GW – 001

2015 AGWMR

PART 1 OF 5

April 2016

Western Refining

Bloomfield Terminals
2015 Groundwater Remediation and Mo
Annual Report

January –
Subm

2015 Groundwater Remediation and Monitoring Annual Report

January – December 2015

Bloomfield Terminal

Western Refining Southwest, Inc.

#50 Rd 4990

Bloomfield, New Mexico 87413

Submitted: April 2016

Prepared for
New Mexico Oil Conservation Division and
New Mexico Environment Department – Hazardous Waste Bureau

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List of Acronyms

benzene, toluene, ethylbenzene, and xylene (BTEX)

below grade level (bgl)

diesel range organics (DRO)

dissolved oxygen (D.O.)

Environmental Protection Agency (EPA)

feet (ft)

gallons per minute (gpm)

gasoline range organics (GRO)

New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB)

New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division (EMNRD-OCD)

investigation derived waste (IDW)

liters (L)

maximum contaminant level (MCL)

methyl tert-butyl ether (MTBE)

micrograms per liter (ug/L)

micro Siemens per centimeter (uS/cm)

milligrams per liter (mg/L)

millivolts (mV)

monitoring well (MW)

New Mexico Administrative Code (NMAC)

Oxidation reduction potential (ORP)

parts per million (ppm)

photoionization detector (PID)

polyvinyl chloride (PVC)

pounds per square inch (psi)

Resource Conservation and Recovery Act (RCRA)

Semi-volatile organic compounds (SVOCs)

separate phase hydrocarbon (SPH)

Standard cubic feet per minute (scfm)

Temporary piezometer (TP)

top of casing (TOC)

total petroleum hydrocarbon (TPH)
toxicity characteristic leaching procedure (TCLP)
volatile organic compounds (VOC)
Wastewater Treatment System (WWTS)
Water Quality Control Commission (WQCC)

EXECUTIVE SUMMARY

This Annual Report includes a summary of activities conducted at the Bloomfield Terminal in 2015 pursuant to the reporting requirements outlined in Section IV.A.2. of the July 2007 Consent Order (NMED, 2007) issued by the New Mexico Environment Department Hazardous Waste Bureau (NMED-HWB), and Section 22 of Discharge Permit GW-001 (NMOCD, 2010) issued by the New Mexico Energy, Mineral, and Natural Resources Department Oil Conservation Division (EMNRD-OCD). This report includes a summary of sampling activities, total fluids recovery, below-grade testing, and remediation monitoring activities conducted in 2015.

Groundwater Measurements

Depth-to-groundwater and depth-to-product measurements were collected from the facility monitoring wells, recovery wells, observation wells, and collection wells prior to the collection of groundwater samples during the Semi-Annual and Annual Sampling Events conducted in April 2015 and August 2015, respectively. The field measurements were collected a minimum of 48 hours after the recovery well pumps were turned off to allow the groundwater elevation to stabilize. Groundwater elevation contours show that groundwater generally flows in the northwest direction, with groundwater under the former process areas flowing towards the north boundary barrier wall and Hammond Ditch collection system.

Groundwater Monitoring

Groundwater monitoring activities conducted in 2015 included the collection of groundwater samples and field data from the following four areas of facility.

- Refinery Complex – includes Refinery, Cross-Gradient, Downgradient, and RCRA Wells
- North Boundary Barrier – includes observation and collection wells
- San Juan River Bluff – includes Outfall and Seep locations
- San Juan River Terrace – includes San Juan River samples

Sampling associated with the Bioventing System located at the River Terrace is summarized in the *River Terrace Voluntary Corrective Measures Bioventing System Annual Report*, which is submitted in March of each year. Groundwater monitoring activities conducted in April 2015 follow the guidelines outlined in the approved Facility-Wide Groundwater Monitoring Plan dated June 2013. Monitoring activities conducted in August 2015 follow the guidelines outlined in the approved Facility-Wide Groundwater Monitoring Plan dated June 2014.

Groundwater concentrations above respective screening levels are primarily localized near the refinery process units. The north boundary barrier wall and active groundwater recovery systems within the facility provide hydraulic capture of the impacted groundwater, and thus eliminate the concern of impacts to the San Juan River.

Outfall and Seep Inspections

In August 2014, Western notified NMED-HWB of a significant rain event that resulting in severe flash flooding in the Bloomfield, New Mexico area. The storm caused the Hammond Ditch to reverse flow directly, resulting in the entire roadway along the north boundary barrier to fill with water. The significant run-off along the river bluff resulting in Seep 4, Seep 6, Seep 7, Seep 8, and Seep 9 to permanently erode away. Prior to the flooding event, these locations were no longer actively collecting seep water due to the existence of the north boundary barrier. In addition, the seep areas had previously been investigated as part of the 2007 Consent Order. Therefore as of August 2014, the only existing catchment locations are Seep 1, Seep 2, Seep 3 and Seep 5. Bi-monthly visual inspections of Seep 1 through Seep 3 and Seep 5 were conducted in 2015. Visual inspection results and samples collected along the San Juan River as part of the groundwater monitoring program for the former Bloomfield Refinery (i.e. known currently as the Bloomfield Terminal) indicate that there has been no impact to the San Juan River.

Total Fluids Recovery Systems

The Bloomfield Terminal operates and monitors several fluid recovery systems within the facility, which include:

- Groundwater Recovery System using recovery wells within the Refinery Complex;
- North Boundary Barrier Collection System;
- Hammond Ditch Recovery System;
- River Terrace Remediation system; and
- East Outfall Recovery System.

All fluids recovered from these systems are pumped to the on-site Waste Water Treatment Plant for treatment prior to disposal through a Class 1 non-hazardous injection well. In October 2015, Western plugged and abandoned the on-site Class 1 injection well pursuant to NMOCD's approval. From October 2015 to present, excess treated waste water is disposed of off-site at a Class 1 non-hazardous injection well. In 2015, Western began the permitting process to install a new injection well.

Below-Grade Testing and Tank Inspections

In compliance with the Facility's Discharge Permit dated July 2010, sumps were inspected to determine their integrity for service. Sumps within the facility were cleaned out with a vacuum truck, visually inspected, and hydrostatically tested, for a minimum of 60 minutes if required to insure integrity. All sumps tested in 2015 passed and were returned to normal service with the exception of one concrete sump located on the west side of Tank 28. The sump was found to be damaged near the top where a steam line had eroded the concrete; however, the impacted area was above the operational level of the sump and there was no threat of a release. The sump was removed from service. In addition, petroleum storage tanks continue to be inspected at a frequency that is in compliance with API 650 and 653 guidelines.

SECTION 1.0
INTRODUCTION

1.1 Site Location and Description

Owner:	San Juan Refining Company, a New Mexico Corporation 1250 Washington Street Tempe, Arizona 85281	
Operator:	Western Refining Southwest, Inc. (Formerly Giant Industries Arizona, Inc.), an Arizona Corporation 1250 Washington Street Tempe, Arizona 85281	
Facility:	Bloomfield Terminal # 50 Road 4990 Bloomfield, New Mexico 87413	(physical address)
	Western Refining Southwest, Inc. P.O. Box 159 Bloomfield, New Mexico 87413	(postal address)
US EPA ID:	NMD089416416	
SIC Code:	5171	

The former Bloomfield Refinery facility (currently referred to as the Bloomfield Terminal) is currently owned by San Juan Refining Company, a New Mexico corporation, and operated by Western Refining Southwest, Inc. formerly known as Giant Industries Arizona, Inc., an Arizona corporation. The facility had an approximate refining capacity of 18,000 barrels per day. Various process units operated at the facility, which included crude distillation, reforming, fluidized catalytic cracking, sulfur recovery, merox treater, catalytic polymerization, and diesel hydrotreating. Products produced at the refinery included gasoline, diesel fuels, jet fuels, kerosene, propane, butane, naphtha, residual fuel, fuel oils, and LPG.

The Bloomfield Facility is located on approximately 263 acres south of Bloomfield, New Mexico in San Juan County (Figure 1). The Bloomfield complex is bisected by County Road 4990 (Sullivan Road), which runs east-west. The terminal offices, former process units, tank farm, wastewater treatment system (WWTS), raw water ponds, and fire training area are located north of the county road. On November 23, 2009, Western Refining indefinitely suspended refining operations at the Bloomfield Facility. The crude oil unloading areas, product loading racks, former LPG storage tanks, maintenance buildings/90-day storage area, pipeline offices, transportation truck shop, and Class I injection well (recently plugged and abandoned) are located south of the country road (Figure 2).

The Bloomfield facility is located on a bluff 120 feet above the south side of the San Juan River. The top of the bluff is relatively flat and is at an elevation of 5,540 feet above sea level. Based on the available site-specific and regional subsurface information, the site is underlain by the Quaternary Jackson Lake terrace deposits, which unconformably overlie the tertiary Nacimiento Formation. The Jackson Lake deposits consist of fine grained sand, silt, and clay that grades to course sand, gravel and cobble size material closer to the contact with the Nacimiento Formation. The Jackson Lake Formation is over 40 feet thick near the southeast portion of the site and generally thins to the northwest toward the San Juan River. The Nacimiento Formation is primarily composed of fine grained materials (e.g., carbonaceous mudstone/claystone with interbedded sandstones) with a reported local thickness of approximately 570 feet (Groundwater Technology, 1994).

1.2 History of Facility Modifications and Improvements

1.2.1 Previous Owner's Activities

Local entrepreneur, Kimball Campbell, constructed the crude topping unit that eventually became the Bloomfield Refinery facility in the late 1950s. O.L. Garretson bought the facility in the early 1960s, renamed it Plateau, Inc. and sold it in 1964 to Suburban Propane of New Jersey.

Operationally, the facility had steadily evolved through a series of improvements, modifications and expansions. Suburban upgraded the facility in 1966, increasing the Crude Unit throughput to 4,100 barrels per calendar day (bpcd) and adding 1,850 bpcd Reformer and Naphtha Hydrotreater. In 1975, the Crude Unit was expanded to 8,400 bpcd.

In 1979, the Crude Unit was expanded again to 16,800 bpcd (later demonstrated to have a hydraulic capacity in excess of 18,000 bpcd). A Fluidized Catalytic Cracker (FCC) with a nominal capacity of 6,000 bpcd, an Unsaturated Gas Plant and a Treater Unit were also added at that time. The capacity of the Reformer / Hydrotreater was increased to 2,250 bpcd. The FCC was upgraded in 1982 to conform to State and Federal air quality standards.

1.2.2 Bloomfield Refining Activities

Bloomfield Refining Company (BRC) acquired the facility from Suburban Propane (Plateau) on October 31, 1984. The current owner of the facility is San Juan Refining Company. Western Refining Southwest, Inc. is the facility operator.

Over the years, there have been many improvements made to facility operations and equipment. These improvements are summarized below.

1986

- Relocated the spent caustic tank onto a concrete pad with retaining walls.

1987

- Upgraded the Reformer and increased its capacity to 3,600 barrels per day (bpd). Modified the Laboratory and Treater Unit and increased tank storage capacity.
- Cleaned up the North and South bone yards.
- Decommissioned and dismantled old Tanks 6 and 7.
- Relocated the API recovered oil Tank 8 and Tank 9 to concrete pads with concrete retaining walls.
- Established a systematic inspection, maintenance, and repair program for tanks.

1988

- Added a 2,000 bpd Catalytic Polymerization Unit. Removed the facility's two underground storage tanks and replaced them with aboveground storage tanks.
- Completed installation of a Cathodic Protection System for the Tank Farm and underground piping.
- Rebuilt the process area sewer system and added curbed, concrete paving to the unpaved process areas.

1989

- Increased Reformer throughput to 4,000 bpd.
- Activated the groundwater hydrocarbon recovery system.
- Constructed the first double-lined Evaporation Pond as part of Refinery's Discharge Plan improvements.

1990

- Constructed the second double-lined Evaporation Pond as part of the Refinery's Discharge Plan improvements.
- Constructed a drum storage shed and converted to bulk chemical usage, where possible, in order to minimize the use of drummed chemicals.

1991

- Revamped the burner fuel sales rack with concrete paving and curbing.
- Submitted the permit application for a Class 1 Disposal Well.
- Upgraded the groundwater hydrocarbon recovery system.

1992

- Submitted an air quality permit application. The application included a proposal to install a Diesel Hydrodesulphurization (HDS) Unit and a Sulfur Recovery Unit (SRU) in order to comply with new EPA low-sulfur diesel regulations and decrease air emissions.

1993

- Began a program under a Consent Agreement with the United Stated Environment Protection Agency (USEPA) to conduct Interim Measures (IM), a RCRA Facility

Investigation (RFI) and a Corrective Measures Study (CMS) addressing groundwater contamination.

- Replaced portions of the underground cooling water piping.
- Added concrete paving around the API Separator.
- Installed the HDS Unit and SRU.

1994

- Completed installation of the Class 1 Injection Well.
- Retrofitted the Aeration Lagoons with two additional liners.
- Installed a floating cover for the API Separator.
- Closed the clay-lined evaporation ponds and spray evaporation area.

1995

- Improved the diking south of the Refinery to further reduce storm water runoff.
- Began implementation of additional corrective measures for groundwater cleanup as determined from the CMS.

1998

- Converted the former evaporation ponds on the east side of the Refinery to raw water storage ponds.

1999

- Installed sheet pilings and a bentonite slurry wall adjacent to the San Juan River, North of the process units, in order to intercept a small hydrocarbon seep that had been detected in the area.

2001

- Initiated a program to inoculate the Aeration Lagoons with sludge-consuming micro-organisms.

2002

- A concrete liner was installed on the Hammond Ditch. At that time, Giant constructed the Hammond Ditch French Drain Recovery System to address contamination under the ditch.

2003

- Several monitoring wells were converted into recovery wells to further enhance the continuing ground water remediation efforts. MW-45, MW-46 & MW-47 were installed to facilitate sample collection. East Outfall #1 Recovery System was set up to return impacted water back to the refinery.

2004

- Monitoring well MW-48, MW-49 and eight temporary piezometers were installed as part of Voluntary River Terrace Investigation activities.

- Several temporary piezometers were drilled on the north side of Hammond Ditch to chart the surface elevation of the Nacimiento Formation. Design of a slurry wall to be constructed on the north side of Hammond Ditch was completed.
- Lined containments were constructed in the draws north of Hammond Ditch in order to collect potentially contaminated groundwater which discharged to the land surface.
- Sewer lines were replaced in the Treater and FCC.

2005

- The North Boundary Barrier Wall installation was completed March 2005. Fourteen observation wells were installed on the north side of the slurry wall and fifteen collection wells were installed on the south side of the slurry wall in April 2005.
- As a matter of preventive maintenance, the lined containments in the draws north of the slurry wall were upgraded periodically.
- In April, five more temporary piezometers were installed at the River Terrace. In August, Dewatering Wells (DW-1 and DW-2) and thirteen bioventing wells were drilled and construction of the River Terrace Bioventing Project was initiated.

2006

- The River Terrace Bioventing System was put on-line in January 2006. Monitoring data from that project is submitted in a separate report to the regulatory agencies.
- During the week of February 13, 2006 seven sump wells were installed along the bluff north of the barrier wall. These wells were drilled in accordance with the North Barrier Wall Work Plan which was submitted to OCD February 7, 2006.
- Fluids extraction from the observation and collection wells, the north draws, and the sump wells continued throughout 2006.
- As a matter of preventive maintenance, the lined containments in the draws north of the slurry wall were upgraded periodically.

2007

- On May 31, 2007, Giant Industries, Inc. became a wholly-owned subsidiary of Western Refining, Inc. of El Paso, Texas.
- Construction of the Ammonia Refrigeration Unit (ARU) was completed and the system put on line by March 2007. This unit is used to recover propane from hydrogen streams.
- Construction of the Benzene Stripper was completed and the system put in service by October 2007. This unit is used to strip benzene from process waste water.
- Discharge piping was installed at RW #1 to increase the recovery capacity of the well.
- As a matter of preventive maintenance, the lined containments in the draws north of the slurry wall (Seeps 1-9) were upgraded periodically.

2008

- The *Facility-Wide Groundwater Monitoring Plan (Revised May 2008)* was approved and implemented in the latter half of 2008.

- In September, Group No. 2 RCRA Site Investigation activities commenced. Areas included in Group No. 2 are SWMU 2, SWMU 8, SWMU 9, SWMU 11, and SWMU 18.
- As part of the *Closure Plan North and South Aeration Lagoons* the ponds were drained, cleaned out, inspected, repaired, and put back in service. This process started in October 2008 and was completed in February 2009.

2009

- In March, monitoring wells were installed around the Aeration Lagoons to satisfy Group No. 1 RCRA site investigation requirements. Group No. 3 Site Investigation activities began in April. This group includes SWMU 4, SWMU 5, AOC 22, AOC 23, AOC 24, AOC 25, and AOC 26.
- On November 23, 2009, Western Refining indefinitely suspended refining operations at the Bloomfield Refinery. The crude unloading and product loading racks, storage tanks and other supporting equipment remain in operation. Guidelines from the *Facility-Wide Groundwater Monitoring Plan December 2007(Revised May 2008)* will continue to be followed.

2010

- In January 2010, due to analytical results indicating high benzene levels, piping was installed to permanently route discharge water from Tank 33 to the API Separator.
- Guidelines from the *Facility-Wide Groundwater Monitoring Plan December 2007(Revised May 2008)* were followed through the first six months of 2010.
- In August, Group No. 4 and Group No. 5 investigation field activities were conducted which included the installation of three monitoring wells.
- After receipt of the New Mexico Environmental Department (NMED) letter *Approval with Direction Facility-Wide Groundwater Monitoring* dated July 26, 2010, Western personnel followed guidelines from the *Facility-Wide Groundwater Monitoring Plan* (FWGMP) dated June 2010.

2011

- In August 2012, Group No. 6 RCRA Investigation activities were conducted, which involved soil sampling within each of the Seep Areas located along the northwest portion of the facility.

2012

- In January 2012 the group 8 RCRA Investigation activities commenced, which involved soil sampling within SMWU No. 3 – Underground Piping Currently in Use, and SWMU No. 6 – Abandoned Underground Piping.
- On October 12, 2012, NMED Hazardous Waste Bureau approved a Work Plan submitted by Western dated October 9, 2012 authorizing Western to optimize the remediation efforts at the River Terrace area. Optimization activities conducted in 2012 included the removal of approximately 250 cubic yards of impacted clay-type soil from the river terrace area, and conversion of a portion of the biovent system to an air sparging system in efforts to target the most impacted groundwater area located within the southwest corner of the River Terrace Area.

- In the third quarter 2012, Western commenced work that involves enhancement of the total fluids recovery system. This work involves transitioning five monitoring wells (MW-20, MW-55, MW-56, MW-57, and MW-58) and one recovery well (RW-3) to operational total fluids recovery wells. RW-3 was returned to operation by the fourth quarter 2012. Operation of the monitoring wells located near the aeration lagoons is expected to begin in April 2013.

2013

- In the first quarter 2013, Western completed work that involves enhancement of the total fluids recovery system. This work involved transitioning five monitoring wells to active total fluids recovery wells (MW-20, MW-55, MW-56, MW-57, and MW-58). Operation of the monitoring wells located near the aeration lagoons has commenced.
- In June 2013, Western removed two former diesel dispenser pumps, storage tank, associated piping, former fueling pad and approximately 500 cubic yards of soil. Soil samples confirmed all the impacted soil was removed from the immediate vicinity of the former diesel fueling pumps.
- In 2013 Western replaced Tank 37, Tank 38 and Tank 34 with new equivalent tanks. Tank 37 and Tank 34 containments were also lined.
- Well MW-70 was developed on May 22, 2013 and baseline samples were collected on June 13, 2013.

2014

- In 2014 Western Refining preformed an environmental site investigation for the SWMUs designated as Group 9 and SWMU No. 27 Wastewater Collection System. Group 9 includes SWMU No. 12 (API Separator), SWMU No. 13 (Process Area) and SWMU No. 14 (Tanks 3, 4, and 5).

2015

- In October 2015, Western plugged and abandoned the on-site Class 1 non-hazardous injection well. Western has since submitted an application for permission to drill a new replacement well on-site. The permit process is through NMOCD.

SECTION 2.0
SCOPE OF ACTIVITIES

This Annual Report includes a summary of activities conducted at the Bloomfield facility in 2015 pursuant to the reporting requirements outlined in Section IV.A.2. of the July 2007 Consent Order issued by the NMED-HWB, and Section 22 of Discharge Permit GW-001 issued to the Bloomfield Refinery by the EMNDR-OCD. This report includes a summary of sampling activities, total fluids recovery, below-grade testing, and remediation monitoring activities conducted in 2015.

2.1 Groundwater Monitoring Activities

Groundwater monitoring activities conducted in 2015 include the collection of groundwater samples and field data from the following four areas of the facility:

- Refinery Complex
- North Boundary Barrier
- San Juan River Bluff
- San Juan River Terrace

Groundwater monitoring activities conducted in April 2015 follow the guidelines outlined in the approved Facility-Wide Groundwater Monitoring Plan dated June 2013. Monitoring activities conducted in August 2015 follow the guidelines outlined in the approved Facility-Wide Groundwater Monitoring Plan dated June 2014. Any activities conducted contrary to the approved Monitoring Plans are noted in this report.

General groundwater sampling procedures followed during each sampling event are included in Appendix A. Detailed information regarding groundwater monitoring activities conducted in 2015 is included in Section 3.1.

2.1.1 Fluid Measurements

Depth-to-groundwater and depth-to-product measurements were collected from the facility monitoring wells, recovery wells, observation wells, and collection wells prior to the collection of groundwater samples during the Semi-Annual and Annual Sampling Events conducted in April 2015 and August 2015, respectively. All fluid level measurements were collected using a Geotech Interface Probe that measures to an accuracy of 0.01 feet. The field measurements were collected a minimum of 48 hours after the recovery well pumps were turned off to allow the groundwater elevation to stabilize. A summary of the fluid measurements collected is provided in Section 3.1.1.

2.1.2 Groundwater Field Parameters

Prior to collecting groundwater samples, each well was purged a minimum of three well volumes. Groundwater field parameters (temperature, pH, and conductivity) were collected every two gallons or after purging one well volume, whichever was less. The total volume purged at each well was determined once the pH, temperature, and conductivity field parameters stabilized to within 10 percent for three measurements. A summary of the field measurements collected and procedures followed is provided in Section 3.1.2 and Appendix A, respectively.

In addition, field parameters were collected at the outfalls and seeps when sufficient water was present.

2.1.3 Refinery Complex Sampling

Groundwater samples were collected from specified wells located within the Refinery Complex during the Semi-Annual Sampling Event and Annual Sampling Event conducted in April 2015 and August 2015, respectively, with the exception of wells that contained SPH, wells that were dry, or wells that did not contains enough water to collect a sample. Figure 10 and Figure 11 show the location of the wells sampled during each sampling event. A summary of the analytical results is provided in Section 3.1.3.

<u>Semi-Annual Sampling Event</u>

Groundwater samples were collected from the following wells during the Semi-Annual Sampling Event conducted in April 2015:

- RCRA Investigation Wells: MW-52;
- Cross-Gradient Wells: MW-1, MW-13, MW-33; and
- Downgradient Wells: MW-12, MW-35, MW-37, MW-38.

Groundwater samples collected during the Semi-Annual Sampling Event were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- Volatile organic compounds (VOCs) – benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE) by EPA Method 8260B; and
- Total petroleum hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Motor Oil Range Organics (MRO) by EPA Modified Method 8015B (MW-1, MW-12, MW-33, MW-37, and MW-38 only)

Groundwater samples were not collected from MW-20 and MW-30 due to the presence of SPH during purging. In addition, groundwater samples were not collected from MW-6 due to insufficient groundwater for sample collection.

Annual Sampling Event

Groundwater samples were collected from the following wells during the Annual Sampling Event conducted in August 2015:

- Refinery Wells: MW-4, RW-15, MW-29, MW-30, MW-31, and MW-44 ;
- Cross-Gradient Wells: MW-1, MW-13, MW-27, and MW-32;
- Downgradient Wells: MW-11, MW-12, MW-34, MW-35, MW-37, and MW-38; and
- RCRA Investigation Wells: MW-51, MW-52, MW-53, MW-59, MW-62, MW-63, MW-64, MW-65, MW-67, MW-68, and MW-70.

Groundwater samples were not collected from RW-1, RW-9, RW-18, MW-20, MW-21, RW-23, MW-26, RW-28, MW-40, RW-42, RW-43, MW-54, MW-55, MW-56, MW-57, MW-58, MW-61, and MW-66 due to the presence of SPH. SPH appeared at RW-18 during the bailing process and was not apparent prior to sampling. In addition, groundwater samples were not collected from MW-60 and MW-69 due to insufficient groundwater for sample collection. A groundwater sample was not collected at MW-33 during the Annual Sampling event but a sample was collected during the Semi-Annual Sampling Event.

Groundwater samples collected during the Annual Sampling Event were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- VOCs by EPA Method 8260B;
- TPH-DRO by EPA Method 8015B;
- TPH-GRO by EPA Method 8015B;
- TPH-MRO by EPA Method 8015B;
- Total RCRA 8 Metals by EPA Method 6010B/7470;
- Total Dissolved Metals by EPA Method 6010B/7470;
- Alkalinity by EPA Method 310.1;
- Anions by EPA Method 300.0; and
- Carbon Dioxide by EPA Method 310.1.

2.1.4 North Boundary Barrier Sampling

Groundwater samples were collected from observation wells and specified collection wells in April 2015 and August 2015, with the exception of wells that contained SPH, wells that were dry, or wells that did not contain enough water to collect a sample. Figure 10 and Figure 11 shows the location of the North Boundary Barrier wells that were sampled in April 2015 and August 2015, respectively. A summary of the groundwater results is provided in Section 3.1.4.

Semi-Annual Sampling Event

Groundwater samples were collected from the following wells during the Semi-Annual Sampling Event conducted in April 2015:

- Collection Wells: CW 0+60, and CW 25+95
- Observation Wells: OW 6+60, OW 11+15, OW 16+60, OW 22+00, OW 23+10, OW 23+90, and OW 25+70

SPH appeared at OW 3+85 during the bailing process and therefore a sample was not collected. In addition, groundwater samples were not collected from OW 1+50, OW 5+50, OW 6+70, OW 8+10, OW 14+10, and OW 19+50 due to insufficient groundwater for sample collection.

Groundwater samples collected in April 2015 were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- VOCs-BTEX and MTBE only by EPA Method 8260B;
- TPH-GRO by EPA Modified Method 8015B;
- TPH-DRO by EPA Modified Method 8015B; and
- TPH-MRO by EPA Method 8015B.

Annual Sampling Event

Groundwater samples were collected from the following wells during the Annual Sampling Event conducted in August 2015:

- Collection Wells: CW 0+60, and CW 25+95
- Observation Wells: OW 0+60, OW 3+85, OW 11+15, OW 16+60, OW 22+00, OW 23+10, OW 23+90, and OW 25+70

Groundwater samples were not collected from OW 1+50 due to the presence of SPH during bailing. In addition, groundwater samples were not collected from OW 5+50, OW 6+70, OW 8+10, OW 14+10, and OW 19+50 due to insufficient groundwater for sample collection.

Groundwater samples collected during the Annual Sampling Event were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- VOCs – BTEX and MTBE by EPA Method 8260B;
- TPH-GRO by EPA Modified Method 8015B;
- TPH-DRO by EPA Modified Method 8015B; and
- TPH-MRO by EPA Method 8015B.

2.1.5 San Juan River Bluff Sampling

San Juan River Bluff sampling includes the collection of surface water samples at the outfall locations along the eastern portion of the facility, and at the seeps located along the western portion of the facility. Figure 3 shows the outfall and seep locations. A summary of the surface water analytical results is provided in Section 3.1.5.

Semi-Annual Sampling Event

Surface water samples were collected from the following locations during the Semi-Annual Sampling Event conducted in April 2015:

- Outfalls: East Outfall #2 and East Outfall #3; and
- Seeps: Seep 1.

Surface water samples were not collected from Seep 2, Seep 3, and Seep 5 due to the absence of an active discharge at each location.

Surface water samples collected in April 2015 were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- VOCs – BTEX and MTBE by EPA Method 8260B;
- Total RCRA 8 Metals by EPA Method 6010B/7470 (Outfall locations only);
- Dissolved Metals by EPA Method 6010B/7470 (Outfall locations only);
- Alkalinity by EPA Method 310.1;
- Anions by EPA Method 300.0; and
- Carbon Dioxide by EPA Method 310.1.

Carbon dioxide was inadvertently not analyzed for samples collected at East Outfall #2 and East Outfall #3 during the semi-annual sampling event.

Annual Sampling Event

Surface water samples were collected from the following locations during the Annual Sampling Event conducted in August 2015:

- Outfalls: East Outfall 2, and East Outfall 3.

Surface water samples were not collected from any of the seeps due to due to the absence of an active discharge at each location.

Surface water samples collected during the Annual Sampling Event were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- VOCs – BTEX and MTBE by EPA Method 8260B;
- Total RCRA 8 Metals by EPA Method 6010B/7470 (Outfall locations only);
- Dissolved Metals by EPA Method 6010B/7470 (Outfall locations only);
- Alkalinity by EPA Method 310.1;
- Anions by EPA Method 300.0; and
- Carbon Dioxide by EPA Method 310.1.

