 µg/L.
- Nitrate/Nitrite – LL12mw-185 (230 mg/L J), andLL12mw-187 (200 mg/L B). The Region 0 PRG for nitrate/nitrite is 1 mg/L.

The method blank associated with samples analyzed in nitrate/nitrite batch 8283294 had detected concentrations of nitrate/nitrite which may have contributed to the overall detected concentrations of nitrate/nitrite in each sample within that batch. FWGLL12mw-187c-0984-GW was diluted to bring the concentration of the sample within calibration range of the instrumentation, so that while the blank contamination is minimal compared to the actual sample concentration, the diluted sample may have been impacted by blank contamination. Based on past detected concentrations of nitrate/nitrite in LL12mw-187 (as high as 1,800 mg/L), the 200 mg/L detection should be considered as being indicative of the presence of nitrate/nitrite in this well at a concentration of 200mg/L.

Table 3-2 FWGWMP October 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-0955-GW	FWGLL1mw-064C-0956-GW	FWGLL1mw-065C-0957-GW	FWGLL1mw-079C-0958-GW	FWGLL2mw-060C-0959-GW	FWGLL2mw-261C-0960-GW	FWGLL2mw-264C-0961-GW
Date Collected				10/6-10/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	**0.092 JB**	0.11 U	0.11 U	0.11 U	0.062 J	0.1 U	0.12 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.14 U	0.11 U	0.11 U	0.11 U	0.12 U	0.1 U	0.12 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.14 U	0.11 U	0.11 U	0.11 U	0.12 U	0.1 U	0.12 U
2,4-Dinitrotoluene	µg/L	NS	73	**0.24**	0.11 U	0.11 U	0.11 U	0.12 U	0.1 U	0.12 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.37**	0.11 U	0.11 U	0.11 U	0.12 U	0.1 U	0.12 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	**0.42**	0.11 U	0.11 U	**0.91**	**0.62**	0.1 U	0.12 U
2-Nitrotoluene	µg/L	NS	110	0.7 U	0.54 U	0.54 U	0.53 U	0.6 U	0.52 U	0.58 U
3-Nitrotoluene	µg/L	NS	3.2	0.7 U	0.54 U	0.54 U	0.53 U	0.6 U	0.52 U	0.58 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	**1.2**	0.11 U	0.11 U	**1.1**	**0.91**	0.1 U	0.12 U
4-Nitrotoluene	µg/L	NS	3.2	0.7 U	0.54 U	0.54 U	0.53 U	0.6 U	0.52 U	0.58 U
HMX	µg/L	NS	1800	**1.2**	0.11 U	0.11 U	**0.42**	0.12 U	0.1 U	0.12 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	**0.12 J**	0.11 U	0.11 U	**0.054 J**	0.12 U	0.1 U	0.12 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	0.9 U	0.7 U	0.7 U	0.69 U	0.79 U	0.68 U	0.75 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	0.9 U	0.7 U	0.7 U	0.69 U	0.79 U	0.68 U	0.75 U
RDX	µg/L	NS	0.61	**0.16**	0.11 U	0.11 U	**0.98**	0.12 U	0.1 U	0.12 U
Tetryl	µg/L	NS	360	0.14 U	0.11 U	0.11 U	0.11 U	0.12 U	0.1 U	0.12 U

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

Table 3-2 FWGWMP October 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-0962-GW	FWGLL2mw-268C-0963-GW	FWGLL2mw-270C-0964-GW	FWGLL3mw-232C-0965-GW	FWGLL3mw-233C-0966-GW	FWGLL3mw-234C-0967-GW	FWGLL3mw-235C-0968-GW
Date Collected				10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/7-9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U
2,4-Dinitrotoluene	µg/L	NS	73	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 U
2,6-Dinitrotoluene	µg/L	NS	36	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	**0.1 J**	0.11 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	**0.28 J**	0.11 U
2-Nitrotoluene	µg/L	NS	110	0.6 U	0.54 U	0.52 U	0.53 U	0.6 U	0.55 U	0.56 U
3-Nitrotoluene	µg/L	NS	3.2	0.6 U	0.54 U	0.52 U	0.53 U	0.6 U	0.55 U	0.56 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	**0.5 J**	0.11 U
4-Nitrotoluene	µg/L	NS	3.2	0.6 U	0.54 U	0.52 U	0.53 U	0.6 U	0.55 U	0.56 U
HMX	µg/L	NS	1800	0.12 U	0.11 U	0.1 U	0.11 U	0.12 U	**0.056 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	0.12 UJ	0.11 U	0.1 U	0.11 U	0.12 U	0.11 U	0.11 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	0.77 U	0.71 U	0.68 U	0.69 U	0.79 U	0.72 U	0.72 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	0.77 U	0.71 U	0.68 U	0.69 U	0.79 U	0.72 U	0.72 U
RDX	µg/L	NS	0.61	0.12 U	**0.19 B**	0.1 U	0.11 U	0.12 U	**0.48 JB**	0.11 U
Tetryl	µg/L	NS	360	0.12 U	0.11 U	0.1 U	0.11 U	0.12 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 October 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-0969-GW	FWGLL3mw-240C-0970-GW	FWGLL3mw-241C-0971-GW	FWGLL3mw-243C-0972-GW	FWGLL4mw-193C-0973-GW	FWGLL4mw-194C-0974-GW	FWGLL4mw-195C-0975-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/6/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.11 U	**4.5**	0.1 U	0.098 U	0.095 U	0.11 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.11 U	**0.051 J**	0.1 U	0.098 U	0.095 U	0.11 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	**0.57**	0.11 U	**2.5**	0.1 U	0.098 U	0.095 U	0.11 U
2,4-Dinitrotoluene	µg/L	NS	73	**0.058 J**	0.11 U	**0.071 J**	0.1 U	0.098 U	0.095 U	0.11 U
2,6-Dinitrotoluene	µg/L	NS	36	0.1 U	0.11 U	**0.076 J**	0.1 U	0.098 U	0.095 U	0.11 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	**2.5**	0.11 U	**1.7**	0.1 U	0.098 U	0.095 U	0.11 U
2-Nitrotoluene	µg/L	NS	110	0.52 U	0.53 U	**0.5 U**	0.51 U	0.49 U	0.48 U	**0.096 J**
3-Nitrotoluene	µg/L	NS	3.2	0.52 U	0.53 U	0.5 U	0.51 U	0.49 U	0.48 U	0.54 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	**3.7**	0.11 U	**1.6**	0.1 U	0.098 U	0.095 U	0.11 U
4-Nitrotoluene	µg/L	NS	3.2	0.52 U	0.53 U	0.5 U	0.51 U	0.49 U	0.48 U	0.54 U
HMX	µg/L	NS	1800	**0.066 J**	0.11 U	**0.2**	0.1 U	0.098 U	0.095 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	0.1 U	0.11 U	0.099 U	**0.073 J**	**0.059 J**	0.095 U	0.11 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	0.68 U	0.69 U	0.64 U	0.66 U	0.64 U	0.62 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	0.68 U	0.69 U	0.64 U	0.66 U	0.64 U	0.62 U	0.7 U
RDX	µg/L	NS	0.61	**0.14**	0.11 U	**1.1**	0.1 U	0.098 U	0.095 U	0.11 U
Tetryl	µg/L	NS	360	0.1 U	0.11 U	0.099 U	0.1 U	0.098 U	0.095 U	0.11 U

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

Table 3-2 FWGWMP October 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-0976-GW	FWGLL5mw-001-0992-GW	FWGLL5mw-002-0993-GW	FWGLL5mw-003-0994-GW	FWGLL5mw-004-0995-GW	FWGLL5mw-005C-0996-GW	FWGLL5mw-006-0997-GW
Date Collected				10/6/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/13/2008	10/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
2,4-Dinitrotoluene	µg/L	NS	73	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
2,6-Dinitrotoluene	µg/L	NS	36	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
2-Nitrotoluene	µg/L	NS	110	0.59 U	0.5 U	0.48 U	0.48 U	0.49 U	0.48 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.59 U	0.5 U	0.48 U	0.48 U	0.49 U	0.48 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
4-Nitrotoluene	µg/L	NS	3.2	0.59 U	0.5 U	0.48 U	0.48 U	0.49 U	0.48 U	0.5 U
HMX	µg/L	NS	1800	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 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	0.12 U	0.099 U	0.096 U	0.097 U	**0.074 J**	0.095 U	**0.095 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 UJ
Nitroglycerin	µg/L	NS	4.8	0.77 U	0.64 U	0.62 U	0.63 U	0.64 U	0.62 U	0.64 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U
PETN	µg/L	NS	NS	0.77 U	0.64 U	0.62 U	0.63 U	0.64 U	0.62 U	0.64 U
RDX	µg/L	NS	0.61	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U
Tetryl	µg/L	NS	360	0.12 U	0.099 U	0.096 U	0.097 U	0.098 U	0.095 U	0.099 U

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

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

Station ID				LL6mw-001	LL6mw-002	LL6mw-003	LL6mw-004	LL12mw-088	LL12mw-107	LL12mw-113
Sample ID		MCL	Region 9 PRG	FWGLL6mw-001C-0998-GW	FWGLL6mw-002C-0999-GW	FWGLL6mw-003C-1000-GW	FWGLL6mw-004C-1001-GW	FWGLL12mw-088C-0977-GW	FWGLL12mw-107C-0978-GW	FWGLL12mw-113C-0979-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/7/2008	10/7/2008	10/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.099 U	**0.044 J**	**0.071 J**	**0.066 J**	0.097 U	0.1 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.5 U	0.54 U	0.57 U	0.48 U	0.5 U	0.52 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.5 U	0.54 U	0.57 U	0.48 U	0.5 U	0.52 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.5 U	0.54 U	0.57 U	0.48 U	0.5 U	0.52 U
HMX	µg/L	NS	1800	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	**0.06 J**	0.1 U	0.1 U
Nitrobenzene	µg/L	NS	3.4	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	**0.076 J**	0.1 U
Nitrocellulose	mg/L	NS	NS	0.5 U	**0.13 J**	**0.13 J**	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.65 U	0.7 U	0.74 U	0.63 U	0.65 U	0.68 U
Nitroguanidine	µg/L	NS	NS	20 U	20 UJ	20 UJ	20 UJ	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.64 U	0.65 U	0.7 U	0.74 U	0.63 U	0.65 U	0.68 U
RDX	µg/L	NS	0.61	0.099 U	0.1 U	0.11 U	0.11 U	0.097 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.099 U	0.1 U	0.11 U	0.11 U	0.097 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 October 2008 Explosive and Propellant Analytical Results

Station ID				LL12mw-128	LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189
Sample ID		MCL	Region 9 PRG	FWGLL12mw-128C-0980-GW	FWGLL12mw-154C-0981-GW	FWGLL12mw-184C-0982-GW	FWGLL12mw-185C-0983-GW	FWGLL12mw-187C-0984-GW	FWGLL12mw-188C-0985-GW	FWGLL12mw-189C-0986-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008
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	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.49 U	0.49 U	0.52 U	0.48 U	0.58 U	0.48 U	0.51 U
3-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.49 U	0.52 U	0.48 U	0.58 U	0.48 U	0.51 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.49 U	0.52 U	0.48 U	0.58 U	0.48 U	0.51 U
HMX	µg/L	NS	1800	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	**0.07 J**
Nitrate-Nitrite	mg/L	1	1	**0.02 J**	**0.1 B**	0.1 U	**230 J**	**200 B**	**0.08 JB**	0.1 U
Nitrobenzene	µg/L	NS	3.4	**0.067 J**	0.098 U	0.1 U	**0.079 J**	0.12 U	**0.078 J**	**0.08 JB**
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	**2.3 J**	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.64 U	0.68 U	0.63 U	0.76 U	0.62 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	0.64 U	0.64 U	0.68 U	0.63 U	0.76 U	0.62 U	0.66 U
RDX	µg/L	NS	0.61	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U
Tetryl	µg/L	NS	360	0.098 U	0.098 U	0.1 U	0.097 U	0.12 U	0.096 U	0.1 U

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

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

Station ID				LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010	B12mw-011
Sample ID		MCL	Region 9 PRG	FWGLL12mw-242C-0987-GW	FWGLL12mw-243C-0988-GW	FWGLL12mw-244C-0989-GW	FWGLL12mw-245C-0990-GW	FWGLL12mw-246C-0991-GW	FWGB12mw-010-1002-GW	FWGB12mw-011-1003-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008	10/9/2008
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	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
2,4-Dinitrotoluene	µg/L	NS	73	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
2,6-Dinitrotoluene	µg/L	NS	36	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
2-Nitrotoluene	µg/L	NS	110	0.48 U	0.56 U	0.48 U	0.57 U	0.48 U	0.52 U	0.49 U
3-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.56 U	0.48 U	0.57 U	0.48 U	0.52 U	0.49 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
4-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.56 U	0.48 U	0.57 U	0.48 U	0.52 U	0.49 U
HMX	µg/L	NS	1800	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
Nitrate-Nitrite	mg/L	1	1	**0.2 B**	**0.3 J**	**0.3**	0.1 U	**0.1 B**	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	**0.051 J**	0.11 U	0.097 U	0.11 U	**0.074 J**	0.1 U	0.098 U
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 UJ
Nitroglycerin	µg/L	NS	4.8	0.63 U	0.72 U	0.63 U	0.74 U	0.62 U	0.68 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	0.63 U	0.72 U	0.63 U	0.74 U	0.62 U	0.68 U	0.64 U
RDX	µg/L	NS	0.61	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U
Tetryl	µg/L	NS	360	0.097 U	0.11 U	0.097 U	0.11 U	0.096 U	0.1 U	0.098 U

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

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

Station ID				B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002
Sample ID		MCL	Region 9 PRG	FWGB12mw-012-1004-GW	FWGCBLmw-001-1005-GW	FWGCBLmw-002-1006-GW	FWGCBLmw-003-1007-GW	FWGCBLmw-004-1008-GW	FWGCBPmw-001-1009-GW	FWGCBPmw-002-1010-GW
Date Collected				10/8-9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	**0.046 J**	0.097 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U
2,4-Dinitrotoluene	µg/L	NS	73	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U
2,6-Dinitrotoluene	µg/L	NS	36	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.52 U	0.48 U	0.56 U	0.56 U	0.5 U	0.48 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.52 U	0.48 U	0.56 U	0.56 U	0.5 U	0.48 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.52 U	0.48 U	0.56 U	0.56 U	0.5 U	0.48 U
HMX	µg/L	NS	1800	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 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	0.099 U	0.1 U	0.097 U	0.11 U	**0.056 J**	0.099 U	0.097 U
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.68 U	0.63 U	0.73 U	0.72 U	0.64 U	0.63 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	0.68 U	0.63 U	0.73 U	0.72 U	0.64 U	0.63 U
RDX	µg/L	NS	0.61	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U
Tetryl	µg/L	NS	360	0.099 U	0.1 U	0.097 U	0.11 U	0.11 U	0.099 U	0.097 U

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

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

Station ID				CBPmw-003	CBPmw-004	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-003-1011-GW	FWGCBPmw-004-1012-GW	FWGCBPmw-008-1013-GW	FWGCPmw-001-1014-GW	FWGCPmw-002-1015-GW	FWGCPmw-003-1016-GW	FWGCPmw-004-1017-GW
Date Collected				10/9/2008	10/9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.48 U	0.5 U	0.54 U	0.55 U	0.56 U	0.51 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.5 U	0.54 U	0.55 U	0.56 U	0.51 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.48 U	0.5 U	0.54 U	0.55 U	0.56 U	0.51 U
HMX	µg/L	NS	1800	0.099 U	0.096 UJ	0.1 U	0.11 U	0.11 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	0.099 U	0.096 U	0.1 U	0.11 U	0.11 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 U	0.5 U	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.64 U	0.62 U	0.65 U	0.7 U	0.72 U	0.73 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	0.64 U	0.62 U	0.65 U	0.7 U	0.72 U	0.73 U	0.66 U
RDX	µg/L	NS	0.61	0.099 U	0.096 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U
Tetryl	µg/L	NS	360	0.099 U	0.096 U	0.1 U	0.11 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 October 2008 Explosive and Propellant Analytical Results

Station ID				CPmw-005	CPmw-006	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109
Sample ID		MCL	Region 9 PRG	FWGCPmw-005-1018-GW	FWGCPmw-006-1019-GW	FWGDA2mw-104C-1022-GW	FWGDA2mw-105C-1023-GW	FWGDA2mw-106C-1024-GW	FWGDA2mw-108C-1025-GW	FWGDA2mw-109C-1026-GW
Date Collected				10/9/2008	10/9/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.098 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	**0.043 J**
1,3-Dinitrobenzene	µg/L	NS	3.6	0.098 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.098 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.098 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.098 U	0.1 U	0.11 U	**0.074 J**	0.11 U	**0.065 J**	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.098 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.49 U	0.5 U	0.54 U	0.54 U	0.54 U	0.51 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.5 U	0.54 U	0.54 U	0.54 U	0.51 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.098 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.49 U	0.5 U	0.54 U	0.54 U	0.54 U	0.51 U	0.5 U
HMX	µg/L	NS	1800	0.098 U	0.1 U	0.11 U	0.11 U	0.11 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	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	**0.051 J**
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	0.64 U	0.66 U	0.7 U	0.7 U	0.7 U	0.66 U	0.65 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
PETN	µg/L	NS	NS	0.64 U	0.66 U	0.7 U	0.7 U	0.7 U	0.66 U	0.65 U
RDX	µg/L	NS	0.61	0.098 U	0.1 U	0.11 U	0.11 U	0.11 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.098 U	0.1 U	0.11 U	0.11 U	0.11 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 October 2008 Explosive and Propellant Analytical Results

Station ID				DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	DETmw-003	DETmw-004	EBGmw-123
Sample ID		MCL	Region 9 PRG	FWGDA2mw-110C-1027-GW	FWGDA2mw-111C-1028-GW	FWGDA2mw-112C-1029-GW	FWGDA2mw-113C-1030-GW	FWGDETmw-003C-1020-GW	FWGDETmw-004C-1021-GW	FWGEBGmw-123C-1031-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U
2,4-Dinitrotoluene	µg/L	NS	73	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U
2,6-Dinitrotoluene	µg/L	NS	36	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U
2-Nitrotoluene	µg/L	NS	110	0.48 U	0.5 U	0.54 U	0.54 U	0.52 U	0.52 U	0.48 U
3-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.5 U	0.54 U	0.54 U	0.52 U	0.52 U	0.48 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U
4-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.5 U	0.54 U	0.54 U	0.52 U	0.52 U	0.48 U
HMX	µg/L	NS	1800	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	1	0.097 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	0.096 U	0.099 U	**0.1 J**	0.11 U	0.1 U	0.1 U	**0.065 J**
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.14 UJ	0.13 UJ	0.18 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.62 U	0.64 U	0.7 U	0.71 U	0.68 U	0.67 U	0.63 U
Nitroguanidine	µg/L	NS	NS	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
PETN	µg/L	NS	NS	0.62 U	0.64 U	0.7 U	0.71 U	0.68 U	0.67 U	0.63 U
RDX	µg/L	NS	0.61	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	**0.16**	0.097 U
Tetryl	µg/L	NS	360	0.096 U	0.099 U	0.11 U	0.11 U	0.1 U	0.1 U	0.097 U

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

Table 3-2 FWGWMP October 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-1032-GW	FWGEBGmw-125C-1033-GW	FWGEBGmw-126C-1034-GW	FWGEBGmw-127C-1035-GW	FWGEBGmw-128C-1036-GW	FWGEBGmw-129C-1037-GW	FWGEBGmw-130C-1038-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.48 U	0.5 U	0.48 U	0.47 U	0.48 U	0.48 U	0.52 U
3-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.5 U	0.48 U	0.47 U	0.48 U	0.48 U	0.52 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.5 U	0.48 U	0.47 U	0.48 U	0.48 U	0.52 U
HMX	µg/L	NS	1800	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 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	0.096 U	0.1 U	0.097 U	0.094 U	**0.07 J**	**0.06 J**	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	0.62 U	0.65 U	0.63 U	0.61 U	0.63 U	0.62 U	0.68 U
Nitroguanidine	µg/L	NS	NS	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
PETN	µg/L	NS	NS	0.62 U	0.65 U	0.63 U	0.61 U	0.63 U	0.62 U	0.68 U
RDX	µg/L	NS	0.61	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U
Tetryl	µg/L	NS	360	0.096 U	0.1 U	0.097 U	0.094 U	0.097 U	0.096 U	0.1 U

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

Table 3-2 FWGWMP October 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-166-1039-GW	FWGFBQmw-167-1040-GW	FWGFBQmw-168-1041-GW	FWGFBQmw-169-1042-GW	FWGFBQmw-170-1043-GW	FWGFBQmw-171-1044-GW	FWGFBQmw-172-1045-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.094 J**	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.52 U	0.5 U	0.5 U	0.5 U	0.48 U	0.5 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.52 U	0.5 U	0.5 U	0.5 U	0.48 U	0.5 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.52 U	0.5 U	0.5 U	0.5 U	0.48 U	0.5 U	0.5 U
HMX	µg/L	NS	1800	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.57	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	0.1 U	**0.06 JB**	0.1 U	**0.056 JB**	0.1 U	0.1 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U
Nitroglycerin	µg/L	NS	4.8	0.68 U	0.66 U	0.64 U	0.66 U	0.62 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	0.68 U	0.66 U	0.64 U	0.66 U	0.62 U	0.66 U	0.66 U
RDX	µg/L	NS	0.61	0.1 U	0.1 U	0.099 U	0.1 U	0.095 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.1 U	0.1 U	0.099 U	0.1 U	0.095 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 October 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-173-1046-GW	FWGFBQmw-174-1047-GW	FWGFBQmw-175-1048-GW	FWGFBQmw-176-1049-GW	FWGFBQmw-177-1050-GW	FWGLNWmw-024-1051-GW	FWGLNWmw-025-1052-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.52 UJ	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.52 UJ	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	**0.085 J**	**27 J**	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.52 UJ	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
2,6-Dinitrotoluene	µg/L	NS	36	0.1 U	0.52 UJ	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	**27 J**	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	2.6 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	2.6 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	**0.16**	**30 J**	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	2.6 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
HMX	µg/L	NS	1800	0.1 U	**0.2 J**	0.1 U	0.1 U	0.1 U	0.099 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	**0.073 JB**	0.52 UJ	0.1 U	0.1 U	0.099 JB	**0.054 JB**	**0.052 JB**
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.65 U	3.4 UJ	0.66 U	0.66 U	0.65 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	3.4 UJ	0.66 U	0.66 U	0.65 U	0.64 U	0.64 U
RDX	µg/L	NS	0.61	0.1 U	0.52 UJ	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U
Tetryl	µg/L	NS	360	0.1 U	0.52 UJ	0.1 U	0.1 U	0.1 U	0.099 U	0.099 U

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

Table 3-2 FWGWMP October 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-026-1053-GW	FWGLNWmw-027-1054-GW	FWGMBSmw-001C-1086-GW	FWGMBSmw-002C-1087-GW	FWGMBSmw-003C-1088-GW	FWGMBSmw-004C-1089-GW	FWGMBSmw-005C-1090-GW
Date Collected				10/8/2008	10/8/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.099 U	0.12 U	0.1 U	0.099 U	0.097 U	0.11 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.099 U	0.12 U	0.1 U	0.099 U	0.097 U	0.11 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.099 U	0.12 U	0.1 U	0.099 U	0.097 U	0.11 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.099 U	0.12 U	0.1 U	0.099 U	0.097 U	0.11 U
2,6-Dinitrotoluene	µg/L	NS	36	0.07 J	0.099 U	0.12 U	0.1 U	0.099 U	0.097 U	0.11 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.099 U	0.12 U	0.1 U	0.099 U	0.097 U	0.11 U
2-Nitrotoluene	µg/L	NS	110	0.51 U	0.5 U	0.58 U	0.51 U	0.5 U	0.48 U	0.56 U
3-Nitrotoluene	µg/L	NS	3.2	0.51 U	0.5 U	0.58 U	0.51 U	0.5 U	0.48 U	0.56 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.099 U	0.12 U	0.1 U	0.099 U	0.097 U	0.11 U
4-Nitrotoluene	µg/L	NS	3.2	0.51 U	0.5 U	0.58 U	0.51 U	0.5 U	0.48 U	0.56 U
HMX	µg/L	NS	1800	0.1 U	0.099 U	0.12 U	0.1 U	0.099 U	0.097 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	**0.093 JB**	0.099 U	0.12 U	0.1 U	0.1 U	0.097 U	0.11 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.66 U	0.64 U	0.75 U	0.66 U	0.67 U	0.63 U	0.73 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 UJ	20 UJ	20 U	20 UJ	20 UJ
PETN	µg/L	NS	NS	0.66 U	0.64 U	0.75 U	0.66 U	0.67 U	0.63 U	0.73 U
RDX	µg/L	NS	0.61	0.1 U	0.099 U	0.12 U	0.1 U	0.1 U	0.097 U	0.11 U
Tetryl	µg/L	NS	360	0.1 U	0.099 U	0.12 U	0.1 U	0.1 U	0.097 U	0.11 U

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

Table 3-2 FWGWMP October 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-1091-GW	FWGNTAmw-107C-1055-GW	FWGNTAmw-108C-1056-GW	FWGNTAmw-109C-1057-GW	FWGNTAmw-110C-1058-GW	FWGNTAmw-111C-1059-GW	FWGNTAmw-112C-1060-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
2,4-Dinitrotoluene	µg/L	NS	73	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.062 J**	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
2-Nitrotoluene	µg/L	NS	110	0.48 U	0.48 U	0.48 U	0.48 U	0.52 U	0.5 U	0.56 U
3-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.48 U	0.48 U	0.48 U	0.52 U	0.5 U	0.56 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
4-Nitrotoluene	µg/L	NS	3.2	0.48 U	0.48 U	0.48 U	0.48 U	0.52 U	0.5 U	0.56 U
HMX	µg/L	NS	1800	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 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	**0.061 J**	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
Nitrocellulose	mg/L	NS	NS	0.5 U	**0.14 J**	0.5 UJ	**0.14 J**	0.5 UJ	**0.14 J**	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.62 U	0.62 U	0.62 U	0.62 U	0.68 U	0.66 U	0.73 U
Nitroguanidine	µg/L	NS	NS	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
PETN	µg/L	NS	NS	0.62 U	0.62 U	0.62 U	0.62 U	0.68 U	0.66 U	0.73 U
RDX	µg/L	NS	0.61	0.095 U	0.096 U	0.096 U	0.096 U	0.1 U	0.1 U	0.11 U
Tetryl	µg/L	NS	360	0.095 U	0.096 U	0.096 U	0.096 U	0.1 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 October 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-1061-GW	FWGNTAmw-114C-1062-GW	FWGNTAmw-115C-1063-GW	FWGNTAmw-116C-1064-GW	FWGNTAmw-117C-1065-GW	FWGNTAmw-118C-1066-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
2,4-Dinitrotoluene	µg/L	NS	73	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.074 J**	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
2-Nitrotoluene	µg/L	NS	110	0.56 U	0.5 U	0.48 U	0.5 U	0.48 U	0.5 U
3-Nitrotoluene	µg/L	NS	3.2	0.56 U	0.5 U	0.48 U	0.5 U	0.48 U	0.5 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
4-Nitrotoluene	µg/L	NS	3.2	0.56 U	0.5 U	0.48 U	0.5 U	0.48 U	0.5 U
HMX	µg/L	NS	1800	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.11 U	0.1 U	0.097 U	0.099 U	**0.086 J**	0.099 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.73 U	0.66 U	0.63 U	0.64 U	0.62 U	0.64 U
Nitroguanidine	µg/L	NS	NS	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
PETN	µg/L	NS	NS	0.73 U	0.66 U	0.63 U	0.64 U	0.62 U	0.64 U
RDX	µg/L	NS	0.61	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U
Tetryl	µg/L	NS	360	0.11 U	0.1 U	0.097 U	0.099 U	0.096 U	0.099 U

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

Table 3-2 FWGWMP October 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-1067-GW	FWGRQLmw-008C-1068-GW	FWGRQLmw-009C-1069-GW	FWGRQLmw-012C-1071-GW	FWGRQLmw-013C-1071-GW	FWGRQLmw-014C-1072-GW	FWGRQLmw-015C-1073-GW
Date Collected				10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
2,6-Dinitrotoluene	µg/L	NS	36	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
2-Nitrotoluene	µg/L	NS	110	0.51 U	0.5 U	0.54 U	0.55 U	0.48 U	0.48 U	0.48 U
3-Nitrotoluene	µg/L	NS	3.2	0.51 U	0.5 U	0.54 U	0.55 U	0.48 U	0.48 U	0.48 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
4-Nitrotoluene	µg/L	NS	3.2	0.51 U	0.5 U	0.54 U	0.55 U	0.48 U	0.48 U	0.48 U
HMX	µg/L	NS	1800	0.1 U	0.099 U	0.11 U	**0.052 J**	0.096 U	0.096 U	0.097 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	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U
Nitrocellulose	mg/L	NS	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.66 U	0.64 U	0.71 U	0.72 U	0.62 U	0.62 U	0.63 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	0.66 U	0.64 U	0.71 U	0.72 U	0.62 U	0.62 U	0.63 U
RDX	µg/L	NS	0.61	0.1 U	0.099 U	0.11 U	**0.17**	0.096 U	0.096 U	0.097 U
Tetryl	µg/L	NS	360	0.1 U	0.099 U	0.11 U	0.11 U	0.096 U	0.096 U	0.097 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

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

Station ID				RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011	WBGmw-012
Sample ID		MCL	Region 9 PRG	FWGRQLmw-016C-1074-GW	FWGRQLmw-017C-1075-GW	FWGWBGmw-005C-1076-GW	FWGWBGmw-008C-1077-GW	FWGWBGmw-010C-1078-GW	FWGWBGmw-011C-1079-GW	FWGWBGmw-012C-1080-GW
Date Collected				10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,3,5-Trinitrobenzene	µg/L	NS	1100	**0.048 J**	0.11 U	0.1 U	0.097 U	0.098 U	0.1 U	0.1 U
1,3-Dinitrobenzene	µg/L	NS	3.6	0.1 U	0.11 U	0.1 U	0.097 U	0.098 U	0.1 U	0.1 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.1 U	0.11 U	0.1 U	0.097 U	0.098 U	0.1 U	0.1 U
2,4-Dinitrotoluene	µg/L	NS	73	0.1 U	0.11 U	0.1 U	0.097 U	0.098 U	0.1 U	0.1 U
2,6-Dinitrotoluene	µg/L	NS	36	**0.066 J**	0.11 U	0.1 U	0.097 U	0.098 U	**0.06 J**	0.1 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	0.1 U	0.11 U	0.1 U	0.097 U	0.098 U	0.1 U	0.1 U
2-Nitrotoluene	µg/L	NS	110	0.5 U	0.54 U	0.5 U	0.48 U	0.49 U	0.5 U	0.52 U
3-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.54 U	0.5 U	0.48 U	0.49 U	0.5 U	0.52 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	0.1 U	0.11 U	0.1 U	0.097 U	0.098 U	0.1 U	0.1 U
4-Nitrotoluene	µg/L	NS	3.2	0.5 U	0.54 U	0.5 U	0.48 U	0.49 U	0.5 U	0.52 U
HMX	µg/L	NS	1800	0.1 U	0.11 U	0.1 U	0.097 U	0.098 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	0.1 U	0.11 U	0.1 U	0.097 U	0.098 U	**0.077 J**	0.1 U
Nitrocellulose	mg/L	NS	NS	0.5 U	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	0.7 U	0.66 U	0.63 U	0.64 U	0.65 U	0.67 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	0.7 U	0.66 U	0.63 U	0.64 U	0.65 U	0.67 U
RDX	µg/L	NS	0.61	0.1 U	0.11 U	0.1 U	0.097 U	0.098 U	0.1 U	0.1 U
Tetryl	µg/L	NS	360	0.1 U	0.11 U	0.1 U	0.097 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 October 2008 Explosive and Propellant Analytical Results

Station ID				WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-013C-1081-GW	FWGWBGmw-014C-1082-GW	FWGWBGmw-015C-1083-GW	FWGWBGmw-016C-1084-GW	FWGWBGmw-017C-1085-GW
Date Collected				10/8/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
Sample Type				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	**0.078 JB**
1,3-Dinitrobenzene	µg/L	NS	3.6	0.11 U	0.1 U	0.1 U	0.1 U	0.097 U
2,4,6-Trinitrolouene	µg/L	NS	2.2	0.11 U	0.1 U	0.1 U	0.1 U	0.097 U
2,4-Dinitrotoluene	µg/L	NS	73	0.11 U	0.1 U	0.1 U	0.1 U	0.097 U
2,6-Dinitrotoluene	µg/L	NS	36	0.11 U	0.1 U	0.1 U	0.1 U	0.097 U
2-Amino-4,6-dinitrotoluene	µg/L	NS	NS	**0.61**	0.1 U	0.1 U	0.1 U	0.097 U
2-Nitrotoluene	µg/L	NS	110	0.55 U	0.5 U	0.52 U	0.5 U	0.48 U
3-Nitrotoluene	µg/L	NS	3.2	0.55 U	0.5 U	0.52 U	0.5 U	0.48 U
4-Amino-2,6-Dinitrotoluene	µg/L	NS	NS	**0.36**	0.1 U	0.1 U	0.1 U	0.097 U
4-Nitrotoluene	µg/L	NS	3.2	0.55 U	0.5 U	0.52 U	0.5 U	0.48 U
HMX	µg/L	NS	1800	0.11 U	0.1 U	0.1 U	0.1 U	0.097 U
Nitrate-Nitrite	mg/L	1	1	N/A	N/A	N/A	N/A	N/A
Nitrobenzene	µg/L	NS	3.4	0.11 U	0.1 U	**0.094 J**	0.1 U	0.097 U
Nitrocellulose	mg/L	NS	NS	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ
Nitroglycerin	µg/L	NS	4.8	0.72 U	0.65 U	0.68 U	0.66 U	0.63 U
Nitroguanidine	µg/L	NS	NS	20 U	20 U	20 U	20 U	20 U
PETN	µg/L	NS	NS	0.72 U	0.65 U	0.68 U	0.66 U	0.63 U
RDX	µg/L	NS	0.61	0.11 U	0.1 U	0.1 U	0.1 U	0.097 U
Tetryl	µg/L	NS	360	0.11 U	0.1 U	0.1 U	0.1 U	0.097 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-2 FWGWMP October 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, mercury, nickel, potassium, selenium, 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 (2,700 µg/L), LL3mw-235 (69.9 µg/L**)**, LL5mw-002 (20.3 µg/L J), LL12mw-128 (546 µg/L J), CBLmw-001 (23.1 µg/L J), CBLmw-002 (21.6 µg/L J), CBLmw-003 (21.6 µg/L J), FBQmw-170 (27.8 µg/L J), RQLmw-012 (1,400 µg/L), RQLmw-013 (4,120 µg/L), RQLmw-017 (136 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone – LL12mw-185 (61.3 µg/L J B), LL12mw-188 (121 µg/L J B), LL12mw-242 (922 µg/L J), B12mw-010 (30.2 µg/L J), CBPmw-002 (72.4 µg/L J), CPmw-002 (20.1 µg/L J), CPmw-006 (51.9 µg/L J), DA2mw-105 (22.2 µg/L J), DETmw-004 (24.4 µg/L J), LNWmw-024 (27.9 µg/L J), MBSmw-002 (23.4 (µg/L J), MBSmw-003 (25.3 µg/L J), MBSmw-005 (126 µg/L J), MBSmw-006 (19.7 µg/L J), NTAmw-108 (207 µg/L J), NTAmw-110 (707 µg/L J), NTAmw-114 (19.4 µg/L), NTAmw-118 (21.1 µg/L J), WBGmw-011 (48.1 µg/L J), WBGmw-017 (40.3 µg/L J). The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
  There MCL for aluminum is 200 µg/L. The Region 9 PRG is 36,000 µg/L.

Antimony

- Bedrock Zone – LL1mw-063 (0.48 µg/L J), LL3mw-240 (0.52 µg/L J), LL3mw-243 (0.32 µg/L J), LL12mw-113 (0.35 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone – LL12mw-243 (0.15 µg/L J), LL12mw-244 (0.33 µg/L J), CPmw-001 (0.49 µg/L J), DETmw-004 (0.16 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-063 (5.6 µg/L), LL2mw-261 (19.1 µg/L), LL2mw-264 (5.4 µg/L J), LL2mw-268 (5.2 µg/L), LL5mw-002 (3.2 J B), (LL12mw-113 (7.3 µg/L), LL12mw-189 (11.1 µg/L J), FBQmw-168 (5 µg/L), RQLmw-007 (51.7 µg/L), RQLmw-008 (50.4 µg/L), RQLmw-009 (22.7 µg/L). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone –LL12mw-088 (13.8 µg/L), LL12mw-107 (15.1 µg/L), LL12mw-128 (47.6 µg/L), LL12mw-154 (24.7 µg/L), LL12mw-184 (18.4 µg/L), LL12mw-188 (4.5 µg/L J), LL12mw-242 (18.3 µg/L), LL12mw-243 (12 µg/L), LL12mw-245 (20.4 (20.4 µg/L), LL12mw-246 (14.6 µg/L), CBPmw-001 (78.6 µg/L), CBPmw-002 (20.4 µg/L), CBPmw-003 (26.3 µg/L), CBPmw-004 (50.1 µg/L), CPmw-005 (35.9 µg/L), EBGmw-123 (51.7 µg/L J), EBGmw-124 (58 µg/L J), EBGmw-125 (17.5 µg/L J), EBGmw-126 (23 µg/L J), EBGmw-127 (15 µg/L J), EBGmw-128 (18 µg/L J), NTAmw-107 (13.5 µg/L), NTAmw-110 (20.3 µg/L), WBGmw-005 (21.9 µg/L B). 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 (383 µg/L J), LL12mw-187 (339 µg/L), LL12mw-244 (120 µg/L), CPmw-003 (83.7 µg/L), CPmw-005 (142 µg/L), EBGmw-123 (186 µg/L), EBGmw-124 (178 µg/L), EBGmw-126 (237 µg/L), EBGmw-127 (371 µg/L), LNWmw-026 (101 µg/L), MBSmw-001 (112 µg/L), MBSmw-002 (113 µg/L), NTAmw-107 (107 µg/L), NTAmw-110 (153 µg/L), NTAmw-114 (85.9 µg/L). 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: - None. The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone: - None. 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-063 (0.2 µg/L J), LL2mw-270 (0.25 µg/L J), LL12mw-113 (0.28 µg/L J), CBLmw-002 (0.17 µg/L J), FBQmw-169

(0.81 µg/L J), RQLmw-012 (0.67 µg/L), RQLmw-017 (0.22 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.

- Unconsolidated Zone: - LL12mw-184 (0.16 µg/L J), LL12mw-185 (0.23 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: - LL1mw-063 (6.6 µg/L), LL2mw-268 (2.2 µg/L J), LL5mw-006 (3.3 µg/L J**)**, FBQmw-173 (3.6 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone: - None.

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 (11.1 µg/L), Ll1mw-079 (2.4 µg/L J), LL2mw-265 (7 µg/L), LL2mw-270 (5.9 µg/L), LL12mw-113 (7.1 µg/L), FBQmw-169 (14.7 µg/L), FBQmw-173 (2.8 µg/L J) RQLmw-007 (5.6 µg/L), RQLmw-009 (6.9 µg/L), RQLmw-012 (7.6 µg/L), RQLmw-013 (36.5 µg/L), RQLmw-015 (1.7 µg/L J), RQLmw-016 (9.4 µg/), RQLmw-017 (13.4 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone: - LL4mw-195 (3.7 µg/L J), LL12mw-107 (2.7 µg/L J), LL12mw-185 (3 µg/L J), LL12mw-187 (10.9 µg/L J), LL12mw-188 (2.2 µg/L J), LL12mw-245 (2 µg/L J), DA2mw-104 (3.3 µg/L J), DA2mw-106 (3.6 µg/L), EBGmw-124 (6.6 µg/L), LNWmw-025 (1.9 µg/L J), NTAmw-108 (3.3 µg/L J), NTAmw-109 (1.8 µg/L J), WBGmw-005 (11.7 µg/L). 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: - Ll1mw-063 (6.1 µg/L). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.

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

- Unconsolidated Zone: - None. The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.

The MCL is 1,300 µg/L. The Region 9 PRG is 1,500 µg/L.

Cyanide

- Bedrock Zone: - LL5mw-002 (0.0079 µg/L J), CBLmw-001 (0.007 µg/L J), FBQmw-175 (0.01 µg/L J B). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 mg/L.
- Unconsolidated Zone: - WBGmw-014 (0.0089 µg/L J). 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: - LL1mw-063 (9.4 µg/L). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone: - None. 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: - LL3mw-233 (1,410 µg/L), LL3mw-234 (2,180 µg/L), LL12mw-113 (2,800 µg/L), **),** FBQmw-169 (7,680 µg/L), FBQmw-172 (2,460 µg/L), RQLmw-007 (1,810 µg/L J), RQLmw-009 (2,340 µg/L), RQLmw-014 (2,480 µg/L), RQLmw-016 (7,590 µg/L J), RQLmw-017 (3,360 µg/L. The Groundwater Bedrock Zone Background Criteria (filtered) is 1,340 µg/L.
- Unconsolidated Zone: - LL4mw-195 (3,800 µg/L). LL12mw-185 (1,640 µg/L), LL12mw-187 (2,260 µg/L), CPmw-006 (1,770 µg/L), DA2mw-106 (3,180 µg/L), FBQmw-167 (2,050 µg/L), FBQmw-176 (1,500 µg/L), FBQmw-177 (1,340 µg/L J), LNWmw-024 (0.2 µg/L), LNWmw-025 (0.2 µg/L), LNWmw-026 (0.2 µg/L), NTAmw-112 (1,070µg/L), WBGmw-012 (0.2 µg/L). 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.

Mercury

- Bedrock Zone; - LL2mw-270 (0.18 µg/L J), LL12mw-189 (0.2 µg/L**)**, CBLmw-001 (0.13 µg/L J), CBLmw-003(0.18 µg/L J), FBQmw-169 (0.2 µg/L), FBQmw-171 (0.14 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone: - B12mw-001 (0.2 µg/L), FBQmw-176 (0.2 µg/L), MBSmw-006 (0.12 µg/L J).The Groundwater Unconsolidated Zone Background Criteria (filtered) is 0 µg/L.
- The MCL for mercury is 2 µg/L. The Region 9 PRG is 11 µg/L.

Nickel

- Bedrock Zone: - None. The Groundwater Bedrock Zone Background Criteria (filtered) is 83.4 µg/L.
- Unconsolidated Zone: - LL12mw-088 (3.8 µg/L J), LL12mw-185 (6.8 µg/L J), LL12mw-187 (16.9 µg/L), LL12mw-188 (4.8 µg/L J), B12mw-010 (18.2 µg/L), DA2mw-106 (9.9 µg/L J), DA2mw-111 (11.2 µg/L), DETmw-004 (3.5 µg/L), EBGmw-124 (10.4 µg/L), FBQmw-167 (10.3 µg/L), FBQmw-169 (19.3 µg/L). 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: - LL5mw-002 (4.7 µg/ J).
The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.

- Unconsolidated Zone: - LB12mw-010 (4.7 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.

Thallium

- Bedrock Zone: - RQLmw-016 (1 µg/L). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L
- Unconsolidated Zone: - None. 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: - LL1mw-063 (3.5 µg/L J), RQLmw-008 (0.68 µg/L J). The Groundwater Bedrock Zone Background Criteria (filtered) is 0 µg/L.
- Unconsolidated Zone: - EBGmw-126 (0.68 µg/L J), NTAmw-109 (0.73 µg/L J), NTAmw-110 (1.7 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: -. RQLmw-012 (54.8 µg/L), RQLmw-013 (246 µg/L), RQLmw-017 (209 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.

Several inorganic compounds were detected at levels exceeding the MCLs and/or Region 9 PRGs. These included aluminum, manganese, arsenic, and iron for wells from all areas sampled. Table 4-1 in Section 4 presents a summary of all inorganic compounds and the associated wells that had detections exceeding MCLs or the Region 9 PRGs.

It should be noted that the facility-wide groundwater conditions are still being evaluated, including background levels for all inorganic compounds. This will also include an evaluation of arsenic as it relates to exceedances of the MCL. No remedial activities associated with the groundwater are planned until all groundwater wells have completed a minimum of 4 quarters of sampling. It is suggested that this issue be further discussed at the annual groundwater summit meeting in 2009.

Table 3-3 FWGWMPP October 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-0955-GF	FWGLL1mw-064C-0956-GF	FWGLL1mw-065C-0957-GF	FWGLL1mw-079C-0958-GF	FWGLL2mw-060C-0959-GF	FWGLL2mw-261C-0960-GF	FWGLL2mw-264C-0961-GF	FWGLL2mw-265C-0962-GF
Date Collected				10/6-10/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	**2700**	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	**0.48 J**	2 U	2 U	2 U	0.17 UJ	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**5.6**	**4.9 J**	**4.7 J**	5 U	5 U	**19.1**	**5.4**	5 U
Barium	µg/L	2000	2600	**35.7**	**50.4**	**55.6**	**4.4 J**	**20.9**	**20**	**7.2 J**	**8.5 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	**0.2 J**	0.5 U	0.5 U	0.18 UJ	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**4350**	**57000**	**84900**	**31200**	**37100**	**59200**	**48400**	**65400**
Chromium	µg/L	100	NS	**6.6**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	**11.1**	5 U	5 U	**2.4 J**	5 U	5 U	5 U	**7**
Copper	µg/L	1300	1500	**6.1**	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	**6180**	**601 J**	**150 JB**	50 U	50 U	**2570 J**	**458 JB**	**4250 J**
Lead	µg/L	15	NS	**9.4**	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**5380**	**9730**	**20200**	**16400**	**9900**	**21500**	**17300**	**22900**
Manganese	µg/L	50	880	**318**	**129**	**348**	**89.7**	**9.2 J**	**370**	**304**	**831**
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	**44.2**	10 U	10 U	**12.9 J**	10 U	**4.4 J**	10 U	**18.4 J**
Potassium	µg/L	NS	NS	**1870 J**	703 UJB	**957 J**	**2680 J**	489 UJB	**1140 J**	623 UJB	687 UJB
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	**5090**	**10700**	**10200**	**6750**	**2190**	**11100**	**7310**	**8450**
Thallium	µg/L	2	2.4	0.31 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	**3.5 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**102**	10 U	**5 JB**	**37.7 J**	**4.2 JB**	10 U	**3.2 JB**	10 UJ

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-0963-GF	FWGLL2mw-270C-0964-GF	FWGLL3mw-232C-0965-GF	FWGLL3mw-233C-0966-GF	FWGLL3mw-234C-0967-GF	FWGLL3mw-235C-0968-GF	FWGLL3mw-237C-0969-GF	FWGLL3mw-240C-0970-GF
Date Collected				10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/7-9/2008	10/7/2008	10/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	50 U	50 U	50 U	50 U	50 U	**69.9**	50 U	50 U
Antimony	µg/L	6	15	0.14 UJ	0.16 UJ	2 U	2 U	2 U	2 U	2 U	**0.52 J**
Arsenic	µg/L	10	0.045	**5.2**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	µg/L	2000	2600	**34.1**	**12.7**	**27.2**	**30**	**10.5**	**3.4 J**	**2.2 JB**	**11.1**
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	**0.25 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**53200**	**43900**	**59200**	**40300**	**50700**	**33200**	**35900**	**24100**
Chromium	µg/L	100	NS	**2.2 J**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	**5.9**	5 U	3.6 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	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U	0.01 U
Iron	µg/L	300	11000	**2790 J**	**765 J**	**150 JB**	**6660 J**	**748 J**	**234**	50 U	42.8 UJB
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	**22900**	**16700**	**38500**	**16300**	**20500**	**14800**	**12500**	**8340**
Manganese	µg/L	50	880	**331**	**407**	**345**	**1410**	**2180**	**29.7 J**	**26.7**	**3 JB**
Mercury	µg/L	2	11	0.2 U	**0.18 J**	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	**11.6 J**	**8 J**	**28.5 J**	**8.6 J**	10 U	10 U	**4.4 J**
Potassium	µg/L	NS	NS	**1300 J**	**1120 J**	**3670 J**	**1820 J**	**1810 J**	**888 J**	**1690 J**	**790 JB**
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	**10300**	**2460**	**8130**	**7330**	**8870**	**9010**	**4070**	**3850**
Thallium	µg/L	2	2.4	0.3 UJ	0.3 UJ	1 U	0.32 UJ	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	**9.7 JB**	**6.2 JB**	**8.8 JB**	**18.8 J**	10 U	**16.2 JB**	**6.1 JB**	**2.4 JB**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-0971-GF	FWGLL3mw-243C-0972-GF	FWGLL4mw-193C-0973-GF	FWGLL4mw-194C-0974-GF	FWGLL4mw-195C-0975-GF	FWGLL4mw-200C-0976-GF	FWGLL5mw-001C-0992-GF	FWGLL5mw-002C-0993-GF
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/6/2008	10/6/2008	10/10/2008	10/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	50 U	50 U	50 U	50 U	50 U	50 U	50 U	**20.3 J**
Antimony	µg/L	6	15	2 U	**0.32 J**	0.15 UJ	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 U	5 U	**5.4**	5 U	5 U	5 U	5 U	**3.2 JB**
Barium	µg/L	2000	2600	**2.3 JB**	**17.8**	**49.6**	**49**	**32.6**	**11**	**28.5**	**53**
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	**19600**	**17400**	**112000**	**107000**	**231000**	**167000**	**61400**	**64100**
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	**3.7 J**	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	0.01 U	0.01 U	0.01 UJ	**0.0079 J**
Iron	µg/L	300	11000	28.2 UJB	50 U	44.5 UJB	**93.3 B**	**8330 J**	50 U	50 U	**176**
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	**8600**	**6850**	**34700**	**32500**	**62800**	**51400**	**24300**	**20700**
Manganese	µg/L	50	880	**1.5 JB**	**0.91 JB**	**344**	**374**	**3800**	**13.3**	**1.5 JB**	**158**
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	**3.5 J**	10 U	10 U	10 U	10 U	10 U	10 U
Potassium	µg/L	NS	NS	716 UJB	**1130 J**	**994 J**	**1650 J**	**1190 J**	576 UJB	**1300 J**	**1110 B**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**4.7 J**
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	**3700**	**2710**	**10100**	**14400**	**9460**	**7810**	**8830**	**11900**
Thallium	µg/L	2	2.4	1 U	0.16 UJ	1 U	0.2 UJ	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	**5.9 JB**	**7.5 JB**	**2.5 JB**	**4.2 JB**	**5.5 JB**	10 U	**8.2 JB**	**7.2 JB**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 2008 Inorganics Analytical Results

Station ID				LL5mw-003	LL5mw-004	LL5mw-005	LL5mw-006	LL6mw-001	LL6mw-002	LL6mw-003	LL6mw-004
Sample ID		MCL	Region 9 PRG	FWGLL5mw-003C-0994-GF	FWGLL5mw-004C-0995-GF	FWGLL5mw-005C-0996-GF	FWGLL5mw-006C-0997-GF	FWGLL6mw-001C-0998-GF	FWGLL6mw-002-0829-GF	FWGLL6mw-003-0830-GF	FWGLL6mw-004-0954-GF
Date Collected				10/10/2008	10/10/2008	10/13/2008	10/10/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	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 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	µg/L	2000	2600	**23.6**	**24.1**	**10.7**	**17.2**	**15.3**	**22.7**	**6.7 J**	**37.3**
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	**109000**	**69000**	**69900**	**66000**	**68800**	**134000**	**70200**	**78500**
Chromium	µg/L	100	NS	5 U	5 U	5 U	**3.3 JB**	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 U	0.01 UJ	0.01 U	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	50 U	50 U	50 U	50 U	50 U	50 U	35.8 UJB	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	**26700**	**26500**	**28800**	**36300**	**36400**	**29000**	**33400**	**39400**
Manganese	µg/L	50	880	10 U	10 U	**333**	**7 J**	**0.55 J**	**1.3 JB**	**84.7**	**0.9 JB**
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	10 U	10 U	10 U
Potassium	µg/L	NS	NS	450 UJB	534 UJB	**1780 J**	**1060 J**	**1430 J**	**939 J**	**2130 J**	**1270 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	**3610**	**8480**	**7670**	**6080**	**7720**	**2930**	**13100**	**13400**
Thallium	µg/L	2	2.4	1 U	1 U	0.29 UJB	1 UJ	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	**3.3 JB**	10 U	5.3 UJB	**11.5 JB**	**11.2 B**	**13.7 B**	10 U	4.2 UJB

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 2008 Inorganics Analytical Results