2.1.6 San Juan River Terrace Sampling

San Juan River Terrace sampling includes the collection of surface water samples at four locations along the San Juan River and the collection of groundwater samples at the San Juan River Terrace. A summary of activities conducted and groundwater samples collected that are associated with the bioventing system located at the San Juan River Terrace are included in the previously submitted *River Terrace Voluntary Corrective Measures Bioventing System Report* dated March 2015. Therefore sampling activities associated with the Bioventing System are not included in this report.

Figure 3 shows the approximate surface water sample locations along the San Juan River. A summary of the surface water analytical results is provided in Section 3.1.6.

Semi-Annual Sampling Event

Surface water samples were collected from the following locations during the Semi-Annual Sampling Event conducted in April 2015:

- San Juan River: Upstream, North of MW-46, North of MW-45, and Downstream.

Surface water samples collected during the Semi-Annual Sampling Event were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- VOCs – BTEX and MTBE by EPA Method 8260B;
- TPH-DRO by EPA Method 8015B;
- TPH-GRO by EPA Method 8015B;
- TPH-MRO by EPA Method 8015B;
- Total RCRA 8 Metals by EPA Method 6010B/7470;
- Dissolved Metals by EPA Method 6010B/7470;
- Alkalinity by EPA Method 310.1; and
- Anions by EPA Method 300.0.

Annual Sampling Event

Surface water samples were collected from the following locations during the Annual Sampling Event conducted in August 2015:

- San Juan River: Upstream, North of MW-46, North of MW-45, and Downstream.

Surface water samples collected during the Annual Sampling Event were submitted to Hall Environmental Analytical Laboratory and analyzed for the following:

- VOCs – BTEX and MTBE by EPA Method 8260B;
- TPH-DRO by EPA Method 8015B;
- TPH-GRO by EPA Method 8015B;
- TPH-MRO by EPA Method 8015B;
- Total RCRA 8 Metals by EPA Method 6010B/7470;
- Dissolved Metals by EPA Method 6010B/7470;
- Alkalinity by EPA Method 310.1; and
- Anions by EPA Method 300.0.

2.1.7 Outfall and Seep Inspections

Bi-monthly visual inspections of Seeps 1 through Seep 3 and Seep 5 along the San Juan River Bluff were conducted in 2015. Figure 3 shows the location of the outfalls and seeps. A summary of the inspections performed is provided in Section 3.1.7.

2.2 Total Fluids Recovery Systems

2.2.1 Groundwater Recovery System

The Bloomfield Facility operates a total fluids pumping system used to bring SPH and hydrocarbon impacted groundwater to the surface for treatment and disposal. This is accomplished by actively pumping wells within the groundwater impacted area. Recovered fluids are pumped to the on-site API separator for product recovery. The remaining recovered fluid is pumped through the WWTS prior to disposal. The groundwater recovery system was operational throughout 2015. The wells that operated as active recovery wells in 2015 are RW-1, RW-2, RW-3, RW-9, RW-14, RW-15, RW-16, RW-17, RW-19, MW-20, RW-22, RW-23, RW-28, RW-42, MW-55, MW-56, MW-57 and MW-58. Figure 2 shows the location of the recovery wells within the Bloomfield Facility. An operational summary of the groundwater recovery system is included in Section 3.3.1.

2.2.2 North Boundary Barrier Wall Collection System

The North Boundary Barrier Wall, which was installed by April 2005, consists of a 2,700 foot long bentonite slurry wall that extends two to five feet into the Nacimiento Formation. The primary purpose of the wall is to prevent the migration of hydrocarbon-impacted groundwater towards the San Juan River. The collection system consists of 15 collection wells positioned along the facility-side of the barrier wall. For every collection well there was installed an observation well along the river-side of the barrier wall. Bloomfield Terminal personnel continued to monitor fluid levels on both sides of the barrier wall in 2015 by collecting depth-to-water and depth-to-product measurements. Figure 2 shows the location of the collection wells and observation wells along the North Boundary Barrier Wall. A summary of the data collected along the North Boundary Barrier Wall is provided in Section 3.3.2.

2.2.3 Hammond Ditch Recovery System

The Hammond Ditch Recovery System consists of recovery Tank 37, located along the western portion of the facility, and a French Drain system that was constructed below the concrete-lined Hammond ditch. Tank 37 collects groundwater from two 8-inch influent lines connected to the perforated sub-drain (the French Drain) beneath the Hammond Irrigation Canal. Tank 37 is equipped with a liquid level float control system and dedicated flow meter. Recovered water from Tank 37 is automatically pumped through a flow meter to the API Separator. The location of Tank 37 is shown on Figure 3.

The Hammond Ditch Recovery System serves as a hydraulic relief mechanism for groundwater that mounds along the Facility-side of the north barrier wall. Figure 3 shows the location of Tank 37. A summary of operational data for the Hammond Ditch Recovery System is included in Section 3.3.3.

2.2.4 River Terrace Remediation System

The River Terrace Bioventing System commenced operation in January 2006. A summary of activities associated with the River Terrace Bioventing System are submitted separately to the agency in March of each year.

2.2.5 East Outfall Recovery System

Outfall 1 is equipped with a holding tank and automatic pumping system. Water from Outfall 1 discharges into Tank 38 directly and then is pumped to the on-site WWTS prior to disposal. Figure 3 shows the location of Tank 38.

The flow rate of recovered water entering Tank 38 is dependent upon the operation the Hammond Ditch, which is located just south of Tank 38. A summary of the operational data of the East Outfall Recovery System for 2015 is included in Section 3.3.4.

2.3 Below-Grade Testing and Tank Inspections

Pursuant to conditions of approval stated in Discharge Permit GW-001 (regulated by the EMNRD-OCD), below-grade sumps and sewer boxes were tested in 2015. No underground lines were tested in 2015.

2.4 Waste Disposal

Western Refining indefinitely suspended refining operations at the facility on November 23, 2009. The crude unloading and product loading racks, storage tanks and other supporting equipment remain in operation. Recovered water from on-site remediation activities and facility operations is treated through the on-site WWTS. Treated water is then disposed of through the on-site Class I non-hazardous injection well or sent off-site to a Class 1 non-hazardous injection well for disposal.

All operational waste generated is properly characterized and disposed of off-site. Additional information regarding waste disposal activities is provided in Section 3.5.

SECTION 3.0
RESULTS SUMMARY

The following is a summary of the data collected, visual inspections conducted, and analytical results received during monitoring and testing performed in 2015. Figure 8 and Figure 9 provide a summary of the BTEX concentrations detected during the April 2015 and August 2015 sampling events, respectively.

3.1 Groundwater Monitoring

A summary of the groundwater analytical results for samples collected over the past few years are included in Table 3 through Table 10. Screening levels used to evaluate the groundwater condition at the Bloomfield Facility are reflective of the same conservative screening levels currently used for evaluation of on-going RCRA Investigation activities. Sample results included in the analytical summary tables that exceed the respective regulatory screening levels are highlighted in yellow, while all detected results are bolded. A copy of the respective analytical reports and Laboratory Quality Assurance Plan is included in Appendix B and Appendix C, respectively.

3.1.1 Groundwater Measurements

Depth-to-groundwater and depth-to-product measurements were collected at all refinery monitoring wells, recovery wells, observation wells, and collection wells in April and August 2015, with the exception of CW 25+95 the reason being it continually pumps to protect the groundwater from moving around the end of the slurry wall. Additional fluid measurements were collected at the sump wells periodically throughout the year to monitor fluid levels along the north side of the facility. The fluid pumping wells were turned off and the groundwater was allowed to stabilize for a minimum of 48-hours prior to the collection of fluid levels within the Refinery Complex during both the April and August sampling events. Figure 2 shows the location of the wells within the facility.

Using the fluid level measurements collected in April and August 2015, groundwater potentiometric surface elevations were calculated. The groundwater elevation data was used to developed groundwater potentiometric surface maps which show the general direction of groundwater flow within the Refinery Complex area. Table 1 provides a summary of the fluid level measurements collected in 2015. Figure 4 and Figure 5 represent the groundwater contours developed from data collected in April 2015 and August 2015, respectively. The groundwater contours show that groundwater generally flows in a northwest direction. A discussion of the SPH data collected is provided in Section 3.2 of this Report.

3.1.2 Groundwater Field Measurements

Prior to collecting groundwater samples, each well was purged of a minimum of three well volumes using a disposable bailer. Groundwater field parameters (temperature, pH, conductivity, dissolved oxygen (DO), oxidation-reduction potential (ORP), and total dissolved

solids (TDS)) were collected every two gallons or after purging one well volume, whichever was less. The total volume purged at each well was determined once the pH, temperature, and conductivity field parameters stabilized to within 10 percent for three measurements. The field parameters were collected using a YSI Professional Plus instrument. Field equipment calibration procedures performed prior to each sampling event are summarized in Appendix A. Table 2 provides a summary of the groundwater field parameters collected during the April 2015 and August 2015 sampling events. Field parameters were also collected from water samples collected at the East Outfalls, Seeps, and the San Juan River locations.

3.1.3 Refinery Complex Sampling

Refinery Wells

Volatile organic compounds detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- 1,2,4-Trimethylbenzene was detected above the respective screening level of 15 ug/l at RW-15, MW-30, and MW-31. The detected concentrations above the screening level ranged from 650 to 3,000 ug/l. The highest concentration was detected at MW-30 in August 2015.
- 1,3,5-Trimethylbenzene was detected above the respective screening level of 12 ug/l at RW-15, MW-30, and MW-31. The detected concentrations ranged between 82 ug/l and 740 ug/L with highest concentration detected at MW-30 in August 2015.
- 1-Methylnaphthalene was detected above the respective screening level of 2.3 ug/l at MW-4 with a concentration of 21 ug/l.
- Benzene was detected above the respective screening level of 5 ug/l at MW-4, RW-15, MW-30, and MW31. The detected concentrations ranged between 210 ug/l and 4,200 ug/l, with the highest concentration detected at MW-30 in August 2015.
- Ethylbenzene was detected above the respective screening level of 700 ug/l at MW-30 and MW-31. The detected concentrations were 4,000 ug/l and 1,600 ug/l in August 2015, respectively.
- Naphthalene was detected above the respective screening level of 1.65 ug/l at MW-4, RW-15, MW-30, and MW-31. The detected concentrations ranged between 78 ug/l and 600 ug/l, with the highest concentration detected at MW-30 in August 2015.
- Toluene was detected above the respective screening level of 750 ug/l at MW-30 and MW-31. The detected concentrations were 13,000 and 3,500 ug/l, respectively.
- Xylenes were detected above the respective screening level of 620 ug/l at RW-15, MW-30, and MW-31. The detected concentrations ranged between 1,000 ug/l and 16,000 ug/l, with the highest concentration detected at MW-30 in August 2015.

General chemistry parameters detected above the laboratory detection limit were below their respective screening levels in samples collected in 2014, with the following exceptions:

- Chloride was detected above the respective screening level of 250 mg/l at RW-15 at a concentration of 480 mg/l in August 2015.

- Sulfate was detected above the respective screening level of 600 mg/l at MW-44 with the detected concentration of 3,000 mg/l in August 2015.

Total metals constituents detected above the laboratory detection limit were at or below their respective screening levels in all samples collected in 2015. Dissolved metals constituents detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions

- Barium was detected above the respective screening level of 1.0 mg/l at MW-4, RW-15, and MW-31. The detected concentrations ranged from 1.4 to 2.3 mg/l with the highest concentration detected at MW-4 in August 2015 5.
- Iron was detected above the respective screening level of 1.0 mg/l at MW-4, RW-15, and MW-30. The detected concentrations ranged from 1.5 to 48 mg/l with the highest concentration detected at RW-15 in August 2015.
- Manganese was detected above the respective screening level of 0.2 mg/l at MW-4, RW-15, MW-29, MW-30, MW-31 and MW-44. The detected concentrations ranged between 0.99 mg/l and 3.5 mg/l, with the highest concentration detected at MW-4 in August 2015.

Total petroleum hydrocarbons were detected above the laboratory detection limits in all three fractions (GRO, DRO, and MRO). The detected GRO concentrations ranged from 14 to 120 mg/l. The detected concentrations of DRO ranged from 2.1 to 20 mg/l. The MRO fraction was detected in a single sample at RW-15 at a concentration of 12 mg/l.

A summary of the analytical results for samples collected at the Refinery Complex Wells is provided in Table 3.

Cross-Gradient Wells

Volatile organic compounds were not detected above the laboratory detection limit in samples collected in 2015.

General chemistry parameters detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Chloride was detected above the respective screening level of 250 mg/l at MW-27 and MW-32 in August 2015. The detected concentrations were 450 mg/l and 530 mg/l, respectively.
- Nitrate was detected above the respective screening level of 10 mg/l at MW-32 at a concentration of 55 mg/l.
- Sulfate was detected above the respective screening level of 600 mg/l at MW-13, MW-27, and MW-32. The detected concentrations ranged between 1,100 mg/l and 2,200 mg/l, with the highest concentration detected at MW-27 in August 2015.

Total metals constituents detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015. Dissolved metals constituents detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Manganese was detected above the respective screening level of 0.2 mg/l at MW-13 and MW-27. The detected concentrations were 0.6 mg/l and 6.0 mg/l, respectively.

Total petroleum hydrocarbons were detected in analyses for the GRO and DRO fractions. The GRO concentrations ranged from 0.19 to 0.25 mg/l and DRO concentrations ranged from 0.28 to 3.9 mg/l.

A summary of the analytical results for samples collected at the Cross-Gradient Wells is provided in Table 4.

Downgradient Wells

Volatile organic compounds detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- 1,2,4-Trimethylbenzene was detected above the respective screening level of 15 ug/l at MW-11 and MW-35. The detected concentration was 390 ug/l and 19 ug/l, respectively.
- 1-Methylnaphthalene was detected above the respective screening level of 2.3 mg/l at MW-11 with a concentration of 16 mg/l in August 2015.
- Benzene was detected in samples collected at MW-11 at 14 ug/l, only slightly above the screening level of 5 ug/l.
- Naphthalene was detected above the respective screening level of 1.43 ug/l at MW-11. The detected concentration was 71 ug/l.

General chemistry parameters detected above the laboratory detection limit were below their respective screening levels in samples collected in 2014.

Total metals constituents detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Arsenic was detected above the screening level of 0.015 mg/l at MW-11 and MW-35 at concentrations of 0.035 and 0.11 mg/l, respectively, in August 2015; and
- Chromium was detected above the respective screening level of 0.05 mg/l at MW-12 at a concentration of 0.34 mg/l in August 2015.

Dissolved metals constituents detected above the laboratory detection limit were below their respective screening levels in samples collected in 2014, with the following exceptions:

- Barium was detected above the screening level of 1.0 mg/l at MW-35 at a concentration of 1.6 mg/l in August 2015;
- Iron was detected above the respective screening level of 1.0 mg/l at MW-11 and MW-34. The detected concentrations were 9.6 mg/l and 2.8 mg/l, respectively; and
- Manganese was detected above the respective screening level of 0.2 mg/l at MW-11, MW-34, MW-35, and MW-37. The detected concentrations ranged between 1.0 mg/l and 3.2 mg/l, with the highest concentration detected at MW-34 in August 2015.

Total petroleum hydrocarbons were detected in the GRO and DRO fractions. GRO ranged from 0.54 mg/l to 2.4 mg/l with the highest concentration at MW-11. The DRO fraction was detected at concentrations ranging from 0.38 mg/l to 1.5 mg/l with the highest concentration detected at MW-11 in the sample collected in August 2015.

A summary of the analytical results for samples collected at the Downgradient Wells is provided in Table 5.

RCRA Wells

Volatile organic compounds detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- 1,2,4-Trimethylbenzene was detected above the respective screening level of 15 ug/l at MW-65, with a concentration of 860 ug/l detected in August 2015;
- 1,2-Dichloroethane was detected above the respective screening level of 5 ug/l at MW-59 and MW-65. The detection concentrations were 18 ug/l and 200 ug/l, respectively;
- 1-Methylnaphthalene was detected above the respective screening level of 2.3 ug/l at MW-65, with a detected concentration of 120 ug/l;
- Benzene was detected above the respective screening level of 5 ug/l at MW-59 and MW-65. The detected concentrations were 7.3 ug/l and 7,800 ug/l, respectively. The highest detected concentrations at MW-65 in August 2015;
- Ethylbenzene was detected above the respective screening level of 700 ug/l at MW-65, with a concentration detected of 1,900 ug/l in August 2015;
- MTBE was detected above the respective screening level of 143 ug/l at MW-59, and MW-65. The detected concentration was 1,400 ug/l and 1,400 ug/l respectively; and
- Naphthalene was detected above the respective screening level of 1.65 ug/l at MW-65. The detected concentration was 210 ug/l.

General chemistry parameters detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Chloride was detected above the respective screening level of 250 mg/l at MW-52, MW-53, MW-63, MW-64 and MW-70. The detected concentrations ranged between 270 mg/l and 940 mg/l. The highest concentration was detected at MW-64.
- Nitrate was detected above the respective screening level of 10 mg/l at MW-52, MW-53, MW-63, MW-64, and MW-67. The detected concentrations ranged between 12 mg/l and 78 mg/l. The highest concentration was detected at MW-63.
- Sulfate was detected above the respective screening level of 600 mg/l at MW-52, MW-53, MW-59, MW-62, MW-63, MW-64, MW-65, and MW-70. The detected concentrations ranged between 780 mg/l and 4,000 mg/l, with the highest concentration detected at MW-62.

Total metals constituents detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Arsenic was detected above the screening level of 0.015 mg/l at MW-59 with a concentration of 0.022 mg/l; and
- Selenium was detected above the screening level of 0.05 mg/l at MW-52 with a concentration of 0.069 mg/l.

Dissolved metals constituents detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Iron was detected above the respective screening level of 1.0 mg/l at MW-52, MW-59, MW-65, and MW-70. The detected concentrations ranged between 2.2 mg/l and 8.5 mg/l with the highest concentration at MW-70.
- Manganese was detected above the respective screening level of 0.2 mg/l at MW-51, MW-52, MW-53, MW-59, MW-62, MW-63, MW-65, MW-67, and MW-70. The detected concentrations ranged between 0.38 mg/l and 4.3 mg/l, with the highest concentration detected at MW-70; and
- Selenium was detected at MW-52 with a concentration of 0.09 mg/l, which exceeds the screening level of 0.05 mg/l.

Total petroleum hydrocarbons were detected above the laboratory detection limit in the GRO and DRO fractions. The GRO concentrations ranged between 1.1 mg/l and 19 mg/l. The DRO concentrations ranged between 0.21 mg/l and 7.7 mg/l.

A summary of the analytical results for samples collected at the RCRA Wells is provided in Table 6.

3.1.4 North Boundary Barrier Sampling

Collection Wells

Volatile organic compounds detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Benzene was detected above the screening level of 0.005 mg/l at CW 25+95. The detected concentrations ranged between 0.11 mg/l and 0.21 mg/l, with the highest concentration detected in April 2015.

Total petroleum hydrocarbons detected above the laboratory detection limit in all three fractions (i.e., GRO, DRO and MRO). The GRO concentrations ranged from 0.51 mg/l to 2.7 mg/l, while DRO concentrations ranged from 1.3 mg/l to 1.7 mg/l. MRO was detected in a single sample at a concentration of 3.1 mg/l.

A summary of the analytical results for samples collected at the collection Wells in 2015 is provided in Table 7.

Observation Wells

Volatile organic compounds detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exceptions:

- Benzene was detected above the screening level of 0.005 mg/l at OW 11+15. The detected concentrations in April 2015 and August 2015 were 1.7 mg/l and 2.5 mg/l, respectively; and
- MTBE was detected above the respective screening level of 0.143 mg/l at OW 11+15 and OW 16+60. The detected concentrations ranged from 0.41 mg/l to 0.64 mg/l.

Total petroleum hydrocarbons detected above the laboratory detection limit in the GRO and in DRO fractions. The GRO concentrations ranged from 0.12 mg/l to 4.7 mg/l, while DRO concentrations ranged from 0.24 mg/l to 94 mg/l.

A summary of the analytical results for samples collected at the observation wells in 2015 is provided in Table 7.

3.1.5 San Juan River Bluff Sampling

Outfalls

Samples were collected from East Outfall #2 and East Outfall #3 in April and August 2015. A summary of the analytical results for samples collected at East Outfall #2 and East Outfall #3 in 2015 is provided in Table 8.

Volatile organic compounds were not detected in samples collected in 2015. General chemistry parameters detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015. Total and dissolved metals constituents detected above the laboratory detection limit were all below their respective screening levels in samples collected in April and August 2015.

Seeps

Samples were only collected from Seep 1 in April 2015, as the seep location was dry in August 2015. The remaining seeps were not sampled due to lack of water for sample collection.

Volatile organic compounds detected above laboratory detection limit were below their respective screening levels in samples collected for 2015.

General chemistry parameters detected above the laboratory detection limit were below their respective screening levels in samples collected in 2015, with the following exception:

- Sulfate was detected above the respective screening level of 600 mg/l at Seep 1 in April 2015. The reported concentration was 1,200 mg/l.

A summary of the analytical results for samples collected at the Seeps in 2015 is provided in Table 9.

3.1.6 San Juan River Terrace Sampling

Sample locations related to the bioventing system are discussed in a separate report, and therefore are not included in this submittal. However, surface water samples were collected at four locations along the San Juan River in 2015. Samples were collected in April 2015 and August 2015 upstream of the refinery, north of MW-46, north of MW-45, and downstream of the refinery.

A summary of the analytical results for samples collected at North of MW-46, North of MW-45, Upstream, and downstream in 2015 is provided in Table 10.

Volatile organic compounds were not detected above laboratory detection limits in any of the samples for 2015. Similarly, Total Petroleum Hydrocarbons (TPHs) were not detected above laboratory detection limits in surface water samples collected for 2015. General chemistry parameters detected above the laboratory detection limits were below their respective screening levels in samples collected in 2015.

Total and dissolved metal constituents detected above the laboratory detection limits were below their respective screening levels in samples collected in 2015. Figure 3 shows the location of the San Juan River samples in relation to the Bloomfield Refinery.

3.1.7 Outfall and Seep Inspections

Bi-monthly visual inspections of Seeps 1 through Seep 3 and Seep 5 were conducted in 2015. Inspections of the draws north of the barrier wall and analysis of samples of water collected in the seeps indicate that the barrier wall is preventing migration of contaminated groundwater toward the San Juan River.

Visual inspection of the East Fork area indicates that the flow rate at this seep location has remained constant at approximately 1 gallon/minute. The flow rate at this location does not appear to be impacted by the operation of the Hammond Ditch. Figure 3 shows the location of the outfalls and seeps in relation to the Bloomfield Refinery.

3.2 Separate-Phase Hydrocarbons

Field measurements collected in April and August 2015 were also used to determine product thickness in areas where SPH was detected. In April 2015, SPH was identified in 16 wells. The product thickness detected ranged between 0.01 feet and 1.08 feet, with the most product detected at recovery well CW 11+15. In August 2015, SPH was identified in 22 wells. The product thickness ranged between 0.01 feet and 2.20 feet, with the most product detected at recovery well RW-16. Figure 6 and Figure 7 show a summary of the product thickness detected in April 2015 and August 2015, respectively.

Product had been detected in the groundwater prior to suspension of refining operations in November 2009. Review of the past eight years of data collected shows SPH to be present in four general areas of the facility; the Terminals Area, the Tank Farm Area, the former Refinery Process Area, and the North Boundary Barrier Area. The following is a brief summary of the SPH trends observed as reported each year. A review of the historic SPH measurements collected are included in the Facility-Wide Groundwater Monitoring Plan dated December 2007 and in subsequent Annual Groundwater Remediation & Monitoring Reports submitted in April of each year.

Terminals Area

The Terminals area is located south of County Road 4990. Primary operations in this area include product loading and unloading, crude unloading, and product storage. At the Terminal Area, SPH has been localized to two wells (MW-61 and MW-66). These wells were installed in 2009 as part of the on-going RCRA investigation activities. Over the past three years, SPH has been detected at MW-61, which is located just east of the Terminal office building. The SPH thickness at MW-61 has fluctuated between 0.32 feet and 0.98 feet. At MW-66, located west of Tank 45, the amount of detectable SPH has fluctuated between 0.01 feet and 0.32 feet. In 2015, the SPH measurements in April 2015 and August 2015 were non-detect and 0.01ft, respectively.

Tank Farm Area

The Tank Farm Area is located in the eastern portion of the facility, north of County Road 4990. This area is equipped with four total fluids recovery wells located along the center dike area (RW-14, RW-15, RW-16, and RW-17). Each well is equipped with a dedicated pneumatic pump that operates on a timer. All fluids pumped from these wells are routed to the on-site WWTP for product recovery and treatment.

Former Refinery Process Area

In 2005, a 2,700-foot long bentonite slurry wall was installed along the western and northern boundary of the former process area. This north boundary barrier provides hydraulic control for product and groundwater that exists at the Bloomfield facility. Several monitoring wells located within the vicinity of the former refinery process area have shown detectable amounts of SPH prior to the suspension of refinery operations in November 2009. Total fluids recovery wells, as well as the French drain fluids collection system located below the Hammond Ditch in this area, provide hydraulic relieve and enhance product recovery efforts.

Two wells within the warehouse area have shown detectable SPH. Monitoring well MW-54, which was installed in 2008, has shown decreasing levels of SPH since 2010. In August 2015, MW-54 contained approximately 0.05 feet of SPH. Recovery well RW-1 is an active total fluids recovery well. This well operates at a constant flowrate of approximately 2 gpm. The amount of SPH at RW-1 has fluctuated since 2008.

Two active recovery wells (RW-2 and RW-3) are located along the southern property boundary and are equipped with dedicated pneumatic total fluids pumps. In August 2015, RW-2 did not contain any measurable SPH. RW-3 has shown traces of SPH prior to returning to operation in 2012, with SPH detected at 0.05 feet or less. No measureable SPH was detected in RW-3 in 2015.

Monitoring well MW-41, located adjacent to the former crude process unit, has shown fluctuating levels of SPH over the years. The range of SPH detected has been between 0.01 feet and 1.18 feet since 2007. As of August 2015, MW-41 contained 0.24 feet of SPH.

The SPH level at RW-42, an active recovery well located upstream of MW-41, has also fluctuated over time. The amount of SPH has ranged between 0.00 feet and 0.90 feet since 2007. In August 2015, the amount of SPH detected was 0.01 feet.

In the area near the WWTP and north of the former process units there are several wells in which SPH has been detected over the years. It is expected to see SPH levels fluctuate in this area due the numerous active fluids pumping wells, as well as, the existence of the north boundary barrier providing hydraulic control for all groundwater beneath the former process areas. To further enhance the product recovery efforts in this area, work has been done to equip five existing monitoring wells with dedicated pneumatic pumps for total fluids recovery. Monitoring wells MW-55, MW-56, MW-57, MW-58, and MW-20 have been converted to recovery wells. These wells are located in the area where SPH is currently most prevalent. The wells have been operational as of 2013 and continued to operate well through 2015.

North Boundary Barrier Area

In 2005, a 2,700-foot long bentonite slurry wall was installed along the western and northern boundary of the former process area. This north boundary barrier provides hydraulic control for product and groundwater within the Bloomfield facility. Monitoring wells and observation wells located along the river-side of the slurry wall have shown intermittent detections of SPH. The amount of groundwater detected in these wells is significantly less than the wells located on the refinery-side of the wall, giving proof that the hydraulic barrier is effective. The intermittent detections of SPH are believed to be the residual effect of SPH in the area that existed prior to installation of the slurry wall.

3.3 Total Fluids Recovery Systems

3.3.1 Groundwater Recovery System

In 2015, 18 wells operated as total fluids recovery wells. The wells used for total fluids recovery were RW-1, RW-2, RW-3, RW-9, RW-14, RW-15, RW-16, RW-17, RW-19, MW-20, RW-22, RW-23, RW-28, RW-42, MW-55, MW-56, MW-57 and MW-58. The recovery wells are not equipped with individual flow meters. Most wells are equipped with pneumatic pumps that run on a timer system. Based on the timer setting and field verified flow rates, the total gallons pumped per well over time are calculated.

RW-18 did not pump during 2015. The well was removed from service during the demolition of the refinery process units in 2014. It resides in the middle of the former Distillate Hydrotreater Unit and the air supply was removed to the pump. RW-18 has also been in need of major rework and there is not access to bring in a drill rig to do so. A monitoring well has recently been installed in close proximity to RW-18 during the Group 9 RCRA Investigation of the former refinery process units and may serve as a viable replacement recovery well for well for RW-18.

3.3.2 North Boundary Barrier Wall Collection System

Depth-to-groundwater measurements collected in April 2015 and August 2015 indicate that the barrier wall continues to provide a hydraulic barrier for groundwater below the facility. Based on the data collected in 2015, six of the fourteen observation wells contain little to no fluid (i.e. measuring less than 0.5 ft of fluid in the well at any one time).

Table 1 provides a summary of the fluids level measurements collected from the wells along the north boundary barrier wall.

3.3.3 Hammond Ditch Recovery System

The Hammond Ditch Recovery System serves as a hydraulic relief system for groundwater accumulating within the western portion of the Refinery. All water recovered through the Hammond Ditch French drain west of the pipeline easement discharges to Tank 37, which is then transferred to the API separator for product recovery. The location of Tank 37 is shown on Figure 3. Refinery Operators inspect the operation of recovery system and Tank 37 daily and record the amount of water recovered in the tank using a flow meter located on the discharge

end of the Tank 37 transfer pump. In 2015, the total volume of fluids recovered at Tank 37 was approximately 812,154 gallons.