Station ID				LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128	LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187
Sample ID		MCL	Region 9 PRG	FWGLL12mw-088C-0977-GF	FWGLL12mw-107C-0978-GF	FWGLL12mw-113C-0979-GF	FWGLL12mw-128C-0980-GF	FWGLL12mw-154C-0981-GF	FWGLL12mw-184C-0982-GF	FWGLL12mw-185C-0983-GF	FWGLL12mw-187C-0984-GF
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	50 U	50 U	50 U	**546 J**	50 U	50 U	**61.3 JB**	50 U
Antimony	µg/L	6	15	2 U	2 U	**0.35 J**	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**13.8**	**15.1**	**7.3**	**47.6**	**24.7**	**18.4**	5 U	5 U
Barium	µg/L	2000	2600	**383**	**30.6**	**25**	**52.8**	**51.5**	**8.4 J**	**53.3**	**339**
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	**0.28 J**	0.5 U	0.5 U	**0.16 J**	**0.23 JB**	0.5 U
Calcium	µg/L	NS	NS	**163000**	**186000**	**293000**	**179000**	**145000**	**210000**	**667000**	**1020000**
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	**2.7 J**	**7.1**	5 U	5 U	5 U	**3 J**	**10.9**
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	**1700**	**2700**	**371**	**5650**	**2440**	**2940**	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	**57200**	**77500**	**125000**	**106000**	**66800**	**155000**	**298000**	**328000**
Manganese	µg/L	50	880	**392**	**311**	**2800**	**192**	**80.7**	**498**	**1640**	**2260**
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	**3.8 J**	10 U	**14.1**	10 U	10 U	10 U	**6.8 J**	**16.9**
Potassium	µg/L	NS	NS	**2890 J**	**2280 J**	**8330 J**	**2010 J**	**1820 J**	**2390 J**	**7720 J**	**52700 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	**13800**	**18500**	**29600**	**21600**	**22400**	**37600**	**54800**	**37100**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.55 UJ
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	**5.4 JB**	**3.2 JB**	**8.1 JB**	**17.4 B**	**3.6 JB**	**6.6 JB**	**21.2 B**	**7.7 JB**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 2008 Inorganics Analytical Results

Station ID				LL12mw-188	LL12mw-189	LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010
Sample ID		MCL	Region 9 PRG	FWGLL12mw-188C-0985-GF	FWGLL12mw-189C-0986-GF	FWGLL12mw-242C-0987-GF	FWGLL12mw-243C-0988-GF	FWGLL12mw-244C-0989-GF	FWGLL12mw-245C-0990-GF	FWGLL12mw-246C-0991-GF	FWGB12mw-010C-1002-GF
Date Collected				10/7/2008	10/8/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	**121 JB**	50 U	**922 J**	50 U	50 U	50 U	50 U	**30.2 J**
Antimony	µg/L	6	15	2 U	2 U	2 U	**0.15 J**	**0.33 J**	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**4.5 J**	**11.1 J**	**18.3**	**12**	**8.2**	**20.4**	**14.6**	5 U
Barium	µg/L	2000	2600	**40.1**	**16.7**	**31.7**	**31.7**	**120**	**33.7**	**37.8**	10 U
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	**194000**	**145000**	**69100**	**134000**	**88100**	**134000**	**92300**	**9570**
Chromium	µg/L	100	NS	**2.6 J**	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	**2.2 J**	5 U	5 U	5 U	5 U	**2 J**	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 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**1640**	**1960 J**	**3950**	**1150**	**46.3 JB**	**994**	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	**124000**	**67700**	**45400**	**90100**	**27400**	**65700**	**50900**	**7870**
Manganese	µg/L	50	880	**1010 J**	**283**	**98.2**	**813**	**148**	**163**	**28**	**58.8 J**
Mercury	µg/L	2	11	0.2 U	**0.2**	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	**4.8 J**	10 U	10 U	10 U	10 U	10 U	10 U	**18.2**
Potassium	µg/L	NS	NS	**2560 J**	**1840 J**	**1910 J**	**3080 J**	**1800 J**	**2700 J**	**6140 J**	**1070 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	5 U	5 U	5 U	5 U	**4.7 J**
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**	**48100**	**26000**	**24000**	**9080**	**21600**	**23300**	**5200**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	0.16 UJ	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	**5.9 JB**	10 U	**10.2 B**	**6.1 JB**	**7.9 JB**	**3.9 JB**	10 U	**26.2 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 2008 Inorganics Analytical Results

Station ID				B12mw-011	B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002
Sample ID		MCL	Region 9 PRG	FWGB12mw-011C-1003-GF	FWGB12mw-012C-1004-GF	FWGCBLmw-001C-1005-GF	FWGCBLmw-002C-1006-GF	FWGCBLmw-003C-1007-GF	FWGCBLmw-004C-1008-GF	FWGCBPmw-001C-1009-GF	FWGCBPmw-002C-1010-GF
Date Collected				10/9/2008	10/8-9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	50 U	50 U	**23.1 J**	**21.6 J**	**21.6 J**	50 U	50 U	**72.4**
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	5 U	**78.6**	**20.4**
Barium	µg/L	2000	2600	**2.1 J**	**7 J**	**34.5**	**62**	**52.4 J**	**13.4 J**	**6.6 J**	**9.2 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	**0.17 J**	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**13700**	**38800**	**2840**	**7020**	**7740 J**	**7700 J**	**329000**	**162000**
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	1.9 UJ	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	**0.007 J**	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	50 U	50 U	50 U	50 U	36.3 UJ	50 U	**8520**	**1470**
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	**10400**	**28800**	**1830**	**4590**	**4290**	**2760**	**171000**	**103000**
Manganese	µg/L	50	880	**70.7**	**1.5 JB**	**5.2 J**	**10.5 JB**	**4.4 JB**	**9.2 J**	**92.2**	**138**
Mercury	µg/L	2	11	**0.2**	0.2 U	**0.13 J**	0.2 U	**0.18 J**	0.2 U	0.2 U	0.2 U
Nickel	µg/L	NS	730	10 U	10 U	**5.2 J**	**9.9 J**	**7.4 J**	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**1590 J**	**1980 J**	**780 JB**	**1330 J**	**999 J**	**1770 J**	**7360 J**	**3220 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	**5550**	**17300**	**1000 U**	**1630**	**996 J**	**1940**	**59400**	**49700**
Thallium	µg/L	2	2.4	1 U	0.16 UJ	0.16 UJB	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	**10**	**13.4 JB**	**8.7 JB**	**34.9 J**	**11.8 B**	**9.4 JB**	**3.8 JB**	**3.8 JB**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 2008 Inorganics Analytical Results

Station ID				CBPmw-003	CBPmw-004	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004	CPmw-005
Sample ID		MCL	Region 9 PRG	FWGCBPmw-003C-1011-GF	FWGCBPmw-004C-1012-GF	FWGCBPmw-008C-1013-GF	FWGCPmw-001C-1014-GF	FWGCPmw-002C-1015-GF	FWGCPmw-003C-1016-GF	FWGCPmw-004C-1017-GF	FWGCPmw-005C-1018-GF
Date Collected				10/9/2008	10/9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	50 U	50 U	50 U	50 U	**20.1 J**	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	**0.49 J**	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**26.3**	**50.1**	5 U	5 U	5 U	**9.5**	5 U	**35.9**
Barium	µg/L	2000	2600	**14**	**62.7**	**10.6**	**73.6**	**38.2**	**83.7**	**27**	**142**
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	**142000**	**68300**	**204000**	**73000**	**81000**	**42700**	**74800**	**57100**
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	1.8 UJ	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 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	**2400**	**1760**	**97.8**	50 U	**74.1**	**600**	50 U	**683**
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	**83600**	**32200**	**88300**	**16200**	**24400**	**7700**	**27500**	**24100**
Manganese	µg/L	50	880	**153**	**40.7**	**27.5**	**7.1 JB**	**241**	**216**	**89.5 J**	**40 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	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**4340 J**	**1730 J**	**4140 J**	**826 J**	746 UJB	**1520 J**	**1470 J**	**2200 J**
Selenium	µg/L	50	180	5 U	5 U	5 U	4.6 J	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	**83200**	**16400**	**94300**	**7380**	**16900**	**16100**	**13000**	**33900**
Thallium	µg/L	2	2.4	0.18 UBJ	1 U	1 U	1 U	1 U	1 U	0.3 UJB	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	**5.9 JB**	**4.3 JB**	**5.2 JB**	**2.4 JB**	**10.2 B**	**4.4 JB**	**40.8 J**	**2.7 JB**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 2008 Inorganics Analytical Results

Station ID				CPmw-006	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109	DA2mw-110	DA2mw-111
Sample ID		MCL	Region 9 PRG	FWGCPmw-006C-1019-GF	FWGDA2mw-104C-1022-GF	FWGDA2mw-105C-1023-GF	FWGDA2mw-106C-1024-GF	FWGDA2mw-108C-1025-GF	FWGDA2mw-109C-1026-GF	FWGDA2mw-110C-1027-GF	FWGDA2mw-111C-1028-GF
Date Collected				10/9/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	**51.9**	50 U	**22.2 J**	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	**8.3**	5 U	**6.3 J**	5 U	5 U	5 U	5 U	5 U
Barium	µg/L	2000	2600	**75.3**	**16.5**	**59.3**	**43.2**	**35.6**	**25.4**	**12.2**	**21.5**
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	**87400**	**48700**	**83900**	**166000 J**	**93800**	**96800**	**59600**	**102000**
Chromium	µg/L	100	NS	5 U	**3.6 J**	5 U	5 U	5 U	5 U	5 U	**2.3 J**
Cobalt	µg/L	NS	730	5 U	**3.3 J**	5 U	**3.6 J**	5 U	5 U	5 UJ	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 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Iron	µg/L	300	11000	**6300**	50 U	**1160**	**132**	**5090**	50 U	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	**24800**	**13700**	**23200**	**56900**	**33900**	**36300**	**17700**	**37900**
Manganese	µg/L	50	880	**1770**	**0.51 JB**	**223 J**	**3180**	**342**	**386 J**	**0.61 JB**	**362 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	5 J	10 U	**9.9 J**	10 U	10 U	10 U	**11.2**
Potassium	µg/L	NS	NS	**3210 J**	**760 JB**	**1210 J**	**2410 J**	**2820 J**	**1280 J**	**1110 J**	**3490 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	**4.9 J**	5 U	5 U	5 U	5 U	5 UJ	5 U
Sodium	µg/L	NS	NS	**29000**	**5200**	**8470**	**35400**	**11400**	**7640**	**4680**	**22500**
Thallium	µg/L	2	2.4	0.31 UBJ	1 U	1 U	0.19 UJ	0.29 UJB	1 U	0.17 UJB	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	**5.4 JB**	3 UJB	6.4 UJB	7.9 UJB	7.1 UJB	3.3 UJB	2.3 UJB	**13.5 JB**

Notes:

NS = no standard

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N/A = Not Analyzed

Table 3-3 FWGWMPP October 2008 Inorganics Analytical Results

Station ID				DA2mw-112	DA2mw-113	DETmw-003	DETmw-004	EBGmw-123	EBGmw-124	EBGmw-125	EBGmw-126
Sample ID		MCL	Region 9 PRG	FWGDA2mw-112C-1029-GF	FWGDA2mw-113C-1030-GF	FWGDETmw-003C-1020-GF	FWGDETmw-004C-1021-GF	FWGEBGmw-123C-1031-GF	FWGEBGmw-124C-1032-GF	FWGEBGmw-125C-1033-GF	FWGEBGmw-126C-1034-GF
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	50 U	50 U	50 U	**24.4 J**	50 U	50 U	50 U	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	**0.16 J**	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	5 U	**3.3 J**	**11.3 J**	5 U	**51.7 J**	**58 J**	**17.5 J**	**23 J**
Barium	µg/L	2000	2600	**26**	**40.9**	**53.5**	**52.2**	**186**	**178**	**52.6**	**237**
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	**99600**	**72600**	**93200 J**	**125000**	**94800**	**83700**	**41300**	**94100**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	**6.2**	5 U	5 U
Cobalt	µg/L	NS	730	5 U	5 U	5 U	5 U	5 U	**6.6**	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 UJ	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	**4290**	**4030**	**1750**	**260**	**5940**	**4680**	**5540**	**7300**
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	**25400**	**17600**	**34200**	**24800**	**16700**	**16800**	**7120**	**16100**
Manganese	µg/L	50	880	**629**	**319**	**287**	**21**	**116**	**73.6**	**385**	**189**
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	**3.5 J**	10 U	**10.4**	10 U	10 U
Potassium	µg/L	NS	NS	**2070 J**	**1350 J**	**1760 J**	**1870 J**	**1010 J**	**1340 J**	**1030 J**	**1130 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	**9.9**	5 U	5 U
Sodium	µg/L	NS	NS	**8740**	**3760**	**12900**	**4090**	**7950**	**14200**	**2680**	**6040**
Thallium	µg/L	2	2.4	1 U	1 U	0.28 UJ	1 U	1 U	1 U	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	2.5 J	**0.65 J**	10 U	**0.68 J**
Zinc	µg/L	5000	11000	6.5 UJB	6.6 UJB	10 U	**32.6 JB**	6.6 UJB	5.5 UJB	4.7 UJB	2.6 UJB

Notes:

NS = no standard

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N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-1035-GF	FWGEBGmw-128C-1036-GF	FWGEBGmw-129C-1037-GF	FWGEBGmw-130C-1038-GF	FWGFBQmw-166C-1039-GF	FWGFBQmw-167C-1040-GF	FWGFBQmw-168C-1041-GF	FWGFBQmw-169C-1042-GF
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	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	0.34 UJ	2 U
Arsenic	µg/L	10	0.045	**15 J**	**18 J**	**5.1 J**	5 U	6.1 J	5 U	**5**	5 U
Barium	µg/L	2000	2600	**371**	**69**	**29.8**	**71**	**28.7**	**59.3**	**29.7**	**59.2**
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	**0.81 J**
Calcium	µg/L	NS	NS	**81900**	**57500**	**48400**	**78800**	**142000**	**28600**	**46700**	**27000**
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	7 U	5 U	**14.7**
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 U	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 U	0.01 UJ
Iron	µg/L	300	11000	**672**	**1380**	**7450**	**4430**	**466 J**	**15100 J**	**50**	**955 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	**18300**	**9760**	**11100**	**17600**	**49800**	**12900**	**8330**	**18900**
Manganese	µg/L	50	880	**27**	**290**	**560**	**658**	**436**	**2050**	**50.1**	**7680**
Mercury	µg/L	2	11	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	**0.2**
Nickel	µg/L	NS	730	10 U	10 U	10 U	10 U	10 U	**10.3**	10 U	**19.3**
Potassium	µg/L	NS	NS	**1490 J**	**926 J**	**967 J**	**2440 J**	**1830 J**	**1670 J**	**978 J**	**2190 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	**4430**	**4440**	**3410**	**5530**	**17200**	**35000**	**27400**	**36000**
Thallium	µg/L	2	2.4	0.2 UJB	1 U	1 U	1 U	1 U	0.18 UJ	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	3.8 UJB	3.1 UJB	10 U	2.9 UJB	**10 U**	**19.2**	10 U	**13**

Notes:

NS = no standard

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N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-1043-GF	FWGFBQmw-171C-1044-GF	FWGFBQmw-172C-1045-GF	FWGFBQmw-173C-1046-GF	FWGFBQmw-174C-1047-GF	FWGFBQmw-175C-1048-GF	FWGFBQmw-176C-1049-GF	FWGFBQmw-177C-1050-GF
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	**27.8 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	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**5**	5 U	5 U	5 U	5 U	5 U	**3.6 J**	5 U
Barium	µg/L	2000	2600	**34.4**	**33.7**	**40.1**	**10**	**17.5**	**8.7 J**	**60.8**	**11.1**
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	**8040**	**18300**	**90700**	**8560**	**8960**	**11100 J**	**9670**	**42000**
Chromium	µg/L	100	NS	5 U	5 U	5 U	**3.6 J**	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	5 U	5 U	**2.8 J**	5 U	5 U	3.4 UJ	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 JB**	0.01 UJ	0.01 U
Iron	µg/L	300	11000	50 U	50 U	50 U	**75.7 J**	50 U	50 U	**9800 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	**2890**	**5840**	**40500**	**3360**	**2730**	**5870**	**3430 J**	**11200**
Manganese	µg/L	50	880	**64**	**20.1**	**2460**	**1210**	**2.2 J**	**8.7 J**	**1500**	**1340**
Mercury	µg/L	2	11	0.2 U	**0.14 J**	0.2 U	0.2 U	0.2 U	0.2 U	**0.2**	0.2 U
Nickel	µg/L	NS	730	**6.3 J**	**4.3 J**	**3.9 J**	**7.4 J**	10 U	**14**	10 U	10 U
Potassium	µg/L	NS	NS	**840 J**	**865 J**	**798 J**	**1230 J**	**999 J**	**735 J**	**941 UJ**	**1250 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	**9000**	**891 J**	**7120**	**3150**	1000 U	**2850 J**	**2230**	**2670**
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	**16.6**	**14.8**	**3.5 J**	**5.9 J**	**5.1 J**	**12 J**	**4.2 J**	**2.6 J**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-1051-GF	FWGLNWmw-025C-1052-GF	FWGLNWmw-026C-1053-GF	FWGLNWmw-027C-1054-GF	FWGMBSmw-001-1086-GF	FWGMBSmw-002-1087-GF	FWGMBSmw-003-1088-GF	FWGMBSmw-004-1089-GF
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units										
Aluminum	µg/L	200	36000	**27.9 J**	50 U	50 U	50 U	50 U	**23.4 J**	**25.3 J**	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	**7 J**	**5**	5 UJ	5 U	**7.8**	5 U	5 U
Barium	µg/L	2000	2600	**34.5**	**34.9**	**101**	**32.7**	**112**	**113**	**17.3**	**35.7**
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 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**90400**	**38800**	**42500**	**59300**	**76000**	**72300**	**84700**	**74000**
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	**1.9 J**	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 U	0.01 U	0.01 U	0.01 U
Iron	µg/L	300	11000	50 U	**1030 J**	**50**	50 U	**137**	**478**	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	**37100**	**11600**	**10200**	**18000**	**20500**	**18300**	**25300**	**21200**
Manganese	µg/L	50	880	**31.4**	**822**	**50.7**	**111 J**	**362**	**233**	**2.1 J**	**59.7**
Mercury	µg/L	2	11	**0.2**	**0.2**	**0.2**	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	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**1270 J**	**921 J**	**1170 J**	**1990 J**	**1160 J**	**1440 J**	**1190 J**	**1240 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	**10200**	**6750**	**12200**	**7150**	**13200**	**10600**	**4920 J**	**6630 J**
Thallium	µg/L	2	2.4	1 U	1 U	1 U	1 U	1 U	1 U	0.23 UJ	0.15 UJ
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	**3.3 J**	**2.7 JB**	**3.8 J**	10 UJ	6.5 UJB	5.5 UJB	4.5 UJB	10 U

Notes:

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N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-005-1090-GF	FWGMBSmw-006-1091-GF	FWGNTAmw-107-1055-GF	FWGNTAmw-108-1056-GF	FWGNTAmw-109-1057-GF	FWGNTAmw-110-1058-GF	FWGNTAmw-111-1059-GF
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Aluminum	µg/L	200	36000	**126**	**19.7 J**	50 U	**207**	50 U	**707 J**	50 U
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	**10.3**	5 U	**13.5**	**5.1**	**5.2**	**20.3**	5 U
Barium	µg/L	2000	2600	**89.9**	**73.5**	**107**	**52.9**	**29.8**	**153**	**69.6**
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	**83200**	**69200**	**60700**	**90900**	**8610**	**63300**	**87300**
Chromium	µg/L	100	NS	5 U	5 U	5 U	**4.6 J**	5 U	5 U	5 U
Cobalt	µg/L	NS	730	5 U	5 U	5 U	**3.3 J**	**1.8 J**	5 U	5 U
Copper	µg/L	1300	1500	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
Iron	µg/L	300	11000	**5360**	50 U	**470**	50 U	**3220**	**801 J**	**82.6**
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**25500**	**19700**	**15500**	**23800**	**3510**	**17500**	**40600**
Manganese	µg/L	50	880	**955**	**369**	**250**	**3.4 JB**	**91.2**	**267**	**164**
Mercury	µg/L	2	11	0.2 U	**0.12 J**	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	10 U	10 U
Potassium	µg/L	NS	NS	**1140 J**	**1320 J**	**1060 J**	**1190 J**	**1200 J**	**1260 J**	**1170 J**
Selenium	µg/L	50	180	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	**5.4 J**	5 U	5 U	5 U
Sodium	µg/L	NS	NS	**22800**	**6480 J**	**7430**	**9630**	**1150**	**15500**	**13400**
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 U	10 U	10 U	10 U	**0.73 J**	**1.7 J**	10 U
Zinc	µg/L	5000	11000	10 U	10 U	3.6 UJB	5.5 UJB	**9.8 JB**	5.8 UJB	10 U

Notes:

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N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-112-1060-GF	FWGNTAmw-113-1061-GF	FWGNTAmw-114-1062-GF	FWGNTAmw-115-1063-GF	FWGNTAmw-116C-1064-GF	FWGNTAmw-117-1065-GF	FWGNTAmw-118-1066-GF
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Aluminum	µg/L	200	36000	50 U	50 U	**19.4 J**	50 U	50 U	50 U	**21.1 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	**6.3**	**11**	**7.2**	5 U	5 U	5 U	5 U
Barium	µg/L	2000	2600	**42.3**	**38.4**	**85.9**	**67.9**	**18.3**	**75**	**19.1**
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	**93400**	**77900**	**99400**	**84500**	**17100**	**66300**	**73800**
Chromium	µg/L	100	NS	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
Copper	µg/L	1300	1500	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
Iron	µg/L	300	11000	**362**	**570**	**532**	50 U	50 U	50 U	50 U
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**29600**	**33700**	**33300**	**20200**	**2900**	**15800**	**32900**
Manganese	µg/L	50	880	**1070**	**308**	**493**	**0.89 JB**	**52.7**	**423**	**101**
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 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**1640 J**	**1680 J**	**1270 J**	**1080 J**	**979 J**	**946 JB**	**2120 J**
Selenium	µg/L	50	180	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
Sodium	µg/L	NS	NS	**19900**	**19600**	**9630**	**12300**	**1760**	**10600 J**	**13100**
Thallium	µg/L	2	2.4	1 U	1 U	0.22 UJ	1 U	0.25 UJ	1 U	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**8.2 JB**	2.7 UJB	4.3 UJB	4 UJB	10 U	4.4 UJB	2.6 UJB

Notes:

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N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-1067-GF	FWGRQLmw-008C-1068-GF	FWGRQLmw-009C-1069-GF	FWGRQLmw-012C-1070-GF	FWGRQLmw-013C-1071-GF	FWGRQLmw-014C-1072-GF
Date Collected				10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
Aluminum	µg/L	NS	36000	50 U	50 U	50 U	**1400**	**4120**	50 U
Antimony	µg/L	6	15	2 U	2 U	2 U	2 U	2 U	2 U
Arsenic	µg/L	10	0.045	**51.7**	**50.4**	**22.7**	5 U	5 U	5 U
Barium	µg/L	2000	2600	**49.4**	**157**	**43.2**	**13.2**	**28**	**10.9**
Beryllium	µg/L	4	NS	1 U	1 U	1 U	1 U	0.66 UJ	1 U
Cadmium	µg/L	5	NS	0.5 U	0.5 U	0.5 U	**0.67**	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**122000**	**74300**	**30100**	**75200**	**20300**	**39100**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	**5.6**	5 U	**6.9**	**7.6**	**36.5**	5 U
Copper	µg/L	1300	1500	5 U	5 U	5 U	5 U	5 U	5 U
Cyanide	mg/L	0.2	0.73	**0.009 J**	0.01 U	0.01 U	0.01 U	0.01 UJ	0.01 U
Iron	µg/L	300	11000	**16400**	**126000**	**16200**	**84.6**	**124**	50 U
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**129000**	**32200**	**36100**	**18700**	**9690**	**15700**
Manganese	µg/L	50	880	**1810 J**	**775 J**	**2340**	**271**	**639**	**2480**
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	**8.7 J**	**6.5 J**	**6.6 J**	**16.7**	**80.6**	**12.5**
Potassium	µg/L	NS	NS	**7370 J**	**5830 J**	**3690 J**	**4130 J**	**2010 J**	**3460 J**
Selenium	µg/L	50	180	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
Sodium	µg/L	NS	NS	**7750**	**13500**	**1580**	**4650**	**20600**	**5960**
Thallium	µg/L	2	2.4	1 U	1 U	0.23 UJB	0.75 UJ	**1**	0.34 UJB
Vanadium	µg/L	NS	36	10 U	**0.68 J**	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**7.8 JB**	**3.9 JB**	**2.5 JB**	**54.8**	**246**	**16.4 B**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-1073-GF	FWGRQLmw-016C-1074-GF	FWGRQLmw-017C-1075-GF	FWGWBGmw-005C-1076-GF	FWGWBGmw-008C-1077-GF	FWGWBGmw-010C-1078-GF	FWGWBGmw-011C-1079-GF
Date Collected				10/9/2008	10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Aluminum	µg/L	NS	36000	50 U	50 U	**136**	50 U	50 U	50 U	**48.1 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	5 U	5 U	5 U	**21.9 B**	5 U	5 U	5 U
Barium	µg/L	2000	2600	**1.2 JB**	**12.2**	**2.9 JB**	**65**	**35.1**	**20.7**	**43.3**
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	**0.22 J**	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	µg/L	NS	NS	**24700**	**449000**	**63200**	**53700**	**78700**	**92400**	**86700**
Chromium	µg/L	100	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cobalt	µg/L	NS	730	**1.7 J**	**9.4**	**13.4**	**11.7**	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
Cyanide	mg/L	0.2	0.73	0.01 U	**0.0067 J**	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Iron	µg/L	300	11000	**511**	**19700**	**204**	**6830**	50 U	50 U	**51.9**
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**11400**	**64800**	**22200**	**16400**	**20300**	**33500**	**18000**
Manganese	µg/L	50	880	**1000**	**7590 J**	**3360**	**986**	**52.8**	**129**	**149**
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	**6.8 J**	**38.9**	**51.9**	11.5	10 U	10 U	10 U
Potassium	µg/L	NS	NS	**1480 J**	**3110 J**	**1880 J**	**930 JB**	**880 JB**	**700 JB**	**4270 J**
Selenium	µg/L	50	180	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
Sodium	µg/L	NS	NS	1000 U	**7640**	**4220**	**12300**	**7090**	**18600**	**4990**
Thallium	µg/L	2	2.4	0.18 UJB	0.19 UJB	0.37 UJB	1 U	0.18 UJB	0.29 UJB	1 U
Vanadium	µg/L	NS	36	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	µg/L	5000	11000	**37.3**	**14.6 JB**	**209 J**	**5.7 JB**	**9 JB**	**2.9 JB**	**3.2 JB**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMPP October 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-1080-GF	FWGWBGmw-013C-1081-GF	FWGWBGmw-014C-1082-GF	FWGWBGmw-015C-1083-GF	FWGWBGmw-016C-1084-GF	FWGWBGmw-017C-1085-GF
Date Collected				10/8/2008	10/8/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
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	**40.3 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 U	5 U	5 U	**5.7 B**	5 U	**6.1 B**
Barium	µg/L	2000	2600	**22.7**	**13.4**	**15.8**	**72.1**	**30.7**	**55.1**
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	**68400**	**34300**	**71100**	**85800**	**79600**	**68100**
Chromium	µg/L	100	NS	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
Copper	µg/L	1300	1500	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	**0.0089 J**	0.01 UJ	0.01 UJ	0.01 UJ
Iron	µg/L	300	11000	50 U	50 U	50 U	**151**	50 U	**538**
Lead	µg/L	15	NS	3 U	3 U	3 U	3 U	3 U	3 U
Magnesium	µg/L	NS	NS	**20000**	**10000**	**17700**	**27200**	**20500**	**18300**
Manganese	µg/L	50	880	**0.66 J**	**2.4 J**	**113**	**140**	**1.3 JB**	**199**
Mercury	µg/L	2	11	**0.2**	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	10 U
Potassium	µg/L	NS	NS	795 UJB	606 UJB	**1340 J**	**1180 J**	**1060 B**	**941 JB**
Selenium	µg/L	50	180	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
Sodium	µg/L	NS	NS	**3550**	**3860**	**10900**	**10500**	**4600**	**4790**
Thallium	µg/L	2	2.4	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
Zinc	µg/L	5000	11000	**3.2 BJ**	**2.4 J**	**21.8 J**	**2.7 JB**	**4.1 JB**	**2.5 JB**

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-3 FWGWMP October 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 – LL1mw-063 (9 µg/L J B), LL1mw-064 (3 µg/L J B), LL1mw-065 (3.3 µg/L J B), LL1mw-079 (6.9 µg/L J B), LL2mw-060 (4.6 µg/L J B), LL2mw-261 (5.5 µg/L J B), LL2mw-264 (5.1 µg/L J B), LL2mw-265 (8.7 µg/L J B), LL2mw-268 (3.9 µg/L J B), LL2mw-270 (5.7 µg/L J B), LL3mw-232 (5.7 µg/L J B), LL3mw-233 (6.4 µg/L J B), LLmw-234 (6 µg/L J B), LL3mw-235 (9.4 µg/L J B), LL3mw-237 (4.4 µg/L J B), LL3mw-240 (2.8 µg/L J B), LL3mw-241 (8.7 µg/L J B), LL3mw-243 (6 µg/L J B), LL4mw-194 (3.5 µg/L J B), LL4mw-195 (1.8 µg/L J B), LL4mw-200 (3.6 µg/L J B), LL5mw-002 (2 µg/L J B), LL6mw-001 (7.9 6 µg/L J B), LL6mw-002 (5.5 µg/L J B), LL6mw-003 (3.7 µg/L J B), LL6mw-004 (3.7 µg/L J B), LL12mw-088 (1.6 µg/L J B), LL12mw-107 (4.4 µg/L J B), LL12mw-113 (1.7 µg/L J B), LL12mw-189 (1.5 µg/L J B), LL12mw-245 (2.7 µg/L J B), LL12mw-246 (4.3 µg/L J B), B12mw-010 (3.7 µg/L J B), B12mw-012 (6.3 µg/L J B), CBLmw-001 (6.6 µg/L J B), CBLmw-002 (3.9 µg/L J B), CBLmw-003 (4.2 µg/L J B), CBLmw-004 (3.8µg/L J B), CBPmw-001 (1.5µg/L J B), CPmw-002 (3.4 µg/L J B), CPmw-003 (1.5 µg/L J B), CPmw-004 (3.8 µg/L J B), CPmw-005 (3.9µg/L J B), CPmw-006 (4.5 µg/L J B), DA2mw-104 (1.9 µg/L J B), DA2mw-105 (1.5 µg/L J B), DA2mw-106 (2.9 µg/L J B), DA2mw-108 7.2 µg/L J B), DA2mw-109 (3 µg/L J B), DA2mw-110 (1.6 µg/L J B), DA2mw-111 (2.1 µg/L J B), DETmw-003 (1.4 µg/L J B), DETmw-004 (1.6 µg/L J B), EBGmw-124 (1.3 µg/L J B), FBQmw-166 (2 µg/L J B), FBQmw-167 (3.7 µg/L J B), FBQmw-168 (3.9 µg/L J B), FBQmw-169 (1.1 µg/L J B), FBQmw-170 (1.9 µg/L J B), FBQmw-171 (2.2 µg/L J B), FBQmw-173 (3.6 µg/L J B), FBQmw-175 (1.1 µg/L J B), FBQmw-176 (3.9 µg/L J B), FBQmw-177 (2 µg/L J B), LNWmw-024 (6.9 µg/L J B), LNWmw-025 (4.7µg/L J B), MBSmw-001 (5 µg/L J B), MBSmw-002 (3.5 µg/L J B), MBSmw-003 (4.6 µg/L J B), MBSmw-004 (5.6 µg/L J B), MBSmw-005 (5 µg/L J B), MBSmw-006 (5.2 µg/L J B), NTAmw-107 (1.1 µg/L J B), NTAmw-110 (1.2 µg/L J B), NTAmw-111 (1.4 µg/L J B), NTAmw-112 (5.1 µg/L J B), NTAmw-113 (4.1 µg/L J B), NTAmw-114 (4.1 µg/L J B), NTAmw-115 (3.1 µg/L J B), NTAmw-116 (5.5 µg/L J B), NTAmw-117 (1.7 µg/L J B), NTAmw-118 (2.2 µg/L J B), RQLmw-007 (4.9 µg/L J B), RQLmw-008 (3.1 µg/L J B), RQLmw-009 (6 µg/L J B), RQLmw-012 (6.4 µg/L J B), RQLmw-013 (5.6 µg/L J B), RQLmw-014 (6.2 µg/L J B), RQLmw-016 (4.6 µg/L J B), RQLmw-017 (5.4 µg/L J B), WBGmw-005 (4.8 µg/L J B), WBGmw-008 (7.1 µg/L J B), WBGmw-010 (8 µg/L J B), WBGmw-011 (8.3 µg/L J B), WBGmw-012 (5.2 µg/L J B), WBGmw-013 (4.8 µg/L J B), WBGmw-014 µg/L J B), WBGmw-015 (10 µg/L J B), WBGmw-016 (7.6 µg/L J B), WBGmw-017 (6.7 µg/L J B). There is no MCL for acetone. The Region 9 PRG is 5,500 µg/L.

Note that method blanks associated with these samples had contamination for acetone below 1/2 the method reporting limit (MRL). The low level detections (i.e. < RL) in these samples are therefore attributed to low level laboratory contamination and were flagged with a B qualifier.

- 2-Butanone – B12mw-012 (0.86 µg/L J), DA2mw-109 (0.68 µg/L J). There is no MCL for 2-Butanone. The Region 9 PRG is 7,000 µg/L.

- Benzene – LL1mw-063 (0.37 µg/L J B), LL1mw-064 (0.34 µg/L J B), LL1mw-065).26 µg/L J B), LL1mw-079 (0.29 µg/L J B), LL2mw-060 (0.42 µg/L J B), LL2mw-261 (0.28 µg/L J B), LL2mw-264 (0.4 µg/L J B), LL2mw-265 (0.36 µg/L J B), LL2mw-268 (0.44 µg/L J B), LL2mw-270 (0.34 µg/L J B), LL3mw-232 (0.37 µg/L J B), LL3mw-233 (0.44 µg/L J B), LL3mw-234 (0.32 µg/L J B), LL3mw-237 (0.25 µg/L J B), LL3mw-240 (0.4 µg/L J B), LL3mw-241 (0.28 µg/L J B), LL3mw-243 (0.32 µg/L J B), LL4mw-193 (0.47 µg/L J B), LL4mw-194 (0.36 µg/L J B), LL4mw-185 (0.31 µg/L J B), LL4mw-200 (0.45 µg/L J B), LL12mw-088 (0.32 µg/L J B), LL12mw-113 (0.31 µg/L J B), LL12mw-128 (0.24 µg/L J B), LL12mw-154 (0.32 µg/L J B), LL12mw-184 (0.28 µg/L J B), LL12mw-185 (0.3 µg/L J B), LL12mw-187 (0.27 µg/L J B), LL12mw-188 (0.4 µg/L J B), LL12m-242 (0.49 µg/L J B), LL12mw-243 (0.24 µg/L J B), LL244 (0.46 µg/L J B), LL12mw-245 (0.25 µg/L J B), LL12mw-246 (0.58 µg/L J B), NTAmw-113 (0.45 µg/L J). The MCL for benzene is 5 µg/L**.** The Region 9 PRG is 0.35 µg/L J.

Note that with the exception of NTAmw-113 method blanks associated with these samples had contamination for benzene below 1/2 the method reporting limit (MRL). The low level detections (i.e. < RL) in these samples are therefore attributed to low level laboratory contamination and were flagged with a B qualifier.

- Carbon disulfide – CBPmw-002 (0.65 µg/L J), EBGmw-126 (0.29 µg/L J). There is no MCL for carbon disulfide. The Region 9 PRG is 1,000 µg/L.

- Chloromethane – LL4mw-194 (0.4 µg/L J), LL5mw-002 (0.37 µg/L J), LL5mw-006 (0.31 µg/L J), LL12mw-128 (1.4 µg/L J), LL12mw-184 (0.33 µg/L J), LL12mw-185 (1.6 µg/L J), LL12mw-187 (0.32 µg/L J), LL12mw-189 (2.5 µg/L J), LL12mw-242 (0.64 µg/L J), LL12mw-244 (1.8 µg/L J), CBPmw-002 (0.33 µg/L J), CBPmw-003 (1.2 µg/L J), CPmw-001 (0.51 µg/L J), DA2mw-112 (0.35 µg/L J), EBGmw-127 (0.41 µg/L J), EBGmw-129 (0.34 µg/L J), EBGmw-130 (0.37 µg/L J), NTAmw-109 (0.51 µg/L J), NTAmw-110 (0.33 µg/L J). There is no MCL for chloromethane. The Region 9 PRG is 160 µg/L**.**

- 1,2-Dichloroethane – CBPmw-003 (1 µg/L J), CBPmw-004 (1 µg/L J), CPmw-001 (1 µg/L J), CPmw-003 (1 µg/L J). The MCL for 1,2-dichloromethane is 5 µg/L. The Region 9 PRG is 0.12 µg/L J.

- Tetrachloroethylene – LL3mw-240 (0.29 µg/L J). The MCL for tetrachloroethylene is 5 µg/L. The Region 9 PRG is 0.1µg/L.

- Toluene – LL4mw-193 (0.31 µg/L J), LL12mw-242 (0.29 µg/L J), LL12mw-246 (0.23 µg/L J), FBQmw-170 (0.28 µg/L J), FBQmw-173 (0.32 µg/L J),, FBQmw-175 (0.18 µg/L J). The MCL for toluene is 1,000 µg/L. The Region 9 PRG is 720 µg/L.

- o-Xylene – LL4mw-193 (0.29 µg/L J), LL12mw-242 (0.28 µg/L J), LL12mw-246 (0.29 µg/L J). There are no standards or o-xylene. The MCL and Region 9 PRG for total xylenes is 10,000 µg/L.

- Xylenes (total) – LL4mw-193 (0.29 µg/L J), LL12mw-242 (0.28 µg/L J), LL12mw-246 (0.29 µg/L J). The MCL and Region 9 PRG for total xylenes is 10,000 µg/L.

Benzene was detected in numerous wells at concentrations exceeding the Region 9 PRG of 0.35 µg/L. All of these were attributed to method blank contamination with the exception of sample NTAmw-113 with a benzene concentration of 0.45 µg/L J). Tetrachloroethylene was also detected above the Region PRG (0.1 µg/L) in well LL3mw-240 at a concentration of 0.29 µg/L. There were no other VOCs detected at a concentration exceeding the MCLs or Region 9 PRGs during the October 2008 sampling event.

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).

- Bis(2-Ethylhexyl)phthalate – LL1mw-064 (2.2 µg/L J B), LL1mw-079 (2.5 µg/L J B), LL2mw-060 (2.8 µg/L J B), LL2mw-261 (1.9 µg/L J B), LL2mw-264 (2.8 µg/L J B), LL2mw-265 (7 µg/L J B), LL2mw-268 (2.2 µg/L J B), LL2mw-270 (1.2 µg/L J B), LL3mw-232 (1 µg/L J B), LL3mw-234 (1.2 µg/L J B), LL3mw-237 (1.5 µg/L J B), LL3mw-240 (1 µg/L J B), LL3mw-241 (0.88 µg/L J B), LL3mw-243 (1.1 µg/L J B), LL4mw-193 (5 µg/L J B), LL4mw-195 (1.1 µg/L J B), LL4mw-200 (1.7 µg/L J B), LL5mw-005 (1.4 µg/L J B), LL6mw-001 (1.7 µg/L J B), LL6mw-002 (1.4 µg/L J B), LL6mw-003 (1.5 µg/L J B), LL12mw-088 (1.8 µg/L J B), LL12mw-107 (1.2 µg/L J B), LL12mmw-113 (0.97 µg/L J B), LL12mw-128 (1.1 µg/L J B), LL12mw-154 (1.1 µg/L J B), LL12mw-184 (2.6 µg/L J B), LL12mw-185 (3.2 µg/L J B), LL12mw-187 (1.7 µg/L J B), LL12mw-188 (1.3 µg/L J B), LL12mw-242 (2.6 µg/L J B), LL12mw-243 (1.2 µg/L J B),

LL12mw-244 (1.1 µg/L J B), LL12mw-245 (3.2 µg/L J B), LL12mw-246 (5 µg/L J B), B12mw-010 (4.5 µg/L J), B12mw-011 (0.096 µg/L J), CBLmw-003 (0.82 µg/L J B), CBLmw-004 (1.8 µg/L J B), CBPmw-002 (1.6 µg/L J B), CBPmw-008 (8 µg/L J), CPmw-002 (1.2 µg/L J), CPmw-003 (1.4 µg/L J), CPmw-005 (1.5 µg/L J), DA2mw-104 (1.7 µg/L J), DA2mw-105 (1.3 µg/L J), DA2mw-106 (1.3 µg/L J), DA2mw-108 (1.4 µg/L J), DA2mw-109 (2.8 µg/L J),DA2mw-110 (18 µg/L J), DA2mw-111 (3.4 µg/L J), DA2mw-112 (2.9 µg/L J), DA2mw-113 (1.6 µg/L J), DETmw-003 (1.3 µg/L J), DETmw-004 (2.2 µg/L J B), EBGmw-123 (13 µg/L), EBGmw-124 (1.4 µg/L J B), EBGmw-126 (0.81 µg/L J B), EBGMw-127 (1.4 µg/L J), EBGmw-128 (0.99 µg/L J B), EBGmw-129 (1.1 µg/L J), EBGmw-130 (2.8 µg/L J), FBQmw-166 (1 µg/L J), FBQmw-167 (1.3 µg/L J), FBQmw-169 (1.1 µg/L J), FBQmw-171 (0.83 µg/L J B), LNWmw-024 (4.1 µg/L J), LNWmw-025 (1.3 µg/L J), MBSmw-001 (2 µg/L J B), MBSmw-003 (2.2 µg/L J B), MBSmw-004 (1.5 µg/L J B), MBSmw-005 (0.83 µg/L J B), MBSmw-006 (0.87 µg/L J B), NTAmw-108 (1.1 µg/L J B), NTAmw-112 (3.1 µg/L J B), NTAmw-113 (1.2 µg/L J B), NTAmw-115 (1 µg/L J B), NTAmw-116 (1.1 µg/L J B), NTAmw-117 (1.5 µg/L J B), NTAmw-118 (0.91 µg/L J), RQLmw-007 (3.3 µg/L J), RQLmw-009 (0.94 µg/L J), WBGmw-014 (2.2 µg/L J), WBGmw-016 (3.4 µg/L J). There is no MCL for Bis(2-Ethylhexyl)phthalate. The Region 9 PRG is 4.8 µg/L.

Note that method blanks associated with many of these samples had contamination for bis(2-ethylhexyl)phthalate below 1/2 the method reporting limit (MRL). The low level detections (i.e. < RL) in these samples are therefore attributed to low level laboratory contamination and were flagged with a B qualifier.

- Phenanthrene – B12mw-010 (0.26 µg/L). There is no MCL or Region 9 PRG for phenanthrene.

As shown in Table 3-6 the only SVOC detected at levels above the Region 9 PRGs was:

- Bis(2-Ethylhexyl)phthalate at CBPmw-008 (8 µg/L J), DA2mw-110 (18 µg/L J), EBGmw-123 (13 µg/L).. The Region 9 PRG is 4.8 µg/L.

Note that several other wells had detected concentrations of bis(2-Ethylhexyl)phthalate above the Region 9 PRG but these were attributed to method blank contamination.

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.

- 4,4'-DDE – FBQmw-174 (0.011 µg/L J). There is no MCL for 4,4'-DDE. The Region 9 PRG is 0.2 µg/L.

- alpha-BHC – LL1mw-063 (0.012 µg/L J), LL3mw-235 (0.02 µg/L J), DA2mw-108 (0.011 µg/L J), NTAmw-113 (0.0072 µg/L J), RQLmw-008 (0.0092 µg/L J). There is no MCL or Region 9 PRG for alpha-BHC.

- beta-BHC – LL6mw-001 (0.025 µg/L J), LL12mw-107 (0.0.022 µg/L J), LL12mw-113 (0.011 µg/L J), LL12mw-188 (0.012 µg/L J), B12mw-010 (0.023 µg/L J), B12mw-012 (0.018 µg/L J B), CBLmw-004 (0.01 µg/L J), DETmw-004 (0.028 µg/L J), MBSmw-004 (0.016 µg/L J), MBSmw-005 (0.01 µg/L J), NTAmw-117 (0.016 µg/L J), RQLmw-008 (0.029 µg/L J), RQLmw-015 (0.019 µg/L J), RQLmw-017 (0.02 µg/L J). There is no MCL for beta-BHC. The Region 9 PRG is 0.032 µg/L.

- gamma-BHC – LL6mw-002 (0.0089 µg/L J), DETmw-004 (0.012 µg/L J). The MCL for gamma-BHC is 0.2 µg/L. The Region 9 PRG is 0.052 µg/L.

- Heptachlor – CBPmw-008 (0.014 µg/L J), RQLmw-009 (0.0088 µg/L J). The MCL for heptachlor is 0.4 µg/L. The Region 9 PRG is 0.015 µg/L.

- PCB-1248 – LL5mw-001 (0.41 µg/L J), CBLmw-004 (0.11 µg/L J), CBPmw-001 (0.11 µg/L J), CBPmw-002 (0.22 µg/L J), CBPmw-004 (0.1 µg/L J), RQLmw-017 (0.26 µg/L J). The MCL for PCBs (total) is 0.5 µg/L. The Region 9 PRG is 0.034 µg/L.

As shown in table 3-7 no pesticides/PCBs were detected at a level above the Region 9 PRGs for the October 2008 sampling event.

3.2.6 Perchlorates

The perchlorate analytical results are summarized in Table 3-8. The following wells had perchlorate detected above the MDL for this sampling event.

B12mw-010 (0.49 µg/L J), B12mw-011 (0.05 µg/L J), B12mw-012 (0.055 µg/L J), CBPmw-001 (0.03 µg/L J), CBPmw-002 (0.019 µg/L J), CBPmw-003 (0.025 µg/L J), CBPmw-005 (0.034 µg/L J), CBPmw-008 (0.029 µg/L J), CPmw-002 (0.035 µg/L J), CPmw-003 (0.031 µg/L J), CPmw-004 (0.036 µg/L J), CPmw-005 (0.028 µg/L J), DA2mw-104 (0.24µg/L), EBGmw-123 (0.031 µg/L J), EBGmw-124 (0.031 µg/L J), LL12mw-246 (0.033 µg/L J), LL5mw-001 (0.033 µg/L J), LL5mw-002 (0.031 µg/L J), LL5mw-003 (0.056 µg/L), LL5mw-004 (0.069 µg/L), LL5mw-005 (0.031 µg/L J), LL5mw-006 (0.013 µg/L J), LNWmw-024 (0.054 µg/L), LNWmw-025 (0.032 µg/L J), LNWmw-026 (0.041 µg/L J), MBSmw-001 (0.021 µg/L J), MBSmw-002 (0.029 µg/L J), MBSmw-003 (0.042 µg/L J), MBSmw-004 (0.019 µg/L J), MBSmw-005 (0.031 µg/L J), MBSmw-006 (0.04 µg/L J), NTAmw-107 (0.024 µg/L J), NTAmw-108 (0.032 µg/L J), NTAmw-109 0.068µg/L), NTAmw-110 (0.037 µg/L J), NTAmw-116 (0.061 µg/L), NTAmw-117 (0.054

μg/L), NTAmw-118 (0.038 μg/L J), RQLmw-012 (0.066 μg/L), RQLmw-014 (0.025 μg/L J), RQLmw-015 (0.03 μg/L J), RQLmw-0.036 μg/L J), WBGmw-005 (0.03 μg/L J), WBGmw-008 (0.025 μg/L J), WBGmw-010 (0.091 μg/L J), WBGmw-011 (0.047 μg/L J), WBGmw-012 (0.088 μg/L), WBGmw-013 (0.11 μg/L), WBGmw-014 (0.027 μg/L J), WBGmw-015).014 μg/L J).

None of detected perchlorate concentrations exceeded the Region 9 PRG of 3.6 μg/L for the July 2008 event. There is no MCL for perchlorate. On February 18, 2005, the USEPA established a Drinking Water Equivalent Level (DWEL) for perchlorate which is set at 24.5 μg/L.

Table 3-5 FWGWMP October 2008 VOCs 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-0955-GW	FWGLL1mw-064C-0956-GW	FWGLL1mw-065C-0957-GW	FWGLL1mw-079C-0958-GW	FWGLL2mw-060C-0959-GW	FWGLL2mw-261C-0960-GW	FWGLL2mw-264C-0961-GW	FWGLL2mw-265C-0962-GW
Date Collected				10/6-10/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008
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	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
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	**9 JB**	**3 JB**	**3.3 JB**	**6.9 JB**	**4.6 JB**	**5.5 JB**	**5.1 JB**	**8.7 JB**
Benzene	µg/L	5	0.35	**0.37 JB**	**0.34 JB**	**0.26 JB**	**0.29 JB**	**0.42 JB**	**0.28 JB**	**0.4 JB**	**0.36 JB**
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 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
Bromomethane	µg/L	NS	8.7	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
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 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
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 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
Ethylbenzene	µg/L	700	1300	1 U	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 UJ	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 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
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 October 2008 VOCs 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-0963-GW	FWGLL2mw-270C-0964-GW	FWGLL3mw-232C-0965-GW	FWGLL3mw-233C-0966-GW	FWGLL3mw-234C-0967-GW	FWGLL3mw-235C-0968-GW	FWGLL3mw-237C-0969-GW	FWGLL3mw-240C-0970-GW
Date Collected				10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/7-9/2008	10/7/2008	10/7/2008
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	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
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	**3.9 JB**	**5.7 JB**	**5.7 JB**	**6.4 JB**	**6 JB**	**9.4 JB**	**4.4 JB**	**2.8 JB**
Benzene	µg/L	5	0.35	**0.44 JB**	**0.34 JB**	**0.37 JB**	**0.44 JB**	**0.32 JB**	1 U	**0.24 JB**	**0.4 JB**
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 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
Bromomethane	µg/L	NS	8.7	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
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 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
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 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
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
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 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
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	**0.29 J**
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 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
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 October 2008 VOCs 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-0971-GW	FWGLL3mw-243C-0972-GW	FWGLL4mw-193C-0973-GW	FWGLL4mw-194C-0974-GW	FWGLL4mw-195C-0975-GW	FWGLL4mw-200C-0976-GW	FWGLL5mw-001-0992-GW	FWGLL5mw-002-0993-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/6/2008	10/6/2008	10/10/2008	10/10/2008
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	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	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
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	**8.7 JB**	**6 JB**	10 UJ	**3.5 JB**	**1.8 JB**	**3.6 JB**	10 U	**2 JB**
Benzene	µg/L	5	0.35	**0.28 JB**	**0.32 JB**	**0.47 JB**	**0.36 JB**	**0.31 JB**	**0.45 JB**	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 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
Bromomethane	µg/L	NS	8.7	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
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 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
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	**0.4 J**	1 U	1 U	1 U	**0.37 J**
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 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
Ethylbenzene	µg/L	700	1300	1 UJ	1 U	1 U	1 U	1 UJ	1 UJ	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
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	**0.29 J**	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	**0.31 J**	1 U	1 U	1 U	1 U	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	**0.29 J**	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 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
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 October 2008 VOCs Analytical results

Station ID				LL5mw-003	LL5mw-004	LL5mw-005	LL5mw-006	LL6mw-001	LL6mw-002	LL6mw-003	LL6mw-004
Sample ID		MCL	Region 9 PRG	FWGLL5mw-003-0994-GW	FWGLL5mw-004-0995-GW	FWGLL5mw-005C-0996-GW	FWGLL5mw-006-0997-GW	FWGLL6mw-001C-0998-GW	FWGLL6mw-002C-0999-GW	FWGLL6mw-003C-1000-GW	FWGLL6mw-004C-1001-GW
Date Collected				10/10/2008	10/10/2008	10/13/2008	10/10/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
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	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
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	**7.9 JB**	**5.5 JB**	**3.7 JB**	**3.7 JB**
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 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 U	1 U	1 UJ	1 UJ	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 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
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 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
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	**0.31 J**	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 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
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 U	1 U	1 UJ	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
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 October 2008 VOCs Analytical results