3.3.4 East Outfall Recovery System

Total fluids from Outfall 1 is recovered via Tank 38 and transferred to the WWTS for treatment prior to disposal through the on-site injection well. Figure 3 shows the location of Tank 38.

Tank 38 piping is equipped with a flow meter to measure the total gallons transferred to the WWTP. In 2015, the total fluid volume recovered at Tank 38 was approximately 6,795,978 gallons.

3.4 Below-Grade Testing and Inspections

Pursuant to conditions of approval stated in Discharge Permit GW-001 (regulated by the Oil Conservation Division), Bloomfield Terminal personnel conducted annual below-grade sump testing. In 2015 all sumps within the facility were cleaned out with a vacuum truck, visually inspected, and hydrostatically tested, for a minimum of 60 minutes if required to insure integrity. All sumps tested in 2015 passed and were returned to normal service with the exception of one concrete sump located on the west side of Tank 28. The sump was found to be damaged near the top where a steam line had eroded the concrete; however, the impacted area was above the operational level of the sump and there was no threat of a release. The sump was removed from service. Double-walled steel (DW Steel) sumps were also inspected through the leak detection port. No evidence of moisture was observed.

Testing of underground process piping scheduled for 2015 is being conducted in 2016. Appendix D summarizes the underground piping testing and up-dated tank inspection schedule.

3.5 Waste Disposal

Western Refining indefinitely suspended refining operations at the Bloomfield Facility on November 23, 2009. The crude unloading and product loading racks, storage tanks and other supporting equipment remain in operation. Recovered water from on-site remediation activities and facility operations is treated through the on-site WWTS. Treated water is then disposed of through a Class I non-hazardous injection well. Due to mechanical issues, the on-site Class I injection well was shut down on September 22, 2015 and was plugged and abandoned in October 2015. It is anticipated that a replacement well will be installed. During the interim period, wastewater that has been processed through the WWTS is being transported for off-site disposal at a permitted commercial Class I non-hazardous injection well.

All operational waste generated is properly characterized and disposed of off-site. A summary of such wastes for 2015 is provided in Appendix E.

SECTION 4.0
CONCLUSIONS

The following is a summary of conclusions based on monitoring and inspection data collected in 2015.

4.1 Groundwater Monitoring

Western has in-place a Facility-Wide Groundwater Monitoring Program that is up-dated annually as required under the 2007 Consent Order issued by NMED-HWB. Up-dates to this program include incorporation of additional wells installed as part of on-going completed RCRA Investigation activities. Such up-dates are proposed for agency approval in June of each year. Screening levels used to evaluate the groundwater condition at the Bloomfield Terminal are reflective of the same conservative screening levels currently used for evaluation of on-going RCRA Investigation activities. Tables 3 through 10 include the most conservative screening level for each respective analyte. Sample results included in the analytical summary tables that exceed the respective sample results are highlighted in yellow and all detected results are bolded. Figure 8 and Figure 9 shows a summary of the BTEX and MTBE concentrations detected site-wide during the April 2015 and August 2015 sampling events, respectively.

Depth-to-groundwater and depth-to-product measurements were collected at all refinery monitoring wells, recovery wells, observation wells, collection wells and sump wells in 2015, with the exception of CW 25+95. Groundwater elevation contours show that groundwater flows in the general northwest direction, with the groundwater under the process areas flowing towards the north boundary barrier wall and Hammond Ditch Collection System.

Groundwater Quality

Based on the analytical results for groundwater monitoring collected in 2015, the following constituents were detected at concentrations in groundwater above their respective most conservative screening levels.

Organic Compounds:
- 1,2,4-Trimethylbenzene
- 1,2-Dichlorethane
- 1,3,5-trimethylbenzene
- 1-Methylnaphthalene
- Naphthalene
- Benzene
- Ethylbenzene
- MTBE
- Toluene
- Xylenes

General Chemistry:
- Chloride
- Sulfate
- Nitrate

Total Metals:
- Arsenic
- Chromium
- Selenium

Dissolved Metals:
- Barium
- Iron
- Manganese
- Selenium

Naturally occurring background concentrations in groundwater are currently being evaluated through the Background Investigation activities conducted as part of the July 2007 Consent Order issued by NMED-HWB.

4.2 Outfall and Seep Inspections

Bi-monthly visual inspections of Seeps 1 through 3 and Seep 5 along the San Juan River Bluff were conducted in 2015. No visual sheens or odors were identified during the inspection. Fluid in the Seeps is most often prevalent during the spring, corresponding with the times of higher precipitation. In 2015, only Seep 1 had sufficient discharge for sample collection in April and none of the seeps had sufficient discharge to allow for sample collection in August.

4.3 Total Fluids Recovery Systems

The Bloomfield Refinery operates and monitors several fluid recovery systems within the facility, which include:

- Groundwater Recovery System using recovery wells within the Refinery Complex;
- North Boundary Barrier Collection System;
- Hammond Ditch Recovery System;
- River Terrace Remediation system; and
- East Outfall Recovery System.

All fluids recovered from these systems, with the exception of the effluent from the River Terrace Remediation System, are pumped to the on-site WWTS for treatment prior to disposal through the on-site injection well. Water from the River Terrace is treated separately and is re-used as water for facility operations.

4.4 Below-Grade Testing and Tank Inspections

Underground process piping scheduled for inspection in 2015 is being conducted in 2016. Sumps were inspected to determine their integrity for service. All sumps tested in 2015 passed and were returned to normal service with the exception of one concrete sump located on the west side of Tank 28. The sump was found to be damaged near the top where a steam line had eroded the concrete; however, the impacted area was above the operational level of the sump and there was no threat of a release. The sump was removed from service. In addition, petroleum storage tanks continue to be inspected at a frequency that is in compliance with API 650 and 653 guidelines.

SECTION 5.0
REFERENCES

Groundwater Technology, Inc., 1994, RCRA Facility Investigation/Corrective Measures Study Report Bloomfield Refining Company #50 County Road 4990 Bloomfield, New Mexico.

NMED, 2007, State of New Mexico Environment Department v. San Juan Refining Company and Giant Industries, Inc.; Order July 27, 2007.

NMOCD, 2010, New Mexico Oil Conservation Division, Discharge Permit Renewal (GW-001) Bloomfield Refinery, July 7, 2010.

Tables

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-01	08/18/15	5519.21	21.56	NPP	16.95	5502.26	NPP
	04/20/15	5519.21	21.56	NPP	16.95	5502.26	NPP
	08/18/14	5519.21	21.56	NPP	17.14	5502.07	NPP
	04/02/14	5519.21	21.56	NPP	17.60	5501.61	NPP
	08/05/13	5519.21	21.56	NPP	17.18	5502.03	NPP
	04/08/13	5519.21	21.56	NPP	17.51	5501.70	NPP
	08/06/12	5519.21	21.56	NPP	17.11	5502.10	NPP
	04/02/12	5519.21	21.56	NPP	17.56	5501.65	NPP
	08/16/11	5519.21	21.56	NPP	16.99	5502.22	NPP
	04/11/11	5519.21	21.56	NPP	17.47	5501.74	NPP
MW-03	08/18/15	5539.27	36.75	NPP	36.13	5503.14	NPP
	04/27/15	5539.27	36.75	NPP	36.25	5503.02	NPP
	08/18/14	5539.27	36.75	NPP	36.49	5502.78	NPP
	04/02/14	5539.27	36.75	NPP	NWP	NWP	NPP
	08/05/13	5539.27	36.75	NPP	NWP	NWP	NPP
	04/08/13	5539.27	36.75	NPP	NWP	NWP	NPP
	08/06/12	5539.27	36.75	NPP	36.42	5502.85	NPP
	04/02/12	5539.27	36.75	NPP	NWP	NWP	NPP
	08/16/11	5539.27	36.75	NPP	36.43	5502.84	NPP
	04/11/11	5539.27	36.75	NPP	36.53	5502.74	NPP
MW-04	08/25/15	5527.78	30.48	NPP	27.94	5499.84	NPP
	04/27/15	5527.78	30.48	NPP	27.12	5500.66	NPP
	08/18/14	5527.78	30.48	NPP	27.47	5500.31	NPP
	04/02/14	5527.78	30.48	NPP	27.45	5500.33	NPP
	08/05/13	5527.78	30.48	NPP	27.45	5500.33	NPP
	04/08/13	5527.78	30.48	NPP	27.41	5500.37	NPP
	08/06/12	5527.78	30.48	NPP	27.40	5500.38	NPP
	04/02/12	5527.78	30.48	NPP	27.43	5500.35	NPP
	08/17/11	5527.78	30.48	NPP	27.27	5500.51	NPP
	04/11/11	5527.78	30.48	NPP	27.23	5500.55	NPP
MW-05	08/13/15	5548.56	37.20	NPP	NWP	NWP	NPP
	04/27/15	5548.56	37.20	NPP	NWP	NWP	NPP
	08/18/14	5548.56	37.20	NPP	NWP	NWP	NPP
	04/02/14	5548.56	37.20	NPP	NWP	NWP	NPP
	08/05/13	5548.56	37.20	NPP	NWP	NWP	NPP
	04/08/13	5548.56	37.20	NPP	NWP	NWP	NPP
	08/06/12	5548.56	37.20	NPP	NWP	NWP	NPP
	04/02/12	5548.56	37.20	NPP	NWP	NWP	NPP
	08/17/11	5548.56	37.20	NPP	NWP	NWP	NPP
	04/11/11	5548.56	37.20	NPP	NWP	NWP	NPP
MW-06	08/13/15	5554.61	48.00	NPP	NWP	NWP	NPP
	04/27/15	5554.61	48.00	NPP	NWP	NWP	NPP
	08/18/14	5554.61	48.00	NPP	NWP	NWP	NPP
	04/02/14	5554.61	48.00	NPP	NWP	NWP	NPP
	08/05/13	5554.61	48.00	NPP	NWP	NWP	NPP
	04/08/13	5554.61	48.00	NPP	NWP	NWP	NPP
	08/06/12	5554.61	48.00	NPP	NWP	NWP	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-07	08/13/15	5527.66	62.61	NPP	27.75	5499.91	NPP
	04/27/15	5527.66	62.61	NPP	27.43	5500.23	NPP
	08/18/14	5527.66	62.61	NPP	28.03	5499.63	NPP
	04/02/14	5527.66	62.61	NPP	27.58	5500.08	NPP
	08/05/13	5527.66	62.61	NPP	27.88	5499.78	NPP
	04/08/13	5527.66	62.61	NPP	27.45	5500.21	NPP
	08/06/12	5527.66	62.61	NPP	27.87	5499.79	NPP
	04/02/12	5527.66	62.61	NPP	27.40	5500.26	NPP
	08/17/11	5527.66	62.61	NPP	27.65	5500.01	NPP
	04/11/11	5527.66	62.61	NPP	27.25	5500.41	NPP
MW-08	08/13/15	5534.58	35.93	NPP	31.42	5503.16	NPP
	04/27/15	5534.58	35.93	NPP	31.54	5503.04	NPP
	08/18/14	5534.58	35.93	NPP	31.73	5502.85	NPP
	04/02/14	5534.58	35.93	NPP	32.11	5502.47	NPP
	08/05/13	5534.58	35.93	NPP	31.90	5502.68	NPP
	04/08/13	5534.58	35.93	NPP	31.82	5502.76	NPP
	08/06/12	5534.58	35.93	NPP	31.70	5502.88	NPP
	04/02/12	5534.58	35.93	NPP	31.94	5502.64	NPP
	08/17/11	5534.58	35.93	NPP	31.72	5502.86	NPP
	04/11/11	5534.58	35.93	NPP	31.94	5502.64	NPP
MW-11	08/19/15	5510.31	22.94	NPP	11.25	5499.06	NPP
	04/20/15	5510.31	22.94	NPP	11.30	5499.01	NPP
	08/18/14	5510.31	22.94	NPP	10.95	5499.36	NPP
	04/02/14	5510.31	22.94	NPP	11.85	5498.46	NPP
	08/05/13	5510.31	22.94	NPP	11.82	5498.49	NPP
	04/08/13	5510.31	22.94	NPP	11.91	5498.40	NPP
	08/06/12	5510.31	22.94	NPP	11.72	5498.59	NPP
	04/02/12	5510.31	22.94	NPP	11.90	5498.41	NPP
	08/16/11	5510.31	22.94	NPP	11.64	5498.67	NPP
	04/11/11	5510.31	22.94	NPP	11.76	5498.55	NPP
MW-12	08/19/15	5501.61	14.98	NPP	8.52	5501.79	NPP
	04/20/15	5501.61	14.98	NPP	8.55	5501.76	NPP
	08/18/14	5501.61	14.98	NPP	8.42	5501.89	NPP
	04/02/14	5501.61	14.98	NPP	10.20	5500.11	NPP
	08/05/13	5501.61	14.98	NPP	10.70	5499.61	NPP
	04/08/13	5501.61	14.98	NPP	10.58	5499.73	NPP
	08/06/12	5501.61	14.98	NPP	10.53	5491.08	NPP
	04/02/12	5501.61	14.98	NPP	10.54	5491.07	NPP
	08/16/11	5501.61	14.98	NPP	10.92	5490.69	NPP
	04/11/11	5501.61	14.98	NPP	10.48	5491.13	NPP
MW-13	08/18/15	5542.04	52.89	NPP	40.53	5501.51	NPP
	04/20/15	5542.04	52.89	NPP	40.68	5501.36	NPP
	08/18/14	5542.04	52.89	NPP	40.94	5501.10	NPP
	04/02/14	5542.04	52.89	NPP	40.90	5501.14	NPP
	08/05/13	5542.04	52.89	NPP	40.85	5501.19	NPP
	04/08/13	5542.04	52.89	NPP	40.80	5501.24	NPP
	08/06/12	5542.04	52.89	NPP	40.77	5501.27	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-20	08/13/15	5519.9	27.13	20.6	20.65	5499.29	0.05
	04/27/15	5519.9	27.13	NPP	20.73	5499.17	NPP
	08/18/14	5519.9	27.13	20.9	21.30	5498.92	0.40
	04/02/14	5519.9	27.13	20.77	21.80	5498.92	1.03
	08/05/13	5519.9	27.13	20.69	21.41	5499.07	0.72
	04/08/13	5519.9	27.13	20.81	21.65	5498.92	0.84
	08/06/12	5519.9	27.13	20.66	21.60	5499.05	0.94
	04/02/12	5519.9	27.13	20.72	21.67	5498.99	0.95
	08/18/11	5519.9	27.13	20.73	21.34	5499.05	0.61
	04/11/11	5519.9	27.13	20.71	21.33	5499.07	0.62
MW-21	08/13/15	5521.99	30.38	21.32	21.33	5500.67	0.01
	04/27/15	5521.99	30.38	NPP	21.54	5500.45	NPP
	08/18/14	5521.99	30.38	NPP	21.64	5500.35	NPP
	04/02/14	5521.99	30.38	NPP	22.00	5499.99	NPP
	08/05/13	5521.99	30.38	21.83	21.86	5500.15	0.03
	04/08/13	5521.99	30.38	21.82	21.87	5500.16	0.05
	08/06/12	5521.99	30.38	21.75	21.80	5500.23	0.05
	04/02/12	5521.99	30.38	21.96	21.98	5500.03	0.02
	08/18/11	5521.99	30.38	21.84	21.87	5500.14	0.03
	04/11/11	5521.99	30.38	21.80	21.86	5500.18	0.06
MW-25	08/13/15	5533.99	41.20	NPP	32.82	5501.17	NPP
	04/27/15	5533.99	41.20	NPP	33.95	5500.04	NPP
	08/18/14	5533.99	41.20	NPP	33.25	5500.74	NPP
	04/02/14	5533.99	41.20	NPP	33.24	5500.75	NPP
	08/05/13	5533.99	41.20	33.18	33.20	5500.81	0.02
	04/08/13	5533.99	41.20	33.14	33.15	5500.85	0.01
	08/06/12	5533.99	41.20	33.12	33.15	5500.86	0.03
	04/02/12	5533.99	41.20	33.11	33.12	5500.88	0.01
	08/17/11	5533.99	41.20	NPP	32.97	5501.02	NPP
	04/11/11	5533.99	41.20	32.85	33.01	5501.11	0.16
MW-26	08/13/15	5517.88	25.11	17.31	17.55	5500.52	0.24
	04/20/15	5517.88	25.11	17.48	17.72	5500.35	0.24
	08/18/14	5517.88	25.11	17.7	17.95	5500.13	0.25
	04/02/14	5517.88	25.11	17.78	17.82	5500.09	0.04
	08/05/13	5517.88	25.11	17.73	18.01	5500.09	0.28
	04/08/13	5517.88	25.11	17.72	17.83	5500.14	0.11
	08/06/12	5517.88	25.11	NPP	17.71	5500.17	NPP
	04/02/12	5517.88	25.11	NPP	17.68	5500.20	NPP
	08/16/11	5517.88	25.11	NPP	17.58	5500.30	NPP
	04/11/11	5517.88	25.11	NPP	17.50	5500.38	NPP
MW-27	08/18/15	5518.67	24.42	NPP	18.62	5500.05	NPP
	04/20/15	5518.67	24.42	NPP	18.86	5499.81	NPP
	08/18/14	5518.67	24.42	NPP	22.38	5496.29	NPP
	04/02/14	5518.67	24.42	NPP	21.65	5497.02	NPP
	08/05/13	5518.67	24.42	NPP	22.43	5496.24	NPP
	04/08/13	5518.67	24.42	NPP	21.56	5497.11	NPP
	08/06/12	5518.67	24.42	NPP	20.89	5497.78	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-29	08/24/15	5524.97	28.62	NPP	22.70	5502.27	NPP
	04/27/15	5524.97	28.62	NPP	22.83	5502.14	NPP
	08/18/14	5524.97	28.62	NPP	23.00	5501.97	NPP
	04/02/14	5524.97	28.62	NPP	23.42	5501.55	NPP
	08/05/13	5524.97	28.62	NPP	23.13	5501.84	NPP
	04/08/13	5524.97	28.62	NPP	23.25	5501.72	NPP
	08/06/12	5524.97	28.62	NPP	23.06	5501.91	NPP
	04/02/12	5524.97	28.62	NPP	23.34	5501.63	NPP
	08/17/11	5524.97	28.62	NPP	23.04	5501.93	NPP
	04/11/11	5524.97	28.62	NPP	23.23	5501.74	NPP
MW-30	08/24/15	5536.83	40.13	NPP	33.69	5503.14	NPP
	04/20/15	5536.83	40.13	NPP	33.82	5503.01	NPP
	08/18/14	5536.83	40.13	NPP	34.09	5502.74	NPP
	04/02/14	5536.83	40.13	34.39	34.40	5502.44	0.01
	08/05/13	5536.83	40.13	NPP	34.21	5502.62	NPP
	04/08/13	5536.83	40.13	NPP	34.16	5502.67	NPP
	08/06/12	5536.83	40.13	NPP	34.02	5502.81	NPP
	04/02/12	5536.83	40.13	NPP	34.22	5502.61	NPP
	08/17/11	5536.83	40.13	NPP	34.03	5502.80	NPP
	04/11/11	5536.83	40.13	NPP	34.42	5502.41	NPP
MW-31	08/24/15	5536.24	39.16	NPP	34.15	5502.09	NPP
	04/27/15	5536.24	39.16	NPP	34.34	5501.90	NPP
	08/18/14	5536.24	39.16	NPP	34.55	5501.69	NPP
	04/02/14	5536.24	39.16	NPP	34.55	5502.28	NPP
	08/05/13	5536.24	39.16	NPP	34.49	5501.75	NPP
	04/08/13	5536.24	39.16	NPP	34.37	5501.87	NPP
	08/06/12	5536.24	39.16	NPP	34.40	5501.84	NPP
	04/02/12	5536.24	39.16	NPP	34.35	5501.89	NPP
	08/16/11	5536.24	39.16	NPP	34.30	5501.94	NPP
	04/11/11	5536.24	39.16	NPP	34.24	5502.00	NPP
MW-32	08/08/15	5525.64	27.51	NPP	25.18	5500.46	NPP
	04/20/15	5525.64	27.51	NPP	25.30	5500.34	NPP
	08/18/14	5525.64	27.51	NPP	25.52	5500.12	NPP
	04/02/14	5525.64	27.51	NPP	25.55	5500.09	NPP
	08/05/13	5525.64	27.51	NPP	25.47	5500.17	NPP
	04/08/13	5525.64	27.51	NPP	25.45	5500.19	NPP
	08/06/12	5525.64	27.51	NPP	25.42	5500.22	NPP
	04/02/12	5525.64	27.51	NPP	25.38	5500.26	NPP
	08/16/11	5525.64	27.51	NPP	25.27	5500.37	NPP
	04/11/11	5525.64	27.51	NPP	25.23	5500.41	NPP
MW-33	08/18/15	5521.79	25.51	NPP	22.39	5499.40	NPP
	04/20/15	5521.79	25.51	NPP	22.35	5499.44	NPP
	08/18/14	5521.79	25.51	NPP	23.26	5498.53	NPP
	04/02/14	5521.79	25.51	NPP	23.45	5498.34	NPP
	08/05/13	5521.79	25.51	NPP	23.86	5497.93	NPP
	04/08/13	5521.79	25.51	NPP	23.56	5498.23	NPP
	08/06/12	5521.79	25.51	NPP	23.36	5498.43	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-34	08/19/15	5511.63	20.96	NPP	13.90	5497.73	NPP
	04/20/15	5511.63	20.96	NPP	13.83	5497.80	NPP
	08/18/14	5511.63	20.96	NPP	14.01	5497.62	NPP
	04/02/14	5511.63	20.96	NPP	14.77	5496.86	NPP
	08/05/13	5511.63	20.96	NPP	14.63	5497.00	NPP
	04/08/13	5511.63	20.96	NPP	14.70	5496.93	NPP
	08/06/12	5511.63	20.96	NPP	14.33	5497.30	NPP
	04/02/12	5511.63	20.96	NPP	14.37	5497.26	NPP
	08/16/11	5511.63	20.96	NPP	14.43	5497.20	NPP
	04/11/11	5511.63	20.96	NPP	14.47	5497.16	NPP
MW-35	08/19/15	5518.95	26.45	NPP	21.83	5497.12	NPP
	04/20/15	5518.95	26.45	NPP	22.85	5496.10	NPP
	08/18/14	5518.95	26.45	NPP	22.34	5496.61	NPP
	04/02/14	5518.95	26.45	NPP	22.69	5496.26	NPP
	08/05/13	5518.95	26.45	NPP	22.54	5496.41	NPP
	04/08/13	5518.95	26.45	NPP	22.57	5496.38	NPP
	08/06/12	5518.95	26.45	NPP	22.29	5496.66	NPP
	04/02/12	5518.95	26.45	NPP	22.30	5496.65	NPP
	04/11/11	5518.95	26.45	NPP	22.38	5496.57	NPP
	08/16/34	5518.95	26.45	NPP	22.41	5496.54	NPP
MW-36	08/13/15	5516.95	23.26	NPP	20.16	5496.79	NPP
	04/27/15	5516.95	23.26	NPP	19.87	5497.08	NPP
	08/18/14	5516.95	23.26	NPP	19.64	5497.31	NPP
	04/02/14	5516.95	23.26	NPP	21.12	5495.83	NPP
	08/05/13	5516.95	23.26	NPP	20.98	5495.97	NPP
	04/08/13	5516.95	23.26	NPP	21.10	5495.85	NPP
	08/06/12	5516.95	23.26	NPP	20.82	5496.13	NPP
	04/02/12	5516.95	23.26	NPP	21.02	5495.93	NPP
	08/17/11	5516.95	23.26	NPP	20.98	5495.97	NPP
	04/11/11	5516.95	23.26	NPP	21.02	5495.93	NPP
MW-37	08/19/15	5519.62	27.58	NPP	23.06	5496.56	NPP
	04/20/15	5519.62	27.58	NPP	23.13	5496.49	NPP
	08/18/14	5519.62	27.58	NPP	22.98	5496.64	NPP
	04/02/14	5519.62	27.58	NPP	23.72	5495.90	NPP
	08/05/13	5519.62	27.58	NPP	23.69	5495.93	NPP
	04/08/13	5519.62	27.58	NPP	23.72	5495.90	NPP
	08/06/12	5519.62	27.58	NPP	23.51	5496.11	NPP
	04/02/12	5519.62	27.58	NPP	23.58	5496.04	NPP
	08/16/11	5519.62	27.58	NPP	23.63	5495.99	NPP
	04/11/11	5519.62	27.58	NPP	23.60	5496.02	NPP
MW-38	08/19/15	5519.19	26.82	NPP	23.19	5496.00	NPP
	04/20/15	5519.19	26.82	NPP	23.08	5496.11	NPP
	08/18/14	5519.19	26.82	NPP	22.45	5496.74	NPP
	04/02/14	5519.19	26.82	NPP	23.83	5495.36	NPP
	08/05/13	5519.19	26.82	NPP	23.91	5495.28	NPP
	04/08/13	5519.19	26.82	NPP	23.87	5495.32	NPP
	08/06/12	5519.19	26.82	NPP	23.78	5495.41	NPP

TABLE 1
Fluid Level Measurements Summary
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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-39	08/13/15	5520.83	38.34	NPP	25.78	5495.05	NPP
	04/27/15	5520.83	38.34	NPP	25.75	5495.08	NPP
	08/18/14	5520.83	38.34	NPP	25.94	5494.89	NPP
	04/02/14	5520.83	38.34	NPP	25.70	5495.13	NPP
	08/05/13	5520.83	38.34	NPP	25.95	5494.88	NPP
	04/08/13	5520.83	38.34	NPP	25.70	5495.13	NPP
	08/06/12	5520.83	38.34	NPP	26.05	5494.78	NPP
	04/02/12	5520.83	38.34	NPP	25.76	5495.07	NPP
	08/08/11	5520.83	38.34	NPP	25.88	5494.95	NPP
	04/11/11	5520.83	38.34	NPP	25.80	5495.03	NPP
MW-40	08/13/15	5527.31	30.07	28.08	28.09	5499.23	0.01
	04/27/15	5527.31	30.07	NPP	28.08	5499.23	NPP
	08/18/14	5527.31	30.07	28.59	28.65	5498.71	0.06
	04/02/14	5527.31	30.07	28.55	29.10	5498.65	0.55
	08/05/13	5527.31	30.07	28.42	28.81	5498.81	0.39
	04/08/13	5527.31	30.07	28.48	28.77	5498.77	0.29
	08/06/12	5527.31	30.07	28.44	28.72	5498.81	0.28
	04/02/12	5527.31	30.07	NPP	28.57	5498.74	NPP
	08/17/11	5527.31	30.07	NPP	28.37	5498.94	NPP
	04/11/11	5527.31	30.07	NPP	28.38	5498.93	NPP
MW-41	08/13/15	5526.41	31.62	26.43	26.67	5499.93	0.24
	04/27/15	5526.41	31.62	26.59	26.80	5499.78	0.21
	08/18/14	5526.41	31.62	26.96	27.70	5499.30	0.74
	04/02/14	5526.41	31.62	26.96	27.99	5499.24	1.03
	08/05/13	5526.41	31.62	26.83	27.75	5499.40	0.92
	04/08/13	5526.41	31.62	26.85	27.78	5499.37	0.93
	08/06/12	5526.41	31.62	26.86	27.94	5499.33	1.08
	04/02/12	5526.41	31.62	26.89	28.07	5499.28	1.18
	08/08/11	5526.41	31.62	26.95	27.55	5499.34	0.60
	04/11/11	5526.41	31.62	26.71	27.30	5499.58	0.59
MW-44	08/24/15	5535.44	50.91	NPP	34.30	5501.14	NPP
	04/27/15	5535.44	50.91	NPP	34.98	5500.46	NPP
	08/18/14	5535.44	50.91	NPP	34.57	5500.87	NPP
	04/02/14	5535.44	50.91	NPP	34.30	5501.14	NPP
	08/05/13	5535.44	50.91	NPP	34.46	5500.98	NPP
	04/08/13	5535.44	50.91	NPP	34.04	5501.40	NPP
	08/06/12	5535.44	50.91	NPP	34.42	5501.02	NPP
	04/02/12	5535.44	50.91	NPP	33.93	5501.51	NPP
	08/17/11	5535.44	50.91	NPP	34.22	5501.22	NPP
	04/11/11	5535.44	50.91	NPP	34.00	5501.44	NPP
MW-45	08/13/15	5506.36	16.92	NPP	11.85	5494.51	NPP
	04/27/15	5506.36	16.92	NPP	11.95	5494.41	NPP
	08/18/14	5506.36	16.92	NPP	11.85	5494.51	NPP
	04/02/14	5506.36	16.92	12.07	12.15	5494.27	0.08
	08/05/13	5506.36	16.92	11.88	11.89	5494.48	0.01
	04/08/13	5506.36	16.92	11.98	12.05	5494.37	0.07
	08/06/12	5506.36	16.92	11.97	12.10	5494.36	0.13