Station ID				LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128	LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187
Sample ID		MCL	Region 9 PRG	FWGLL12mw-088C-0977-GW	FWGLL12mw-107C-0978-GW	FWGLL12mw-113C-0979-GW	FWGLL12mw-128C-0980-GW	FWGLL12mw-154C-0981-GW	FWGLL12mw-184C-0982-GW	FWGLL12mw-185C-0983-GW	FWGLL12mw-187C-0984-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008
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	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
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	**1.6 JB**	**4.4 JB**	**1.7 JB**	10 UJ	10 UJ	10 U	10 U	10 UJ
Benzene	µg/L	5	0.35	**0.32 JB**	1 UJ	**0.31 JB**	**0.24 JB**	**0.32 JB**	**0.28 JB**	**0.3 JB**	**0.27 JB**
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 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
Bromomethane	µg/L	NS	8.7	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
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 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
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	**1.4**	1 U	**0.33 J**	**1.6**	**0.32 J**
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 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
Ethylbenzene	µg/L	700	1300	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 U
m&p-xylenes	µg/L	NS	NS	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 UJ
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 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
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 October 2008 VOCs Analytical results

Station ID				LL12mw-188	LL12mw-189	LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010
Sample ID		MCL	Region 9 PRG	FWGLL12mw-188C-0985-GW	FWGLL12mw-189C-0986-GW	FWGLL12mw-242C-0987-GW	FWGLL12mw-243C-0988-GW	FWGLL12mw-244C-0989-GW	FWGLL12mw-245C-0990-GW	FWGLL12mw-246C-0991-GW	FWGB12mw-010-1002-GW
Date Collected				10/7/2008	10/8/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008
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	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
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 UJ	**1.5 JB**	10 UJ	10 U	10 UJ	**2.7 JB**	**4.3 JB**	**3.7 JB**
Benzene	µg/L	5	0.35	**0.4 JB**	1 U	**0.49 JB**	**0.24 JB**	**0.46 JB**	**0.25 JB**	**0.58 JB**	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 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
Bromomethane	µg/L	NS	8.7	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
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 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
Chloromethane	µg/L	NS	160	1 U	**2.5**	**0.64 J**	1 U	**1.8**	1 UJ	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 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
Ethylbenzene	µg/L	700	1300	1 U	1 U	1 U	1 UJ	1 U	1 UJ	1 U	1 U
m&p-xylenes	µg/L	NS	NS	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U	2 UJ	2 U
Methylene chloride	µg/L	NS	1300	2 U	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ
o-xylene	µg/L	NS	NS	1 U	1 U	**0.28 J**	1 U	1 U	1 U	**0.29 J**	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	**0.29 J**	1 U	1 U	1 U	**0.23 J**	1 U
Total Xylenes	µg/L	10000	10000	2 U	2 U	**0.28 J**	2 U	2 U	2 U	**0.29 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
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
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 October 2008 VOCs Analytical results

Station ID				B12mw-011	B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002
Sample ID		MCL	Region 9 PRG	FWGB12mw-011-1003-GW	FWGB12mw-012-1004-GW	FWGCBLmw-001-1005-GW	FWGCBLmw-002-1006-GW	FWGCBLmw-003-1007-GW	FWGCBLmw-004-1008-GW	FWGCBPmw-001-1009-GW	FWGCBPmw-002-1010-GW
Date Collected				10/9/2008	10/8-9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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**	**1**
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	10 U	**0.86 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	**6.3 JB**	**6.6 JB**	**3.9 JB**	**4.2 JB**	**3.8 JB**	**1.5 JB**	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 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 U	1 UJ	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 U	1 U
Carbon disulfide	µg/L	NS	1000	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.65 J**
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 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
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	1 U	1 U	1 U	**0.33 J**
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 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
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 UJ	2 UJ	2 U	2 UJ	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
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 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
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 October 2008 VOCs Analytical results

Station ID				CBPmw-003	CBPmw-004	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004	CPmw-005
Sample ID		MCL	Region 9 PRG	FWGCBPmw-003-1011-GW	FWGCBPmw-004-1012-GW	FWGCBPmw-008-1013-GW	FWGCPmw-001-1014-GW	FWGCPmw-002-1015-GW	FWGCPmw-003-1016-GW	FWGCPmw-004-1017-GW	FWGCPmw-005-1018-GW
Date Collected				10/9/2008	10/9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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**	**1**	1 U	**1**	1 U	**1**	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	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
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 UJ	10 UJ	10 U	10 UJ	**3.4 JB**	**1.5 JB**	**3.8 JB**	**3.9 JB**
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 U	1 U	1 U	1 U	1 U	1 U
Bromoform	µg/L	NS	8.5	1 U	1 UJ	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 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
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 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
Chloromethane	µg/L	NS	160	**1.2**	1 U	1 U	**0.51 J**	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 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
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 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	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 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
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 October 2008 VOCs Analytical results

Station ID				CPmw-006	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109	DA2mw-110	DA2mw-111
Sample ID		MCL	Region 9 PRG	FWGCPmw-006-1019-GW	FWGDA2mw-104C-1022-GW	FWGDA2mw-105C-1023-GW	FWGDA2mw-106C-1024-GW	FWGDA2mw-108C-1025-GW	FWGDA2mw-109C-1026-GW	FWGDA2mw-110C-1027-GW	FWGDA2mw-111C-1028-GW
Date Collected				10/9/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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**	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	10 U	10 U	10 U	10 U	10 U	**0.68 J**	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	**4.5 JB**	**1.9 JB**	**1.5 JB**	**2.9 JB**	**7.2 JB**	**3 JB**	**1.6 JB**	**2.1 JB**
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 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
Bromomethane	µg/L	NS	8.7	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
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 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
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 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
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 UJ	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 U	1 U	1 UJ	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
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 October 2008 VOCs Analytical results

Station ID				DA2mw-112	DA2mw-113	DETmw-003	DETmw-004	EBGmw-123	EBGmw-124	EBGmw-125	EBGmw-126
Sample ID		MCL	Region 9 PRG	FWGDA2mw-112C-1029-GW	FWGDA2mw-113C-1030-GW	FWGDETmw-003C-1020-GW	FWGDETmw-004C-1021-GW	FWGEBGmw-123C-1031-GW	FWGEBGmw-124C-1032-GW	FWGEBGmw-125C-1033-GW	FWGEBGmw-126C-1034-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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	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
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	**1.4 JB**	**1.6 JB**	10 U	**1.3 JB**	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
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 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
Bromomethane	µg/L	NS	8.7	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	**0.29 J**
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 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
Chloromethane	µg/L	NS	160	**0.35 J**	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 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
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 UJ	1 U	1 U	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
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 October 2008 VOCs 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-1035-GW	FWGEBGmw-128C-1036-GW	FWGEBGmw-129C-1037-GW	FWGEBGmw-130C-1038-GW	FWGFBQmw-166-1039-GW	FWGFBQmw-167-1040-GW	FWGFBQmw-168-1041-GW	FWGFBQmw-169-1042-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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	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
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	**2 JB**	**3.7 JB**	**3.9 JB**	**1.1 JB**
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 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
Bromomethane	µg/L	NS	8.7	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
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 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
Chloromethane	µg/L	NS	160	**0.41 J**	1 U	**0.34 J**	**0.37 J**	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 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
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	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 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 October 2008 VOCs 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-170-1043-GW	FWGFBQmw-171-1044-GW	FWGFBQmw-172-1045-GW	FWGFBQmw-173-1046-GW	FWGFBQmw-174-1047-GW	FWGFBQmw-175-1048-GW	FWGFBQmw-176-1049-GW	FWGFBQmw-177-1050-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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	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
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	**1.9 JB**	**2.2 JB**	10 U	**3.6 JB**	**3.9 JB**	**1.1 JB**	**3.9 JB**	**2 JB**
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 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
Bromomethane	µg/L	NS	8.7	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
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 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
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 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
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 UJ	2 UJ	2 UJ	2 UJ	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	**0.28 J**	1 U	1 U	**0.32 J**	1 U	**0.18 J**	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 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
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 October 2008 VOCs 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-024-1051-GW	FWGLNWmw-025-1052-GW	FWGLNWmw-026-1053-GW	FWGLNWmw-027-1054-GW	FWGMBSmw-001C-1086-GW	FWGMBSmw-002C-1087-GW	FWGMBSmw-003C-1088-GW	FWGMBSmw-004C-1089-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
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	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
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	**6.9 JB**	**4.7 JB**	10 U	10 U	**5 JB**	**3.5 JB**	**4.6 JB**	**5.6 JB**
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 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
Bromomethane	µg/L	NS	8.7	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
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 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
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 UJ	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 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
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 UJ	2 UJ	2 UJ	2 UJ	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 U	1 U	1 U	1 U	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
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 October 2008 VOCs 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-1090-GW	FWGMBSmw-006C-1091-GW	FWGNTAmw-107C-1055-GW	FWGNTAmw-108C-1056-GW	FWGNTAmw-109C-1057-GW	FWGNTAmw-110C-1058-GW	FWGNTAmw-111C-1059-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				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
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	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
1,1-Dichloroethane	µg/L	7	NS	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
1,2-Dibromoethane	µg/L	NS	0.0053	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
1,2-Dichloroethene (total)	µg/L	NS	NS	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
2-Butanone	µg/L	NS	7000	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
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	**5 JB**	**5.2 JB**	**1.1 JB**	10 U	10 U	**1.2 JB**	**1.4 JB**
Benzene	µg/L	5	0.35	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
Bromodichloromethane	µg/L	NS	0.13	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
Bromomethane	µg/L	NS	8.7	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
Carbon tetrachloride	µg/L	5	0.17	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
Chloroethane	µg/L	NS	4.6	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
Chloromethane	µg/L	NS	160	1 U	1 U	1 U	1 U	**0.51 J**	**0.33 J**	1 U
cis-1,2-dichloroethene	µg/L	70	61	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
Dibromochloromethane	µg/L	NS	0.13	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
m&p-xylenes	µg/L	NS	NS	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
o-xylene	µg/L	NS	NS	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
Tetrachloroethene	µg/L	5	0.1	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
Total Xylenes	µg/L	10000	10000	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
trans-1,3-Dichloropropene	µg/L	NS	0.4	1 U	1 UJ	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
Vinyl chloride	µg/L	2	0.02	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 October 2008 VOCs 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-1060-GW	FWGNTAmw-113C-1061-GW	FWGNTAmw-114C-1062-GW	FWGNTAmw-115C-1063-GW	FWGNTAmw-116C-1064-GW	FWGNTAmw-117C-1065-GW	FWGNTAmw-118C-1066-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				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
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	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
1,1-Dichloroethane	µg/L	7	NS	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
1,2-Dibromoethane	µg/L	NS	0.0053	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
1,2-Dichloroethene (total)	µg/L	NS	NS	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
2-Butanone	µg/L	NS	7000	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
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	**5.1 JB**	**4.1 JB**	**4.1 JB**	**3.1 JB**	**5.5 JB**	**1.7 JB**	**2.2 JB**
Benzene	µg/L	5	0.35	1 U	**0.45 J**	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
Bromodichloromethane	µg/L	NS	0.13	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
Bromomethane	µg/L	NS	8.7	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
Carbon tetrachloride	µg/L	5	0.17	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
Chloroethane	µg/L	NS	4.6	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
Chloromethane	µg/L	NS	160	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
cis-1,3-Dichloropropene	µg/L	NS	0.4	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
Ethylbenzene	µg/L	700	1300	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
Methylene chloride	µg/L	NS	1300	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
Styrene	µg/L	100	1600	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
Toluene	µg/L	1000	720	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
trans-1,2-dichloroethene	µg/L	100	120	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 UJ	1 U
Trichloroethene	µg/L	5	0.028	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

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP October 2008 VOCs 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-1067-GW	FWGRQLmw-008C-1068-GW	FWGRQLmw-009C-1069-GW	FWGRQLmw-012C-1071-GW	FWGRQLmw-013C-1071-GW	FWGRQLmw-014C-1072-GW	FWGRQLmw-015C-1073-GW
Date Collected				10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				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
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	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
1,1-Dichloroethane	µg/L	7	NS	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
1,2-Dibromoethane	µg/L	NS	0.0053	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	µg/L	5	0.12	**1**	1 U	**1**	**1**	1 U	**1**	1 U
1,2-Dichloroethene (total)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	µg/L	5	0.16	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
2-Hexanone	µg/L	NS	NS	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
Acetone	µg/L	NS	5500	**4.9 JB**	**3.1 JB**	**6 JB**	**6.4 JB**	**5.6 JB**	**6.2 JB**	7 UJ
Benzene	µg/L	5	0.35	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
Bromodichloromethane	µg/L	NS	0.13	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 UJ	1 U	1 UJ
Bromomethane	µg/L	NS	8.7	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
Carbon tetrachloride	µg/L	5	0.17	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
Chloroethane	µg/L	NS	4.6	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
Chloromethane	µg/L	NS	160	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
cis-1,3-Dichloropropene	µg/L	NS	0.4	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
Ethylbenzene	µg/L	700	1300	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
Methylene chloride	µg/L	NS	1300	2 U	2 UJ	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
Styrene	µg/L	100	1600	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
Toluene	µg/L	1000	720	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
trans-1,2-dichloroethene	µg/L	100	120	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
Trichloroethene	µg/L	5	0.028	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

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP October 2008 VOCs Analytical results

Station ID				RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011	WBGmw-012
Sample ID		MCL	Region 9 PRG	FWGRQLmw-016C-1074-GW	FWGRQLmw-017C-1075-GW	FWGWBGmw-005C-1076-GW	FWGWBGmw-008C-1077-GW	FWGWBGmw-010C-1078-GW	FWGWBGmw-011C-1079-GW	FWGWBGmw-012C-1080-GW
Date Collected				10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/8/2008
Sample Type				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
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	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
1,1-Dichloroethane	µg/L	7	NS	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
1,2-Dibromoethane	µg/L	NS	0.0053	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
1,2-Dichloroethene (total)	µg/L	NS	NS	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
2-Butanone	µg/L	NS	7000	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
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	**4.6 JB**	**5.4 JB**	**4.8 JB**	**7.1 JB**	**8 JB**	**8.3 JB**	**5.2 JB**
Benzene	µg/L	5	0.35	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
Bromodichloromethane	µg/L	NS	0.13	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 U	1 UJ	1 UJ	1 UJ	1 U
Bromomethane	µg/L	NS	8.7	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
Carbon tetrachloride	µg/L	5	0.17	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
Chloroethane	µg/L	NS	4.6	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
Chloromethane	µg/L	NS	160	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
cis-1,3-Dichloropropene	µg/L	NS	0.4	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
Ethylbenzene	µg/L	700	1300	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
Methylene chloride	µg/L	NS	1300	2 UJ	2 U	2 U	2 U	2 U	2 U	2 UJ
o-xylene	µg/L	NS	NS	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
Tetrachloroethene	µg/L	5	0.1	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
Total Xylenes	µg/L	10000	10000	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
trans-1,3-Dichloropropene	µg/L	NS	0.4	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
Vinyl chloride	µg/L	2	0.02	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 October 2008 VOCs Analytical results

Station ID				WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-013C-1081-GW	FWGWBGmw-014C-1082-GW	FWGWBGmw-015C-1083-GW	FWGWBGmw-016C-1084-GW	FWGWBGmw-017C-1085-GW
Date Collected				10/8/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
Sample Type				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
1,1,2,2-Tetrachloroethane	µg/L	NS	0.43	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
1,1-Dichloroethane	µg/L	7	NS	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
1,2-Dibromoethane	µg/L	NS	0.0053	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
1,2-Dichloroethene (total)	µg/L	NS	NS	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
2-Butanone	µg/L	NS	7000	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
4-Methyl-2-pentanone	µg/L	NS	NS	10 U	10 U	10 U	10 U	10 U
Acetone	µg/L	NS	5500	**4.8 JB**	**10 B**	**10 B**	**7.6 JB**	**6.7 JB**
Benzene	µg/L	5	0.35	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
Bromodichloromethane	µg/L	NS	0.13	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
Bromomethane	µg/L	NS	8.7	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
Carbon tetrachloride	µg/L	5	0.17	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
Chloroethane	µg/L	NS	4.6	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
Chloromethane	µg/L	NS	160	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
cis-1,3-Dichloropropene	µg/L	NS	0.4	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
Ethylbenzene	µg/L	700	1300	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
Methylene chloride	µg/L	NS	1300	2 UJ	2 U	2 U	2 U	2 U
o-xylene	µg/L	NS	NS	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
Tetrachloroethene	µg/L	5	0.1	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
Total Xylenes	µg/L	10000	10000	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
trans-1,3-Dichloropropene	µg/L	NS	0.4	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
Vinyl chloride	µg/L	2	0.02	1 U	1 U	1 U	1 U	1 U

Notes:

NS = no standard

Bold = detected compound above the MDL

Table 3-5 FWGWMP October 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 October 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-0955-GW	FWGLL1mw-064C-0956-GW	FWGLL1mw-065C-0957-GW	FWGLL1mw-079C-0958-GW	FWGLL2mw-060C-0959-GW	FWGLL2mw-261C-0960-GW	FWGLL2mw-264C-0961-GW
Date Collected				10/6-10/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008
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 UJ	5 U	5 UJ	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 October 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-0955-GW	FWGLL1mw-064C-0956-GW	FWGLL1mw-065C-0957-GW	FWGLL1mw-079C-0958-GW	FWGLL2mw-060C-0959-GW	FWGLL2mw-261C-0960-GW	FWGLL2mw-264C-0961-GW
Date Collected				10/6-10/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	10 U	**2.2 JB**	10 U	**2.5 JB**	**2.8 JB**	**1.9 JB**	**2.8 JB**
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 October 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-0962-GW	FWGLL2mw-268C-0963-GW	FWGLL2mw-270C-0964-GW	FWGLL3mw-232C-0965-GW	FWGLL3mw-233C-0966-GW	FWGLL3mw-234C-0967-GW	FWGLL3mw-235C-0968-GW
Date Collected				10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/7-9/2008
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 U	5 U	5 U	5 UJ	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 October 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-0962-GW	FWGLL2mw-268C-0963-GW	FWGLL2mw-270C-0964-GW	FWGLL3mw-232C-0965-GW	FWGLL3mw-233C-0966-GW	FWGLL3mw-234C-0967-GW	FWGLL3mw-235C-0968-GW
Date Collected				10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/7-9/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**7 JB**	**2.2 JB**	**1.2 JB**	**1 JB**	10 U	**1.2 JB**	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 October 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-0969-GW	FWGLL3mw-240C-0970-GW	FWGLL3mw-241C-0971-GW	FWGLL3mw-243C-0972-GW	FWGLL4mw-193C-0973-GW	FWGLL4mw-194C-0974-GW	FWGLL4mw-195C-0975-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/6/2008
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 U	5 U	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 October 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-0969-GW	FWGLL3mw-240C-0970-GW	FWGLL3mw-241C-0971-GW	FWGLL3mw-243C-0972-GW	FWGLL4mw-193C-0973-GW	FWGLL4mw-194C-0974-GW	FWGLL4mw-195C-0975-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/6/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**1.5 JB**	**1 JB**	**0.88 JB**	**1.1 JB**	**5 JB**	10 U	**1.1 JB**
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 October 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-0976-GW	FWGLL5mw-001-0992-GW	FWGLL5mw-002-0993-GW	FWGLL5mw-003-0994-GW	FWGLL5mw-004-0995-GW	FWGLL5mw-005C-0996-GW	FWGLL5mw-006-0997-GW
Date Collected				10/6/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/13/2008	10/10/2008
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 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 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 October 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-0976-GW	FWGLL5mw-001-0992-GW	FWGLL5mw-002-0993-GW	FWGLL5mw-003-0994-GW	FWGLL5mw-004-0995-GW	FWGLL5mw-005C-0996-GW	FWGLL5mw-006-0997-GW
Date Collected				10/6/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/13/2008	10/10/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**1.7 JB**	10 U	10 U	10 U	10 U	**1.4 JB**	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 October 2008 SVOCs Analytical Results

Station ID				LL6mw-001	LL6mw-002	LL6mw-003	LL6mw-004	LL12mw-088	LL12mw-107	LL12mw-113
Sample ID		MCL	Region 9 PRG	FWGLL6mw-001C-0998-GW	FWGLL6mw-002C-0999-GW	FWGLL6mw-003C-1000-GW	FWGLL6mw-004C-1001-GW	FWGLL12mw-088C-0977-GW	FWGLL12mw-107C-0978-GW	FWGLL12mw-113C-0979-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/7/2008	10/7/2008	10/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	6 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	6 U	5 U	5 U	5 U	5 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	6 U	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ
2,4-Dinitrotoluene	µg/L	NS	73	6 U	5 U	5 U	5 U	5 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	6 U	5 U	5 U	5 U	5 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.24 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	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	6 U	5 U	5 U	5 U	5 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	6 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2.4 U	2 U	2 U	2 U	2 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	6 U	5 U	5 U	5 U	5 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.24 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	0.24 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	0.24 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	0.24 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	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U

Table 3-6 FWGWMP October 2008 SVOCs Analytical Results

Station ID				LL6mw-001	LL6mw-002	LL6mw-003	LL6mw-004	LL12mw-088	LL12mw-107	LL12mw-113
Sample ID		MCL	Region 9 PRG	FWGLL6mw-001C-0998-GW	FWGLL6mw-002C-0999-GW	FWGLL6mw-003C-1000-GW	FWGLL6mw-004C-1001-GW	FWGLL12mw-088C-0977-GW	FWGLL12mw-107C-0978-GW	FWGLL12mw-113C-0979-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/7/2008	10/7/2008	10/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.24 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	12 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzyl alcohol	µg/L	NS	NS	6 U	5 U	5 U	5 U	5 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**1.7 JB**	**1.4 JB**	**1.5 JB**	10 U	**1.8 JB**	**1.2 JB**	**0.97 JB**
Butyl benzyl phthalate	µg/L	NS	7300	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.24 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	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.24 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	0.24 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	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	12 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.24 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	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	6 U	5 U	5 U	5 U	5 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.24 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1.2 U	1 U	1 U	1 U	1 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.24 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 October 2008 SVOCs Analytical Results

Station ID				LL12mw-128	LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189
Sample ID		MCL	Region 9 PRG	FWGLL12mw-128C-0980-GW	FWGLL12mw-154C-0981-GW	FWGLL12mw-184C-0982-GW	FWGLL12mw-185C-0983-GW	FWGLL12mw-187C-0984-GW	FWGLL12mw-188C-0985-GW	FWGLL12mw-189C-0986-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008
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 U	5 UJ	5 UJ	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 October 2008 SVOCs Analytical Results

Station ID				LL12mw-128	LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189
Sample ID		MCL	Region 9 PRG	FWGLL12mw-128C-0980-GW	FWGLL12mw-154C-0981-GW	FWGLL12mw-184C-0982-GW	FWGLL12mw-185C-0983-GW	FWGLL12mw-187C-0984-GW	FWGLL12mw-188C-0985-GW	FWGLL12mw-189C-0986-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**1.1 JB**	**1.1 JB**	**2.6 JB**	**3.2 JB**	**1.7 JB**	**1.3 JB**	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 October 2008 SVOCs Analytical Results

Station ID				LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010	B12mw-011
Sample ID		MCL	Region 9 PRG	FWGLL12mw-242C-0987-GW	FWGLL12mw-243C-0988-GW	FWGLL12mw-244C-0989-GW	FWGLL12mw-245C-0990-GW	FWGLL12mw-246C-0991-GW	FWGB12mw-010-1002-GW	FWGB12mw-011-1003-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008	10/9/2008
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 UJ	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 October 2008 SVOCs Analytical Results

Station ID				LL12mw-242	LL12mw-243	LL12mw-244	LL12mw-245	LL12mw-246	B12mw-010	B12mw-011
Sample ID		MCL	Region 9 PRG	FWGLL12mw-242C-0987-GW	FWGLL12mw-243C-0988-GW	FWGLL12mw-244C-0989-GW	FWGLL12mw-245C-0990-GW	FWGLL12mw-246C-0991-GW	FWGB12mw-010-1002-GW	FWGB12mw-011-1003-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008	10/9/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**2.6 JB**	**1.2 JB**	**1.1 JB**	**3.2 JB**	**5 JB**	**4.5 J**	**0.96 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	**0.26**	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 October 2008 SVOCs Analytical Results

Station ID				B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002
Sample ID		MCL	Region 9 PRG	FWGB12mw-012-1004-GW	FWGCBLmw-001-1005-GW	FWGCBLmw-002-1006-GW	FWGCBLmw-003-1007-GW	FWGCBLmw-004-1008-GW	FWGCBPmw-001-1009-GW	FWGCBPmw-002-1010-GW
Date Collected				10/8-9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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	1.2 U	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.24 U	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U	2 U	2 U	2.4 U	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.24 U	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.24 U	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U	0.2 U	0.2 U	0.24 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	0.24 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	0.24 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	0.24 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	0.24 U	0.2 U	0.2 U

Table 3-6 FWGWMP October 2008 SVOCs Analytical Results

Station ID				B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004	CBPmw-001	CBPmw-002
Sample ID		MCL	Region 9 PRG	FWGB12mw-012-1004-GW	FWGCBLmw-001-1005-GW	FWGCBLmw-002-1006-GW	FWGCBLmw-003-1007-GW	FWGCBLmw-004-1008-GW	FWGCBPmw-001-1009-GW	FWGCBPmw-002-1010-GW
Date Collected				10/8-9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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	0.24 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 U	10 U	10 U	10 U	12 U	10 U	10 U
Benzyl alcohol	µg/L	NS	NS	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	10 U	10 U	**0.82 JB**	**1.8 JB**	10 U	**1.6 JB**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U	0.2 U	0.2 U	0.24 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	0.24 U	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.24 U	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.24 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	0.24 U	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U	10 U	10 U	12 U	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U	1 U	1 U	1.2 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	0.24 U	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U	0.2 U	0.2 U	0.24 U	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U	5 U	5 U	6.1 U	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.24 U	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U	1 U	1 U	1.2 U	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.24 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 October 2008 SVOCs Analytical Results

Station ID				CBPmw-003	CBPmw-004	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-003-1011-GW	FWGCBPmw-004-1012-GW	FWGCBPmw-008-1013-GW	FWGCPmw-001-1014-GW	FWGCPmw-002-1015-GW	FWGCPmw-003-1016-GW	FWGCPmw-004-1017-GW
Date Collected				10/9/2008	10/9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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 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 October 2008 SVOCs Analytical Results

Station ID				CBPmw-003	CBPmw-004	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-003-1011-GW	FWGCBPmw-004-1012-GW	FWGCBPmw-008-1013-GW	FWGCPmw-001-1014-GW	FWGCPmw-002-1015-GW	FWGCPmw-003-1016-GW	FWGCPmw-004-1017-GW
Date Collected				10/9/2008	10/9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	10 U	10 U	**8 J**	10 U	**1.2 J**	**1.4 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 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 October 2008 SVOCs Analytical Results

Station ID				CPmw-005	CPmw-006	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109
Sample ID		MCL	Region 9 PRG	FWGCPmw-005-1018-GW	FWGCPmw-006-1019-GW	FWGDA2mw-104C-1022-GW	FWGDA2mw-105C-1023-GW	FWGDA2mw-106C-1024-GW	FWGDA2mw-108C-1025-GW	FWGDA2mw-109C-1026-GW
Date Collected				10/9/2008	10/9/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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 October 2008 SVOCs Analytical Results

Station ID				CPmw-005	CPmw-006	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109
Sample ID		MCL	Region 9 PRG	FWGCPmw-005-1018-GW	FWGCPmw-006-1019-GW	FWGDA2mw-104C-1022-GW	FWGDA2mw-105C-1023-GW	FWGDA2mw-106C-1024-GW	FWGDA2mw-108C-1025-GW	FWGDA2mw-109C-1026-GW
Date Collected				10/9/2008	10/9/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	10 U	**1.5 J**	**1.7 J**	**1.3 J**	**1.3 J**	**1.4 J**	**2.8 J**
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U	1 U	1 U	1 U	1.1	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 October 2008 SVOCs Analytical Results

Station ID				DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	DETmw-003	DETmw-004	EBGmw-123
Sample ID		MCL	Region 9 PRG	FWGDA2mw-110C-1027-GW	FWGDA2mw-111C-1028-GW	FWGDA2mw-112C-1029-GW	FWGDA2mw-113C-1030-GW	FWGDETmw-003C-1020-GW	FWGDETmw-004C-1021-GW	FWGEBGmw-123C-1031-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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 October 2008 SVOCs Analytical Results

Station ID				DA2mw-110	DA2mw-111	DA2mw-112	DA2mw-113	DETmw-003	DETmw-004	EBGmw-123
Sample ID		MCL	Region 9 PRG	FWGDA2mw-110C-1027-GW	FWGDA2mw-111C-1028-GW	FWGDA2mw-112C-1029-GW	FWGDA2mw-113C-1030-GW	FWGDETmw-003C-1020-GW	FWGDETmw-004C-1021-GW	FWGEBGmw-123C-1031-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**18 J**	**3.4 J**	**2.9 J**	**1.6 J**	**1.3 J**	**2.2 JB**	**13**
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 October 2008 SVOCs Analytical Results

Station ID				EBGmw-124	EBGmw-125
Sample ID		MCL	Region 9 PRG	FWGEBGmw-124C-1032-GW	FWGEBGmw-125C-1033-GW
Date Collected				10/13/2008	10/13/2008
Sample Type				Grab	Grab
Analyte	Units				
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 U
1,2-Dichlorobenzene	µg/L	NS	370	1 U	1 U
1,3-Dichlorobenzene	µg/L	NS	180	1 U	1 U
1,4-Dichlorobenzene	µg/L	NS	0.5	1 U	1 U
2,2-oxybis (1-chloropropane)	µg/L	NS	NS	1 U	1 U
2,4,5-Trichlorophenol	µg/L	NS	3600	5 U	5 U
2,4,6-Trichlorophenol	µg/L	NS	3.6	5 U	5 U
2,4-Dichlorophenol	µg/L	NS	110	2 U	2 U
2,4-Dimethylphenol	µg/L	NS	730	2 U	2 U
2,4-Dinitrophenol	µg/L	NS	73	5 U	5 U
2,4-Dinitrotoluene	µg/L	NS	73	5 U	5 U
2,6-Dinitrotoluene	µg/L	NS	36	5 U	5 U
2-Chloronaphthalene	µg/L	NS	490	1 U	1 U
2-Chlorophenol	µg/L	NS	30	1 U	1 U
2-Methylnaphthalene	µg/L	NS	NS	0.2 U	0.2 U
2-Methylphenol	µg/L	NS	1800	1 U	1 U
2-Nitroaniline	µg/L	NS	110	2 U	2 U
2-Nitrophenol	µg/L	NS	NS	2 U	2 U
3,3'-Dichlorobenzidine	µg/L	NS	0.15	5 U	5 U
3-Nitroaniline	µg/L	NS	3.2	2 U	2 U
4,6-Dinitro-2-methylphenol	µg/L	NS	NS	5 U	5 U
4-Bromophenyl phenyl ether	µg/L	NS	NS	2 U	2 U
4-Chloro-3-methylphenol	µg/L	NS	NS	2 U	2 U
4-Chloroaniline	µg/L	NS	150	2 U	2 U
4-Chlorophenyl phenyl ether	µg/L	NS	NS	2 U	2 U
4-Methylphenol	µg/L	NS	NS	1 U	1 U
4-Nitroanaline	µg/L	NS	3.2	2 U	2 U
4-Nitrophenol	µg/L	NS	NS	5 U	5 U
Acenaphthene	µg/L	NS	NS	0.2 U	0.2 U
Acenaphthylene	µg/L	NS	NS	0.2 U	0.2 U
Anthracene	µg/L	NS	1800	0.2 U	0.2 U
Benzo(a)anthracene	µg/L	NS	0.092	0.2 U	0.2 U
Benzo(a)pyrene	µg/L	0.2	0.0092	0.2 U	0.2 U
Benzo(b)fluoranthene	µg/L	NS	0.092	0.2 U	0.2 U
Benzo(g,h,i)perylene	µg/L	NS	NS	0.2 U	0.2 U

Table 3-6 FWGWMP October 2008 SVOCs Analytical Results

Station ID				EBGmw-124	EBGmw-125
Sample ID		MCL	Region 9 PRG	FWGEBGmw-124C-1032-GW	FWGEBGmw-125C-1033-GW
Date Collected				10/13/2008	10/13/2008
Sample Type				Grab	Grab
Analyte	Units				
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 U	10 U
Benzyl alcohol	µg/L	NS	NS	5 U	5 U
bis(2-Chloroethoxy)methane	µg/L	NS	NS	1 U	1 U
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	**1.4 JB**	10 U
Butyl benzyl phthalate	µg/L	NS	7300	1 U	1 U
Carbazole	µg/L	NS	3.4	1 U	1 U
Chrysene	µg/L	NS	9.2	0.2 U	0.2 U
Dibenzo(a,h)anthracene	µg/L	NS	0.0093	0.2 U	0.2 U
Dibenzofuran	µg/L	NS	12	1 U	1 U
Diethyl phthalate	µg/L	NS	NS	1 U	1 U
Dimethyl phthalate	µg/L	NS	360000	1 U	1 U
Di-n-butyl phthalate	µg/L	NS	NS	1 U	1 U
Di-n-octyl phthalate	µg/L	NS	1500	1 U	1 U
Fluoranthene	µg/L	NS	NS	0.2 U	0.2 U
Fluorene	µg/L	NS	NS	0.2 U	0.2 U
Hexachlorobenzene	µg/L	1	0.042	0.2 U	0.2 U
Hexachlorobutadiene	µg/L	NS	0.86	1 U	1 U
Hexachlorocyclopentadiene	µg/L	50	220	10 U	10 U
Hexachloroethane	µg/L	NS	4.8	1 U	1 U
Indeno(1,2,3-cd)pyrene	µg/L	NS	0.092	0.2 U	0.2 U
Isophorone	µg/L	NS	71	1 U	1 U
Naphthalene	µg/L	NS	6.2	0.2 U	0.2 U
Nitrobenzene	µg/L	NS	3.4	1 U	1 U
N-Nitroso-di-n-propylamine	µg/L	NS	9600	1 U	1 U
N-Nitrosodiphenylamine	µg/L	NS	14	1 U	1 U
Pentachlorophenol	µg/L	1	0.56	5 U	5 U
Phenanthrene	µg/L	NS	NS	0.2 U	0.2 U
Phenol	µg/L	NS	11000	1 U	1 U
Pyrene	µg/L	NS	NS	0.2 U	0.2 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-6 FWGWMP October 2008 SVOCs Analytical Results

Station ID				EBGmw-126	EBGmw-127	EBGmw-128	EBGmw-129	EBGmw-130	FBQmw-166	FBQmw-167
Sample ID		MCL	Region 9 PRG	FWGEBGmw-126C-1034-GW	FWGEBGmw-127C-1035-GW	FWGEBGmw-128C-1036-GW	FWGEBGmw-129C-1037-GW	FWGEBGmw-130C-1038-GW	FWGFBQmw-166-1039-GW	FWGFBQmw-167-1040-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/8/2008	10/8/2008
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 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 October 2008 SVOCs Analytical Results

Station ID				EBGmw-126	EBGmw-127	EBGmw-128	EBGmw-129	EBGmw-130	FBQmw-166	FBQmw-167
Sample ID		MCL	Region 9 PRG	FWGEBGmw-126C-1034-GW	FWGEBGmw-127C-1035-GW	FWGEBGmw-128C-1036-GW	FWGEBGmw-129C-1037-GW	FWGEBGmw-130C-1038-GW	FWGFBQmw-166-1039-GW	FWGFBQmw-167-1040-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/8/2008	10/8/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**0.81 JB**	**1.4 J**	**0.99 JB**	**1.1 J**	**2.8 J**	**1 J**	**1.3 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 October 2008 SVOCs Analytical Results

Station ID				FBQmw-168	FBQmw-169	FBQmw-170	FBQmw-171	FBQmw-172	FBQmw-173	FBQmw-174
Sample ID		MCL	Region 9 PRG	FWGFBQmw-168-1041-GW	FWGFBQmw-169-1042-GW	FWGFBQmw-170-1043-GW	FWGFBQmw-171-1044-GW	FWGFBQmw-172-1045-GW	FWGFBQmw-173-1046-GW	FWGFBQmw-174-1047-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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 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 October 2008 SVOCs Analytical Results

Station ID				FBQmw-168	FBQmw-169	FBQmw-170	FBQmw-171	FBQmw-172	FBQmw-173	FBQmw-174
Sample ID		MCL	Region 9 PRG	FWGFBQmw-168-1041-GW	FWGFBQmw-169-1042-GW	FWGFBQmw-170-1043-GW	FWGFBQmw-171-1044-GW	FWGFBQmw-172-1045-GW	FWGFBQmw-173-1046-GW	FWGFBQmw-174-1047-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	10 U	**1.1 J**	10 U	**0.83 JB**	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 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 October 2008 SVOCs Analytical Results

Station ID				FBQmw-175	FBQmw-176	FBQmw-177	LNWmw-024	LNWmw-025	LNWmw-026	LNWmw-027
Sample ID		MCL	Region 9 PRG	FWGFBQmw-175-1048-GW	FWGFBQmw-176-1049-GW	FWGFBQmw-177-1050-GW	FWGLNWmw-024-1051-GW	FWGLNWmw-025-1052-GW	FWGLNWmw-026-1053-GW	FWGLNWmw-027-1054-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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 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 October 2008 SVOCs Analytical Results

Station ID				FBQmw-175	FBQmw-176	FBQmw-177	LNWmw-024	LNWmw-025	LNWmw-026	LNWmw-027
Sample ID		MCL	Region 9 PRG	FWGFBQmw-175-1048-GW	FWGFBQmw-176-1049-GW	FWGFBQmw-177-1050-GW	FWGLNWmw-024-1051-GW	FWGLNWmw-025-1052-GW	FWGLNWmw-026-1053-GW	FWGLNWmw-027-1054-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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	10 U	10 U	10 U	**4.1 J**	**1.3 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 October 2008 SVOCs Analytical Results

Station ID				MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005	MBSmw-006	NTAmw-107
Sample ID		MCL	Region 9 PRG	FWGMBSmw-001C-1086-GW	FWGMBSmw-002C-1087-GW	FWGMBSmw-003C-1088-GW	FWGMBSmw-004C-1089-GW	FWGMBSmw-005C-1090-GW	FWGMBSmw-006C-1091-GW	FWGNTAmw-107C-1055-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
1,2,4-Trichlorobenzene	µg/L	NS	7.2	1 U	1 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 October 2008 SVOCs Analytical Results

Station ID				MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005	MBSmw-006	NTAmw-107
Sample ID		MCL	Region 9 PRG	FWGMBSmw-001C-1086-GW	FWGMBSmw-002C-1087-GW	FWGMBSmw-003C-1088-GW	FWGMBSmw-004C-1089-GW	FWGMBSmw-005C-1090-GW	FWGMBSmw-006C-1091-GW	FWGNTAmw-107C-1055-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 U	10 U	10 U	10 U	10 U	10 U	10 U
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	**2 JB**	10 U	**2.2 JB**	**1.5 JB**	**0.83 JB**	**0.87 JB**	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 October 2008 SVOCs Analytical Results

Station ID				NTAmw-108	NTAmw-109	NTAmw-110	NTAmw-111	NTAmw-112	NTAmw-113
Sample ID		MCL	Region 9 PRG	FWGNTAmw-108C-1056-GW	FWGNTAmw-109C-1057-GW	FWGNTAmw-110C-1058-GW	FWGNTAmw-111C-1059-GW	FWGNTAmw-112C-1060-GW	FWGNTAmw-113C-1061-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
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 October 2008 SVOCs Analytical Results

Station ID				NTAmw-108	NTAmw-109	NTAmw-110	NTAmw-111	NTAmw-112	NTAmw-113
Sample ID		MCL	Region 9 PRG	FWGNTAmw-108C-1056-GW	FWGNTAmw-109C-1057-GW	FWGNTAmw-110C-1058-GW	FWGNTAmw-111C-1059-GW	FWGNTAmw-112C-1060-GW	FWGNTAmw-113C-1061-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
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 U	10 U	10 U	10 U	10 U	10 U
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	**1.1 JB**	10 U	10 U	10 U	**3.1 JB**	**1.2 JB**
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 October 2008 SVOCs Analytical Results

Station ID				NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117	NTAmw-118
Sample ID		MCL	Region 9 PRG	FWGNTAmw-114C-1062-GW	FWGNTAmw-115C-1063-GW	FWGNTAmw-116C-1064-GW	FWGNTAmw-117C-1065-GW	FWGNTAmw-118C-1066-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				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
1,2-Dichlorobenzene	µg/L	NS	370	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
1,4-Dichlorobenzene	µg/L	NS	0.5	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
2,4,5-Trichlorophenol	µg/L	NS	3600	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
2,4-Dichlorophenol	µg/L	NS	110	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
2,4-Dinitrophenol	µg/L	NS	73	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
2,6-Dinitrotoluene	µg/L	NS	36	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
2-Chlorophenol	µg/L	NS	30	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
2-Methylphenol	µg/L	NS	1800	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-Nitrophenol	µg/L	NS	NS	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
3-Nitroaniline	µg/L	NS	3.2	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
4-Bromophenyl phenyl ether	µg/L	NS	NS	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
4-Chloroaniline	µg/L	NS	150	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
4-Methylphenol	µg/L	NS	NS	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
4-Nitrophenol	µg/L	NS	NS	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
Acenaphthylene	µg/L	NS	NS	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
Benzo(a)anthracene	µg/L	NS	0.092	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
Benzo(b)fluoranthene	µg/L	NS	0.092	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

Table 3-6 FWGWMP October 2008 SVOCs Analytical Results

Station ID				NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117	NTAmw-118
Sample ID		MCL	Region 9 PRG	FWGNTAmw-114C-1062-GW	FWGNTAmw-115C-1063-GW	FWGNTAmw-116C-1064-GW	FWGNTAmw-117C-1065-GW	FWGNTAmw-118C-1066-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				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
Benzoic acid	µg/L	NS	150000	10 U	10 U	10 U	10 U	10 U
Benzyl alcohol	µg/L	NS	NS	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
bis(2-Chloroethyl) ether	µg/L	NS	0.001	1 U	1 U	1 U	1 U	1 U
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	**1 JB**	**1.1 JB**	**1.5 JB**	**0.91 JB**
Butyl benzyl phthalate	µg/L	NS	7300	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
Chrysene	µg/L	NS	9.2	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
Dibenzofuran	µg/L	NS	12	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
Dimethyl phthalate	µg/L	NS	360000	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
Di-n-octyl phthalate	µg/L	NS	1500	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
Fluorene	µg/L	NS	NS	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
Hexachlorobutadiene	µg/L	NS	0.86	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
Hexachloroethane	µg/L	NS	4.8	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
Isophorone	µg/L	NS	71	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
Nitrobenzene	µg/L	NS	3.4	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
N-Nitrosodiphenylamine	µg/L	NS	14	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
Phenanthrene	µg/L	NS	NS	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
Pyrene	µg/L	NS	NS	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 October 2008 SVOCs 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-1067-GW	FWGRQLmw-008C-1068-GW	FWGRQLmw-009C-1069-GW	FWGRQLmw-012C-1071-GW	FWGRQLmw-013C-1071-GW	FWGRQLmw-014C-1072-GW	FWGRQLmw-015C-1073-GW
Date Collected				10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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 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
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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

Table 3-6 FWGWMP October 2008 SVOCs 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-1067-GW	FWGRQLmw-008C-1068-GW	FWGRQLmw-009C-1069-GW	FWGRQLmw-012C-1071-GW	FWGRQLmw-013C-1071-GW	FWGRQLmw-014C-1072-GW	FWGRQLmw-015C-1073-GW
Date Collected				10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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	**3.3 J**	10 U	**0.94 J**	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 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 October 2008 SVOCs Analytical Results

Station ID				RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011	WBGmw-012
Sample ID		MCL	Region 9 PRG	FWGRQLmw-016C-1074-GW	FWGRQLmw-017C-1075-GW	FWGWBGmw-005C-1076-GW	FWGWBGmw-008C-1077-GW	FWGWBGmw-010C-1078-GW	FWGWBGmw-011C-1079-GW	FWGWBGmw-012C-1080-GW
Date Collected				10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/8/2008
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 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
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 U	10 U	10 U	10 U	10 U	10 U	10 U
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

Table 3-6 FWGWMP October 2008 SVOCs Analytical Results

Station ID				RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011	WBGmw-012
Sample ID		MCL	Region 9 PRG	FWGRQLmw-016C-1074-GW	FWGRQLmw-017C-1075-GW	FWGWBGmw-005C-1076-GW	FWGWBGmw-008C-1077-GW	FWGWBGmw-010C-1078-GW	FWGWBGmw-011C-1079-GW	FWGWBGmw-012C-1080-GW
Date Collected				10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/8/2008
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	10 U	10 UJ	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 October 2008 SVOCs Analytical Results

Station ID				WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-013C-1081-GW	FWGWBGmw-014C-1082-GW	FWGWBGmw-015C-1083-GW	FWGWBGmw-016C-1084-GW	FWGWBGmw-017C-1085-GW
Date Collected				10/8/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
Sample Type				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
1,2-Dichlorobenzene	µg/L	NS	370	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
1,4-Dichlorobenzene	µg/L	NS	0.5	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
2,4,5-Trichlorophenol	µg/L	NS	3600	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
2,4-Dichlorophenol	µg/L	NS	110	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
2,4-Dinitrophenol	µg/L	NS	73	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
2,6-Dinitrotoluene	µg/L	NS	36	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
2-Chlorophenol	µg/L	NS	30	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
2-Methylphenol	µg/L	NS	1800	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-Nitrophenol	µg/L	NS	NS	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
3-Nitroaniline	µg/L	NS	3.2	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
4-Bromophenyl phenyl ether	µg/L	NS	NS	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
4-Chloroaniline	µg/L	NS	150	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
4-Methylphenol	µg/L	NS	NS	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
4-Nitrophenol	µg/L	NS	NS	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
Acenaphthylene	µg/L	NS	NS	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
Benzo(a)anthracene	µg/L	NS	0.092	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
Benzo(b)fluoranthene	µg/L	NS	0.092	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
Benzo(k)fluoranthene	µg/L	NS	0.92	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Benzoic acid	µg/L	NS	150000	10 U	10 U	10 U	10 U	10 U
Benzyl alcohol	µg/L	NS	NS	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

Table 3-6 FWGWMP October 2008 SVOCs Analytical Results

Station ID				WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-013C-1081-GW	FWGWBGmw-014C-1082-GW	FWGWBGmw-015C-1083-GW	FWGWBGmw-016C-1084-GW	FWGWBGmw-017C-1085-GW
Date Collected				10/8/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
Sample Type				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
bis(2-Ethylhexyl) phthalate	µg/L	NS	4.8	10 U	**2.2 J**	10 U	**1.4 J**	10 U
Butyl benzyl phthalate	µg/L	NS	7300	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
Chrysene	µg/L	NS	9.2	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
Dibenzofuran	µg/L	NS	12	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
Dimethyl phthalate	µg/L	NS	360000	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
Di-n-octyl phthalate	µg/L	NS	1500	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
Fluorene	µg/L	NS	NS	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
Hexachlorobutadiene	µg/L	NS	0.86	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
Hexachloroethane	µg/L	NS	4.8	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
Isophorone	µg/L	NS	71	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
Nitrobenzene	µg/L	NS	3.4	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
N-Nitrosodiphenylamine	µg/L	NS	14	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
Phenanthrene	µg/L	NS	NS	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
Pyrene	µg/L	NS	NS	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 October 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 October 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-0955-GW	FWGLL1mw-064C-0956-GW	FWGLL1mw-065C-0957-GW	FWGLL1mw-079C-0958-GW	FWGLL2mw-060C-0959-GW	FWGLL2mw-261C-0960-GW	FWGLL2mw-264C-0961-GW	FWGLL2mw-265C-0962-GW	FWGLL2mw-268C-0963-GW
Date Collected				10/6-10/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/6/2008
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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	0.03 UJ
alpha-BHC	µg/L	NS	0.011	**0.012 J**	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.069 UJ	0.03 U	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.025 U	0.025 U	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 UJ	0.025 U	0.025 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	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 UJ	0.03 U	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	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 U	0.5 U	0.5 U	0.5 U	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 October 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-0964-GW	FWGLL3mw-232C-0965-GW	FWGLL3mw-233C-0966-GW	FWGLL3mw-234C-0967-GW	FWGLL3mw-235C-0968-GW	FWGLL3mw-237C-0969-GW	FWGLL3mw-240C-0970-GW	FWGLL3mw-241C-0971-GW	FWGLL3mw-243C-0972-GW
Date Collected				10/6/2008	10/6/2008	10/6/2008	10/6/2008	10/7-9/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008
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 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 U	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 U	**0.02 J**	0.03 U	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 U	0.03 U	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 U	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 U	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 U	0.025 UJ	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 U	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 U	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 U	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	0.018 J	0.03 U	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 U	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 U	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 U	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 U	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 U	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	0.03 U	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 U	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 U
Toxaphene	µg/L	3	0.061	2 U	2 U	2 UJ	2 U	2 UJ	2 U	2 U	2 U	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
PCB- 1221	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
PCB- 1232	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
PCB- 1242	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
PCB- 1248	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
PCB- 1254	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U
PCB- 1260	µg/L	0.5	0.034	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 U	0.5 U	0.5 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP October 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-0973-GW	FWGLL4mw-194C-0974-GW	FWGLL4mw-195C-0975-GW	FWGLL4mw-200C-0976-GW	FWGLL5mw-001-0992-GW	FWGLL5mw-002-0993-GW	FWGLL5mw-003-0994-GW	FWGLL5mw-004-0995-GW	FWGLL5mw-005C-0996-GW
Date Collected				10/7/2008	10/7/2008	10/6/2008	10/6/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/13/2008
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 UJ	0.03 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
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 UJ	0.025 UJ	0.025 UJ
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 UJ	0.025 UJ	0.025 UJ
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 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	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 U	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 U	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 U	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 U	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	**0.41 J**	0.5 U	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 U	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 U	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				LL5mw-006	LL6mw-001	LL6mw-002	LL6mw-003	LL6mw-004	LL12mw-088	LL12mw-107	LL12mw-113	LL12mw-128
Sample ID		MCL	Region 9 PRG	FWGLL5mw-006-0997-GW	FWGLL6mw-001C-0998-GW	FWGLL6mw-002C-0999-GW	FWGLL6mw-003C-1000-GW	FWGLL6mw-004C-1001-GW	FWGLL12mw-088C-0977-GW	FWGLL12mw-107C-0978-GW	FWGLL12mw-113C-0979-GW	FWGLL12mw-128C-0980-GW
Date Collected				10/10/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008
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 UJ	0.03 UJ	0.03 U	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 UJ	0.03 U	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 UJ	0.03 U	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 UJ	0.03 U	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 UJ	0.03 U	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 UJ	0.03 U	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	**0.025 J**	0.03 UJ	0.03 U	0.03 UJ	0.03 U	**0.022 J**	**0.011 J**	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	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 UJ	0.03 U	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 UJ	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 U	0.025 UJ	0.025 UJ	0.025 U	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 UJ	0.03 U	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 UJ	0.03 U	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 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ
Gamma-BHC	µg/L	0.2	0.052	0.03 U	0.03 UJ	**0.0089 J**	0.03 U	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 UJ	0.03 U	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 UJ	0.03 U	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 UJ	0.03 U	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 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 UJ
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 UJ	2 U	2 UJ	2 U	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 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 October 2008 Pesticides and PCBs Analytical Results