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Fluid Level Measurements Summary
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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-46	08/13/15	5504.65	10.39	NPP	9.94	5494.71	NPP
	04/27/15	5504.65	10.39	NPP	9.94	5494.71	NPP
	08/18/14	5504.65	10.39	NPP	NWP	NWP	NPP
	04/02/14	5504.65	10.39	NPP	NWP	NWP	NPP
	08/05/13	5504.65	10.39	NPP	NWP	NWP	NPP
	04/08/13	5504.65	10.39	NPP	NWP	NWP	NPP
	08/06/12	5504.65	10.39	NPP	NWP	NWP	NPP
	04/02/12	5504.65	10.39	NPP	NWP	NWP	NPP
	08/08/11	5504.65	10.39	NPP	NWP	NWP	NPP
	04/11/11	5504.65	10.39	NPP	NWP	NWP	NPP
MW-47	08/13/15	5506.77	14.28	NPP	11.82	5494.95	NPP
	04/21/15	5506.77	14.28	NPP	12.23	5494.54	NPP
	08/18/14	5506.77	14.28	NPP	13.30	5493.47	NPP
	04/02/14	5506.77	14.28	NPP	13.80	5492.97	NPP
	08/05/13	5506.77	14.28	NPP	12.97	5493.80	NPP
	04/08/13	5506.77	14.28	NPP	12.84	5493.93	NPP
	08/06/12	5506.77	14.28	13.22	13.27	5493.54	0.05
	04/02/12	5506.77	14.28	12.85	13.17	5493.86	0.32
	08/08/11	5506.77	14.28	13.47	13.48	5493.30	0.01
	04/11/11	5506.77	14.28	12.85	13.28	5493.83	0.43
MW-50	08/13/15	5518.79	20.00	NPP	16.62	5502.17	NPP
	04/27/15	5518.79	20.00	NPP	16.67	5502.12	NPP
	08/18/14	5518.79	20.00	NPP	16.78	5502.01	NPP
	04/02/14	5518.79	20.00	NPP	17.28	5501.51	NPP
	08/05/13	5518.79	20.00	NPP	16.76	5502.03	NPP
	04/08/13	5518.79	20.00	NPP	17.21	5501.58	NPP
	08/06/12	5518.79	20.00	NPP	16.88	5501.91	NPP
	04/02/12	5518.79	20.00	NPP	17.22	5501.57	NPP
	08/22/11	5518.79	20.00	NPP	16.69	5502.10	NPP
	04/11/11	5518.79	20.00	NPP	17.10	5501.69	NPP
MW-51	08/13/15	5515.58	20.00	NPP	14.37	5501.21	NPP
	04/27/15	5515.58	20.00	NPP	14.52	5501.06	NPP
	08/18/14	5515.58	20.00	NPP	14.48	5501.10	NPP
	04/02/14	5515.58	20.00	NPP	14.98	5500.60	NPP
	08/05/13	5515.58	20.00	NPP	14.54	5501.04	NPP
	04/08/13	5515.58	20.00	NPP	14.95	5500.63	NPP
	08/06/12	5515.58	20.00	NPP	14.65	5500.93	NPP
	04/02/12	5515.58	20.00	NPP	15.00	5500.58	NPP
	08/22/11	5515.58	20.00	NPP	14.55	5501.03	NPP
	04/11/11	5515.58	20.00	NPP	14.94	5500.64	NPP
MW-52	08/13/15	5538.63	41.00	NPP	36.00	5502.63	NPP
	04/20/15	5538.63	41.00	NPP	36.05	5502.58	NPP
	08/18/14	5538.63	41.00	NPP	36.31	5502.32	NPP
	04/02/14	5538.63	41.00	NPP	36.69	5501.94	NPP
	08/05/13	5538.63	41.00	NPP	36.47	5502.16	NPP
	04/08/13	5538.63	41.00	NPP	36.41	5502.22	NPP
	08/06/12	5538.63	41.00	NPP	36.28	5502.35	NPP

TABLE 1
Fluid Level Measurements Summary
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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-53	08/13/15	5541.32	41.50	NPP	38.68	5502.64	NPP
	04/27/15	5541.32	41.50	NPP	38.80	5502.52	NPP
	08/18/14	5541.32	41.50	NPP	39.05	5502.27	NPP
	04/02/14	5541.32	41.50	NPP	39.32	5502.00	NPP
	08/05/13	5541.32	41.50	NPP	39.16	5502.16	NPP
	04/08/13	5541.32	41.50	NPP	39.04	5502.28	NPP
	08/06/12	5541.32	41.50	NPP	38.93	5502.39	NPP
	04/02/12	5541.32	41.50	NPP	39.10	5502.22	NPP
	08/22/11	5541.32	41.50	NPP	38.97	5502.35	NPP
	04/11/11	5541.32	41.50	NPP	39.05	5502.27	NPP
MW-54	08/13/15	5530.08	38.00	32.4	32.45	5497.67	0.05
	04/27/15	5530.08	38.00	32.02	32.05	5498.05	0.03
	08/18/14	5530.08	38.00	32.38	32.52	5497.67	0.14
	04/02/14	5530.08	38.00	32.75	32.95	5497.29	0.20
	08/05/13	5530.08	38.00	32.45	32.64	5497.59	0.19
	04/08/13	5530.08	38.00	32.71	32.93	5497.33	0.22
	08/06/12	5530.08	38.00	32.40	32.61	5497.64	0.21
	04/02/12	5530.08	38.00	32.75	33.09	5497.26	0.34
	08/22/11	5530.08	38.00	32.84	33.23	5497.16	0.39
	04/11/11	5530.08	38.00	32.90	33.31	5497.10	0.41
MW-55	08/13/15	5519.84	27.25	22.08	22.09	5497.76	0.01
	04/27/15	5519.84	27.25	21.85	21.88	5497.98	0.03
	08/18/14	5519.84	27.25	21.84	21.86	5498.00	0.02
	04/02/14	5519.84	27.25	21.95	22.01	5497.88	0.06
	08/05/13	5519.84	27.25	21.74	22.58	5497.93	0.84
	04/08/13	5519.84	27.25	21.05	21.95	5498.61	0.90
	08/06/12	5519.84	27.25	21.81	22.53	5497.89	0.72
	04/02/12	5519.84	27.25	NPP	22.07	5497.77	NPP
	08/22/11	5519.84	27.25	NPP	21.27	5498.57	NPP
	04/11/11	5519.84	27.25	NPP	22.04	5497.80	NPP
MW-56	08/13/15	5519.31	23.75	17.86	17.87	5501.45	0.01
	04/27/15	5519.31	23.75	18.04	18.05	5501.27	0.01
	08/18/14	5519.31	23.75	18.10	18.25	5501.18	0.15
	04/02/14	5519.31	23.75	18.26	19.10	5500.88	0.84
	08/05/13	5519.31	23.75	18.11	18.87	5501.05	0.76
	04/08/13	5519.31	23.75	18.25	19.33	5500.84	1.08
	08/06/12	5519.31	23.75	19.76	20.69	5499.36	0.93
	04/02/12	5519.31	23.75	19.86	21.00	5499.22	1.14
	08/22/11	5519.31	23.75	19.74	20.83	5499.35	1.09
	04/11/11	5519.31	23.75	19.50	20.45	5499.62	0.95
MW-57	08/13/15	5521.17	24.25	19.42	19.43	5501.75	0.01
	04/27/15	5521.17	24.25	19.42	19.43	5501.75	0.01
	08/18/14	5521.17	24.25	19.60	19.75	5501.54	0.15
	04/02/14	5521.17	24.25	19.78	20.36	5501.27	0.58
	08/05/13	5521.17	24.25	19.60	20.30	5501.43	0.70
	04/08/13	5521.17	24.25	19.66	20.35	5501.37	0.69
	08/06/12	5521.17	24.25	21.44	22.37	5499.54	0.93

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MW-58	08/13/15	5520.29	27.00	20.8	20.83	5499.48	0.03
	04/27/15	5520.29	27.00	20.97	21.75	5499.16	0.78
	08/18/14	5520.29	27.00	21.08	21.87	5499.05	0.79
	04/02/14	5520.29	27.00	21.25	22.90	5498.71	1.65
	08/05/13	5520.29	27.00	21.10	22.17	5498.98	1.07
	04/08/13	5520.29	27.00	21.25	22.35	5498.82	1.10
	08/06/12	5520.29	27.00	20.98	22.05	5499.10	1.07
	04/02/12	5520.29	27.00	20.98	22.13	5499.08	1.15
	08/22/11	5520.29	27.00	20.90	21.99	5499.17	1.09
	04/11/11	5520.29	27.00	21.03	21.09	5499.25	0.06
MW-59	08/13/15	5545.20	44.25	NPP	43.42	5501.78	NPP
	04/27/15	5545.20	44.25	NPP	43.55	5501.65	NPP
	08/18/14	5545.20	44.25	NPP	43.75	5501.45	NPP
	04/02/14	5545.20	44.25	NPP	43.73	5501.47	NPP
	08/05/13	5545.20	44.25	NPP	43.67	5501.53	NPP
	04/08/13	5545.20	44.25	NPP	43.56	5501.64	NPP
	08/06/12	5545.20	44.25	NPP	43.57	5501.63	NPP
	04/02/12	5545.20	44.25	NPP	43.54	5501.66	NPP
	08/25/11	5545.20	44.25	NPP	43.49	5501.71	NPP
	04/11/11	5545.20	44.25	NPP	43.43	5501.77	NPP
MW-60	08/13/15	5543.71	43.33	NPP	42.62	5501.09	NPP
	04/27/15	5543.71	43.33	NPP	42.76	5500.95	NPP
	08/18/14	5543.71	43.33	NPP	43.15	5500.56	NPP
	04/02/14	5543.71	43.33	NPP	43.20	5500.51	NPP
	08/05/13	5543.71	43.33	NPP	42.90	5500.81	NPP
	04/08/13	5543.71	43.33	NPP	42.85	5500.86	NPP
	08/06/12	5543.71	43.33	NPP	42.84	5500.87	NPP
	04/02/12	5543.71	43.33	NPP	42.79	5500.92	NPP
	08/25/11	5543.71	45.50	NPP	42.67	5501.04	NPP
	04/11/11	5543.71	45.50	NPP	42.58	5501.13	NPP
MW-61	08/13/15	5539.41	10.25	36.38	36.70	5502.97	0.32
	04/27/15	5539.41	10.25	36.60	36.96	5502.74	0.36
	08/18/14	5539.41	10.25	36.80	37.40	5502.49	0.60
	04/02/14	5539.41	10.25	36.88	37.86	5502.33	0.98
	08/05/13	5539.41	10.25	36.80	37.70	5502.43	0.90
	04/08/13	5539.41	10.25	36.71	37.40	5502.56	0.69
	08/06/12	5539.41	10.25	36.67	37.25	5502.62	0.58
	04/02/12	5539.41	10.25	36.72	37.48	5502.54	0.76
	08/08/11	5539.41	10.25	36.67	37.25	5502.62	0.58
	04/11/11	5539.41	10.25	36.65	37.00	5502.69	0.35
MW-62	08/13/15	5561.32	58.25	NPP	56.59	5504.73	NPP
	04/27/15	5561.32	58.25	NPP	56.33	5504.99	NPP
	08/18/14	5561.32	58.25	NPP	56.28	5505.04	NPP
	04/02/14	5561.32	58.25	NPP	56.05	5505.27	NPP
	08/05/13	5561.32	58.25	NPP	56.36	5504.96	NPP
	04/08/13	5561.32	58.25	NPP	55.93	5505.39	NPP
	08/06/12	5561.32	58.25	NPP	56.45	5504.87	NPP

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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-63	08/13/15	5547.26	46.00	NPP	44.84	5502.42	NPP
	04/27/15	5547.26	46.00	NPP	45.03	5502.23	NPP
	08/18/14	5547.26	46.00	NPP	45.23	5502.03	NPP
	04/02/14	5547.26	46.00	NPP	45.27	5501.99	NPP
	08/05/13	5547.26	46.00	NPP	45.20	5502.06	NPP
	04/08/13	5547.26	46.00	NPP	45.09	5502.17	NPP
	08/06/12	5547.26	46.00	NPP	45.07	5502.19	NPP
	04/02/12	5547.26	46.00	NPP	45.07	5502.19	NPP
	08/24/11	5547.26	46.00	NPP	45.00	5502.26	NPP
	04/11/11	5547.26	46.00	NPP	44.93	5502.33	NPP
MW-64	08/13/15	5552.29	52.25	NPP	50.17	5502.12	NPP
	04/27/15	5552.29	52.25	NPP	50.27	5502.02	NPP
	08/18/14	5552.29	52.25	NPP	50.46	5501.83	NPP
	04/02/14	5552.29	52.25	NPP	50.45	5501.84	NPP
	08/05/13	5552.29	52.25	NPP	50.37	5501.92	NPP
	04/08/13	5552.29	52.25	NPP	50.32	5501.97	NPP
	08/06/12	5552.29	52.25	NPP	50.29	5502.00	NPP
	04/02/12	5552.29	52.25	NPP	50.29	5502.00	NPP
	08/24/11	5552.29	52.25	NPP	50.22	5502.07	NPP
	04/11/11	5552.29	52.25	NPP	50.16	5502.13	NPP
MW-65	08/13/15	5539.62	44.25	NPP	36.70	5502.92	NPP
	04/27/15	5539.62	44.25	NPP	37.50	5502.12	NPP
	08/18/14	5539.62	44.25	NPP	37.15	5502.47	NPP
	04/02/14	5539.62	44.25	NPP	37.38	5502.24	NPP
	08/05/13	5539.62	44.25	NPP	37.24	5502.38	NPP
	04/08/13	5539.62	44.25	NPP	37.13	5502.49	NPP
	08/06/12	5539.62	44.25	NPP	37.04	5502.58	NPP
	04/02/12	5539.62	44.25	NPP	37.19	5502.43	NPP
	08/22/11	5539.62	44.25	NPP	37.06	5502.56	NPP
	04/11/11	5539.62	44.25	NPP	37.05	5502.57	NPP
MW-66	08/13/15	5544.62	43.25	41.57	41.58	5503.05	0.01
	04/27/15	5544.62	43.25	NPP	41.81	5502.81	NPP
	08/18/14	5544.62	43.25	42.01	42.13	5502.59	0.12
	04/02/14	5544.62	43.25	42.13	42.45	5502.43	0.32
	08/05/13	5544.62	43.25	42.01	42.28	5502.56	0.27
	04/08/13	5544.62	43.25	42.04	42.20	5502.55	0.16
	08/06/12	5544.62	43.25	41.95	42.13	5502.63	0.18
	04/02/12	5544.62	43.25	42.03	42.20	5502.56	0.17
	08/08/11	5544.62	43.25	41.87	41.92	5502.74	0.05
	04/11/11	5544.62	43.25	41.83	41.92	5502.77	0.09
MW-67	08/13/15	5523.31	25.14	NPP	21.02	5502.29	NPP
	04/27/15	5523.31	25.14	NPP	21.10	5502.21	NPP
	08/18/14	5523.31	25.14	NPP	21.42	5501.89	NPP
	04/02/14	5523.31	25.14	NPP	21.54	5501.77	NPP
	08/05/13	5523.31	25.14	NPP	21.24	5502.07	NPP
	04/08/13	5523.31	25.14	NPP	21.47	5501.84	NPP
	08/06/12	5523.31	25.14	NPP	20.93	5502.38	NPP

TABLE 1
Fluid Level Measurements Summary
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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
MW-68	08/13/15	5517.37	20.58	NPP	16.23	5501.14	NPP
	04/27/15	5517.37	20.58	NPP	16.40	5500.97	NPP
	08/18/14	5517.37	20.58	NPP	16.50	5500.87	NPP
	04/02/14	5517.37	20.58	NPP	16.94	5500.43	NPP
	08/05/13	5517.37	20.58	NPP	16.57	5500.80	NPP
	04/08/13	5517.37	20.58	NPP	16.84	5500.53	NPP
	08/06/12	5517.37	20.58	NPP	16.63	5500.74	NPP
	04/02/12	5517.37	20.58	NPP	16.40	5500.97	NPP
	08/22/11	5517.37	20.58	NPP	16.58	5500.79	NPP
	04/11/11	5517.37	20.58	NPP	16.84	5500.53	NPP
MW-69	08/13/15	5508.51	12.08	NPP	NWP	NWP	NPP
	04/27/15	5508.51	12.08	NPP	11.81	5496.70	NPP
	08/18/14	5508.51	12.08	NPP	11.96	5496.55	NPP
	04/02/14	5508.51	12.08	NPP	11.96	5496.55	NPP
	08/05/13	5508.51	12.08	NPP	11.90	5496.61	NPP
	04/08/13	5508.51	12.08	NPP	11.91	5496.60	NPP
	08/06/12	5508.51	12.08	NPP	11.93	5496.58	NPP
	04/02/12	5508.51	12.08	NPP	11.92	5496.59	NPP
	08/22/11	5508.51	12.08	NPP	11.91	5496.60	NPP
	04/11/11	5508.51	12.08	NPP	NWP	NWP	NPP
MW-70	08/13/15	5527.96	26.25	NPP	25.29	5502.67	NPP
	04/27/15	5527.96	26.25	NPP	25.46	5502.50	NPP
	08/18/14	5527.96	26.25	NPP	25.56	5502.40	NPP
	04/02/14	5527.96	26.25	NPP	26.05	5501.91	NPP
	08/05/13	5527.96	26.25	NPP	25.85	5502.11	NPP
MW-71	08/13/15	5529.08	38.95	30.05	30.15	5499.01	0.10
	04/28/15	5529.08	38.95	30.22	30.35	5498.83	0.13
MW-72	08/13/15	5528.54	34.94	NPP	28.66	5499.88	NPP
	04/28/15	5528.54	34.94	NPP	28.66	5499.88	NPP
MW-73	08/13/15	5528.92	36.66	NPP	29.61	5499.31	NPP
	04/28/15	5528.92	36.66	NPP	29.80	5499.12	NPP
MW-74	08/13/15	5528.55	33.91	NPP	28.79	5499.76	NPP
	04/28/15	5528.55	33.91	29.00	29.04	5499.54	0.04
MW-75	08/13/15	5528.76	32.25	28.15	28.16	5500.61	0.01
	04/28/15	5528.76	32.25	28.40	28.41	5500.36	0.01
MW-76	08/13/15	5528.61	34.16	NPP	28.48	5500.13	NPP
	04/28/15	5528.61	34.16	NPP	28.97	5499.64	NPP
MW-77	08/13/15	5527.59	34.30	28.93	29.50	5498.55	0.57
	04/28/15	5527.59	34.30	28.86	29.44	5498.61	0.58
P-03	08/13/15	5510.77	22.73	NPP	10.71	5500.06	NPP
	04/27/15	5510.77	22.73	NPP	11.09	5499.68	NPP
	08/18/14	5510.77	22.73	NPP	10.27	5500.50	NPP
	04/02/14	5510.77	22.73	NPP	11.27	5499.50	NPP
	08/05/13	5510.77	22.73	NPP	11.04	5499.73	NPP
	04/08/13	5510.77	22.73	NPP	11.62	5499.15	NPP
	08/06/12	5510.77	22.73	NPP	10.91	5499.86	NPP
	04/02/12	5510.77	22.73	NPP	11.20	5499.57	NPP

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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
BCK-1	08/13/15	5517.8	79.00	NPP	77.43	5440.37	NPP
	04/27/15	5517.8	79.00	NPP	77.30	5440.50	NPP
	08/18/14	5517.8	79.00	NPP	77.37	5440.43	NPP
	08/05/13	5517.8	79.00	NPP	77.28	5440.52	NPP
	04/08/13	5517.8	79.00	NPP	77.15	5440.65	NPP
	08/06/12	5517.8	79.00	NPP	77.12	5440.68	NPP
	04/02/12	5517.8	79.00	NPP	77.07	5440.73	NPP
BCK-2	08/13/15	5620.14	46.97	NPP	26.10	5594.04	NPP
	04/27/15	5620.14	46.97	NPP	25.57	5594.57	NPP
	08/18/14	5620.14	46.97	NPP	28.10	5592.04	NPP
	08/05/13	5620.14	46.97	NPP	26.52	5593.62	NPP
	04/08/13	5620.14	46.97	NPP	25.58	5594.56	NPP
	08/06/12	5620.14	46.97	NPP	27.17	5592.97	NPP
	04/02/12	5620.14	46.97	NPP	25.81	5594.33	NPP
RW-01	08/13/15	5529.34	40.80	30.77	30.78	5498.57	0.01
	04/27/15	5529.34	40.80	NPP	30.83	5498.51	NPP
	08/18/14	5529.34	40.80	NPP	31.15	5498.19	NPP
	04/02/14	5529.34	40.80	NPP	31.62	5497.72	NPP
	08/05/13	5529.34	40.80	31.29	31.30	5498.05	0.01
	04/08/13	5529.34	40.80	NPP	31.57	5497.77	NPP
	08/06/12	5529.34	40.80	NPP	31.24	5498.10	NPP
	04/02/12	5529.34	40.80	31.64	31.65	5497.70	0.01
	08/08/11	5529.34	40.80	31.00	31.62	5498.22	0.62
	04/11/11	5529.34	40.80	32.60	32.97	5496.67	0.37
RW-02	08/13/15	5526.94	35.86	NPP	26.26	5500.68	NPP
	04/27/15	5526.94	35.86	NPP	26.37	5500.57	NPP
	08/18/14	5526.94	35.86	26.69	26.79	5500.23	0.10
	04/02/14	5526.94	35.86	NPP	26.67	5500.27	NPP
	08/05/13	5526.94	35.86	NPP	26.70	5500.24	NPP
	04/08/13	5526.94	35.86	NPP	26.65	5500.29	NPP
	08/06/12	5526.94	35.86	NPP	26.65	5500.29	NPP
	04/02/12	5526.94	35.86	NPP	26.70	5500.24	NPP
	08/08/11	5526.94	35.86	NPP	26.59	5500.35	NPP
	04/11/11	5526.94	35.86	NPP	28.10	5498.84	NPP
RW-03	08/13/15	5520.35	34.57	NPP	22.02	5498.33	NPP
	04/27/15	5520.35	34.57	NPP	21.59	5498.76	NPP
	08/18/14	5520.35	34.57	NPP	21.53	5498.82	NPP
	04/02/14	5520.35	34.57	NPP	22.42	5497.93	NPP
	08/05/13	5520.35	34.57	NPP	22.10	5498.25	NPP
	04/08/13	5520.35	34.57	NPP	22.57	5497.78	NPP
	08/06/12	5520.35	34.57	Maintenance Being Conducted			
	04/02/12	5520.35	34.57	22.60	22.65	5497.74	0.05
	08/08/11	5520.35	34.57	21.95	21.97	5498.40	0.02
	04/11/11	5520.35	34.57	NPP	22.43	5497.92	NPP

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Fluid Level Measurements Summary
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RW-09	08/13/15	5523.21	34.04	24.64	24.70	5498.56	0.06
	04/27/15	5523.21	34.04	24.77	24.87	5498.42	0.10
	08/18/14	5523.21	34.04	24.75	25.09	5498.39	0.34
	04/02/14	5523.21	34.04	NPP	24.89	5498.32	NPP
	08/05/13	5523.21	34.04	24.61	24.95	5498.53	0.34
	04/08/13	5523.21	34.04	24.78	25.10	5498.37	0.32
	08/06/12	5523.21	34.04	NPP	25.05	5498.16	NPP
	04/02/12	5523.21	34.04	NPP	25.10	5498.11	NPP
	08/08/11	5523.21	34.04	24.00	24.01	5499.21	0.01
	04/11/11	5523.21	34.04	NPP	28.35	5494.86	NPP
RW-14	08/13/15	5537.5	41.94	NPP	34.92	5502.58	NPP
	04/27/15	5537.5	41.94	NPP	34.95	5502.55	NPP
	08/18/14	5537.5	41.94	35.94	36.05	5501.54	0.11
	04/02/14	5537.5	41.94	35.49	35.50	5502.01	0.01
	08/05/13	5537.5	41.94	NPP	35.29	5502.21	NPP
	04/08/13	5537.5	41.94	NPP	35.30	5502.20	NPP
	08/06/12	5537.5	41.94	35.13	35.18	5502.36	0.05
	04/02/12	5537.5	41.94	35.28	36.12	5502.05	0.84
	08/08/11	5537.5	41.94	35.02	36.14	5502.26	1.12
	04/11/11	5537.5	41.94	36.77	36.97	5500.69	0.20
RW-15	08/13/15	5536.83	43.43	NPP	34.46	5501.71	NPP
	04/27/15	5536.83	43.43	NPP	34.75	5501.86	NPP
	08/18/14	5536.83	43.43	NPP	35.95	5500.22	NPP
	04/02/14	5536.83	43.43	NPP	35.31	5501.52	NPP
	08/05/13	5536.83	43.43	NPP	35.12	5501.71	NPP
	04/08/13	5536.83	43.43	NPP	35.11	5501.72	NPP
	08/06/12	5536.83	43.43	NPP	34.98	5501.85	NPP
	04/02/12	5536.83	43.43	NPP	35.17	5501.66	NPP
	08/08/11	5536.83	43.43	NPP	34.95	5501.88	NPP
	04/11/11	5536.83	43.43	NPP	37.23	5499.60	NPP
RW-16	08/13/15	5535.45	41.48	33.30	35.50	5501.71	2.20
	04/27/15	5535.45	41.48	33.83	34.15	5501.56	0.32
	08/18/14	5535.45	41.48	34.21	34.49	5501.18	0.28
	04/02/14	5535.45	41.48	34.31	34.89	5501.02	0.58
	08/05/13	5535.45	41.48	34.30	34.62	5501.09	0.32
	04/08/13	5535.45	41.48	34.10	34.20	5501.33	0.10
	08/06/12	5535.45	41.48	34.02	34.18	5501.40	0.16
	04/02/12	5535.45	41.48	NPP	34.18	5501.27	NPP
	08/08/11	5535.45	41.48	34.01	34.32	5501.38	0.31
	04/11/11	5535.45	41.48	NPP	38.59	5496.86	NPP
RW-17	08/13/15	5533.84	41.89	32.67	32.68	5501.17	0.01
	04/27/15	5533.84	41.89	33.04	33.08	5500.79	0.04
	08/18/14	5533.84	41.89	NPP	33.27	5500.57	NPP
	04/02/14	5533.84	41.89	NPP	33.39	5500.45	NPP
	08/05/13	5533.84	41.89	NPP	33.32	5500.52	NPP
	04/08/13	5533.84	41.89	NPP	33.18	5500.66	NPP
	08/06/12	5533.84	41.89	NPP	33.20	5500.64	NPP

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RW-18	08/13/15	5529.38	37.58	NPP	29.88	5499.50	NPP
	04/27/15	5529.38	37.58	NPP	30.02	5499.36	NPP
	08/18/14	5529.38	37.58	30.32	32.02	5498.72	1.70
	04/02/14	5529.38	37.58	NPP	30.47	5498.91	NPP
	08/05/13	5529.38	37.58	NPP	31.64	5497.74	NPP
	04/08/13	5529.38	37.58	NPP	30.18	5499.20	NPP
	08/06/12	5529.38	37.58	NPP	30.69	5498.69	NPP
	04/02/12	5529.38	37.58	NPP	28.05	5501.33	NPP
	08/08/11	5529.38	37.58	NPP	35.43	5493.95	NPP
	04/11/11	5529.38	37.58	NPP	35.41	5493.97	NPP
RW-19	08/13/15	5530.51	36.64	NPP	29.96	5500.55	NPP
	04/27/15	5530.51	36.64	NPP	30.15	5500.36	NPP
	08/18/14	5530.51	36.64	30.3	30.75	5500.12	0.45
	04/02/14	5530.51	36.64	30.5	30.85	5499.94	0.35
	08/05/13	5530.51	36.64	NPP	30.50	5500.01	NPP
	04/08/13	5530.51	36.64	NPP	30.40	5500.11	NPP
	08/06/12	5530.51	36.64	NPP	30.40	5500.11	NPP
	04/02/12	5530.51	36.64	NPP	30.45	5500.06	NPP
	08/08/11	5530.51	36.64	NPP	30.29	5500.22	NPP
	04/11/11	5530.51	36.64	NPP	30.67	5499.84	NPP
RW-22	08/13/15	5524.44	35.60	25.5	25.55	5498.93	0.05
	04/27/15	5524.44	35.60	25.7	25.80	5498.72	0.10
	08/18/14	5524.44	35.60	25.73	26.17	5498.62	0.44
	04/02/14	5524.44	35.60	25.87	26.07	5498.53	0.20
	08/05/13	5524.44	35.60	NPP	25.62	5498.82	NPP
	04/08/13	5524.44	35.60	NPP	25.80	5498.64	NPP
	08/06/12	5524.44	35.60	NPP	26.03	5498.41	NPP
	04/02/12	5524.44	35.60	NPP	26.03	5498.41	NPP
	08/08/11	5524.44	35.60	NPP	26.01	5498.43	NPP
	04/11/11	5524.44	35.60	27.87	29.44	5496.26	1.57
RW-23	08/13/15	5521.38	35.53	23.8	23.82	5497.58	0.02
	04/27/15	5521.38	35.53	NPP	23.70	5497.68	NPP
	08/18/14	5521.38	35.53	23.05	23.08	5498.32	0.03
	04/02/14	5521.38	35.53	NPP	23.26	5498.12	NPP
	08/05/13	5521.38	35.53	NPP	23.15	5498.23	NPP
	04/08/13	5521.38	35.53	NPP	23.30	5498.08	NPP
	08/06/12	5521.38	35.53	23.17	23.20	5498.20	0.03
	04/02/12	5521.38	35.53	NPP	23.43	5497.95	NPP
	08/08/11	5521.38	35.53	23.34	23.35	5498.04	0.01
	04/11/11	5521.38	35.53	NPP	30.50	5490.88	NPP
RW-28	08/13/15	5527.93	36.99	26.92	26.93	5501.01	0.01
	04/27/15	5527.93	36.99	29.18	29.76	5498.63	0.58
	08/18/14	5527.93	36.99	29.56	30.02	5498.28	0.46
	04/02/14	5527.93	36.99	29.55	30.45	5498.20	0.90
	08/05/13	5527.93	36.99	29.28	30.40	5498.43	1.12
	04/08/13	5527.93	36.99	29.35	30.50	5498.35	1.15
	08/06/12	5527.93	36.99	29.64	30.62	5498.09	0.98

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2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
RW-42	08/13/15	5527.48	32.02	26.92	26.93	5500.56	0.01
	04/27/15	5527.48	32.02	27.15	27.18	5500.32	0.03
	08/18/14	5527.48	32.02	27.36	27.70	5500.05	0.34
	04/02/14	5527.48	32.02	27.59	28.00	5499.81	0.41
	08/05/13	5527.48	32.02	27.40	27.55	5500.05	0.15
	04/08/13	5527.48	32.02	27.37	27.79	5500.03	0.42
	08/06/12	5527.48	32.02	27.77	27.98	5499.67	0.21
	04/02/12	5527.48	32.02	27.35	28.20	5499.96	0.85
	08/08/11	5527.48	32.02	27.15	28.05	5500.15	0.90
	04/11/11	5527.48	32.02	27.05	27.70	5500.30	0.65
RW-43	08/13/15	5520.02	24.03	20.3	20.33	5499.71	0.03
	04/27/15	5520.02	24.03	20.53	20.75	5499.45	0.22
	08/18/14	5520.02	24.03	21.8	22.00	5498.18	0.20
	04/02/14	5520.02	24.03	21.76	22.25	5498.16	0.49
	08/05/13	5520.02	24.03	21.75	21.91	5498.24	0.16
	04/08/13	5520.02	24.03	21.87	22.03	5498.12	0.16
	08/06/12	5520.02	24.03	21.72	22.02	5498.24	0.30
	04/02/12	5520.02	24.03	21.00	21.87	5498.85	0.87
	08/08/11	5520.02	24.03	21.65	21.70	5498.36	0.05
	04/11/11	5520.02	24.03	20.61	20.68	5499.40	0.07
OW 0+60	08/13/15	5506.62	12.26	NPP	10.77	5495.85	NPP
	04/21/15	5506.62	12.26	NPP	11.24	5495.38	NPP
	08/18/14	5506.62	12.26	NPP	11.01	5495.61	NPP
	04/02/14	5506.62	12.26	NPP	11.91	5494.71	NPP
	08/05/13	5506.62	12.26	NPP	11.85	5494.77	NPP
	04/08/13	5506.62	12.26	NPP	12.07	5494.55	NPP
	08/06/12	5506.62	12.26	NPP	12.00	5494.62	NPP
	04/02/12	5506.62	12.26	NPP	NWP	NWP	NPP
	08/15/11	5506.62	12.26	NPP	12.03	5494.59	NPP
	04/11/11	5506.62	12.26	NPP	12.25	5494.37	NPP
OW 1+50	08/13/15	5508.03	14.36	NPP	12.62	5495.41	NPP
	04/21/15	5508.03	14.36	NPP	13.24	5494.79	NPP
	08/18/14	5508.03	14.36	NPP	13.17	5494.86	NPP
	04/02/14	5508.03	14.36	NPP	13.98	5494.05	NPP
	08/05/13	5508.03	14.36	14.02	14.03	5494.01	0.01
	04/08/13	5508.03	14.36	NPP	14.05	5493.98	NPP
	08/06/12	5508.03	14.36	14.16	14.36	5493.83	0.20
	04/02/12	5508.03	14.36	14.14	14.36	5493.85	0.22
	08/15/11	5508.03	14.36	14.28	14.36	5493.73	0.08
	04/11/11	5508.03	14.36	14.10	14.32	5493.89	0.22
OW 3+85	08/13/15	5507.31	15.06	NPP	12.31	5495.00	NPP
	04/21/15	5507.31	15.06	NPP	12.80	5494.51	NPP
	08/18/14	5507.31	15.06	NPP	12.95	5494.36	NPP
	04/02/14	5507.31	15.06	NPP	13.49	5493.82	NPP
	08/05/13	5507.31	15.06	13.56	13.57	5493.75	0.01
	04/08/13	5507.31	15.06	NPP	13.40	5493.91	NPP
	08/06/12	5507.31	15.06	13.84	13.85	5493.47	0.01

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
OW 5+50	08/13/15	5507.59	13.67	NPP	13.32	5494.27	NPP
	04/21/15	5507.59	13.67	NPP	13.28	5494.31	NPP
	08/18/14	5507.59	13.67	NPP	13.50	5494.09	NPP
	04/02/14	5507.59	13.67	NPP	13.64	5493.95	NPP
	08/05/13	5507.59	13.67	NPP	13.51	5494.08	NPP
	04/08/13	5507.59	13.67	NPP	13.67	5493.92	NPP
	08/06/12	5507.59	13.67	NPP	13.64	5493.95	NPP
	04/02/12	5507.59	13.67	NPP	13.66	5493.93	NPP
	08/15/11	5507.59	13.67	NPP	13.63	5493.96	NPP
	04/11/11	5507.59	13.67	NPP	13.66	5493.93	NPP
OW 6+70	08/13/15	5504.78	14.67	NPP	NPP	NPP	NPP
	04/21/15	5504.78	14.67	NPP	NPP	NPP	NPP
	08/18/14	5504.78	14.67	NPP	NPP	NPP	NPP
	04/02/14	5504.78	14.67	NPP	NPP	NPP	NPP
	08/05/13	5504.78	14.67	NPP	NPP	NPP	NPP
	04/08/13	5504.78	14.67	NPP	NWP	NWP	NPP
	08/06/12	5504.78	14.67	NPP	NWP	NWP	NPP
	04/02/12	5504.78	14.67	NPP	NWP	NWP	NPP
	08/15/11	5504.78	14.67	NPP	NWP	NWP	NPP
	04/11/11	5504.78	14.67	NPP	NWP	NWP	NPP
OW 8+10	08/13/15	5506.53	15.99	NPP	NWP	NWP	NPP
	04/21/15	5506.53	15.99	NPP	NWP	NWP	NPP
	08/18/14	5506.53	15.99	NPP	NWP	NWP	NPP
	04/02/14	5506.53	15.99	NPP	NWP	NWP	NPP
	08/05/13	5506.53	15.99	NPP	NWP	NWP	NPP
	04/08/13	5506.53	15.99	NPP	NWP	NWP	NPP
	08/06/12	5506.53	15.99	NPP	NWP	NWP	NPP
	04/02/12	5506.53	15.99	NPP	NWP	NWP	NPP
	04/08/13	5506.53	15.99	NPP	NWP	NWP	NPP
	04/11/11	5506.53	15.99	NPP	NWP	NWP	NPP
OW 11+15	08/13/15	5506.70	16.59	NPP	12.47	5494.23	NPP
	04/21/15	5506.70	16.59	NPP	12.59	5494.11	NPP
	08/18/14	5506.70	16.59	NPP	12.55	5494.15	NPP
	04/02/14	5506.70	16.59	12.74	12.75	5493.96	0.01
	08/05/13	5506.70	16.59	12.56	12.57	5494.14	0.01
	04/08/13	5506.70	16.59	12.71	12.72	5493.99	0.01
	08/06/12	5506.70	16.59	12.66	12.67	5494.04	0.01
	04/02/12	5506.70	16.59	12.70	12.71	5494.00	0.01
	08/15/11	5506.70	16.59	NPP	12.55	5494.15	NPP
	04/11/11	5506.70	16.59	12.67	12.68	5494.03	0.01
OW 14+10	08/13/15	5508.14	12.96	NPP	NWP	NWP	NPP
	04/21/15	5508.14	12.96	NPP	NWP	NWP	NPP
	08/18/14	5508.14	12.96	NPP	NWP	NWP	NPP
	04/02/14	5508.14	12.96	NPP	NWP	NWP	NPP
	08/05/13	5508.14	12.96	NPP	NWP	NWP	NPP
	04/08/13	5508.14	12.96	NPP	NWP	NWP	NPP
	08/06/12	5508.14	12.96	NPP	NWP	NWP	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
OW 16+60	08/13/15	5508.43	15.21	NPP	12.78	5495.65	NPP
	04/21/15	5508.43	15.21	NPP	12.78	5495.65	NPP
	08/18/14	5508.43	15.21	NPP	13.25	5495.18	NPP
	04/02/14	5508.43	15.21	NPP	13.10	5495.33	NPP
	08/05/13	5508.43	15.21	NPP	13.95	5494.48	NPP
	04/08/13	5508.43	15.21	NPP	13.16	5495.27	NPP
	08/06/12	5508.43	15.21	NPP	13.12	5495.31	NPP
	04/02/12	5508.43	15.21	NPP	12.99	5495.44	NPP
	08/15/11	5508.43	15.21	NPP	13.14	5495.29	NPP
	04/11/11	5508.43	15.21	NPP	12.92	5495.51	NPP
OW 19+50	08/13/15	5508.03	13.00	NPP	NWP	NWP	NPP
	04/21/15	5508.03	13.00	NPP	12.92	5495.11	NPP
	08/18/14	5508.03	13.00	NPP	NWP	NWP	NPP
	04/02/14	5508.03	13.00	NPP	NWP	NWP	NPP
	08/05/13	5508.03	13.00	NPP	NWP	NWP	NPP
	04/08/13	5508.03	13.00	NPP	NWP	NWP	NPP
	08/06/12	5508.03	13.00	NPP	NWP	NWP	NPP
	04/02/12	5508.03	13.00	NPP	NWP	NWP	NPP
	08/15/11	5508.03	13.00	NPP	NWP	NWP	NPP
	04/11/11	5508.03	13.00	NPP	12.66	5495.37	NPP
OW 22+00	08/13/15	5506.91	14.16	NPP	10.80	5496.11	NPP
	04/21/15	5506.91	14.16	NPP	11.37	5495.54	NPP
	08/18/14	5506.91	14.16	NPP	12.74	5494.17	NPP
	04/02/14	5506.91	14.16	NPP	11.73	5495.18	NPP
	08/05/13	5506.91	14.16	NPP	13.04	5493.87	NPP
	04/08/13	5506.91	14.16	NPP	12.17	5494.74	NPP
	08/06/12	5506.91	14.16	NPP	13.41	5493.50	NPP
	04/02/12	5506.91	14.16	NPP	12.26	5494.65	NPP
	08/15/11	5506.91	14.16	NPP	13.06	5493.85	NPP
	04/11/11	5506.91	14.16	NPP	11.92	5494.99	NPP
OW 23+10	08/13/15	5514.12	18.34	NPP	16.46	5497.66	NPP
	04/21/15	5514.12	18.34	NPP	16.40	5497.72	NPP
	08/18/14	5514.12	18.34	NPP	16.50	5497.62	NPP
	04/02/14	5514.12	18.34	NPP	16.42	5497.70	NPP
	08/05/13	5514.12	18.34	NPP	16.46	5497.66	NPP
	04/08/13	5514.12	18.34	NPP	16.38	5490.53	NPP
	08/06/12	5514.12	18.34	NPP	16.58	5497.54	NPP
	04/02/12	5514.12	18.34	NPP	16.43	5497.69	NPP
	08/15/11	5514.12	18.34	NPP	16.41	5497.71	NPP
	04/11/11	5514.12	18.34	NPP	16.37	5497.75	NPP
OW 23+90	08/13/15	5515.18	18.01	NPP	17.30	5497.88	NPP
	04/21/15	5515.18	18.01	NPP	17.28	5497.90	NPP
	08/18/14	5515.18	18.01	NPP	17.33	5497.85	NPP
	04/02/14	5515.18	18.01	NPP	17.26	5497.92	NPP
	08/05/13	5515.18	18.01	NPP	17.29	5497.89	NPP
	04/08/13	5515.18	18.01	NPP	17.22	5497.96	NPP
	08/06/12	5515.18	18.01	NPP	17.41	5497.77	NPP

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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
OW 25+70	08/13/15	5509.00	13.98	NPP	10.97	5498.03	NPP
	04/21/15	5509.00	13.98	NPP	10.92	5498.08	NPP
	08/18/14	5509.00	13.98	NPP	10.96	5498.04	NPP
	04/02/14	5509.00	13.98	NPP	10.95	5498.05	NPP
	08/05/13	5509.00	13.98	NPP	10.93	5498.07	NPP
	04/08/13	5509.00	13.98	NPP	10.86	5498.14	NPP
	08/06/12	5509.00	13.98	NPP	11.03	5497.97	NPP
	04/02/12	5509.00	13.98	NPP	10.93	5498.07	NPP
	08/15/11	5509.00	13.98	NPP	10.87	5498.13	NPP
	04/11/11	5509.00	13.98	NPP	10.84	5498.16	NPP
CW 0+60	08/13/15	5506.68	14.09	NPP	8.23	5498.45	NPP
	04/21/15	5506.68	14.09	NPP	8.24	5498.44	NPP
	08/18/14	5506.68	14.09	NPP	8.19	5498.49	NPP
	04/02/14	5506.68	14.09	NPP	9.01	5497.67	NPP
	08/05/13	5506.68	14.09	NPP	8.53	5498.15	NPP
	04/08/13	5506.68	14.09	NPP	9.12	5497.56	NPP
	08/22/12	5506.68	14.09	NPP	8.57	5498.11	NPP
	04/02/12	5506.68	14.09	NPP	9.27	5497.41	NPP
	08/15/11	5506.68	14.09	NPP	8.54	5498.14	NPP
	04/11/11	5506.68	14.09	NPP	9.09	5497.59	NPP
CW 1+50	08/13/15	5505.13	13.74	NPP	6.84	5498.29	NPP
	04/21/15	5505.13	13.74	NPP	6.77	5498.36	NPP
	08/18/14	5505.13	13.74	NPP	6.92	5498.21	NPP
	04/02/14	5505.13	13.74	NPP	7.47	5497.66	NPP
	08/05/13	5505.13	13.74	NPP	7.13	5498.00	NPP
	04/08/13	5505.13	13.74	NPP	7.49	5497.64	NPP
	08/22/12	5505.13	13.74	NPP	6.88	5498.25	NPP
	04/02/12	5505.13	13.74	NPP	7.58	5497.55	NPP
	08/15/11	5505.13	13.74	NPP	7.08	5498.05	NPP
	04/11/11	5505.13	13.74	NPP	7.54	5497.59	NPP
CW 3+85	08/13/15	5503.87	13.11	NPP	5.70	5498.17	NPP
	04/21/15	5503.87	13.11	NPP	5.60	5498.27	NPP
	08/18/14	5503.87	13.11	NPP	5.85	5498.02	NPP
	04/02/14	5503.87	13.11	NPP	6.14	5497.73	NPP
	08/05/13	5503.87	13.11	NPP	5.98	5497.89	NPP
	04/08/13	5503.87	13.11	NPP	6.17	5497.70	NPP
	08/22/12	5503.87	13.11	NPP	5.75	5498.12	NPP
	04/02/12	5503.87	13.11	NPP	6.21	5497.66	NPP
	08/15/11	5503.87	13.11	NPP	5.95	5497.92	NPP
	04/11/11	5503.87	13.11	NPP	6.13	5497.74	NPP
CW 5+50	08/13/15	5503.76	12.27	NPP	6.38	5497.38	NPP
	04/21/15	5503.76	12.27	NPP	6.35	5497.41	NPP
	08/18/14	5503.76	12.27	NPP	6.58	5497.18	NPP
	04/02/14	5503.76	12.27	NPP	6.63	5497.13	NPP
	08/05/13	5503.76	12.27	NPP	6.50	5497.26	NPP
	04/08/13	5503.76	12.27	NPP	6.63	5497.13	NPP
	08/22/12	5503.76	12.27	NPP	6.47	5497.29	NPP

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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
CW 6+70	08/13/15	5503.84	11.45	NPP	6.38	5497.46	NPP
	04/21/15	5503.84	11.45	NPP	6.63	5497.21	NPP
	08/18/14	5503.84	11.45	NPP	6.70	5497.14	NPP
	04/02/14	5503.84	11.45	NPP	6.96	5496.88	NPP
	08/05/13	5503.84	11.45	NPP	6.87	5496.97	NPP
	04/08/13	5503.84	11.45	NPP	6.93	5496.83	NPP
	08/22/12	5503.84	11.45	NPP	6.85	5496.99	NPP
	04/02/12	5503.84	11.45	NPP	6.96	5496.88	NPP
	08/15/11	5503.84	11.45	NPP	6.90	5496.94	NPP
	04/11/11	5503.84	11.45	NPP	6.83	5497.01	NPP
CW 8+10	08/13/15	5504.02	11.63	NPP	7.48	5496.54	NPP
	04/21/15	5504.02	11.63	NPP	7.43	5496.59	NPP
	08/18/14	5504.02	11.63	NPP	7.43	5496.59	NPP
	04/02/14	5504.02	11.63	NPP	7.80	5496.22	NPP
	08/05/13	5504.02	11.63	NPP	7.60	5496.42	NPP
	04/08/13	5504.02	11.63	NPP	7.80	5496.22	NPP
	08/22/12	5504.02	11.63	NPP	7.68	5496.34	NPP
	04/02/12	5504.02	11.63	NPP	7.83	5496.19	NPP
	08/15/11	5504.02	11.63	NPP	7.68	5496.34	NPP
	04/11/11	5504.02	11.63	NPP	7.84	5496.18	NPP
CW 8+45	08/13/15	5503.80	12.60	NPP	7.65	5496.15	NPP
	04/21/15	5503.80	12.60	NPP	7.68	5496.12	NPP
	08/18/14	5503.80	12.60	NPP	7.58	5496.22	NPP
	04/02/14	5503.80	12.60	NPP	7.94	5495.86	NPP
	08/05/13	5503.80	12.60	NPP	7.74	5496.06	NPP
	04/08/13	5503.80	12.60	NPP	7.91	5495.89	NPP
	08/22/12	5503.80	12.60	NPP	7.76	5496.04	NPP
	04/02/12	5503.80	12.60	NPP	7.90	5495.90	NPP
	08/15/11	5503.80	12.60	NPP	7.80	5496.00	NPP
	04/11/11	5503.80	12.60	NPP	7.97	5495.83	NPP
CW 11+15	08/13/15	5503.95	12.27	5.87	6.85	5497.88	0.98
	04/21/15	5503.95	12.27	5.97	7.05	5497.76	1.08
	08/18/14	5503.95	12.27	5.99	7.93	5497.57	1.94
	04/02/14	5503.95	12.27	6.00	7.95	5497.56	1.95
	08/05/13	5503.95	12.27	NPP	6.31	5497.64	NPP
	04/08/13	5503.95	12.27	NPP	6.22	5497.73	NPP
	08/22/12	5503.95	12.27	NPP	6.30	5497.65	NPP
	04/02/12	5503.95	12.27	NPP	6.24	5497.71	NPP
	08/15/11	5503.95	12.27	NPP	6.18	5497.77	NPP
	04/11/11	5503.95	12.27	NPP	6.14	5497.81	NPP
CW 14+10	08/13/15	5504.39	13.05	NPP	6.44	5497.95	NPP
	04/21/15	5504.39	13.05	NPP	6.38	5498.01	NPP
	08/18/14	5504.39	13.05	NPP	6.25	5498.14	NPP
	04/02/14	5504.39	13.05	NPP	6.45	5497.94	NPP
	08/05/13	5504.39	13.05	NPP	6.24	5498.15	NPP
	04/08/13	5504.39	13.05	NPP	6.47	5497.92	NPP
	08/22/12	5504.39	13.05	NPP	6.30	5498.09	NPP

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Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
CW 16+60	08/13/15	5504.32	12.86	NPP	6.23	5498.09	NPP
	04/21/15	5504.32	12.86	NPP	6.18	5498.14	NPP
	08/18/14	5504.32	12.86	NPP	6.11	5498.21	NPP
	04/02/14	5504.32	12.86	NPP	6.29	5498.03	NPP
	08/05/13	5504.32	12.86	NPP	5.98	5498.34	NPP
	04/08/13	5504.32	12.86	NPP	6.34	5497.98	NPP
	08/22/12	5504.32	12.86	NPP	6.18	5498.14	NPP
	04/02/12	5504.32	12.86	NPP	6.43	5497.89	NPP
	08/15/11	5504.32	12.86	NPP	6.12	5498.20	NPP
	04/11/11	5504.32	12.86	NPP	6.35	5497.97	NPP
CW 19+50	08/13/15	5504.52	9.99	NPP	6.23	5498.29	NPP
	04/21/15	5504.52	9.99	NPP	6.24	5498.28	NPP
	08/18/14	5504.52	9.99	NPP	6.21	5498.31	NPP
	04/02/14	5504.52	9.99	NPP	6.36	5498.16	NPP
	08/05/13	5504.52	9.99	NPP	6.20	5498.32	NPP
	04/08/13	5504.52	9.99	NPP	6.39	5498.13	NPP
	08/22/12	5504.52	9.99	NPP	6.12	5498.40	NPP
	04/02/12	5504.52	9.99	NPP	6.50	5498.02	NPP
	08/15/11	5504.52	9.99	NPP	6.51	5498.01	NPP
	04/11/11	5504.52	9.99	NPP	6.60	5497.92	NPP
CW 22+00	08/13/15	5508.04	12.34	NPP	8.56	5499.48	NPP
	04/21/15	5508.04	12.34	NPP	8.69	5499.35	NPP
	08/18/14	5508.04	12.34	NPP	8.73	5499.31	NPP
	04/02/14	5508.04	12.34	NPP	9.01	5499.03	NPP
	08/05/13	5508.04	12.34	NPP	8.84	5499.20	NPP
	04/08/13	5508.04	12.34	NPP	8.93	5499.11	NPP
	08/22/12	5508.04	12.34	NPP	8.89	5499.15	NPP
	04/02/12	5508.04	12.34	NPP	8.98	5499.06	NPP
	08/15/11	5508.04	12.34	NPP	8.90	5499.14	NPP
	04/11/11	5508.04	12.34	NPP	8.95	5499.09	NPP
CW 23+10	08/13/15	5510.04	14.65	NPP	10.10	5499.94	NPP
	04/21/15	5510.04	14.65	NPP	10.28	5499.76	NPP
	08/18/14	5510.04	14.65	NPP	10.32	5499.72	NPP
	04/02/14	5510.04	14.65	NPP	10.63	5499.41	NPP
	08/05/13	5510.04	14.65	NPP	10.45	5499.59	NPP
	04/08/13	5510.04	14.65	NPP	10.54	5499.50	NPP
	08/22/12	5510.04	14.65	NPP	10.52	5499.52	NPP
	04/02/12	5510.04	14.65	NPP	10.62	5499.42	NPP
	08/15/11	5510.04	14.65	NPP	10.55	5499.49	NPP
	04/11/11	5510.04	14.65	NPP	10.60	5499.44	NPP
CW 23+90	08/13/15	5507.32	11.72	NPP	7.54	5499.78	NPP
	04/21/15	5507.32	11.72	NPP	7.74	5499.58	NPP
	08/18/14	5507.32	11.72	NPP	7.75	5499.57	NPP
	04/02/14	5507.32	11.72	NPP	8.05	5499.27	NPP
	08/05/13	5507.32	11.72	NPP	7.88	5499.44	NPP
	04/08/13	5507.32	11.72	NPP	7.99	5499.33	NPP
	08/22/12	5507.32	11.72	NPP	7.93	5499.39	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
CW 25+95	08/13/15	5505.90	12.25	Active Recovery Well			
	04/21/15	5505.90	12.25	Active Recovery Well			
	08/18/14	5505.90	12.25	Active Recovery Well			
	04/02/14	5505.90	12.25	Active Recovery Well			
	08/05/13	5505.90	12.25	Active Recovery Well			
	04/08/13	5505.90	12.25	Active Recovery Well			
	08/22/12	5505.90	12.25	Active Recovery Well			
	04/02/12	5505.90	12.25	Active Recovery Well			
	08/15/11	5505.90	12.25	Active Recovery Well			
	04/11/11	5505.90	12.25	Active Recovery Well			
*SW1-0206	08/12/15	5508.27	53.08	NPP	52.62	5455.65	NPP
	05/19/15	5508.27	53.08	NPP	52.63	5455.64	NPP
	04/27/15	5508.27	53.08	NPP	52.61	5455.66	NPP
	03/05/15	5508.27	53.08	NPP	52.61	5455.66	NPP
	12/11/14	5508.27	53.08	NPP	52.65	5455.62	NPP
	07/29/14	5508.27	53.08	NPP	52.63	5455.64	NPP
	08/05/13	5508.27	53.08	NPP	52.58	5455.69	NPP
	04/24/13	5508.27	53.08	NPP	52.58	5455.69	NPP
	08/06/12	5508.27	53.08	NPP	52.59	5455.68	NPP
	06/21/12	5508.27	53.08	NPP	52.59	5455.68	NPP
	11/16/11	5508.27	53.08	NPP	52.58	5455.69	NPP
	09/19/11	5508.27	53.08	NPP	52.68	5455.59	NPP
	08/18/11	5508.27	53.08	NPP	52.61	5455.66	NPP
	02/17/11	5508.27	53.08	NPP	52.58	5455.69	NPP
	01/31/11	5508.27	53.08	NPP	52.57	5455.70	NPP
	01/17/11	5508.27	53.08	NPP	52.56	5455.71	NPP
	01/04/11	5508.27	53.08	NPP	52.57	5455.70	NPP
*SW2-0206	08/12/15	5507.75	27.69	NPP	25.80	5481.95	NPP
	05/19/15	5507.75	27.69	NPP	25.74	5482.01	NPP
	04/27/15	5507.75	27.69	NPP	25.69	5482.06	NPP
	03/05/15	5507.75	27.69	NPP	25.48	5482.27	NPP
	12/11/14	5507.75	27.69	NPP	25.41	5482.34	NPP
	07/29/14	5507.75	27.69	NPP	25.89	5481.86	NPP
	08/05/13	5507.75	27.69	NPP	25.62	5482.13	NPP
	04/24/13	5507.75	27.69	NPP	25.27	5482.48	NPP
	08/06/12	5507.75	27.69	NPP	25.50	5482.25	NPP
	06/21/12	5507.75	27.69	NPP	25.56	5482.19	NPP
	11/16/11	5507.75	27.69	NPP	25.37	5482.38	NPP
	09/19/11	5507.75	27.69	NPP	25.81	5481.94	NPP
	08/18/11	5507.75	27.69	NPP	25.76	5481.99	NPP
	02/17/11	5507.75	27.69	NPP	25.98	5481.77	NPP
	01/31/11	5507.75	27.69	NPP	25.99	5481.76	NPP
	01/17/11	5507.75	27.69	NPP	26.02	5481.73	NPP
	01/04/11	5507.75	27.69	NPP	26.05	5481.70	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
*SW3-0206	08/12/15	5505.29	52.56	NPP	26.53	5478.76	NPP
	05/19/15	5505.29	52.56	NPP	26.62	5478.67	NPP
	04/27/15	5505.29	52.56	NPP	26.64	5478.65	NPP
	03/05/15	5505.29	52.56	NPP	26.53	5478.76	NPP
	12/11/14	5505.29	52.56	NPP	26.10	5479.19	NPP
	07/29/14	5505.29	52.56	NPP	26.82	5478.47	NPP
	08/05/13	5505.29	52.56	NPP	26.69	5478.60	NPP
	04/24/13	5505.29	52.56	NPP	26.70	5478.59	NPP
	08/06/12	5505.29	52.56	NPP	26.65	5478.64	NPP
	06/21/12	5505.29	52.56	NPP	26.80	5478.49	NPP
	11/16/11	5505.29	52.56	NPP	25.90	5479.39	NPP
	09/19/11	5505.29	52.56	NPP	26.15	5479.14	NPP
	08/18/11	5505.29	52.56	NPP	26.46	5478.83	NPP
	02/17/11	5505.29	52.56	NPP	26.20	5479.09	NPP
	01/31/11	5505.29	52.56	NPP	26.09	5479.20	NPP
	01/17/11	5505.29	52.56	NPP	26.02	5479.27	NPP
	01/04/11	5505.29	52.56	NPP	25.97	5479.32	NPP
*SW4-0206	08/12/15	5504.45	42.34	NPP	33.08	5471.37	NPP
	05/19/15	5504.45	42.34	NPP	32.81	5471.64	NPP
	04/27/15	5504.45	42.34	NPP	32.78	5471.67	NPP
	03/05/15	5504.45	42.34	NPP	32.75	5471.70	NPP
	12/11/14	5504.45	42.34	NPP	32.98	5471.47	NPP
	07/29/14	5504.45	42.34	NPP	33.05	5471.40	NPP
	08/05/13	5504.45	42.34	NPP	33.01	5471.44	NPP
	04/24/13	5504.45	42.34	NPP	32.60	5471.85	NPP
	08/06/12	5504.45	42.34	NPP	33.09	5471.36	NPP
	06/21/12	5504.45	42.34	NPP	32.85	5471.60	NPP
	09/19/11	5504.45	42.34	NPP	33.10	5471.35	NPP
	08/18/11	5504.45	42.34	NPP	33.03	5471.42	NPP
	02/17/11	5504.45	42.34	NPP	32.56	5471.89	NPP
	01/31/11	5504.45	42.34	NPP	32.56	5471.89	NPP
	01/17/11	5504.45	42.34	NPP	32.61	5471.84	NPP
	01/04/11	5504.45	42.34	NPP	32.62	5471.83	NPP
*SW5-0206	08/12/15	5514.34	52.24	NPP	34.20	5480.14	NPP
	05/19/15	5514.34	52.24	NPP	33.82	5480.52	NPP
	04/27/15	5514.34	52.24	NPP	33.73	5480.61	NPP
	03/05/15	5514.34	52.24	NPP	33.78	5480.56	NPP
	12/11/14	5514.34	52.24	NPP	33.75	5480.59	NPP
	07/29/14	5514.34	52.24	NPP	33.75	5480.59	NPP
	08/05/13	5514.34	52.24	NPP	34.93	5479.41	NPP
	04/24/13	5514.34	52.24	NPP	34.27	5480.07	NPP
	08/06/12	5514.34	52.24	NPP	35.08	5479.26	NPP
	06/21/12	5514.34	52.24	NPP	35.01	5479.33	NPP
	11/16/11	5514.34	52.24	NPP	34.56	5479.78	NPP
	09/19/11	5514.34	52.24	NPP	35.05	5479.29	NPP
	08/18/11	5514.34	52.24	NPP	35.07	5479.27	NPP
	02/17/11	5514.34	52.24	NPP	34.37	5479.97	NPP
	01/31/11	5514.34	52.24	NPP	34.35	5479.99	NPP
	01/17/11	5514.34	52.24	NPP	34.35	5479.99	NPP