Station ID				LL12mw-154	LL12mw-184	LL12mw-185	LL12mw-187	LL12mw-188	LL12mw-189	LL12mw-242	LL12mw-243	LL12mw-244
Sample ID		MCL	Region 9 PRG	FWGLL12mw-154C-0981-GW	FWGLL12mw-184C-0982-GW	FWGLL12mw-185C-0983-GW	FWGLL12mw-187C-0984-GW	FWGLL12mw-188C-0985-GW	FWGLL12mw-189C-0986-GW	FWGLL12mw-242C-0987-GW	FWGLL12mw-243C-0988-GW	FWGLL12mw-244C-0989-GW
Date Collected				10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/7/2008	10/8/2008	10/7/2008	10/7/2008	10/7/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	**0.012 J**	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	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 UJ	0.025 UJ	0.025 UJ	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 UJ	0.025 UJ	0.025 UJ	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 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 R	0.03 UJ	0.03 UJ	0.03 UJ
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 UJ	0.03 UJ	0.03 UJ	0.03 UJ
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 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 UJ	2 UJ	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				LL12mw-245	LL12mw-246	B12mw-010	B12mw-011	B12mw-012	CBLmw-001	CBLmw-002	CBLmw-003	CBLmw-004
Sample ID		MCL	Region 9 PRG	FWGLL12mw-245C-0990-GW	FWGLL12mw-246C-0991-GW	FWGB12mw-010-1002-GW	FWGB12mw-011-1003-GW	FWGB12mw-012-1004-GW	FWGCBLmw-001-1005-GW	FWGCBLmw-002-1006-GW	FWGCBLmw-003-1007-GW	FWGCBLmw-004-1008-GW
Date Collected				10/7/2008	10/7/2008	10/8/2008	10/9/2008	10/8-9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units											
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
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 U	0.03 UJ	0.03 UJ	0.03 U
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 U	0.03 UJ	0.03 UJ	0.03 U
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 UJ	**0.023 J**	0.03 U	**0.018 JB**	0.03 U	0.03 UJ	0.03 UJ	**0.01 J**
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
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 U	0.03 UJ	0.03 UJ	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 U
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 U	0.03 UJ	0.03 UJ	0.03 U
Methoxychlor	µg/L	40	180	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 UJ	2 U	2 U	2 U	2 UJ	2 UJ	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	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 UJ	0.5 UJ	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 UJ	0.5 UJ	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 UJ	0.5 UJ	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 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 UJ	**0.11 J**
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 UJ	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 UJ	0.5 UJ	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				CBPmw-001	CBPmw-002	CBPmw-003	CBPmw-004	CBPmw-008	CPmw-001	CPmw-002	CPmw-003	CPmw-004
Sample ID		MCL	Region 9 PRG	FWGCBPmw-001-1009-GW	FWGCBPmw-002-1010-GW	FWGCBPmw-003-1011-GW	FWGCBPmw-004-1012-GW	FWGCBPmw-008-1013-GW	FWGCPmw-001-1014-GW	FWGCPmw-002-1015-GW	FWGCPmw-003-1016-GW	FWGCPmw-004-1017-GW
Date Collected				10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/10/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
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 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	**0.014 J**	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 UJ	2 U	2 UJ	2 U	2 U	2 UJ	2 U	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 U	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 U	0.5 UJ	0.5 U	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 U	0.5 UJ	0.5 U	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 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	**0.11 J**	**0.22 J**	0.5 U	**0.1 J**	0.5 U	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 U	0.5 UJ	0.5 U	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 U	0.5 UJ	0.5 U	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				CPmw-005	CPmw-006	DA2mw-104	DA2mw-105	DA2mw-106	DA2mw-108	DA2mw-109	DA2mw-110	DA2mw-111
Sample ID		MCL	Region 9 PRG	FWGCPmw-005-1018-GW	FWGCPmw-006-1019-GW	FWGDA2mw-104C-1022-GW	FWGDA2mw-105C-1023-GW	FWGDA2mw-106C-1024-GW	FWGDA2mw-108C-1025-GW	FWGDA2mw-109C-1026-GW	FWGDA2mw-110C-1027-GW	FWGDA2mw-111C-1028-GW
Date Collected				10/9/2008	10/9/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 UJ	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	**0.011 J**	0.03 UJ	0.03 U	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 UJ	0.03 U	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 U	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Methoxychlor	µg/L	40	180	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 UJ	2 U	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 U	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 UJ	0.5 U	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 UJ	0.5 U	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 UJ	0.5 U	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 UJ	0.5 U	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 UJ	0.5 U	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 UJ	0.5 U	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				DA2mw-112	DA2mw-113	DETmw-003	DETmw-004	EBGmw-123	EBGmw-124	EBGmw-125	EBGmw-126	EBGmw-127
Sample ID		MCL	Region 9 PRG	FWGDA2mw-112C-1029-GW	FWGDA2mw-113C-1030-GW	FWGDETmw-003C-1020-GW	FWGDETmw-004C-1021-GW	FWGEBGmw-123C-1031-GW	FWGEBGmw-124C-1032-GW	FWGEBGmw-125C-1033-GW	FWGEBGmw-126C-1034-GW	FWGEBGmw-127C-1035-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008	10/13/2008
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 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 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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	**0.028 J**	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.025 UJ	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 UJ	0.025 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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	**0.012 J**	0.03 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	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 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 U	2 U	2 UJ	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 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 U	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 U	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 U	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 U	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 U	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 U	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 October 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-1036-GW	FWGEBGmw-129C-1037-GW	FWGEBGmw-130C-1038-GW	FWGFBQmw-166-1039-GW	FWGFBQmw-167-1040-GW	FWGFBQmw-168-1041-GW	FWGFBQmw-169-1042-GW	FWGFBQmw-170-1043-GW	FWGFBQmw-171-1044-GW
Date Collected				10/13/2008	10/13/2008	10/13/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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 UJ	0.03 U	0.03 U	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 U	0.03 UJ	0.03 U	0.03 U	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 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Aldrin	µg/L	NS	0.003	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
delta-BHC	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	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 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 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin	µg/L	2	11	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	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 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 R	0.03 R	0.03 R	0.03 R
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 U
Methoxychlor	µg/L	40	180	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Toxaphene	µg/L	3	0.061	2 U	2 UJ	2 U	2 U	2 UJ	2 UJ	2 UJ	2 U	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
PCB- 1221	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
PCB- 1232	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
PCB- 1242	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
PCB- 1248	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
PCB- 1254	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U
PCB- 1260	µg/L	0.5	0.034	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 UJ	0.5 U	0.5 U

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP October 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-172-1045-GW	FWGFBQmw-173-1046-GW	FWGFBQmw-174-1047-GW	FWGFBQmw-175-1048-GW	FWGFBQmw-176-1049-GW	FWGFBQmw-177-1050-GW	FWGLNWmw-024-1051-GW	FWGLNWmw-025-1052-GW	FWGLNWmw-026-1053-GW
Date Collected				10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008	10/8/2008
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 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.03 U	**0.011 J**	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
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 UJ	0.03 UJ	0.03 U	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 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 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.025 U	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
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 UJ	0.03 UJ	0.03 U	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 R	0.03 R	0.03 R	0.03 R	0.03 UJ	0.03 R	0.03 UJ	0.03 U	0.03 R
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
Toxaphene	µg/L	3	0.061	2 U	2 U	2 U	2 UJ	2 UJ	2 UJ	2 UJ	2 U	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 U	0.5 U	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 U	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 U	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 U	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 U	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 U	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 U	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				LNWmw-027	MBSmw-001	MBSmw-002	MBSmw-003	MBSmw-004	MBSmw-005	MBSmw-006
Sample ID		MCL	Region 9 PRG	FWGLNWmw-027-1054-GW	FWGMBSmw-001C-1086-GW	FWGMBSmw-002C-1087-GW	FWGMBSmw-003C-1088-GW	FWGMBSmw-004C-1089-GW	FWGMBSmw-005C-1090-GW	FWGMBSmw-006C-1091-GW
Date Collected				10/8/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				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 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 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 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 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 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 U	0.03 U	0.03 U	0.03 UJ	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 U	0.03 U	0.03 U	0.03 U	**0.016 J**	**0.01 J**	0.03 UJ
delta-BHC	µg/L	NS	NS	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 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 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	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 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 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 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 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 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 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 R	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 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 U	0.1 U	0.1 U	0.1 UJ	0.1 UJ
Toxaphene	µg/L	3	0.061	2 U	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 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
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
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
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
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
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

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

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

Station ID				NTAmw-107	NTAmw-108	NTAmw-109	NTAmw-110	NTAmw-111	NTAmw-112
Sample ID		MCL	Region 9 PRG	FWGNTAmw-107C-1055-GW	FWGNTAmw-108C-1056-GW	FWGNTAmw-109C-1057-GW	FWGNTAmw-110C-1058-GW	FWGNTAmw-111C-1059-GW	FWGNTAmw-112C-1060-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units								
4,4'-DDD	µg/L	NS	0.28	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 UJ	2 U	2 UJ	2 U	2 UJ
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.5 U	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 U	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 U	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 U	0.5 UJ	0.5 U	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 UJ	0.25 J	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 U	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 U	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				NTAmw-113	NTAmw-114	NTAmw-115	NTAmw-116	NTAmw-117	NTAmw-118
Sample ID		MCL	Region 9 PRG	FWGNTAmw-113C-1061-GW	FWGNTAmw-114C-1062-GW	FWGNTAmw-115C-1063-GW	FWGNTAmw-116C-1064-GW	FWGNTAmw-117C-1065-GW	FWGNTAmw-118C-1066-GW
Date Collected				10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008	10/14/2008
Sample Type				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 U	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 U	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 U	0.03 U
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
alpha-BHC	µg/L	NS	0.011	**0.0072 J**	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
alpha-Chordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 U	0.03 UJ	**0.016 J**	0.03 U
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 U	0.025 UJ	0.025 U	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 UJ	0.03 U	0.03 U	0.03 UJ	0.03 U	0.03 U
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Toxaphene	µg/L	3	0.061	2 UJ	2 U	2 U	2 UJ	2 U	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 UJ
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 U	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 October 2008 Pesticides and PCBs 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-1067-GW	FWGRQLmw-008C-1068-GW	FWGRQLmw-009C-1069-GW	FWGRQLmw-012C-1071-GW	FWGRQLmw-013C-1071-GW	FWGRQLmw-014C-1072-GW	FWGRQLmw-015C-1073-GW
Date Collected				10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008	10/9/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
4,4'-DDD	µg/L	NS	0.28	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	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 UJ
alpha-BHC	µg/L	NS	0.011	0.03 U	**0.0092 J**	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
alpha-Chordane	µg/L	NS	NS	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 U	**0.029 J**	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	**0.019 J**
delta-BHC	µg/L	NS	NS	0.03 U	0.014 J	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 U	0.12 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 U	0.12 UJ	0.025 UJ	0.025 UJ	0.025 UJ	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
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 UJ
gamma-Chlordane	µg/L	NS	NS	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 U	0.03 UJ	**0.0088 J**	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Heptachlor epoxide	µg/L	0.2	0.0074	0.03 U	0.15 UJ	0.03 UJ	0.03 UJ	0.03 UJ	0.03 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 U	0.5 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 UJ
Toxaphene	µg/L	3	0.061	2 U	10 UJ	2 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	0.1 J	0.16 J
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 October 2008 Pesticides and PCBs Analytical Results

Station ID				RQLmw-016	RQLmw-017	WBGmw-005	WBGmw-008	WBGmw-010	WBGmw-011	WBGmw-012
Sample ID		MCL	Region 9 PRG	FWGRQLmw-016C-1074-GW	FWGRQLmw-017C-1075-GW	FWGWBGmw-005C-1076-GW	FWGWBGmw-008C-1077-GW	FWGWBGmw-010C-1078-GW	FWGWBGmw-011C-1079-GW	FWGWBGmw-012C-1080-GW
Date Collected				10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008	10/8/2008
Sample Type				Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte	Units									
4,4'-DDD	µg/L	NS	0.28	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
4,4'-DDE	µg/L	NS	0.2	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
4,4'-DDT	µg/L	NS	0.2	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Aldrin	µg/L	NS	0.003	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
alpha-Chordane	µg/L	NS	NS	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
beta-BHC	µg/L	NS	0.032	0.03 UJ	**0.02 J**	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Dieldrin	µg/L	NS	0.0023	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endosulfan I	µg/L	NS	0.022	0.12 UJ	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.12 UJ	0.025 U	0.025 UJ	0.025 U	0.025 UJ	0.025 UJ	0.025 U
Endosulfan sulfate	µg/L	NS	NS	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endrin	µg/L	2	11	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endrin aldehyde	µg/L	NS	11	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Endrin ketone	µg/L	NS	NS	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
gamma-Chlordane	µg/L	NS	NS	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Heptachlor	µg/L	0.4	0.015	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Heptachlor epoxide	µg/L	0.2	0.0074	0.15 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ	0.03 UJ	0.03 U
Methoxychlor	µg/L	40	180	0.5 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ	0.1 UJ	0.1 U
Toxaphene	µg/L	3	0.061	10 UJ	2 U	2 UJ	2 U	2 UJ	2 UJ	2 U
PCB- 1016	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U
PCB- 1221	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U
PCB- 1232	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U
PCB- 1242	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U
PCB- 1248	µg/L	0.5	0.034	0.5 UJ	**0.26 J**	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U
PCB- 1254	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 U	0.5 UJ	0.5 UJ	0.5 U
PCB- 1260	µg/L	0.5	0.034	0.5 UJ	0.5 U	0.5 UJ	0.5 U	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 October 2008 Pesticides and PCBs Analytical Results

Station ID				WBGmw-013	WBGmw-014	WBGmw-015	WBGmw-016	WBGmw-017
Sample ID		MCL	Region 9 PRG	FWGWBGmw-013C-1081-GW	FWGWBGmw-014C-1082-GW	FWGWBGmw-015C-1083-GW	FWGWBGmw-016C-1084-GW	FWGWBGmw-017C-1085-GW
Date Collected				10/8/2008	10/10/2008	10/10/2008	10/10/2008	10/10/2008
Sample Type				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 U	0.03 UJ
4,4'-DDE	µg/L	NS	0.2	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
4,4'-DDT	µg/L	NS	0.2	0.03 UJ	0.03 U	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 U	0.03 UJ
alpha-BHC	µg/L	NS	0.011	0.03 UJ	0.03 U	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 U	0.03 UJ
beta-BHC	µg/L	NS	0.032	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
delta-BHC	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Dieldrin	µg/L	NS	0.0023	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endosulfan I	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 UJ
Endosulfan II	µg/L	NS	0.022	0.025 UJ	0.025 U	0.025 UJ	0.025 U	0.025 UJ
Endosulfan sulfate	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin	µg/L	2	11	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin aldehyde	µg/L	NS	11	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Endrin ketone	µg/L	NS	NS	0.03 UJ	0.03 U	0.03 UJ	0.03 U	0.03 UJ
Gamma-BHC	µg/L	0.2	0.052	0.03 UJ	0.03 U	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 U	0.03 UJ
Heptachlor	µg/L	0.4	0.015	0.03 R	0.03 U	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 U	0.03 UJ
Methoxychlor	µg/L	40	180	0.1 UJ	0.1 U	0.1 UJ	0.1 U	0.1 UJ
Toxaphene	µg/L	3	0.061	2 UJ	2 U	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
PCB- 1221	µg/L	0.5	0.034	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
PCB- 1242	µg/L	0.5	0.034	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
PCB- 1254	µg/L	0.5	0.034	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

Notes:

NS = no standard

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-7 FWGWMP October 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.

Table 3-8 FWGWMP October 2008 Perchlorate Analytical Results

Station ID	Sample ID	Date Collected	Perchlorate ug/L
B12mw-010	FWGB12mw-010C-1002-GF	10/8/2008	**0.049 J**
B12mw-011	FWGB12mw-011C-1003-GF	10/9/2008	**0.05**
B12mw-012	FWGB12mw-012C-1004-GF	10/8-9/2008	**0.055**
CBPmw-001	FWGCBPmw-001C-1009-GF	10/9/2008	**0.03 J**
CBPmw-002	FWGCBPmw-002C-1010-GF	10/9/2008	**0.019 J**
CBPmw-003	FWGCBPmw-003C-1011-GF	10/9/2008	**0.025 J**
CBPmw-004	FWGCBPmw-004C-1012-GF	10/9/2008	0.05 U
CBPmw-005	FWGCBPmw-005C-1092-GF	10/8/2008	**0.034 J**
CBPmw-008	FWGCBPmw-008C-1013-GF	10/10/2008	**0.029 J**
CPmw-001	FWGCPmw-001C-1014-GF	10/9/2008	0.05 U
CPmw-002	FWGCPmw-002C-1015-GF	10/9/2008	**0.035 J**
CPmw-003	FWGCPmw-003C-1016-GF	10/9/2008	**0.031 J**
CPmw-004	FWGCPmw-004C-1017-GF	10/9/2008	**0.036 J**
CPmw-005	FWGCPmw-005C-1018-GF	10/9/2008	**0.028 J**
CPmw-006	FWGCPmw-006C-1019-GF	10/9/2008	0.05 UJ
DA2mw-104	FWGDA2mw-104C-1022-GF	10/13/2008	**0.24**
DA2mw-105	FWGDA2mw-105C-1023-GF	10/13/2008	0.05 U
EBGmw-123	FWGEBGmw-123C-1031-GF	10/13/2008	**0.031 J**
EBGmw-124	FWGEBGmw-124C-1032-GF	10/13/2008	**0.031 J**
LL12mw-188	FWGLL12mw-188C-0985-GF	10/7/2008	0.05 U
LL12mw-189	FWGLL12mw-189C-0986-GF	10/8/2008	0.05 U
LL12mw-246	FWGLL12mw-246C-0991-GF	10/7/2008	**0.033 J**
LL5mw-001	FWGLL5mw-001C-0992-GF	10/10/2008	**0.033 J**
LL5mw-002	FWGLL5mw-002C-0993-GF	10/10/2008	**0.031 J**
LL5mw-003	FWGLL5mw-003C-0994-GF	10/10/2008	**0.056**
LL5mw-004	FWGLL5mw-004C-0995-GF	10/10/2008	**0.069**
LL5mw-005	FWGLL5mw-005C-0996-GF	10/13/2008	**0.031 J**
LL5mw-006	FWGLL5mw-006C-0997-GF	10/10/2008	**0.013 J**
LNWmw-024	FWGLNWmw-024C-1051-GF	10/8/2008	**0.054**
LNWmw-025	FWGLNWmw-025C-1052-GF	10/8/2008	**0.032 J**
LNWmw-026	FWGLNWmw-026C-1053-GF	10/8/2008	**0.041 J**
LNWmw-027	FWGLNWmw-027C-1054-GF	10/8/2008	0.05 U
MBSmw-001	FWGMBSmw-001C-1086-GF	10/14/2008	**0.021 J**
MBSmw-002	FWGMBSmw-002C-1087-GF	10/14/2008	**0.029 J**
MBSmw-003	FWGMBSmw-003C-1088-GF	10/14/2008	**0.042 J**
MBSmw-004	FWGMBSmw-004C-1089-GF	10/14/2008	**0.019 J**
MBSmw-005	FWGMBSmw-005C-1090-GF	10/14/2008	**0.031 J**
MBSmw-006	FWGMBSmw-006C-1091-GF	10/14/2008	**0.04 J**
NTAmw-107	FWGNTAmw-107C-1055-GF	10/14/2008	**0.024 J**
NTAmw-108	FWGNTAmw-108C-1056-GF	10/14/2008	**0.032 J**
NTAmw-109	FWGNTAmw-109C-1057-GF	10/14/2008	**0.068**
NTAmw-110	FWGNTAmw-110C-1058-GF	10/14/2008	**0.037 J**
NTAmw-111	FWGNTAmw-111C-1059-GF	10/14/2008	0.05 U
NTAmw-116	FWGNTAmw-116C-1064-GF	10/14/2008	**0.061**
NTAmw-117	FWGNTAmw-117C-1065-GF	10/14/2008	**0.054**
NTAmw-118	FWGNTAmw-118C-1066-GF	10/14/2008	**0.038 J**
RQLmw-012	FWGRQLmw-012C-1070-GF	10/9/2008	**0.066**

Table 3-8 FWGWMP October 2008 Perchlorate Analytical Results

Station ID	Sample ID	Date Collected	Perchlorate ug/L
RQLmw-013	FWGRQLmw-013C-1071-GF	10/9/2008	0.05 U
RQLmw-014	FWGRQLmw-014C-1072-GF	10/9/2008	**0.025 J**
RQLmw-015	FWGRQLmw-015C-1073-GF	10/9/2008	**0.03 J**
RQLmw-016	FWGRQLmw-016C-1074-GF	10/9/2008	**0.036 J**
RQLmw-017	FWGRQLmw-017C-1075-GF	10/9/2008	0.05 U
WBGmw-005	FWGWBGmw-005C-1076-GF	10/10/2008	**0.03 J**
WBGmw-008	FWGWBGmw-008C-1077-GF	10/10/2008	**0.025 J**
WBGmw-010	FWGWBGmw-010C-1078-GF	10/10/2008	**0.091 J**
WBGmw-011	FWGWBGmw-011C-1079-GF	10/10/2008	**0.047 J**
WBGmw-012	FWGWBGmw-012C-1080-GF	10/8/2008	**0.088**
WBGmw-013	FWGWBGmw-013C-1081-GF	10/8/2008	**0.11**
WBGmw-014	FWGWBGmw-014C-1082-GF	10/10/2008	**0.027 J**
WBGmw-015	FWGWBGmw-015C-1083-GF	10/10/2008	**0.014 J**
WBGmw-016	FWGWBGmw-016C-1084-GF	10/10/2008	0.05 U
WBGmw-017	FWGWBGmw-017C-1085-GF	10/10/2008	0.05 U

Notes:

All samples were collected as a grab sample.

Region 9 PRG for Perchlorate is 3.6 µg/L.

On February 18, 2005, the USEPA established a Drinking Water Equivalent Level (DWEL) for perchlorate which is set at 24.5 ug/L.

Bold = detected compound above the MDL

N/A = Not Analyzed

Table 3-8 FWGWMP October 2008 Perchlorate 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 October 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 October 6, 2008 through October 15, 2008. During this event, thirty-five trip blanks were submitted for volatile organic analysis to TestAmerica. On October 6, 2008 the trip blanks submitted by Team 4 and Team 5 were empty (there was no water in the sample containers). Upon notification (October 7, 2008) by the laboratory, the Ohio EPA was notified (Vicki Deppisch), and the need for resampling of the affected wells was discussed. Based on the discussion with the Ohio EPA it was determined that resampling was not necessary. Note that the only VOCs detected in the affected wells (LL1mw-065, LL1mw-079, LL4mw-200, LL1mw-064, and LL4mw-195) were acetone and benzene associated with method blank contamination found in a majority of the samples analyzed in this particular SDG.

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 October 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 10/6/08

A8J070102 and A8J070115

- Benzene was detected in all the method blanks. The method blanks analyzed 10/13/08, 10/14/08 and 10/15/08 had benzene detected at 0.4ug/L, 0.38ug/L and 0.41ug/L, respectively. All detected benzene results< 5x method blank contamination were qualified, "B".
- All trip blanks had detected acetone contamination ranging from 3.9-8.7ug/L and benzene contamination ranging from 0.28-0.44ug/L. Detected acetone results<10x trip blank contamination were qualified "B". Detected benzene results<5x trip blank contamination were qualified "B".
- Bis(2-Ethylhexyl)phthalate was detected in the method blank for batch 8283026 at 1.6ug/L, bis (2-Ethylhexyl)phthalate results<10x contamination were qualified, "B".
- Potassium was detected in the method blank associated with batch 8282014 at 123ug/L. Detected associated potassium results <5x blank contamination were qualified, "B".
- Zinc was detected in the method blank associated with batch 8282014 at 3.4ug/L. Detected associated zinc results <5x blank contamination were qualified, "B".
- Zinc was detected in the method blank associated with batch 8289012. No qualifications were made as all the zinc results associated with this batch were either not detected or >5x blank contamination.
- FWGEQUIPRinse1-1121-GW had several detected analytes:
  - 2-butanone detected at 4.6ug/L and acetone at 160ug/L. No qualifications were made for 2-butanone as there were detections for 2-butanone in the samples. Detected acetone results <10x equipment rinse contamination were qualified, "B".
  - Benzyl alcohol detected at 3.0ug/L, bis(2-ethylhexyl)phthalate at 2.0ug/L, diethyl phthalate at 4.0ug/L, dimethyl phthalate at 1.3ug/L, di-n-butyl phthalate at 0.92ug/L and isophorone at 0.28ug/L. bis (2-Ethylhexyl)phthalate results<10x contamination were qualified, "B". As bis (2-Ethylhexyl) phthalate was the only rinse blank contaminant detected in the samples, no qualifications were made for the other contaminants.
  - Potassium detected at 155ug/L and manganese at 1.5ug/L. Detected potassium results <5x contamination were qualified "B". No qualifications were made for manganese as all the manganese results were either not detected or >5x blank contamination.
  - Zinc detected at 2.6ug/L and iron at 110ug/L. Detected zinc and iron results <5x contamination were qualified "B".
  - 2,4-Dinitrotoluene was detected at 0.18ug/L and RDX at 0.16ug/L. No qualifications were made for 2,4-Dinitrotoluene as there were no detections in the associated samples. Samples FWGLL2mw-268c-0963-GW, FWGLL3mw-234c-0967-GW and FWGLL3mw-DUP2-1094-GW

were qualified, "B" as the RDX detections were less than 5x the associated equipment rinse contamination.

Samples from 10/7/08

A8J080105

- Benzene was detected in the method blanks at 0.32ug/to 0.41ug/L. All detected benzene results < 5x method blank contamination were qualified, "B".
- All trip blanks had detected acetone contamination ranging from 2.0-2.6ug/L and benzene contamination ranging from 0.25-0.39ug/L. Detected acetone results<10x trip blank contamination were qualified "B". Detected benzene results<5x trip blank contamination were qualified "B".
- bis (2-Ethylhexyl)phthalate was detected in the method blanks at 1.6ug/L and 1.4ug/L. bis (2-Ethylhexyl) phthalate results<5x contamination were qualified, "B".
- In the method blank associated with batch 8283018, manganese was detected at 0.68ug/L, potassium at 149ug/L, aluminum was detected at 23.2ug/L, iron at 31.1ug/L and zinc at 3.7ug/L. Associated zinc and iron results <5x blank contamination were qualified, "B". No qualifications were made due to method blank contamination, as there were no detected concentrations in the associated samples of the other method blank contaminants.
- In the method blank associated with batch 8283019, barium was detected at 0.91ug/L, calcium at 185ug/L, manganese at 1.0ug/L, potassium at 160ug/L, aluminum was detected at 24.4ug/L, iron at 65.2ug/L and zinc at 10.3ug/L. Associated barium, manganese, potassium, aluminum, iron and zinc results <5x blank contamination were qualified, "B". No other qualifications due to method blank contamination were made, as there were no detected concentrations in the associated samples of the other method blank contaminants.
- Zinc was detected in the method blank associated with batch 8289012 at 2.6ug/L. Associated zinc results <10 blank contamination were qualified, "B".
- Nitrate-Nitrite was detected in the method blank at 0.05mg/L. Samples FWGLL12mw-188c-0985-GW, FWGLL12mw-242c-0987-GW, FWGLL12mw-246c-0991-GW, FWGLL12mw-187c-0984-GW and FWGLL12mw-154c-0981-GW were qualified, "B" as the detected concentrations were <5x blank contamination.
- FWGEQUIPRinse2-1122-GW had several detected analytes:
  - Acetone detected at 7.5ug/L. Detected acetone results <10x equipment rinse contamination were qualified, "B".
  - bis(2-ethylhexyl)phthalate detected at 2.5ug/L. bis (2-Ethylhexyl)phthalate results<5x contamination were qualified, "B".
  - Potassium detected at 143ug/L. Detected potassium results <5x contamination were qualified "B".
  - Zinc detected at 5.9ug/L, zinc results <5x contamination were qualified "B".