TABLE 1
Fluid Level Measurements Summary
2015 Groundwater Remediation Monitoring Annual Report

Well ID	Date	Measuring Point Elevation *(ft amsl)*	Total Well Depth *(ft below TOC)*	Depth To Product *(ft below TOC)*	Depth To Water *(ft below TOC)*	Corrected Groundwater Elevation *(ft amsl)*	SPH Thickness *(ft)*
*SW6-0206	08/12/15	5519.72	47.41	NPP	41.65	5478.07	NPP
	05/19/15	5519.72	47.41	NPP	40.88	5478.84	NPP
	04/27/15	5519.72	47.41	NPP	40.74	5478.98	NPP
	03/05/15	5519.72	47.41	NPP	40.23	5479.49	NPP
	12/11/14	5519.72	47.41	NPP	40.96	5478.76	NPP
	07/29/14	5519.72	47.41	NPP	41.55	5478.17	NPP
	08/05/13	5519.72	47.41	NPP	42.00	5477.72	NPP
	04/24/13	5519.72	47.41	NPP	40.91	5478.81	NPP
	08/06/12	5519.72	47.41	NPP	42.37	5477.35	NPP
	06/21/12	5519.72	47.41	NPP	41.97	5477.75	NPP
	11/16/11	5519.72	47.41	NPP	42.23	5477.49	NPP
	09/19/11	5519.72	47.41	NPP	42.83	5476.89	NPP
	08/18/11	5519.72	47.41	NPP	42.53	5477.19	NPP
	02/17/11	5519.72	47.41	NPP	41.20	5478.52	NPP
	01/31/11	5519.72	47.41	NPP	41.26	5478.46	NPP
	01/17/11	5519.72	47.41	NPP	41.36	5478.36	NPP
	01/04/11	5519.72	47.41	NPP	42.15	5477.57	NPP
*SW7-0206	08/12/15	5517.63	32.95	NPP	20.84	5496.79	NPP
	05/19/15	5517.63	32.95	NPP	20.67	5496.96	NPP
	04/27/15	5517.63	32.95	NPP	20.73	5496.90	NPP
	03/05/15	5517.63	32.95	NPP	20.39	5497.24	NPP
	12/11/14	5517.63	32.95	NPP	20.00	5497.63	NPP
	07/29/14	5517.63	32.95	NPP	20.82	5496.81	NPP
	04/02/14	5517.63	32.95	NPP	20.15	5497.48	NPP
	08/05/13	5517.63	32.95	NPP	20.80	5496.83	NPP
	04/24/13	5517.63	32.95	NPP	20.67	5496.96	NPP
	08/06/12	5517.63	32.95	NPP	20.40	5497.23	NPP
	06/21/12	5517.63	32.95	NPP	20.32	5497.31	NPP
	11/16/11	5517.63	32.95	NPP	18.73	5498.90	NPP
	09/19/11	5517.63	32.95	NPP	19.20	5498.43	NPP
	08/18/11	5517.63	32.95	NPP	19.48	5498.15	NPP
	02/17/11	5517.63	32.95	NPP	18.33	5499.30	NPP
	01/31/11	5517.63	32.95	NPP	18.09	5499.54	NPP
	01/17/11	5517.63	32.95	NPP	18.03	5499.60	NPP
	01/04/11	5517.63	32.95	NPP	18.05	5499.58	NPP

Notes:

*SW Wells sampled during significant rain events only

NPP = No Product Present

NWP = No Water Present

TABLE 2
Groundwater Field Parameter Summary
2015 Groundwater Remediation Monitoring Annual Report

Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
Cross-Gradient Wells							
MW-1	08/18/15	852	555	2.10	47.4	7.74	63.74
	04/20/15	992	646	4.80	86.9	7.62	55.40
	08/20/14	800	520	3.35	-2.2	7.11	63.38
	04/12/14	843	546	3.37	95.1	7.02	54.14
	08/13/13	717	466	4.13	61.6	7.42	61.58
	04/24/13	725	470	3.02	153.4	7.12	53.00
	08/14/12	717	468	2.93	85.8	7.28	63.40
	04/04/12	687	590	2.47	46.1	7.32	54.05
	08/13/11	762	533	10.80	240.0	6.80	68.60
	04/23/11	766	541	4.08	241.0	6.77	52.20
	08/13/10	841	588	1.83	282.0	7.04	63.60
MW-13	08/18/15	3986	2591	1.99	28.8	7.28	65.12
	04/20/15	4588	2981	3.17	80.6	7.19	61.70
	08/20/14	4004	2602	3.43	54.6	6.90	64.28
	04/12/14	3932	2557	2.43	103.8	6.91	60.86
	08/13/13	3621	2353	2.52	98.7	7.03	63.08
	04/24/13	3340	2170	4.27	99.0	7.10	60.00
	08/14/12	4223	2745	2.27	82.7	7.19	65.10
	04/04/12	3491	2769	3.60	165.4	7.01	59.95
	08/13/11	3312	2590	1.87	252.0	6.80	61.90
	04/23/11	3958	3163	3.92	210.0	6.64	59.70
	08/13/10	3816	2977	1.13	255.0	6.97	62.90
MW-26	08/18/15	ns	ns	ns	ns	ns	ns
	08/20/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/13/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/14/12	3071	1996	1.42	-81.0	7.00	65.70
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	2751	2077	1.55	230.0	6.90	63.30
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	2698	2046	1.32	300.0	6.83	64.40
MW-27	08/18/15	ns	ns	ns	ns	ns	ns
	08/20/14	6950	4518	3.55	21.8	6.71	61.94
	04/12/14	ns	ns	ns	ns	ns	ns
	08/13/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/14/12	5087	3306	2.79	-23.8	7.27	64.50
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	3741	2908	0.95	289.0	6.90	60.80
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	2890	2211	1.42	262.0	6.95	61.70

TABLE 2
Groundwater Field Parameter Summary
2015 Groundwater Remediation Monitoring Annual Report

Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
MW-32	08/18/15	5171	3363	8.00	41.5	7.71	60.50
	08/20/14	5047	3280	10.08	50.9	7.32	60.20
	04/12/14	ns	ns	ns	ns	ns	ns
	08/13/13	4833	3142	8.73	87.2	7.55	58.88
	04/24/13	ns	ns	ns	ns	ns	ns
	08/14/12	5245	3426	7.13	138.2	7.65	63.60
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	4901	3930	5.42	189.0	7.10	59.20
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	51	4148	6.43	274.0	6.99	61.30
MW-33	08/18/15	5594	3633	4.84	42.7	7.45	62.96
	04/20/15	6078	3950	7.37	76.4	7.76	60.08
	08/20/14	5097	3313	8.81	48.8	7.38	62.42
	04/12/14	5040	3276	10.24	88.2	7.69	59.36
	08/13/13	5621	3655	5.39	90.1	7.13	60.56
	04/24/13	4990	3240	34.33	32.6	7.75	58.00
	08/14/12	5609	3647	5.87	152.0	7.73	64.00
	04/04/12	4615	3757	3.57	119.8	7.42	57.99
	08/13/11	4336	3468	0.78	244.0	7.00	60.80
	04/23/11	4017	3202	2.22	212.0	6.90	57.40
	08/13/10	3794	2973	4.37	292.0	7.01	60.90
Downgradient Wells							
MW-11	08/19/15	2221	1443	2.28	-99.3	7.06	62.84
	08/21/14	2098	1365	3.79	-120.7	6.63	66.14
	04/12/14	ns	ns	ns	ns	ns	ns
	08/12/13	2558	1664	9.08	-82.4	6.84	64.70
	04/24/13	ns	ns	ns	ns	ns	ns
	08/14/12	3135	2039	1.46	-93.2	6.99	66.10
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	2645	1986	1.41	209.0	6.90	60.30
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	2545	1906	1.98	254.0	7.03	66.40
MW-12	08/19/15	763	496	3.25	32.7	7.65	65.72
	04/20/15	691	449	6.54	84.8	7.67	51.74
	08/21/14	572	371	2.73	-30.2	7.15	68.18
	04/12/14	826	540	6.83	44.3	7.76	51.44
	08/12/13	569	370	4.98	24.7	7.45	63.68
	04/24/13	1089	710	43.92	172.4	7.47	49.00
	08/14/12	515	344	4.43	86.3	7.49	64.40
	04/04/12	533	488	4.66	24.4	7.65	49.82
	08/13/11	520	356	0.48	209.0	7.00	62.20
	04/23/11	1476	1077	2.58	245.0	6.94	51.10
	08/13/10	563	390	0.63	286.0	7.03	64.30

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Groundwater Field Parameter Summary
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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
MW-34	08/19/15	2289	1489	1.54	-110.8	7.26	60.80
	08/21/14	1574	1023	2.40	-97.4	6.95	61.88
	04/12/14	ns	ns	ns	ns	ns	ns
	08/12/13	2270	1476	1.94	-89.3	7.03	62.12
	04/24/13	ns	ns	ns	ns	ns	ns
	08/14/12	2574	1672	1.54	-90.2	7.13	66.50
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	2073	1517	0.63	176.0	7.00	59.10
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	1772	1286	2.91	233.0	7.12	63.60
MW-35	08/19/15	2116	1374	1.30	-103.4	7.28	60.32
	04/20/15	2054	1335	2.41	-70.2	7.37	58.40
	08/21/14	2140	1391	4.82	-106.3	7.05	61.16
	04/12/14	2157	1404	2.33	-73.7	6.97	58.16
	08/12/13	1955	1270	2.82	-92.4	7.03	61.22
	04/24/13	2193	1430	35.10	-43.0	6.98	57.00
	08/14/12	2491	1591	2.08	-87.0	7.19	63.50
	04/04/12	1722	1427	1.80	-89.4	7.08	56.71
	08/13/11	1921	1396	1.09	154.0	7.10	60.40
	04/23/11	1787	1313	3.10	237.0	6.93	57.10
	08/13/10	1742	1268	1.35	246.0	7.05	62.30
MW-37	08/19/15	2417	1571	3.62	-118.1	7.61	60.50
	04/20/15	2730	1772	2.98	22.1	7.58	60.20
	08/21/14	2248	1460	4.60	-105.6	7.43	60.80
	04/12/14	2476	1608	3.83	-61.8	7.30	59.00
	08/12/13	2596	1686	5.09	-116.5	7.50	60.56
	04/24/13	1628	1060	35.95	-46.7	7.49	57.00
	08/14/12	2703	1760	3.37	-50.2	7.61	63.10
	04/04/12	2043	1677	2.88	-70.5	7.49	57.47
	08/13/11	2405	1785	0.59	209.0	7.10	60.30
	04/23/11	2236	1668	2.37	234.0	7.08	58.30
	08/13/10	2276	1686	0.90	275.0	6.97	63.30
MW-38	08/19/15	1171	761	2.01	-124.7	7.55	59.00
	04/20/15	1395	906	3.13	10.1	7.76	59.48
	08/21/14	1237	804	2.97	-112.6	7.47	60.32
	04/12/14	1537	999	3.73	-100.9	7.29	58.58
	08/12/13	1332	865	4.61	-122.2	7.24	61.28
	04/24/13	1656	1070	34.56	-48.0	7.28	56.00
	08/14/12	1577	1025	2.77	14.3	7.34	63.70
	04/04/12	1332	1097	2.86	-83.8	7.29	57.20
	08/13/11	1335	954	0.56	223.0	7.00	59.90
	04/23/11	1447	1045	1.51	226.0	7.10	58.40
	08/13/10	1317	939	0.60	276.0	6.99	64.70

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
North Boundary Barrier Wells							
CW 0+60	08/25/15	914	592	1.34	-94.9	7.04	68.54
	04/20/15	733	477	2.83	-80.2	7.54	58.58
	08/27/14	750	488	2.41	-121.1	6.70	69.44
	04/12/14	926	0.6023	6.30	-63.1	6.74	53.54
	8/7/2013	823	535	2.12	-73.6	6.88	66.62
	04/24/13	1098	70	60.05	17.8	6.82	50.00
	08/08/12	904	585	2.19	8.9	7.00	69.30
	04/03/12	852	771	1.75	-82.3	7.05	50.45
	08/15/11	1005	708	3.04	155.0	6.60	68.20
	04/13/11	1092	783	4.80	168.0	6.70	52.60
	08/07/10	1067	757	2.58	280.0	6.82	67.20
	04/07/10	1197	842	2.25	289.0	6.97	52.70
CW 25+95	08/26/15	np	np	np	np	np	np
	04/20/15	1547	1008	1.95	-193.1	7.54	59.30
	04/12/14	1920	1.2480	13.42	-70.4	7.46	57.20
	04/24/13	1246	810	42.38	-118.2	7.44	53.00
	08/08/12	1614	1053	0.92	-254.1	7.43	65.50
	04/03/12	1236	1074	1.34	-200.9	7.21	53.38
	08/15/11	1271	902	1.21	138.0	7.00	69.90
	04/13/11	1559	1127	2.58	63.0	7.06	60.00
	08/07/10	1343	960	1.09	141.0	6.96	66.50
	04/07/10	965	675	1.32	255.0	6.95	52.20
OW 0+60	08/25/15	1014	659	1.03	-135.1	6.96	68.78
	04/20/15	ns	ns	ns	ns	ns	ns
	08/27/14	1056	687	2.00	-58.4	6.59	69.14
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	1469	1056	2.06	77.0	6.75	67.20
	04/07/10	1573	1122	ns	ns	6.93	54.90
OW 1+50	08/25/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/27/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	ns	ns	ns	ns	ns	ns
	04/07/10	2720	2023	ns	ns	6.94	56.20

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
OW 3+85	08/25/15	2522	1638	0.86	-263.9	7.15	67.16
	08/27/14	ns	ns	ns	ns	ns	ns
	04/12/14	3030	1.9673	4.18	-143.6	6.93	54.74
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	3021	1960	64.23	-112.5	7.15	52.00
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	3224	2486	2.17	78.0	6.71	66.20
	04/07/10	3137	2371	ns	ns	6.94	54.70
OW 5+50	08/25/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/27/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	3577	2773	1.90	114.0	6.76	69.10
	04/07/10	ns	ns	ns	ns	ns	ns
OW 6+70	08/25/15	ns	ns	ns	ns	ns	ns
	08/27/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	ns	ns	ns	ns	ns	ns
	04/07/10	ns	ns	ns	ns	ns	ns
OW 8+10	08/25/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/27/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	ns	ns	ns	ns	ns	ns
	04/07/10	ns	ns	ns	ns	ns	ns

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
OW 11+15	08/25/15	2452	1593	0.86	-208.4	6.98	66.38
	04/20/15	2672	1738	1.34	-99.6	7.16	58.52
	08/27/14	2157	1402	1.73	-80.8	6.60	66.08
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	1857	1346	2.32	202.0	6.80	66.70
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	ns	ns	ns	ns	ns	ns
	04/07/10	1932	1394	ns	ns	6.94	55.80
OW 14+10	08/25/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/27/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	ns	ns	ns	ns	ns	ns
	04/07/10	ns	ns	ns	ns	ns	ns
OW 16+60	08/25/15	3936	2557	0.77	-219.3	7.16	68.84
	04/20/15	4057	2635	1.65	-211.1	7.24	60.98
	08/27/14	3239	2106	1.55	-172.9	6.83	68.72
	04/12/14	1529	0.9945	4.24	-149.9	6.96	59.42
	8/7/2013	2497	1623	1.07	-74.8	6.91	67.04
	04/24/13	2770	1800	48.22	-13.1	7.01	56.00
	08/08/12	3345	2150	2.29	-146.6	7.18	67.70
	04/03/12	2389	1913	1.12	-65.9	7.03	59.18
	08/15/11	2746	2011	1.41	184.0	6.90	70.10
	04/13/11	2567	1943	5.53	200.0	6.78	58.30
	08/07/10	2631	1982	2.86	199.0	6.79	68.50
	04/07/10	2601	1921	ns	ns	6.90	58.30
OW 19+50	08/25/15	ns	ns	ns	ns	ns	ns
	08/27/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/08/12	ns	ns	ns	ns	ns	ns
	04/03/12	ns	ns	ns	ns	ns	ns
	08/15/11	ns	ns	ns	ns	ns	ns
	04/13/11	ns	ns	ns	ns	ns	ns
	08/07/10	4496	3568	1.73	292.0	6.87	68.90
	04/07/10	4005	3129	ns	ns	6.92	54.70

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
OW 22+00	08/25/15	3048	1983	3.28	18.1	7.41	67.88
	04/20/15	3102	2017	4.57	24.8	7.56	57.62
	08/27/14	3213	2089	3.42	3.0	6.87	67.28
	04/12/14	2444	1.5882	10.62	21.9	7.27	54.32
	08/27/14	3213	2089	3.42	3.0	6.87	67.28
	04/24/13	3056	1990	57.44	115.6	7.19	51.00
	08/08/12	4262	2769	2.77	-128.6	7.07	66.60
	04/03/12	3193	2770	3.22	74.1	6.97	53.42
	08/15/11	3739	2888	2.51	149.0	7.00	69.40
	04/13/11	3178	2468	2.81	250.0	6.90	54.30
	08/07/10	3804	2953	1.50	286.0	6.85	68.60
	04/07/10	3075	2326	ns	ns	6.84	52.40
OW 23+10	08/25/15	1676	1090	1.57	-83.5	7.36	68.78
	04/20/15	1985	1289	2.22	-102.5	7.50	58.76
	08/27/14	1681	1092	2.20	-125.4	7.05	67.82
	04/12/14	1517	0.9858	8.70	-39.4	7.36	57.92
	8/7/2013	2442	1588	5.11	43.3	7.08	65.42
	04/24/13	1498	1	46.47	83.8	7.11	55.00
	08/08/12	1995	1296	3.52	-3.2	7.04	68.30
	04/03/12	1134	933	1.74	13.9	7.19	57.25
	08/15/11	1503	1072	1.32	128.0	7.00	69.10
	08/13/11	1304	939	1.89	192.0	6.98	57.60
	08/07/10	1379	982	1.06	272.0	6.90	69.50
	04/07/10	1505	1070	ns	ns	6.85	55.70
OW 23+90	08/25/15	1396	908	3.50	-10.3	7.53	67.34
	04/20/15	1263	821	6.56	-1.9	7.74	59.36
	08/27/14	1522	990	2.53	-40.7	7.26	66.38
	04/12/14	1269	0.8255	13.05	22.3	7.58	59.18
	8/7/2013	1036	674	5.11	4.3	7.50	66.20
	04/24/13	1047	1	40.99	147.3	7.39	55.00
	08/08/12	1479	960	4.88	-26.9	7.39	67.50
	04/03/12	882	731	3.64	40.3	7.56	56.62
	08/15/11	1228	869	1.77	151.0	7.00	69.00
	08/13/11	1193	855	2.73	203.0	7.03	58.40
	08/07/10	1159	822	2.05	238.0	6.97	67.80
	04/07/10	1203	845	ns	ns	6.90	56.10
OW 25+70	08/25/15	1600	1040	1.62	-113.4	7.33	69.32
	04/20/15	1529	995	2.08	-110.0	7.32	56.96
	08/27/14	1531	997	2.21	-114.7	7.22	69.08
	04/12/14	1748	1.1375	6.29	-87.5	7.35	55.70
	8/7/2013	1309	852	2.44	-92.1	7.41	68.66
	04/24/13	1335	1	42.40	16.5	7.33	53.00
	08/08/12	1349	875	2.16	-116.2	7.48	69.40
	04/03/12	1254	1086	1.03	-56.2	7.44	53.54
	08/15/11	781	544	1.10	171.0	7.00	69.30
	04/13/11	1160	830	1.54	190.0	7.00	56.05
	08/07/10	1199	850	0.97	273.0	6.94	70.40
	04/07/10	1100	773	ns	ns	6.90	51.80

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
Refinery Wells							
MW-4	08/24/15	2706	1759	2.23	-110.7	7.05	63.56
	08/25/14	3133	2037	2.53	-131.2	7.07	65.06
	04/12/14	ns	ns	ns	ns	ns	ns
	8/7/2013	1309	852	2.44	-92.1	7.41	68.66
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	2615	1701	1.19	-83.6	6.86	68.30
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	2297	1712	1.37	226.0	6.90	58.80
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	2323	1725	1.49	266.0	6.94	64.70
MW-8	08/18/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	2505	1.6272	4.89	205.9	4.73	59.06
	8/8/2013	2067	1346	3.33	94.9	5.91	58.58
	04/24/13	2292	1	34.64	387.3	3.74	56.00
	08/09/12	3986	2591	2.85	476.8	3.14	60.10
	04/04/12	2782	2219	2.61	424.7	2.97	59.58
	08/13/11	2306	1722	1.37	226.0	6.90	58.80
	04/23/11	2951	2289	5.30	251.0	4.79	55.00
	08/13/10	2258	1712	2.14	276.0	6.60	58.90
MW-20	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	ns	ns	ns	ns	ns	ns
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
MW-21	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	ns	ns	ns	ns	ns	ns
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
MW-29	08/24/15	961	624	1.81	-16.0	7.49	61.70
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	1162	754	2.44	-48.3	7.10	63.32
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	1396	906	1.74	60.0	7.08	61.52
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	1027	665	2.11	173.9	7.07	61.30
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	1116	797	2.35	226.0	7.00	60.10
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	1083	772	2.02	289.0	6.78	60.70
MW-30	08/24/15	3009	1957	1.79	-236.3	7.19	62.18
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	3218	2093	3.01	-211.8	6.82	64.46
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	2666	1733	1.54	-93.3	6.96	61.94
	04/24/13	2178	1	27.80	-34.5	7.00	61.00
	08/09/12	2694	1751	1.92	-41.5	7.08	64.20
	04/04/12	3108	2395	2.06	-211.8	6.95	62.24
	08/13/11	2986	2293	1.08	151.0	6.90	62.20
	04/23/11	3119	2419	3.65	129.0	6.50	59.80
	08/13/10	3014	2309	1.24	206.0	6.82	62.50
MW-31	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	2996	1948	2.97	-159.1	6.94	63.80
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	1776	1155	4.79	-120.7	7.15	63.92
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	3518	2288	2.25	33.5	7.19	66.60
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	3359	2598	1.26	184.0	7.00	62.40
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	3681	2857	0.40	211.0	6.96	63.80
MW-40	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	2837	2129	1.51	167.0	7.10	66.50
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	2790	2106	1.00	281.0	7.00	68.80

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
MW-44	08/24/15	5750	3740	1.93	-97.8	7.26	61.28
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	5662	3679	3.09	54.1	6.86	61.16
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	5484	3564	3.60	-4.3	7.07	60.98
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	5946	3865	5.19	29.3	7.26	64.20
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	4626	3682	2.15	231.0	7.00	60.50
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	5296	4306	2.57	320.0	6.78	60.60
RW-1	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
RW-9	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	3760	2442	0.98	-144.6	7.00	62.80
	04/04/12	ns	ns	ns	ns	ns	ns
	08/18/11	ns	ns	ns	ns	ns	ns
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	2925	2234	1.37	241.0	6.91	62.00
RW-15	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	3458	2249	3.65	-111.1	6.84	61.94
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	2213	1439	1.33	-115.1	6.94	62.24
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	3489	2269	0.86	-146.2	7.06	64.20
	04/04/12	ns	ns	ns	ns	ns	ns
	08/18/11	3130	2410	4.12	243.0	6.80	60.90
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	3295	2540	0.60	278.0	7.05	61.90

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
RW-18	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/18/11	5074	4098	3.40	229.0	6.80	63.80
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	5434	4451	2.28	132.0	6.94	65.80
RW-23	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/18/11	ns	ns	ns	ns	ns	ns
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	1911	1401	2.20	241.0	7.00	64.20
RW-28	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	8/8/2013	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/17/11	ns	ns	ns	ns	ns	ns
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
RW-42	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/08/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/08/11	ns	ns	ns	ns	ns	ns
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
RW-43	08/24/15	ns	ns	ns	ns	ns	ns
	04/20/15	ns	ns	ns	ns	ns	ns
	08/25/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/08/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/09/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/08/11	ns	ns	ns	ns	ns	ns
	04/11/11	ns	ns	ns	ns	ns	ns
	08/13/10	2647	1993	130 *	124.0	6.75	70.00
San Juan River Bluff							
Outfall No. 2	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	1064	693	9.80	4.4	7.98	51.80
	08/26/14	463	301	6.52	28.1	7.20	61.52
	04/12/14	742	0.4810	7.53	88.6	7.36	48.92
	08/06/13	782	507.0000	6.48	57.1	7.51	63.68
	04/24/13	520	340	31.59	151.4	7.38	49.00
	08/07/12	324	211	4.42	159.9	7.49	69.90
	03/08/12	ns	ns	ns	ns	ns	ns
	08/11/11	299	204	ns	212.0	6.60	62.30
	04/12/11	826	588	ns	218.0	6.69	51.60
	08/13/10	388	271	ns	271.0	6.95	65.80
Outfall No. 3	08/26/15	307	199	7.84	23.7	7.87	60.02
	04/21/15	422	275	10.48	59.2	7.95	53.66
	08/26/14	307	200	10.63	55.3	7.84	56.72
	04/12/14	933	0.6067	8.49	76.9	7.42	52.58
	08/06/13	354	230.0000	7.55	87.0	7.53	60.98
	04/24/13	622	400	28.88	120.5	7.27	53.00
	08/07/12	295	191	6.35	176.5	7.95	64.20
	03/08/12	ns	ns	ns	ns	ns	ns
	08/11/11	301	206	ns	238.0	6.60	60.40
	04/12/11	466	325	ns	197.0	6.66	52.70
	08/13/10	317	219	ns	274.0	6.94	64.90
Seep 1	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	5072	3296	4.99	49.7	6.54	53.60
	08/26/14	3939	2559	5.62	51.4	7.40	61.04
	04/12/14	3507	2279	6.01	49.3	7.56	49.88
	08/06/13	2472	1606	132.62	48.5	7.72	67.04
	04/24/13	3982	2590	90.94	228.5	7.36	46.00
	08/07/12	4503	2925	5.62	164.0	8.03	76.90
	03/18/12	ns	ns	ns	ns	ns	ns

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
Seep 2	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	03/18/12	ns	ns	ns	ns	ns	ns
Seep 3	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	4506	2930	99.98	217.0	7.76	44.00
	08/07/12	ns	ns	ns	ns	ns	ns
	03/18/12	3655	3215	7.95	127.0	7.89	52.38
Seep 4	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/07/12	ns	ns	ns	ns	ns	ns
	03/18/12	ns	ns	ns	ns	ns	ns
Seep 5	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/07/12	ns	ns	ns	ns	ns	ns
	03/18/12	ns	ns	ns	ns	ns	ns
Seep 6	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	8810	5727	13.46	105.2	7.24	44.84
	08/06/13	28663	18631	90.40	153.6	6.68	66.26
	04/24/13	9510	6180	129.16	219.0	7.07	42.00
	08/07/12	ns	ns	ns	ns	ns	ns
	03/18/12	7291	6851	12.60	121.6	7.61	48.02
Seep 7	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/07/12	ns	ns	ns	ns	ns	ns
	03/18/12	ns	ns	ns	ns	ns	ns