Samples from 10/8/08

A8J090114 and A8J090102

- All trip blanks (excluding FWGTeam3-Trip) had detected acetone contamination ranging from 2.3-3.4ug/L. Detected acetone results<10x trip blank contamination were qualified "B".
- Bis(2-ethylhexyl)phthalate was detected in the method blank at 5.1ug/L. The bis(2-ethylhexyl)phthalate result for FWGFBQmw-171c-1044-GW was qualified, "B", as the detected concentration was <5x contamination.
- In the method blank associated with batch 8284021, potassium was detected at 148ug/L. Samples FWGFBQmw-175c-1048-GF and FWGWBGmw-013c-1081-GF were qualified, "B" as potassium results were <5x blank contamination.
- In the method blank associated with batch 8283020, potassium was detected at 151ug/L and zinc was detected at 2.7ug/L. The potassium result for FWGEQUIPRinse3-1123-GW was qualified, "B" as the result was <5x potassium contamination. The zinc results for FWGLNWmw-025c-1052-GF and FWGWBGmw-012c-1080-GF were qualified, "B" as the results were <5x zinc contamination.
- FWGEQUIPRinse3-1123-GW had several analytes detected:
  - 1,3,5-trinitrobenzene at 4.4ug/L, 2,4-dinitrotoluene at 0.059ug/L and nitrobenzene at 0.82ug/L. No qualifications were made for 1,3,5-trinitrobenzene or 2,4-dinitrotoluene as there were no detected concentrations of these analytes in the samples. Samples with nitrobenzene concentrations less than 5x equipment rinse contamination were qualified, "B".
  - Acetone detected at 17ug/L. All acetone results greater than 10x contamination were qualified, "B".
  - Benzyl alcohol detected at 3.7ug/L and butyl benzyl phthalate detected at 1.5ug/L. No qualifications were made, as there were no detected concentrations of these contaminants in the samples.
  - Beta-BHC was detected at 0.013ug/L. The beta-BHC result for sample FWGFBQmw-DUP7-1102-GW was qualified, "B" as the concentration was <5x contamination.

Samples from 10/8 and 10/9

A8J100101

- All trip blanks had detected acetone contamination ranging from 2.5-3.9ug/L. Detected acetone results<10x trip blank contamination were qualified "B".
- Bis(2-ethylhexyl)phthalate was detected in the method blank for batch 8285079 at 5.1ug/L. The bis(2-ethylhexyl)phthalate results for FWGCBLmw-003c-1007-GW, FWGCBLmw-004c-1008-GW and FWGCBPmw-002c-1010-GW were qualified, "B", as the detected concentrations were <5x contamination.
- In the method blank associated with batch 8287076, barium was detected at 0.74ug/L, calcium at 182ug/L, manganese at 1.7ug/L, potassium at 162ug/L, and zinc was detected at 4.9ug/L. Samples with detected concentrations <5x method blank contamination were qualified, "B". No qualifications were made for the

calcium contamination, as there were no detected concentrations <5x contamination

- In the method blank associated with batch 8287075, manganese was detected at 5.3ug/L, potassium at 161ug/L, and zinc was detected at 3.5ug/L. Samples with detected concentrations <5x method blank contamination were qualified, "B". No qualifications were made for the potassium contamination, as there were no detected concentrations <5x contamination
- FWGEQUIPRinse4-1124-GW had several detected analytes:
  - Acetone detected at 2ug/L. All acetone results less than 10x contamination were qualified, "B".
  - bromodichloromethane detected at 0.26ug/L, chloroform at 0.62ug/L and toluene at 0.53ug/L. No qualifications were made for chloroform, bromodichloromethane or toluene as the were no detected concentrations of these analytes in the samples <5x contamination.
  - Benzyl alcohol detected at 3.7ug/L and butyl benzyl phthalate detected at 1.5ug/L. No qualifications were made, as there were no detected concentrations of these contaminants in the samples.
  - Beta-BHC was detected at 0.013ug/L. The beta-BHC result for sample FWGB12mw-012c-1004-GW and FWGLL1mw-063c-0955-GW were qualified, "B" as the detected concentrations were <5x contamination.
  - Potassium was detected in FWGEQUIPRinse3-1123-GW at 159ug/L. No qualifications were made for the potassium contamination, as there were no detected concentrations <5x contamination
  - Potassium was detected in FWGEQUIPRinse4-1124-GW at 150ug/L. Samples with detected concentrations <5x equipment blank contamination were qualified, "B".
  - Thallium was detected at 0.14ug/L and zinc at 3.1ug/L. No qualifications were made for the zinc contamination, as there were no detected concentrations <5x contamination. Samples with detected thallium concentrations <5x equipment blank contamination were qualified, "B".

Samples from 10/10

A8J100451 and A8J100426

- All trip blanks had detected acetone contamination ranging from 3.6-4.5ug/L. Detected acetone results<10x trip blank contamination were qualified "B".
- In the method blank associated with batch 8287014, potassium was detected at 151ug/L, zinc was detected at 2.4ug/L and thallium at 0.16ug/L. Samples with detected concentrations <5x method blank contamination were qualified, "B".
- FWGEQUIPRinse5-1125-GW had several detected analytes:
  - bromodichloromethane detected at 0.27ug/L, chloroform at 0.67ug/L and toluene at 0.69ug/L. No qualifications were made for chloroform, bromodichloromethane or toluene, as there were no detected concentrations of these analytes in the samples <5x contamination
  - Potassium was detected at 225ug/L, arsenic at 4.4ug/L, barium at 0.79ug/L, chromium at 2.9ug/L, manganese at 0.69ug/L, silver at 2.3ug/L, vanadium at 1.9ug/L and zinc at 3.2ug/L. No qualifications were made for

the zinc, vanadium or silver contamination, as there were no detected concentrations <5x contamination. Samples with detected concentrations <5x equipment blank contamination were qualified, "B".

- PETN detected at 0.36ug/L and 1,3,5-trinitrobenzene at 0.43ug/L. No qualifications were made for PETN contamination, as there were no detected concentrations of PETN in the samples. 1,3,5-trinitrobenzene results for FWGLL1mw-063c-0955-GW and FWGWBGmw-017c-1085-GW were qualified, "B".

Samples from 10/13/08

A8J140109

- Methylene chloride was detected in the method blank associated with batch 8297119, however there were no detected concentration of methylene chloride in the samples, so no qualifications were made.
- All trip blanks had detected acetone contamination ranging from 2.5-4.3ug/L. Detected acetone results<10x trip blank contamination were qualified "B".
- Bis (2-ethylhexl) phthalate was detected in the method blank associated with batch 8290048 at 1.2ug/L. Detected bis (2-ethylhexl)phthalate results <5x contamination were qualified, "B".
- In the method blank associated with batch 8289017, manganese was detected at 0.90ug/L, potassium at 153ug/L, zinc was detected at 7.6ug/L, and thallium at 0.22ug/L. Samples with detected concentrations <5x method blank contamination were qualified, "B".
- In the method blank associated with batch 8289016, potassium was detected at 147ug/L and zinc was detected at 5.4ug/L. Samples with detected concentrations <5x method blank contamination were qualified, "B".
- Mercury was detected in the method blank at 4.2ug/L. No qualifications were made, as there were no detected concentrations in the samples.
- Batch 8302500 method blank was detected at 0.20 mg/L. Samples FWGDET-003c-1020-GW, FWGDA2mw-113c-1030-GW, FWGDA2mw-112c-1029-GW, and FWGEBGmw-DUP6-1101-GW were qualified "B".
- FWGEQUIPRinse6-1026-GW had several detected analytes:
  - Acetone detected at 15ug/L. All acetone results less than 10x contamination were qualified, "B".
  - Benzyl alcohol was detected at 1.8ug/L. As there were no detected concentrations of benzyl alcohol in the samples, no qualifications were made.

Potassium was detected at 149ug/L, Samples with detected concentrations <5x equipment blank contamination were qualified, "B".

Samples from 10/13 and 10/14/08

A8J150116, A8J150102, A8J150157

- Methylene chloride was detected in the method blank associated with batch 8297119; however there were no detected concentration of methylene chloride in the samples, so no qualifications were made.

- Methylene chloride was detected in the method blank associated with batch 8297169; sample FWGEQUIPRinse7-1027-GW was qualified, "B". FWGEQUIPRinse7-1027-GW had acetone detected at 53ug/L. All acetone results less than 10x contamination were qualified, "B".
- All trip blanks had detected acetone contamination ranging from 2.7-3.5ug/L. Detected acetone results<10x trip blank contamination were qualified "B".
- The trip blank had detected acetone contamination at 3.2ug/L. The acetone result for sample FWGLL6mw-001c-0998-GW was qualified "B", as the detected acetone concentration was <10x trip blank contamination.
- Bis (2-ethylhexl) phthalate was detected in the method blank associated with batch 8290048 at 1.2ug/L and in the method blank associated with batch 8290049 at 1.1ug/L. Detected bis (2-ethylhexl) phthalate results <5x contamination were qualified, "B".
- In the method blank associated with batch 8290020, manganese was detected at 0.68ug/L, potassium at 150ug/L, zinc was detected at 9.0ug/L and iron at 97.7ug/L. Samples with detected concentrations <5x method blank contamination were qualified, "B".
- In the method blank associated with batch 8290019, potassium was detected at 191ug/L and zinc was detected at 3.1ug/L. Samples with detected concentrations <5x method blank contamination were qualified, "B".
- FWGEQUIPRinse7-1027-GW had several detected analytes:
    - 2-Butanone was detected at 3.3ug/L, chloroform at 0.86ug/L, methylene chloride at 0.78ug/L and toluene at 0.46ug/L. No qualifications were made, as there were no detected concentrations of these analytes were detected in the samples.
    - Acenaphthene was detected at 0.27ug/L. As there were no detected concentrations of acenaphthene in the samples, no qualifications were made.
    - Bis (2-ethylhexl) phthalate was detected at 1.9ug/L. Detected bis(2-ethylhexl) phthalate results <5x rinse blank contamination were qualified, "B".
    - PETN was detected at 0.36ug/L. No qualifications were made since there were no detected PETN results.
    - Potassium was detected at 156ug/L. Samples with detected concentrations <5x equipment blank contamination were qualified, "B".
    - Zinc was detected at 7.9ug/L. Samples with detected concentrations <5x equipment blank contamination were qualified, "B".

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 3-9 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 3.9 Percent of Acceptable Data

Analytical Method	Total Number of Analytes	Number of Rejects	Percent Completeness
353.2	18	0	100
353.2 Modified	158	0	100
6010B	2,370	0	100
6020	1,106	0	100
6860	74	0	100
7470A	158	0	100
8081A	3,318	13	99.6
8082	1,106	0	100
8260B	7,488	0	100
8270C	10,428	0	100
8330	2,528	0	100
9012A	158	0	100
8330 Modified	158	0	100
TOTAL	**29,068**	**13**	**99.99**

SECTION 4

SUMMARY OF RESULTS

Explosive and Propellant Compounds

As shown in Table 3-2, the only explosives/propellants detected at levels above the Region 9 PRGs during the October 2008 were as follows:

- RDX - LL1mw-079 (0.98 µg/L), LL3mw-241 (1.1 µg/L). The Region 9 PRG is 0.61 µg/L for RDX.
- 2,4,6-Trinitrotoluene – LL3mw-241 (2.5 µg/L). The Region 9 PRG for 2,4,6-trinitrotoluene is 2.2 µg/L.
- Nitrate/Nitrite – LL12mw-185 (230 mg/L J), andLL12mw-187 (200 mg/L B). The Region 0 PRG for nitrate/nitrite is 1 mg/L.

Inorganic Elements

Several inorganic compounds were detected at levels exceeding the MCLs and/or Region 9 PRGs. These included manganese, aluminum, arsenic, and iron for wells from all areas sampled. Table 4-1 presents a summary of all inorganic compounds and the associated wells that had detections exceeding MCLs or the Region 9 PRGs.

It should be noted that the facility-wide groundwater conditions are still being evaluated, including background levels for all inorganic compounds. This will also include an evaluation of arsenic as it relates to exceedances of the MCL. No remedial activities associated with the groundwater are planned until all groundwater wells have completed a minimum of 4 quarters of sampling. It is suggested that this issue be further discussed at the annual groundwater summit meeting in 2009.

Volatile Organic Compounds

Benzene was detected in numerous wells at concentrations exceeding the Region 9 PRG of 0.35 µg/L. All of these were attributed to method blank contamination with the exception of sample NTAmw-113 with a benzene concentration of 0.45 µg/L J). Tetrachloroethylene was also detected above the Region PRG (0.1 µg/L) in well LL3mw-240 at a concentration of 0.29 µg/L. There were no other VOCs detected at a concentration exceeding the MCLs or Region 9 PRGs during the October 2008 sampling event.

Semivolatile Organic Compounds

As shown in Table 3-6 the only SVOC detected at levels above the Region 9 PRGs was:

- Bis(2-Ethylhexyl)phthalate at CBPmw-008 (8 µg/L J), DA2mw-110 (18 µg/L J), EBGmw-123 (13 µg/L).. The Region 9 PRG is 4.8 µg/L.

Note that several other wells had detected concentrations of bis(2-Ethylhexyl)phthalate above the Region 9 PRG but these were attributed to method blank contamination.

Pesticides and Polychlorinated Biphenyls (PCBs)

As shown in table 3-7 no pesticides/PCBs were detected at a level above the Region 9 PRGs for the October 2008 sampling event.

Perchlorates

None of detected perchlorate concentrations exceeded the Region 9 PRG of 3.6 μg/L for the October 2008 event. There is no MCL for perchlorate. On February 18, 2005, the USEPA established a Drinking Water Equivalent Level (DWEL) for perchlorate which is set at 24.5 μg/L.

Table 4-1. Inorganic Elements Detected at Concentrations Exceeding the MCLs or Region 9 PRGs

Area	Well Number	Compound or Element Detected	Oct-08 Level (ug/L)		MCL (ug/L)	Region 9 PRG (ug/L)
Load Line 1	LL1mw-063	Aluminum	**2,700**		200	36000
		Arsenic	**5.6**	**J**	10	0.045
		Manganese	**318**		50	880
		Iron	**6180**		300	11000
	LL1mw-064	Manganese	**129**		50	880
		Arsenic	**4.9**	**J**	10	0.045
		Iron	**601**	**J**	300	11000
		Manganese	**129**		50	880
	LL1mw-065	Arsenic	**4.7**	**J**	10	0.045
		Manganese	**348**		50	880
	LL1mw-079	Manganese	**89.7**		50	880
Load Line 2	LL2mw-261	Arsenic	**19.1**		10	0.045
		Iron	**2570**	**J**	300	11000
		Manganese	**370**		50	880
	LL2mw-264	Arsenic	**5.4**		10	0.045
		Iron	**458**	**JB**	300	11000
		Manganese	**370**		50	880
	LL2mw-265	Iron	**4250**	**J**	300	11000
		Manganese	**831**		50	880
	LL2mw-268	Arsenic	**5.2**		10	0.045
		Iron	**2790**		300	11000
		Manganese	**331**		50	880
	LL2mw-270	Iron	**765**	**J**	300	11000
		Manganese	**407**		50	880
Load Line 3	LL3mw-232	Manganese	**345**		50	880
	LL3mw-233	Iron	**6660**	**J**	300	11000
		Manganese	**1410**		50	880
	LL3mw-234	Iron	**748**	**J**	300	11000
		Manganese	**2180**		50	880
Load Line 4	LL4mw-193	Arsenic	**5.4**		10	0.045
		Manganese	**344**		50	880
	LL4mw-194	Manganese	**374**		50	880
	LL4mw-195	Iron	**8330**	**J**	300	11000
		Manganese	**3800**		50	880
Load Line 5	LL5mw-002	Arsenic	**3.2**	**JB**	10	0.045
		Manganese	**158**		50	880
Load Line 12	LL12mw-088	Arsenic	**13.8**		10	0.045
		Iron	**1700**		300	11000
		Manganese	**392**		50	880
	LL12mw-107	Arsenic	**15.1**		10	0.045
		Iron	**2700**		300	11000
		Manganese	**311**		50	880
	LL12mw-113	Arsenic	**7.3**		10	0.045
		Iron	**371**		300	11000
		Manganese	**2800**		50	880
	LL12mw-128	Aluminum	**546**	**J**	200	36000
		Arsenic	**47.6**		10	0.045
		Iron	**5650**		300	11000
		Manganese	**192**		50	880

Table 4-1. Inorganic Elements Detected at Concentrations Exceeding the MCLs or Region 9 PRGs

Area	Well Number	Compound or Element Detected	Oct-08 Level (ug/L)		MCL (ug/L)	Region 9 PRG (ug/L)
Load Line 12	LL12mw-154	Arsenic	**24.7**		10	0.045
		Iron	**2440**		300	11000
		Manganese	**80.7**		50	880
	LL12mw-184	Arsenic	**18.4**		10	0.045
		Iron	**2940**		300	11000
		Manganese	**498**		50	880
	LL12mw-185	Manganese	**1640**		50	880
	LL12mw-187	Manganese	**2260**		50	880
	LL12mw-188	Arsenic	**4.5**	**J**	10	0.045
		Iron	**1640**		300	11000
		Manganese	**1010**	**J**	50	880
	LL12mw-189	Arsenic	**11.1**	**J**	10	0.045
		Iron	**1960**	**J**	300	11000
		Manganese	**283**		50	880
	LL12mw-242	Arsenic	**18.3**		10	0.045
		Iron	**3950**	**J**	300	11000
		Manganese	**98.2**		50	880
	LL12mw-243	Arsenic	**12**		10	0.045
		Iron	**1150**	**J**	300	11000
		Manganese	**813**		50	880
	LL12mw-244	Arsenic	**8.2**		10	0.045
		Manganese	**148**		50	880
	LL12mw-245	Arsenic	**20.4**		10	0.045
		Iron	**994**		300	11000
		Manganese	**163**		50	880
	LL12mw-246	Arsenic	**14.6**		10	0.045
Building 1200	B12mw-010	Manganese	**58.8**	**J**	50	880
	B12mw-011	Manganese	**70.7**		50	880
Central Burn Pits	CBPmw-001	Arsenic	**78.6**		10	0.045
		Iron	**8520**		300	11000
		Manganese	**92.2**		50	880
	CBPmw-002	Arsenic	**20.4**		10	0.045
		Iron	**1470**		300	11000
		Manganese	**138**		50	880
	CBPmw-003	Arsenic	**26.3**		10	0.045
		Iron	**2400**		300	11000
		Manganese	**153**		50	880
	CBPmw-004	Arsenic	**50.1**		10	0.045
		Iron	**1760**		300	11000
Cobbs Pond	CPmw-002	Manganese	**241**		50	880
	CPmw-003	Arsenic	**9.5**		10	0.045
		Iron	**600**		300	11000
		Manganese	**216**		50	880
	CPmw-004	Manganese	**89.5**	**J**	50	880
	CPmw-005	Arsenic	**35.9**		10	0.045
		Iron	**683**		300	11000
	CPmw-006	Arsenic	**8.3**		10	0.045
		Iron	**6399**		300	11000
		Manganese	**1770**		50	880

Table 4-1. Inorganic Elements Detected at Concentrations Exceeding the MCLs or Region 9 PRGs

Area	Well Number	Compound or Element Detected	Oct-08 Level (ug/L)		MCL (ug/L)	Region 9 PRG (ug/L)
Detention Area 2	DA2mw-105	Arsenic	**6.3**	**J**	10	0.045
		Iron	**1160**		300	11000
		Manganese	**223**	**J**	50	880
	DA2mw-106	Manganese	**3180**		50	880
	DA2mw-108	Iron	**5090**		300	11000
		Manganese	**342**		50	880
	DA2mw-109	Manganese	**386**	**J**	50	880
	DA2mw-111	Manganese	**362**	**J**	50	880
	DA2mw-112	Iron	**4290**		300	11000
		Manganese	**629**		50	880
	DA2mw-113	Arsenic	**3.3**	**J**	10	0.045
		Manganese	**319**		50	880
		Iron	**4030**		300	11000
	DETmw-003	Arsenic	**11.3**	**J**	10	0.045
		Iron	**1750**		300	11000
		Manganese	**287**		50	880
Erie Burning Grounds	EBGmw-123	Arsenic	**51.7**	**J**	10	0.045
		Iron	**5940**		300	11000
		Manganese	**116**		50	880
	EBGmw-124	Arsenic	**58**	**J**	10	0.045
		Iron	**4680**		300	11000
		Manganese	**73.6**		50	880
	EBGmw-125	Arsenic	**17.5**	**J**	10	0.045
		Iron	**5540**		300	11000
		Manganese	**385**		50	880
	EBGmw-126	Arsenic	**23**	**J**	10	0.045
		Iron	**7300**		300	11000
		Manganese	**189**		50	880
	EBGmw-127	Arsenic	**15**	**J**	10	0.045
		Iron	**672**		300	11000
	EBGmw-128	Arsenic	**18**	**J**	10	0.045
		Iron	**1380**		300	11000
		Manganese	**290**		50	880
	EBGmw-129	Iron	**7450**		300	11000
		Manganese	**560**		10	880
	EBGmw-130	Iron	**4430**		300	11000
		Manganese	**658**		50	880
Fuze and Booster Quarry	FBQmw-166	Iron	**466**	**J**	300	11000
		Manganese	**436**		50	880
	FBQmw-167	Iron	**15,100**	**J**	300	11000
		Manganese	**2050**		50	880
	FBQmw-168	Arsenic	**5**		10	0.045
		Manganese	**50.1**		50	880
	FBQmw-169	Iron	**955**	**J**	300	11000
		Manganese	**7680**		50	880
	FBQmw-170	Arsenic	**5**		50	880
	FBQmw-172	Manganese	**2460**		50	880
	FBQmw-173	Manganese	**1210**		50	880
	FBQmw-176	Arsenic	**3.6**	**J**	10	0.045
		Iron	**9800**	**J**	300	11000
		Manganese	**1500**		50	880
	FBQmw-177	Manganese	**1340**		50	880

Table 4-1. Inorganic Elements Detected at Concentrations Exceeding the MCLs or Region 9 PRGs

Area	Well Number	Compound or Element Detected	Oct-08 Level (ug/L)		MCL (ug/L)	Region 9 PRG (ug/L)
Landfill North of Winklepeck	LNW-025	Arsenic	**7**	**J**	10	0.045
		Iron	**1030**	**J**	300	11000
		Manganese	**822**		50	880
	LNWmw-026	Arsenic	**5**	**J**	10	0.045
		Manganese	**50.7**		50	880
	LNWmw-027	Manganese	**111**	**J**	50	880
NACA Test Area	NTAmw-107	Arsenic	**13.5**		10	0.045
		Iron	**470**		300	11000
		Manganese	**250**		50	880
	NTAmw-108	Arsenic	**5.1**		10	0.045
		Arsenic	**5.2**		10	0.045
	NTAmw-109	Iron	**3220**		300	11000
		Manganese	**91.2**		50	880
	NTAmw-110	Arsenic	**20.3**		10	0.045
		Iron	**801**	**J**	300	11000
		Manganese	**267**		50	880
	NTAmw-111	Manganese	**164**		50	880
	NTAmw-112	Arsenic	**6.3**		10	0.045
		Iron	**362**		300	11000
		Manganese	**1070**	**J**	50	880
	NTAmw-113	Arsenic	**11**	**J**	10	0.045
		Iron	**570**		300	11000
		Manganese	**308**		50	880
	NTAmw-114	Arsenic	**7.2**		10	0.045
		Iron	**532**		300	11000
		Manganese	**493**		50	880
	NTAmw-116	Manganese	**52.7**		50	880
	NTAmw-117	Manganese	**423**		50	880
	NTAmw-118	Manganese	**101**		50	880
Ramsdell Quarry Landfill	RQLmw-007	Arsenic	**51.7**		10	0.045
		Iron	**16400**		300	11000
		Manganese	**1810**	**J**	50	880
	RQLmw-008	Arsenic	**50.4**		10	0.045
		Iron	**126000**		300	11000
		Manganese	**775**	**J**	50	880
	RQLmw-009	Arsenic	**22.7**		10	0.045
		Iron	**16200**		300	11000
		Manganese	**2340**		50	880
	RQLmw-012	Aluminum	**1400**		200	36000
		Manganese	**271**		300	11000
	RQLmw-013	Aluminum	**4120**		200	36000
		Manganese	**639**		50	880
	RQLmw-014	Manganese	**2480**		50	880
	RQLmw-015	Iron	**511**		300	11000
		Manganese	**1000**		50	880
	RQLmw-016	Iron	**19700**		300	11000
		Manganese	**7590**	**J**	50	880
	RQLmw-017	Manganese	**3360**		50	880

Table 4-1. Inorganic Elements Detected at Concentrations Exceeding the MCLs or Region 9 PRGs

Area	Well Number	Compound or Element Detected	Oct-08 Level (ug/L)		MCL (ug/L)	Region 9 PRG (ug/L)
Winklepeck Burning Grounds	WBGmw-005	Arsenic	**21.9**	**B**	10	0.045
		Iron	**6830**		300	11000
		Manganese	**986**		50	880
	WBGmw-008	Manganese	**52.8**		50	880
	WBGmw-010	Manganese	**129**		50	880
	WBGmw-011	Manganese	**149**		50	880
	WBGmw-014	Manganese	**113**		50	880
	WBGmw-014	Manganese	**113**		50	880
	WBGmw-015	Manganese	**140**		50	880
	WBGmw-017	Arsenic	**6.1**	**B**	10	0.045
		Iron	**538**		300	11000
		Manganese	**199**		50	880
Suspected Mustard Burial Site	MBSmw-001	Manganese	**362**		50	880
	MBSmw-002	Arsenic	**7.8**		300	0.045
		Iron	**478**		300	11000
		Manganese	**233**		50	880
	MBSmw-004	Manganese	**59.7**		50	880
	MBSmw-005	Arsenic	**10.3**		10	0.045
		Iron	**5360**		300	11000
		Manganese	**955**		50	880
	MBSmw-006	Manganese	**369**		50	880

Notes:
J = estimated result. Results have been qualified "J" For more details refer to Data Verification/Validation R in Appendix D
B = the analyte is found in the method blank or any of the field blanks
U = analyzed but not detected at or above the reporting limit

SECTION 5

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