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
Seep 8	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/07/12	ns	ns	ns	ns	ns	ns
	03/18/12	ns	ns	ns	ns	ns	ns
Seep 9	08/26/15	ns	ns	ns	ns	ns	ns
	04/21/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	5271	3.4255	12.90	43.9	7.73	43.10
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	5644	3670	136.90	214.3	7.35	35.00
	08/07/12	ns	ns	ns	ns	ns	ns
	03/18/12	3004	2841	7.62	139.4	7.64	47.48
Upstream	08/26/15	169	110	9.28	23.6	7.98	57.74
	04/22/15	540	351	13.08	34.2	8.16	58.64
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	357	0.2318	12.74	45.3	8.14	45.38
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	370	240	21.89	168.2	8.20	49.00
	08/07/12	311	202	7.73	147.4	8.51	57.90
	03/10/12	236	218	10.50	65.4	8.27	49.28
Downstream	08/26/15	315	205	9.81	14.7	8.13	57.20
	04/22/15	536	348	12.39	35.7	8.16	59.72
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	429	0.2791	16.35	82.1	7.67	45.14
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	419	270	20.80	193.9	8.20	51.00
	08/07/12	347	226	5.71	157.4	8.47	60.00
	03/11/12	323	273	10.12	61.2	8.41	55.40
North of MW-45	08/26/15	ns	ns	ns	ns	ns	ns
	04/22/15	498	324	12.93	33.4	8.03	60.08
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	411	0.2671	13.48	83.8	8.05	45.14
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	360	230	20.40	214.3	8.39	50.00
	08/07/12	313	203	8.17	154.8	8.42	59.10
	03/11/12	243	220	9.85	75.1	8.42	50.54
North of MW-46	08/26/15	ns	ns	ns	ns	ns	ns
	04/22/15	500	325	13.71	20.3	8.24	60.26
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	405	0.2633	12.30	90.4	8.12	44.96
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	368	240	20.90	213.5	8.40	51.00
	08/07/12	324	211	8.02	156.5	8.31	60.10
	03/10/12	242	220	10.20	65.2	8.37	50.18

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
Background Wells							
MW-3	08/26/15	ns	ns	ns	ns	ns	ns
	04/22/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/04/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	ns	ns	ns	ns	ns	ns
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
MW-5	08/26/15	ns	ns	ns	ns	ns	ns
	04/22/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/04/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	ns	ns	ns	ns	ns	ns
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
MW-6	08/26/15	ns	ns	ns	ns	ns	ns
	04/22/15	ns	ns	ns	ns	ns	ns
	08/26/14	ns	ns	ns	ns	ns	ns
	04/12/14	ns	ns	ns	ns	ns	ns
	08/06/13	ns	ns	ns	ns	ns	ns
	04/24/13	ns	ns	ns	ns	ns	ns
	08/04/12	ns	ns	ns	ns	ns	ns
	04/04/12	ns	ns	ns	ns	ns	ns
	08/13/11	ns	ns	ns	ns	ns	ns
	04/23/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
RCRA Investigation Wells							
MW-50	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	544	353	1.73	55.0	7.44	60.98
	08/15/12	558	348	10.37	148.4	7.21	62.20
	08/22/11	650	453	6.12	183.0	6.70	59.50
	08/13/10	612	425	0.66	248.0	7.12	61.40
MW-51	08/17/15	723	470	2.55	70.2	7.31	58.76
	08/19/14	779	507	3.06	25.6	7.07	62.18
	08/14/13	441	287	2.17	69.0	7.35	61.34
	08/15/12	557	362	2.58	116.8	7.57	62.90
	08/22/11	509	351	4.80	181.0	6.90	61.10
	08/13/10	664	459	0.52	273.0	7.12	63.10

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Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
MW-52	08/17/15	4172	2713	1.92	62.7	7.02	59.24
	08/19/14	4849	3153	3.37	64.2	6.49	60.50
	08/14/13	4471	2908	2.69	5.2	6.78	59.30
	08/15/12	3518	2286	2.60	4.7	6.61	64.70
	08/22/11	4139	3255	3.12	201.0	6.90	60.70
	08/13/10	3602	2801	0.63	291.0	7.07	62.20
MW-53	08/17/15	5470	3556	2.31	96.0	7.14	59.78
	08/19/14	5333	3467	3.23	59.7	6.58	60.50
	08/14/13	4603	2990	3.05	48.3	7.15	59.72
	08/15/12	5477	3562	3.55	38.0	7.27	61.90
	08/22/11	4574	3658	3.63	215.0	6.90	59.60
	08/13/10	4288	3394	0.59	242.0	7.14	61.60
MW-54	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/22/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
MW-55	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/22/11	3001	2284	1.72	198.0	7.00	60.60
	08/13/10	3160	2440	1.28	277.0	6.85	61.10
MW-56	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/22/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
	08/17/15	ns	ns	ns	ns	ns	ns
MW-57	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/22/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
	08/17/15	ns	ns	ns	ns	ns	ns
MW-58	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/22/11	ns	ns	ns	ns	ns	ns
	08/13/10	2562	1928	1.68	279.0	6.95	65.30

TABLE 2
Groundwater Field Parameter Summary
2015 Groundwater Remediation Monitoring Annual Report

Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
MW-59	08/17/15	3381	220	1.30	-112.3	7.16	62.48
	08/19/14	3488	2266	2.75	-121.2	6.90	62.90
	08/14/13	2876	1869	1.79	-91.1	7.09	63.95
	08/15/12	2867	1863	1.60	-85.9	7.10	63.10
	08/25/11	2423	1812	2.12	221.0	6.80	62.00
	08/13/10	2067	1523	0.61	287.0	6.90	62.40
MW-60	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/25/11	3551	2743	1.78	200.0	7.00	62.60
	08/13/10	2567	1939	0.68	284.0	6.88	61.50
MW-61	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/08/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns
MW-62	08/17/15	7273	473	2.03	48.1	7.05	61.46
	08/19/14	7172	4663	6.36	44.5	6.87	63.02
	08/14/13	7051	4583	4.54	38.3	7.07	61.76
	08/15/12	7450	4843	4.75	125.4	6.95	61.40
	08/23/11	6247	5203	50' cord -didn't reach	189.0	7.00	60.50
	08/13/10	6458	5330	50' cord -didn't reach	297.0	6.93	62.40
MW-63	08/17/15	4931	320	0.80	57.8	6.84	64.64
	08/19/14	5282	3432	3.24	30.5	6.60	66.92
	08/14/13	5899	3835	1.39	62.1	6.83	65.39
	08/15/12	5374	3479	1.47	137.6	6.91	65.40
	08/24/11	3416	2651	1.71	238.0	6.60	63.90
	08/13/10	4764	3809	0.44	222.0	7.06	68.30
MW-64	08/17/15	6310	410	6.16	68.3	7.04	63.38
	08/19/14	6249	4060	9.15	67.1	6.94	64.52
	08/14/13	6049	3933	6.49	60.9	7.03	64.28
	08/15/12	6501	4186	4.90	121.2	7.12	65.40
	08/24/11	4989	4026	4.22	235.0	6.70	61.50
	08/13/10	5302	4279	4.59	251.0	7.06	65.50
MW-65	08/17/15	4861	316	1.83	-182.3	7.10	63.38
	08/19/14	4299	2795	3.57	-114.7	6.89	64.16
	08/14/13	4707	3059	1.80	-97.6	7.04	64.10
	08/15/12	5341	3458	1.09	-93.5	7.09	63.90
	08/22/11	2866	2189	0.55	169.0	7.10	63.00
	08/13/10	2787	2103	0.41	245.0	7.05	65.80
MW-66	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/08/11	ns	ns	ns	ns	ns	ns
	08/13/10	ns	ns	ns	ns	ns	ns

TABLE 2
Groundwater Field Parameter Summary
2015 Groundwater Remediation Monitoring Annual Report

Location ID	Date	Electrical Conductivity *(uS/cm)*	Total Disolved Solids *(mg/l)*	Dissolved Oxygen *(mg/l)*	Oxidation Reduction Potential *(mV)*	pH	Temperature *(^{o}F)*
MW-67	08/17/15	1320	860	2.71	73.0	7.24	59.48
	08/19/14	1008	654	3.00	70.4	6.87	60.14
	08/14/13	876	570	2.39	59.7	7.12	59.60
	08/15/12	1309	849	2.48	221.9	6.96	59.70
	08/22/11	1017	712	1.17	170.0	7.00	58.70
MW-68	08/17/15	1257	819	2.36	69.8	7.30	62.42
	08/19/14	1135	737	3.56	52.4	6.97	63.32
	08/14/13	1053	685	3.31	84.5	7.19	61.04
	08/15/12	1114	724	7.85	197.6	6.82	61.20
	08/22/11	1150	809	0.91	218.0	7.00	60.90
MW-69	08/17/15	ns	ns	ns	ns	ns	ns
	08/19/14	ns	ns	ns	ns	ns	ns
	08/14/13	ns	ns	ns	ns	ns	ns
	08/15/12	ns	ns	ns	ns	ns	ns
	08/22/11	ns	ns	ns	ns	ns	ns
MW-70	08/17/15	6258	407	3.21	-49.5	6.89	60.68
	08/19/14	6088	3956	6.13	-65.3	6.81	63.44
MW BCK1	08/17/15	ns	ns	ns	ns	ns	ns
	04/22/15	ns	ns	ns	ns	ns	ns
	08/20/14	ns	ns	ns	ns	ns	ns
	04/12/14	5417	3521	8.73	82.6	7.27	60.56
	08/14/13	ns	ns	ns	ns	ns	ns
	04/24/13	5075	3300	88.56	140	7.28	59.0
MW BCK2	08/17/15	ns	ns	ns	ns	ns	ns
	04/22/15	ns	ns	ns	ns	ns	ns
	08/20/14	ns	ns	ns	ns	ns	ns
	04/12/14	14137	919	4.83	0.7	7.46	60.80
	08/14/13	ns	ns	ns	ns	ns	ns
	04/24/13	11303	7350	47.79	135.03	7.68	59.0

Notes:
ns = no sample
np = not purged
* = Field result was confirmed with field notes.

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			**RW-1	MW-4				[1] MW-8
			Aug-15	Aug-15	Aug-14	Aug-13	Aug-12	Apr-15
Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	---	< 1.0	< 10	< 1.0	< 10	---
1,1,1-Trichloroethane	6.00E+01	(3)	---	< 1.0	< 10	< 1.0	< 10	---
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	---	< 2.0	< 20	< 2.0	< 20	---
1,1,2-Trichloroethane	5.00E+00	(2)	---	< 1.0	< 10	< 1.0	< 10	---
1,1-Dichloroethane	2.50E+01	(3)	---	< 1.0	< 10	< 1.0	< 10	---
1,1-Dichloroethene	5.00E+00	(3)	---	< 1.0	< 10	< 1.0	< 10	---
1,1-Dichloropropene	-	-	---	< 1.0	< 10	< 1.0	< 10	---
1,2,3-Trichlorobenzene	-	-	---	< 1.0	< 10	< 1.0	< 10	---
1,2,3-Trichloropropane	7.47E-03	(4)	---	< 2.0	< 20	< 2.0	< 20	---
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	< 1.0	< 10	< 1.0	< 10	---
1,2,4-Trimethylbenzene	1.50E+01	(1)	---	4.1	< 10	10	220	---
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	---	< 2.0	< 20	< 2.0	< 20	---
1,2-Dibromoethane (EDB)	5.00E-02	(2)	---	< 1.0	< 10	< 1.0	< 10	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	< 1.0	< 10	< 1.0	< 10	---
1,2-Dichloroethane (EDC)	5.00E+00	(2)	---	< 1.0	< 10	< 1.0	< 10	---
1,2-Dichloropropane	5.00E+00	(2)	---	< 1.0	< 10	< 1.0	< 10	---
1,3,5-Trimethylbenzene	1.20E+01	(1)	---	< 1.0	< 10	2.3	11	---
1,3-Dichlorobenzene	-	-	---	< 1.0	< 10	< 1.0	< 10	---
1,3-Dichloropropane	7.30E+02	(1)	---	< 1.0	< 10	< 1.0	< 10	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	< 1.0	< 10	< 1.0	< 10	---
1-Methylnaphthalene	2.30E+00	(1)	---	21	< 40	17	< 40	---
2,2-Dichloropropane	-	-	---	< 2.0	< 20	< 2.0	< 20	---
2-Butanone	5.56E+03	(4)	---	< 10	< 100	< 10	< 100	---
2-Chlorotoluene	7.30E+02	(1)	---	< 1.0	< 10	< 1.0	< 10	---
2-Hexanone	-	-	---	< 10	< 100	< 10	< 100	---
2-Methylnaphthalene	1.50E+02	(1)	---	37	< 40	29	66	---
4-Chlorotoluene	2.60E+03	(1)	---	< 1.0	< 10	< 1.0	< 10	---
4-Isopropyltoluene	-	-	---	< 1.0	< 10	< 1.0	< 10	---
4-Methyl-2-pentanone	-	-	---	< 10	< 100	< 10	< 100	---
Acetone	1.41E+04	(4)	---	< 10	< 100	< 10	< 100	---
Benzene	5.00E+00	(2)	---	210	27	120	190	
Bromobenzene	2.00E+01	(1)	---	< 1.0	< 10	< 1.0	< 10	---
Bromodichloromethane	1.34E+00	(4)	---	< 1.0	< 10	< 1.0	< 10	---
Bromoform	8.50E+00	(1)	---	< 1.0	< 10	< 1.0	< 10	---
Bromomethane	7.54E+00	(4)	---	< 3.0	< 30	< 3.0	< 30	---
Carbon disulfide	8.10E+02	(4)	---	< 10	< 100	< 10	< 100	---
Carbon Tetrachloride	5.00E+00	(2)	---	< 1.0	< 10	< 1.0	< 10	---
Chlorobenzene	1.00E+02	(2)	---	< 1.0	< 10	< 1.0	< 10	---
Chloroethane	-	-	---	< 2.0	< 20	< 2.0	< 20	---
Chloroform	1.00E+02	(3)	---	< 1.0	< 10	< 1.0	< 10	---
Chloromethane	2.03E+01	(4)	---	< 3.0	< 30	< 3.0	< 30	---
cis-1,2-DCE	7.00E+01	(2)	---	< 1.0	< 10	< 1.0	< 10	---
cis-1,3-Dichloropropene	-	-	---	< 1.0	< 10	< 1.0	< 10	---
Dibromochloromethane	1.68E+00	(4)	---	< 1.0	< 10	< 1.0	< 10	---
Dibromomethane	3.70E+02	(1)	---	< 1.0	< 10	< 1.0	< 10	---
Dichlorodifluoromethane	1.97E+02	(4)	---	< 1.0	< 10	< 1.0	< 10	---
Ethylbenzene	7.00E+02	(2)	---	17	< 10	18	83	

			**RW-1	MW-4				[1] MW-8
			Aug-15	Aug-15	Aug-14	Aug-13	Aug-12	Apr-15
Hexachlorobutadiene	8.60E-01	(1)	---	< 1.0	< 10	< 1.0	< 10	---
Isopropylbenzene	4.47E+02	(4)	---	**49**	**25**	**27**	**58**	---
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	---	< 1.0	< 10	**1.4**	< 10	
Methylene Chloride	5.00E+00	(2)	---	< 3.0	< 30	< 3.0	< 30	---
Naphthalene	1.65E+00	(4)	---	**78**	**55**	**56**	**110**	---
n-Butylbenzene	-	-	---	< 3.0	< 30	< 3.0	< 10	---
n-Propylbenzene	-	-	---	**39**	**25**	**22**	**77**	---
sec-Butylbenzene	-	-	---	**7.7**	< 10	**5.2**	**14**	---
Styrene	1.00E+02	(2)	---	< 1.0	< 10	< 1.0	< 10	---
tert-Butylbenzene	-	-	---	**1.2**	< 10	**1.2**	< 10	---
Tetrachloroethene (PCE)	5.00E+00	(2)	---	< 1.0	< 10	< 1.0	< 10	---
Toluene	7.50E+02	(3)	---	< 1.0	< 10	< 1.0	< 10	
trans-1,2-DCE	1.00E+02	(2)	---	< 1.0	< 10	< 1.0	< 10	---
trans-1,3-Dichloropropene	4.30E-01	(1)	---	< 1.0	< 10	< 1.0	< 10	---
Trichloroethene (TCE)	5.00E+00	(2)	---	< 1.0	< 10	< 1.0	< 10	---
Trichlorofluoromethane	1.14E+03	(4)	---	< 1.0	< 10	< 1.0	< 10	---
Vinyl chloride	1.00E+00	(3)	---	< 1.0	< 10	< 1.0	< 10	---
Xylenes, Total	6.20E+02	(3)	---	**11**	< 15	**5.6**	**34**	
Semi Volatile Organic Compounds (ug/l):								
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	---	---	---	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	---	---	---	---
1,3-Dichlorobenzene	-	-	---	---	---	---	---	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	---	---	---	---
1-Methylnaphthalene	2.30E+00	(1)	---	---	---	---	---	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	---	---	---	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	---	---	---	---
2,4-Dichlorophenol	4.53E+01	(4)	---	---	---	---	---	---
2,4-Dimethylphenol	3.54E+02	(4)	---	---	---	---	---	---
2,4-Dinitrophenol	3.88E+01	(4)	---	---	---	---	---	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	---	---	---	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	---	---	---	---
2-Chloronaphthalene	2.90E+03	(1)	---	---	---	---	---	---
2-Chlorophenol	9.10E+01	(4)	---	---	---	---	---	---
2-Methylnaphthalene	1.50E+02	(1)	---	---	---	---	---	---
2-Methylphenol	1.80E+03	(1)	---	---	---	---	---	---
2-Nitroaniline	1.10E+02	(1)	---	---	---	---	---	---
2-Nitrophenol	-	-	---	---	---	---	---	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	---	---	---	---
3+4-Methylphenol	1.80E+02	(1)	---	---	---	---	---	---
3-Nitroaniline	-	-	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	-	-	---	---	---	---	---	---
4-Bromophenyl phenyl ether	-	-	---	---	---	---	---	---
4-Chloro-3-methylphenol	-	-	---	---	---	---	---	---
4-Chloroaniline	3.40E-01	(1)	---	---	---	---	---	---
4-Chlorophenyl phenyl ether	-	-	---	---	---	---	---	---
4-Nitroaniline	3.40E+00	(1)	---	---	---	---	---	---
4-Nitrophenol	-	-	---	---	---	---	---	---
Acenaphthene	5.35E+02	(4)	---	---	---	---	---	---
Acenaphthylene	-	-	---	---	---	---	---	---

			**RW-1	MW-4				[1] MW-8
			Aug-15	Aug-15	Aug-14	Aug-13	Aug-12	Apr-15
Aniline	1.20E+01	(1)	---	---	---	---	---	---
Anthracene	1.72E+03	(4)	---	---	---	---	---	---
Azobenzene	1.20E-01	(1)	---	---	---	---	---	---
Benzo(a)anthracene	3.43E-01	(4)	---	---	---	---	---	---
Benzo(a)pyrene	2.00E-01	(2)	---	---	---	---	---	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	---	---	---	---
Benzo(g,h,i)perylene	-	-	---	---	---	---	---	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	---	---	---	---
Benzoic acid	1.50E+05	(1)	---	---	---	---	---	---
Benzyl alcohol	1.80E+04	(1)	---	---	---	---	---	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	---	---	---	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	---	---	---	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	---	---	---	---
Butyl benzyl phthalate	3.50E+01	(1)	---	---	---	---	---	---
Carbazole	-	-	---	---	---	---	---	---
Chrysene	3.43E+01	(4)	---	---	---	---	---	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	---	---	---	---
Dibenzofuran	-	-	---	---	---	---	---	---
Diethyl phthalate	1.48E+04	(4)	---	---	---	---	---	---
Dimethyl phthalate	-	-	---	---	---	---	---	---
Di-n-butyl phthalate	8.85E+02	(4)	---	---	---	---	---	---
Di-n-octyl phthalate	-	-	---	---	---	---	---	---
Fluoranthene	8.02E+02	(4)	---	---	---	---	---	---
Fluorene	2.88E+02	(4)	---	---	---	---	---	---
Hexachlorobenzene	1.00E+00	(2)	---	---	---	---	---	---
Hexachlorobutadiene	8.60E-01	(1)	---	---	---	---	---	---
Hexachlorocyclopentadiene	5.00E+01	(2)	---	---	---	---	---	---
Hexachloroethane	6.80E+00	(4)	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	---	---	---	---	---
Isophorone	7.79E+02	(4)	---	---	---	---	---	---
Naphthalene	1.65E+00	(4)	---	---	---	---	---	---
Nitrobenzene	1.40E+00	(4)	---	---	---	---	---	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	---	---	---	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	---	---	---	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	---	---	---	---
Pentachlorophenol	1.00E+00	(2)	---	---	---	---	---	---
Phenanthrene	1.70E+02	(4)	---	---	---	---	---	---
Phenol	5.00E+00	(3)	---	---	---	---	---	---
Pyrene	1.17E+02	(4)	---	---	---	---	---	---
Pyridine	3.70E+01	(1)	---	---	---	---	---	---
General Chemistry (mg/l):								
Fluoride	1.6	(3)	---	**0.29**	< 0.50	< 0.50	< 0.50	---
Chloride	250	(3)	---	**250**	**220**	**210**	**220**	---
Nitrite	1	(2)	---	< 0.10	< 0.50	< 0.50	< 0.50	---
Bromide	-	-	---	< 0.10	**3.4**	**3.1**	**3.0**	---
Nitrate	10	(3)	---	**0.74**	< 0.50	< 0.50	< 0.50	---
Phosphorus	-	-	---	< 0.50	< 2.5	< 2.5	< 2.5	---
Sulfate	600	(3)	---	**1**	**6.8**	**4.0**	< 2.5	---
Carbon Dioxide (CO_2)	-	-	---	**1100**	**1200**	**1100**	**1000**	---
Alkalinity ($CaCO_3$)	-	-	---	**1148**	**1400**	**1200**	**1100**	---
Bicarbonate ($CaCO_3$)	-	-	---	**1148**	**1400**	**1200**	**1100**	---

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			**RW-1	MW-4				[1] MW-8
			Aug-15	Aug-15	Aug-14	Aug-13	Aug-12	Apr-15
Total Metals (mg/l):								
Arsenic	0.01	(2)	---	< 0.020	< 0.020	< 0.020	< 0.02	---
Barium	2.0	(2)	---	2	2.6	2.3	2.3	---
Cadmium	0.005	(2)	---	< 0.0020	< 0.0020	< 0.0020	<0.002	---
Chromium	0.05	(3)	---	< 0.0060	0.024	0.034	0.014	---
Lead	0.015	(2)	---	0.005	0.010	0.012	0.0077	---
Selenium	0.05	(2)	---	< 0.050	< 0.050	< 0.050	<0.05	
Silver	0.05	(3)	---	< 0.0050	< 0.0050	< 0.025	<0.005	---
Mercury	0.002	(3)	---	< 0.00020	< 0.00020	< 0.00020	<0.0002	---
Dissolved Metals (mg/l):								
Arsenic	0.1	(3)	---	< 0.020	< 0.010	0.015	0.0095	---
Barium	1.0	(3)	---	2.3	2.1	2.1	2.0	---
Cadmium	0.01	(3)	---	< 0.0020	< 0.0020	< 0.0020	<0.002	---
Calcium	-	-	---	170	150	150	160	---
Chromium	0.05	(3)	---	< 0.0060	< 0.0060	< 0.0060	<0.006	---
Copper	1.0	(3)	---	< 0.0060	0.023	0.017	<0.006	---
Iron	1.0	(3)	---	6.2	12	12	7.9	---
Lead	0.05	(3)	---	0.0065	0.0011	0.001	0.0014	---
Magnesium	-	-	---	66	62	67	63	---
Manganese	0.2	(3)	---	3.5	2.5	2.8	3.5	---
Potassium	-	-	---	4.3	6.1	6.9	4.2	---
Selenium	0.05	(3)	---	< 0.050	0.012	0.014	0.0079	---
Silver	0.05	(3)	---	< 0.0050	< 0.0050	< 0.0050	<0.005	---
Sodium	-	-	---	360	470	370	330	---
Uranium	0.03	(3)	---	< 0.10	< 0.0010	< 0.0010	< 0.001	---
Zinc	10	(3)	---	0.024	0.011	< 0.010	0.042	---
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	---	2.1	0.84	3.3	0.48	---
Gasoline Range Organics	-	-	---	14	5.4	7.0	9.8	---
Motor Oil Range Organics	-	-	---	< 2.5	< 2.5	< 2.5	< 2.5	---

Notes:

(1) EPA - Regional Screening Levels (April 2009) - EPA Screening Leve

(2) EPA - Regional Screening Levels (April 2009) - MCL

(3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.2.3101 S

(4) NMED TAP Water Screening Levels - NM Risk Assessment Guidanc

-	= No screening level available
*	= Laboratory analyzed for combined Nitrate (As N) + Nitrite
---	= Analyte inadvertently not included in sample analysis.
---	= Analysis not required and/or well contains separate phase
	= Analytical result exceeds the respective screening level.
1	= 6/27/13 modification on FWGWM Plan to remove MW-8 a
**	= Columns hidden when there are 4 or more consecutive yea

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			MW-29						
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15	
Volatile Organic Compounds (ug/L)									
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,1,1-Trichloroethane	6.00E+01	(3)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 2.0	< 2.0	< 2.0	< 2.0	< 200	---	
1,1,2-Trichloroethane	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,1-Dichloroethane	2.50E+01	(3)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,1-Dichloroethene	5.00E+00	(3)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,1-Dichloropropene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,2,3-Trichlorobenzene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,2,3-Trichloropropane	7.47E-03	(4)	< 2.0	< 2.0	< 2.0	< 2.0	< 200	---	
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,2,4-Trimethylbenzene	1.50E+01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	**3000**	---	
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 2.0	< 2.0	< 2.0	< 2.0	< 200	---	
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,2-Dichlorobenzene	6.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,2-Dichloroethane (EDC)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,2-Dichloropropane	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	**740**	---	
1,3-Dichlorobenzene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,3-Dichloropropane	7.30E+02	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1,4-Dichlorobenzene	7.50E+01	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
1-Methylnaphthalene	2.30E+00	(1)	< 4.0	< 4.0	< 4.0	< 4.0	< 400	---	
2,2-Dichloropropane	-	-	< 2.0	< 2.0	< 2.0	< 2.0	< 200	---	
2-Butanone	5.56E+03	(4)	< 10	< 10	< 10	< 10	< 1000	---	
2-Chlorotoluene	7.30E+02	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
2-Hexanone	-	-	< 10	< 10	< 10	< 10	< 1000	---	
2-Methylnaphthalene	1.50E+02	(1)	< 4.0	< 4.0	< 4.0	< 4.0	< 400	---	
4-Chlorotoluene	2.60E+03	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
4-Isopropyltoluene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
4-Methyl-2-pentanone	-	-	< 10	< 10	< 10	< 10	< 1000	---	
Acetone	1.41E+04	(4)	< 10	< 10	< 10	< 10	< 1000	---	
Benzene	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	**4200**	---	
Bromobenzene	2.00E+01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Bromodichloromethane	1.34E+00	(4)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Bromoform	8.50E+00	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Bromomethane	7.54E+00	(4)	< 3.0	< 3.0	< 3.0	< 3.0	< 300	---	
Carbon disulfide	8.10E+02	(4)	< 10	< 10	< 10	< 10	< 1000	---	
Carbon Tetrachloride	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Chlorobenzene	1.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Chloroethane	-	-	< 2.0	< 2.0	< 2.0	< 2.0	< 200	---	
Chloroform	1.00E+02	(3)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Chloromethane	2.03E+01	(4)	< 3.0	< 3.0	< 3.0	< 3.0	< 300	---	
cis-1,2-DCE	7.00E+01	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
cis-1,3-Dichloropropene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Dibromochloromethane	1.68E+00	(4)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Dibromomethane	3.70E+02	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Dichlorodifluoromethane	1.97E+02	(4)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---	
Ethylbenzene	7.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	**4000**	---	

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			MW-29					
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15
Hexachlorobutadiene	8.60E-01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Isopropylbenzene	4.47E+02	(4)	< 1.0	< 1.0	< 1.0	< 1.0	**110**	---
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Methylene Chloride	5.00E+00	(2)	< 3.0	< 3.0	< 3.0	< 3.0	< 300	---
Naphthalene	1.65E+00	(4)	< 2.0	< 2.0	< 2.0	< 1.0	**600**	---
n-Butylbenzene	-	-	< 3.0	< 3.0	< 3.0	< 1.0	< 300	---
n-Propylbenzene	-	-	< 1.0	< 1.0	< 1.0	< 2.0	**470**	---
sec-Butylbenzene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Styrene	1.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
tert-Butylbenzene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Tetrachloroethene (PCE)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Toluene	7.50E+02	(3)	< 1.0	< 1.0	< 1.0	< 1.0	**13000**	---
trans-1,2-DCE	1.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
trans-1,3-Dichloropropene	4.30E-01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Trichloroethene (TCE)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Trichlorofluoromethane	1.14E+03	(4)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Vinyl chloride	1.00E+00	(3)	< 1.0	< 1.0	< 1.0	< 1.0	< 100	---
Xylenes, Total	6.20E+02	(3)	< 1.5	< 1.5	< 1.5	< 1.5	**16000**	---
Semi Volatile Organic Compounds (ug/l):								
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	---	---	---	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	---	---	---	---
1,3-Dichlorobenzene	-	-	---	---	---	---	---	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	---	---	---	---
1-Methylnaphthalene	2.30E+00	(1)	---	---	---	---	---	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	---	---	---	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	---	---	---	---
2,4-Dichlorophenol	4.53E+01	(4)	---	---	---	---	---	---
2,4-Dimethylphenol	3.54E+02	(4)	---	---	---	---	---	---
2,4-Dinitrophenol	3.88E+01	(4)	---	---	---	---	---	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	---	---	---	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	---	---	---	---
2-Chloronaphthalene	2.90E+03	(1)	---	---	---	---	---	---
2-Chlorophenol	9.10E+01	(4)	---	---	---	---	---	---
2-Methylnaphthalene	1.50E+02	(1)	---	---	---	---	---	---
2-Methylphenol	1.80E+03	(1)	---	---	---	---	---	---
2-Nitroaniline	1.10E+02	(1)	---	---	---	---	---	---
2-Nitrophenol	-	-	---	---	---	---	---	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	---	---	---	---
3+4-Methylphenol	1.80E+02	(1)	---	---	---	---	---	---
3-Nitroaniline	-	-	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	-	-	---	---	---	---	---	---
4-Bromophenyl phenyl ether	-	-	---	---	---	---	---	---
4-Chloro-3-methylphenol	-	-	---	---	---	---	---	---
4-Chloroaniline	3.40E-01	(1)	---	---	---	---	---	---
4-Chlorophenyl phenyl ether	-	-	---	---	---	---	---	---
4-Nitroaniline	3.40E+00	(1)	---	---	---	---	---	---
4-Nitrophenol	-	-	---	---	---	---	---	---
Acenaphthene	5.35E+02	(4)	---	---	---	---	---	---
Acenaphthylene	-	-	---	---	---	---	---	---

			MW-29					
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15
Aniline	1.20E+01	(1)	---	---	---	---	---	---
Anthracene	1.72E+03	(4)	---	---	---	---	---	---
Azobenzene	1.20E-01	(1)	---	---	---	---	---	---
Benzo(a)anthracene	3.43E-01	(4)	---	---	---	---	---	---
Benzo(a)pyrene	2.00E-01	(2)	---	---	---	---	---	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	---	---	---	---
Benzo(g,h,i)perylene	-	-	---	---	---	---	---	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	---	---	---	---
Benzoic acid	1.50E+05	(1)	---	---	---	---	---	---
Benzyl alcohol	1.80E+04	(1)	---	---	---	---	---	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	---	---	---	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	---	---	---	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	---	---	---	---
Butyl benzyl phthalate	3.50E+01	(1)	---	---	---	---	---	---
Carbazole	-	-	---	---	---	---	---	---
Chrysene	3.43E+01	(4)	---	---	---	---	---	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	---	---	---	---
Dibenzofuran	-	-	---	---	---	---	---	---
Diethyl phthalate	1.48E+04	(4)	---	---	---	---	---	---
Dimethyl phthalate	-	-	---	---	---	---	---	---
Di-n-butyl phthalate	8.85E+02	(4)	---	---	---	---	---	---
Di-n-octyl phthalate	-	-	---	---	---	---	---	---
Fluoranthene	8.02E+02	(4)	---	---	---	---	---	---
Fluorene	2.88E+02	(4)	---	---	---	---	---	---
Hexachlorobenzene	1.00E+00	(2)	---	---	---	---	---	---
Hexachlorobutadiene	8.60E-01	(1)	---	---	---	---	---	---
Hexachlorocyclopentadiene	5.00E+01	(2)	---	---	---	---	---	---
Hexachloroethane	6.80E+00	(4)	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	---	---	---	---	---
Isophorone	7.79E+02	(4)	---	---	---	---	---	---
Naphthalene	1.65E+00	(4)	---	---	---	---	---	---
Nitrobenzene	1.40E+00	(4)	---	---	---	---	---	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	---	---	---	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	---	---	---	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	---	---	---	---
Pentachlorophenol	1.00E+00	(2)	---	---	---	---	---	---
Phenanthrene	1.70E+02	(4)	---	---	---	---	---	---
Phenol	5.00E+00	(3)	---	---	---	---	---	---
Pyrene	1.17E+02	(4)	---	---	---	---	---	---
Pyridine	3.70E+01	(1)	---	---	---	---	---	---
General Chemistry (mg/l):								
Fluoride	1.6	(3)	**0.26**	**0.27**	**0.26**	0.32	< 0.10	---
Chloride	250	(3)	**33**	**48**	**110**	**44**	**230**	---
Nitrite	1	(2)	< 0.10	**0.34**	< 0.10	< 0.10	< 2.0	---
Bromide	-	-	**0.34**	< 0.10	**0.64**	**0.28**	< 0.10	---
Nitrate	10	(3)	**0.5**	**0.48**	**7.2**	**0.59**	**1**	---
Phosphorus	-	-	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	---
Sulfate	600	(3)	**160**	**210**	**290**	**160**	**36**	---
Carbon Dioxide (CO_2)	-	-	**230**	**260**	**240**	**230**	**1400**	---
Alkalinity ($CaCO_3$)	-	-	**250.8**	**280**	**260**	**250**	**1493**	---
Bicarbonate ($CaCO_3$)	-	-	**250.8**	**280**	**260**	**250**	**1493**	---

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			MW-29						
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15	
Total Metals (mg/l):									
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	---	
Barium	2.0	(2)	**0.041**	**0.026**	**0.14**	**0.070**	**1.1**	---	
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	---	
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	<0.006	< 0.0060	---	
Lead	0.015	(2)	< 0.0050	< 0.0050	**0.0037**	<0.005	< 0.0050	---	
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	<0.05	< 0.050	---	
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.025	<0.005	< 0.0050	---	
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	<0.0002	< 0.00020	---	
Dissolved Metals (mg/l):									
Arsenic	0.1	(3)	< 0.020	**0.0013**	< 0.0050	**0.0013**	< 0.020	---	
Barium	1.0	(3)	< 0.020	**0.021**	**0.037**	**0.02**	**1**	---	
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.0020	---	
Calcium	-	-	**74**	**83**	**130**	**69**	**160**	---	
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	< 0.006	< 0.0060	---	
Copper	1.0	(3)	< 0.0060	**0.0022**	< 0.0050	<0.006	< 0.0060	---	
Iron	1.0	(3)	< 0.020	< 0.020	< 0.020	<0.02	**1.5**	---	
Lead	0.05	(3)	< 0.0050	< 0.0010	< 0.0010	< 0.001	**0.0074**	---	
Magnesium	-	-	**17**	**19**	**30**	**16**	**52**	---	
Manganese	0.2	(3)	**1.3**	**1.7**	**2.3**	**1.2**	**2.9**	---	
Potassium	-	-	**2.2**	**2.2**	**3.5**	**2.8**	**3.5**	---	
Selenium	0.05	(3)	< 0.050	**0.0025**	< 0.0050	0.0023	< 0.050	---	
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0.005	< 0.0050	---	
Sodium	-	-	**99**	**130**	**130**	**120**	**560**	---	
Uranium	0.03	(3)	< 0.10	**0.0034**	**0.004**	**0.0022**	< 0.10	---	
Zinc	10	(3)	**0.022**	< 0.010	< 0.010	**0.08**	**0.034**	---	
Total Petroleum Hydrocarbons (mg/l):									
Diesel Range Organics	-	-	< 0.20	< 0.20	< 0.20	< 0.20	**7.7**	---	
Gasoline Range Organics	-	-	< 0.050	< 0.050	< 0.050	< 0.050	**120**	---	
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	---	

Notes:

(1) EPA - Regional Screening Levels (April 2009) - EPA Screening Lev

(2) EPA - Regional Screening Levels (April 2009) - MCL

(3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.2.3101

(4) NMED TAP Water Screening Levels - NM Risk Assessment Guidar

-	= No screening level available
*	= Laboratory analyzed for combined Nitrate (As N) + Nitrite
---	= Analyte inadvertently not included in sample analysis.
---	= Analysis not required and/or well contains separate phas
	= Analytical result exceeds the respective screening level.
1	= 6/27/13 modification on FWGWM Plan to remove MW-8 a
**	= Columns hidden when there are 4 or more consecutive y

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			MW-44					
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15
Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1,1-Trichloroethane	6.00E+01	(3)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---
1,1,2-Trichloroethane	5.00E+00	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1-Dichloroethane	2.50E+01	(3)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1-Dichloroethene	5.00E+00	(3)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,1-Dichloropropene	-	-	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2,3-Trichlorobenzene	-	-	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2,3-Trichloropropane	7.47E-03	(4)	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2,4-Trimethylbenzene	1.50E+01	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2-Dichlorobenzene	6.00E+02	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2-Dichloroethane (EDC)	5.00E+00	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,2-Dichloropropane	5.00E+00	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,3-Dichlorobenzene	-	-	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,3-Dichloropropane	7.30E+02	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1,4-Dichlorobenzene	7.50E+01	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
1-Methylnaphthalene	2.30E+00	(1)	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	---
2,2-Dichloropropane	-	-	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---
2-Butanone	5.56E+03	(4)	< 20	< 10	< 10	< 10	< 10	---
2-Chlorotoluene	7.30E+02	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
2-Hexanone	-	-	< 20	< 10	< 10	< 10	< 10	---
2-Methylnaphthalene	1.50E+02	(1)	< 8.0	< 4.0	< 4.0	< 4.0	< 4.0	---
4-Chlorotoluene	2.60E+03	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
4-Isopropyltoluene	-	-	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
4-Methyl-2-pentanone	-	-	< 20	< 10	< 10	< 10	< 10	---
Acetone	1.41E+04	(4)	< 20	< 10	< 10	< 10	< 10	---
Benzene	5.00E+00	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0
Bromobenzene	2.00E+01	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Bromodichloromethane	1.34E+00	(4)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Bromoform	8.50E+00	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Bromomethane	7.54E+00	(4)	< 6.0	< 3.0	< 3.0	< 3.0	< 3.0	---
Carbon disulfide	8.10E+02	(4)	< 20	< 10	< 10	< 10	< 10	---
Carbon Tetrachloride	5.00E+00	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Chlorobenzene	1.00E+02	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Chloroethane	-	-	< 4.0	< 2.0	< 2.0	< 2.0	< 2.0	---
Chloroform	1.00E+02	(3)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Chloromethane	2.03E+01	(4)	< 6.0	< 3.0	< 3.0	< 3.0	< 3.0	---
cis-1,2-DCE	7.00E+01	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
cis-1,3-Dichloropropene	-	-	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Dibromochloromethane	1.68E+00	(4)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Dibromomethane	3.70E+02	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Dichlorodifluoromethane	1.97E+02	(4)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Ethylbenzene	7.00E+02	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0

			MW-44					
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15
Hexachlorobutadiene	8.60E-01	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Isopropylbenzene	4.47E+02	(4)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	< 2.0	**1.0**	**1.2**	**2.0**	< 1.0	<1.0
Methylene Chloride	5.00E+00	(2)	< 6.0	< 3.0	< 3.0	< 3.0	< 3.0	---
Naphthalene	1.65E+00	(4)	< 4.0	< 2.0	< 2.0	< 1.0	< 2.0	---
n-Butylbenzene	-	-	< 6.0	< 3.0	< 3.0	< 1.0	< 3.0	---
n-Propylbenzene	-	-	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	---
sec-Butylbenzene	-	-	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Styrene	1.00E+02	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
tert-Butylbenzene	-	-	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Tetrachloroethene (PCE)	5.00E+00	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Toluene	7.50E+02	(3)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0
trans-1,2-DCE	1.00E+02	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
trans-1,3-Dichloropropene	4.30E-01	(1)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Trichloroethene (TCE)	5.00E+00	(2)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Trichlorofluoromethane	1.14E+03	(4)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Vinyl chloride	1.00E+00	(3)	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	---
Xylenes, Total	6.20E+02	(3)	< 3.0	< 1.5	< 1.5	< 1.5	< 1.5	<1.5
Semi Volatile Organic Compounds (ug/l):								
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	---	---	---	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	---	---	---	---
1,3-Dichlorobenzene	-	-	---	---	---	---	---	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	---	---	---	---
1-Methylnaphthalene	2.30E+00	(1)	---	---	---	---	---	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	---	---	---	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	---	---	---	---
2,4-Dichlorophenol	4.53E+01	(4)	---	---	---	---	---	---
2,4-Dimethylphenol	3.54E+02	(4)	---	---	---	---	---	---
2,4-Dinitrophenol	3.88E+01	(4)	---	---	---	---	---	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	---	---	---	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	---	---	---	---
2-Chloronaphthalene	2.90E+03	(1)	---	---	---	---	---	---
2-Chlorophenol	9.10E+01	(4)	---	---	---	---	---	---
2-Methylnaphthalene	1.50E+02	(1)	---	---	---	---	---	---
2-Methylphenol	1.80E+03	(1)	---	---	---	---	---	---
2-Nitroaniline	1.10E+02	(1)	---	---	---	---	---	---
2-Nitrophenol	-	-	---	---	---	---	---	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	---	---	---	---
3+4-Methylphenol	1.80E+02	(1)	---	---	---	---	---	---
3-Nitroaniline	-	-	---	---	---	---	---	---
4,6-Dinitro-2-methylphenol	-	-	---	---	---	---	---	---
4-Bromophenyl phenyl ether	-	-	---	---	---	---	---	---
4-Chloro-3-methylphenol	-	-	---	---	---	---	---	---
4-Chloroaniline	3.40E-01	(1)	---	---	---	---	---	---
4-Chlorophenyl phenyl ether	-	-	---	---	---	---	---	---
4-Nitroaniline	3.40E+00	(1)	---	---	---	---	---	---
4-Nitrophenol	-	-	---	---	---	---	---	---
Acenaphthene	5.35E+02	(4)	---	---	---	---	---	---
Acenaphthylene	-	-	---	---	---	---	---	---

			MW-44					
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15
Aniline	1.20E+01	(1)	---	---	---	---	---	---
Anthracene	1.72E+03	(4)	---	---	---	---	---	---
Azobenzene	1.20E-01	(1)	---	---	---	---	---	---
Benzo(a)anthracene	3.43E-01	(4)	---	---	---	---	---	---
Benzo(a)pyrene	2.00E-01	(2)	---	---	---	---	---	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	---	---	---	---
Benzo(g,h,i)perylene	-	-	---	---	---	---	---	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	---	---	---	---
Benzoic acid	1.50E+05	(1)	---	---	---	---	---	---
Benzyl alcohol	1.80E+04	(1)	---	---	---	---	---	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	---	---	---	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	---	---	---	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	---	---	---	---
Butyl benzyl phthalate	3.50E+01	(1)	---	---	---	---	---	---
Carbazole	-	-	---	---	---	---	---	---
Chrysene	3.43E+01	(4)	---	---	---	---	---	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	---	---	---	---
Dibenzofuran	-	-	---	---	---	---	---	---
Diethyl phthalate	1.48E+04	(4)	---	---	---	---	---	---
Dimethyl phthalate	-	-	---	---	---	---	---	---
Di-n-butyl phthalate	8.85E+02	(4)	---	---	---	---	---	---
Di-n-octyl phthalate	-	-	---	---	---	---	---	---
Fluoranthene	8.02E+02	(4)	---	---	---	---	---	---
Fluorene	2.88E+02	(4)	---	---	---	---	---	---
Hexachlorobenzene	1.00E+00	(2)	---	---	---	---	---	---
Hexachlorobutadiene	8.60E-01	(1)	---	---	---	---	---	---
Hexachlorocyclopentadiene	5.00E+01	(2)	---	---	---	---	---	---
Hexachloroethane	6.80E+00	(4)	---	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	---	---	---	---	---
Isophorone	7.79E+02	(4)	---	---	---	---	---	---
Naphthalene	1.65E+00	(4)	---	---	---	---	---	---
Nitrobenzene	1.40E+00	(4)	---	---	---	---	---	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	---	---	---	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	---	---	---	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	---	---	---	---
Pentachlorophenol	1.00E+00	(2)	---	---	---	---	---	---
Phenanthrene	1.70E+02	(4)	---	---	---	---	---	---
Phenol	5.00E+00	(3)	---	---	---	---	---	---
Pyrene	1.17E+02	(4)	---	---	---	---	---	---
Pyridine	3.70E+01	(1)	---	---	---	---	---	---
General Chemistry (mg/l):								
Fluoride	1.6	(3)	< 0.10	**0.26**	**0.35**	**0.16**	**0.44**	---
Chloride	250	(3)	**55**	**48**	**59**	**68**	**560**	---
Nitrite	1	(2)	< 0.10	< 0.10	< 0.10	<1.0	< 2.0	---
Bromide	-	-	**0.47**	**0.20**	**0.22**	**0.22**	**2.2**	---
Nitrate	10	(3)	**0.13**	< 0.10	**0.23**	< 0.1	**19**	---
Phosphorus	-	-	< 10	< 10	< 10	< 10	< 10	---
Sulfate	600	(3)	**3000**	**3200**	**2800**	**3000**	**1100**	---
Carbon Dioxide (CO_2)	-	-	**340**	**330**	**350**	**360**	**200**	---
Alkalinity ($CaCO_3$)	-	-	**377.6**	**360**	**380**	**380**	**207.5**	---
Bicarbonate ($CaCO_3$)	-	-	**377.6**	**360**	**380**	**380**	**207.5**	---

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			MW-44					
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Apr-15
Total Metals (mg/l):								
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020	< 0.02	< 0.020	---
Barium	2.0	(2)	**0.19**	**0.012**	**0.32**	**0.22**	**0.099**	---
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.0020	---
Chromium	0.05	(3)	**0.029**	< 0.0060	**0.046**	**0.037**	< 0.0060	---
Lead	0.015	(2)	**0.0053**	< 0.0050	**0.023**	**0.010**	< 0.0050	---
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	< 0.05	**0.069**	---
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.025	< 0.005	< 0.0050	---
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	< 0.0002	< 0.00020	---
Dissolved Metals (mg/l):								
Arsenic	0.1	(3)	< 0.020	< 0.0010	< 0.020	< 0.001	< 0.020	---
Barium	1.0	(3)	< 0.020	**0.0094**	**0.014**	**0.015**	< 0.020	---
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	< 0.002	< 0.0020	---
Calcium	-	-	**470**	**460**	**470**	**490**	**320**	---
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	< 0.006	< 0.0060	---
Copper	1.0	(3)	< 0.0060	< 0.020	**0.034**	< 0.006	< 0.0060	---
Iron	1.0	(3)	**0.036**	< 0.020	**0.37**	**0.35**	**2.2**	---
Lead	0.05	(3)	< 0.0050	< 0.0010	< 0.0010	< 0.001	< 0.0050	---
Magnesium	-	-	**59**	**65**	**56**	**58**	**77**	---
Manganese	0.2	(3)	**0.99**	**0.47**	**0.82**	**0.91**	**3.9**	---
Potassium	-	-	**7.9**	**7.3**	**8.6**	**8.8**	**4.7**	---
Selenium	0.05	(3)	< 0.050	**0.0012**	< 0.020	**0.0022**	**0.09**	---
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0.005	< 0.0050	---
Sodium	-	-	**960**	**900**	**910**	**950**	**560**	---
Uranium	0.03	(3)	< 0.10	**0.0013**	**0.0019**	**0.0015**	< 0.10	---
Zinc	10	(3)	< 0.020	< 0.010	< 0.010	**0.22**	**0.066**	---
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	< 0.20	< 0.20	**0.26**	**0.46**	< 0.20	---
Gasoline Range Organics	-	-	< 0.050	< 0.050	< 0.050	< 0.05	< 0.050	---
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	---

(1) EPA - Regional Screening Levels (April 2009) - EPA Screening Leve
(2) EPA - Regional Screening Levels (April 2009) - MCL
(3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.2.3101
(4) NMED TAP Water Screening Levels - NM Risk Assessment Guidan

-	= No screening level available
*	= Laboratory analyzed for combined Nitrate (As N) + Nitrite
---	= Analyte inadvertently not included in sample analysis.
---	= Analysis not required and/or well contains separate phas
	= Analytical result exceeds the respective screening level.
1	= 6/27/13 modification on FWGWM Plan to remove MW-8
**	= Columns hidden when there are 4 or more consecutive y

			Aug-15	Apr-15	Aug-14	Apr-14
Volatile Organic Compounds (ug/L)						
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 1.0	---	< 1.0	---
1,1,1-Trichloroethane	6.00E+01	(3)	< 1.0	---	< 1.0	---
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 2.0	---	< 2.0	---
1,1,2-Trichloroethane	5.00E+00	(2)	< 1.0	---	< 1.0	---
1,1-Dichloroethane	2.50E+01	(3)	< 1.0	---	< 1.0	---
1,1-Dichloroethene	5.00E+00	(3)	< 1.0	---	< 1.0	---
1,1-Dichloropropene	-	-	< 1.0	---	< 1.0	---
1,2,3-Trichlorobenzene	-	-	< 1.0	---	< 1.0	---
1,2,3-Trichloropropane	7.47E-03	(4)	< 2.0	---	< 2.0	---
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 1.0	---	< 1.0	---
1,2,4-Trimethylbenzene	1.50E+01	(1)	< 1.0	---	< 1.0	---
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 2.0	---	< 2.0	---
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 1.0	---	< 1.0	---
1,2-Dichlorobenzene	6.00E+02	(2)	< 1.0	---	< 1.0	---
1,2-Dichloroethane (EDC)	5.00E+00	(2)	< 1.0	---	< 1.0	---
1,2-Dichloropropane	5.00E+00	(2)	< 1.0	---	< 1.0	---
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 1.0	---	< 1.0	---
1,3-Dichlorobenzene	-	-	< 1.0	---	< 1.0	---
1,3-Dichloropropane	7.30E+02	(1)	< 1.0	---	< 1.0	---
1,4-Dichlorobenzene	7.50E+01	(2)	< 1.0	---	< 1.0	---
1-Methylnaphthalene	2.30E+00	(1)	< 4.0	---	< 4.0	---
2,2-Dichloropropane	-	-	< 2.0	---	< 2.0	---
2-Butanone	5.56E+03	(4)	< 10	---	< 10	---
2-Chlorotoluene	7.30E+02	(1)	< 1.0	---	< 1.0	---
2-Hexanone	-	-	< 10	---	< 10	---
2-Methylnaphthalene	1.50E+02	(1)	< 4.0	---	< 4.0	---
4-Chlorotoluene	2.60E+03	(1)	< 1.0	---	< 1.0	---
4-Isopropyltoluene	-	-	< 1.0	---	< 1.0	---
4-Methyl-2-pentanone	-	-	< 10	---	< 10	---
Acetone	1.41E+04	(4)	< 10	---	< 10	---
Benzene	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	2.00E+01	(1)	< 1.0	---	< 1.0	---
Bromodichloromethane	1.34E+00	(4)	< 1.0	---	< 1.0	---
Bromoform	8.50E+00	(1)	< 1.0	---	< 1.0	---
Bromomethane	7.54E+00	(4)	< 3.0	---	< 3.0	---
Carbon disulfide	8.10E+02	(4)	< 10	---	< 10	---
Carbon Tetrachloride	5.00E+00	(2)	< 1.0	---	< 1.0	---
Chlorobenzene	1.00E+02	(2)	< 1.0	---	< 1.0	---
Chloroethane	-	-	< 2.0	---	< 2.0	---
Chloroform	1.00E+02	(3)	< 1.0	---	< 1.0	---
Chloromethane	2.03E+01	(4)	< 3.0	---	< 3.0	---
cis-1,2-DCE	7.00E+01	(2)	< 1.0	---	< 1.0	---
cis-1,3-Dichloropropene	-	-	< 1.0	---	< 1.0	---
Dibromochloromethane	1.68E+00	(4)	< 1.0	---	< 1.0	---
Dibromomethane	3.70E+02	(1)	< 1.0	---	< 1.0	---
Dichlorodifluoromethane	1.97E+02	(4)	< 1.0	---	< 1.0	---
Ethylbenzene	7.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	8.60E-01	(1)	< 1.0	---	< 1.0	---
Isopropylbenzene	4.47E+02	(4)	< 1.0	---	< 1.0	---
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	< 1.0	< 1.0	< 1.0	< 1.0
Methylene Chloride	5.00E+00	(2)	< 3.0	---	< 3.0	---
Naphthalene	1.65E+00	(4)	< 2.0	---	< 2.0	---

			M			
			Aug-15	Apr-15	Aug-14	Apr-14
Semi Volatile Organic Compounds (ug/l):						
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	---	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	---	---
1,3-Dichlorobenzene	-	-	---	---	---	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	---	---
1-Methylnaphthalene	2.30E+00	(1)	---	---	---	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	---	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	---	---
2,4-Dichlorophenol	4.53E+01	(4)	---	---	---	---
2,4-Dimethylphenol	3.54E+02	(4)	---	---	---	---
2,4-Dinitrophenol	3.88E+01	(4)	---	---	---	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	---	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	---	---
2-Chloronaphthalene	2.90E+03	(1)	---	---	---	---
2-Chlorophenol	9.10E+01	(4)	---	---	---	---
2-Methylnaphthalene	1.50E+02	(1)	---	---	---	---
2-Methylphenol	1.80E+03	(1)	---	---	---	---
2-Nitroaniline	1.10E+02	(1)	---	---	---	---
2-Nitrophenol	-	-	---	---	---	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	---	---
3+4-Methylphenol	1.80E+02	(1)	---	---	---	---
3-Nitroaniline	-	-	---	---	---	---
4,6-Dinitro-2-methylphenol	-	-	---	---	---	---
4-Bromophenyl phenyl ether	-	-	---	---	---	---
4-Chloro-3-methylphenol	-	-	---	---	---	---
4-Chloroaniline	3.40E-01	(1)	---	---	---	---
4-Chlorophenyl phenyl ether	-	-	---	---	---	---
4-Nitroaniline	3.40E+00	(1)	---	---	---	---
4-Nitrophenol	-	-	---	---	---	---
Acenaphthene	5.35E+02	(4)	---	---	---	---
Acenaphthylene	-	-	---	---	---	---
Aniline	1.20E+01	(1)	---	---	---	---
Anthracene	1.72E+03	(4)	---	---	---	---
Azobenzene	1.20E-01	(1)	---	---	---	---
Benzo(a)anthracene	3.43E-01	(4)	---	---	---	---
Benzo(a)pyrene	2.00E-01	(2)	---	---	---	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	---	---
Benzo(g,h,i)perylene	-	-	---	---	---	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	---	---
Benzoic acid	1.50E+05	(1)	---	---	---	---
Benzyl alcohol	1.80E+04	(1)	---	---	---	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	---	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	---	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	---	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	---	---
Butyl benzyl phthalate	3.50E+01	(1)	---	---	---	---
Carbazole	-	-	---	---	---	---
Chrysene	3.43E+01	(4)	---	---	---	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	---	---
Dibenzofuran	-	-	---	---	---	---
Diethyl phthalate	1.48E+04	(4)	---	---	---	---
Dimethyl phthalate	-	-	---	---	---	---
Di-n-butyl phthalate	8.85E+02	(4)	---	---	---	---

			Aug-15	Apr-15	Aug-14	Apr-14
Naphthalene	1.65E+00	(4)	---	---	---	---
Nitrobenzene	1.40E+00	(4)	---	---	---	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	---	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	---	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	---	---
Pentachlorophenol	1.00E+00	(2)	---	---	---	---
Phenanthrene	1.70E+02	(4)	---	---	---	---
Phenol	5.00E+00	(3)	---	---	---	---
Pyrene	1.17E+02	(4)	---	---	---	---
Pyridine	3.70E+01	(1)	---	---	---	---
General Chemistry (mg/l):						
Fluoride	1.6	(3)	**0.51**	---	**0.49**	---
Chloride	250	(3)	**11**	---	**14**	---
Nitrite	1	(2)	< 0.10	---	< 0.10	---
Bromide	-	-	< 0.10	---	**0.12**	---
Nitrate	10	(3)	**0.54**	---	**0.43**	---
Phosphorus	-	-	< 0.50	---	< 0.50	---
Sulfate	600	(3)	**110**	---	**110**	---
Carbon Dioxide (CO_2)	-	-	**230**	---	**270**	---
Alkalinity ($CaCO_3$)	-	-	**246.5**	---	**300**	---
Bicarbonate ($CaCO_3$)	-	-	**246.5**	---	**300**	---
Total Metals (mg/l):						
Arsenic	0.01	(2)	< 0.020	---	< 0.020	---
Barium	2	(2)	**0.031**	---	**0.072**	---
Cadmium	0.005	(2)	< 0.0020	---	< 0.0020	---
Chromium	0.05	(3)	< 0.0060	---	< 0.0060	---
Lead	0.015	(2)	< 0.0050	---	< 0.0050	---
Selenium	0.05	(2)	< 0.050	---	< 0.050	---
Silver	0.05	(3)	< 0.0050	---	< 0.0050	---
Mercury	0.002	(3)	< 0.00020	---	< 0.00020	---
Dissolved Metals (mg/l):						
Arsenic	0.1	(3)	< 0.020	---	**0.0011**	---
Barium	1	(3)	**0.031**	---	**0.027**	---
Cadmium	0.01	(3)	< 0.0020	---	< 0.0020	---
Calcium	-	-	**77**	---	**71**	---
Chromium	0.05	(3)	< 0.0060	---	< 0.0060	---
Copper	1	(3)	< 0.0060	---	< 0.0060	---
Iron	1	(3)	< 0.020	---	**0.053**	---
Lead	0.05	(3)	< 0.0050	---	< 0.0010	---
Magnesium	-	-	**17**	---	**16**	---
Manganese	0.2	(3)	**0.037**	---	**0.11**	---
Potassium	-	-	**2.2**	---	**2.7**	---
Selenium	0.05	(3)	< 0.050	---	**0.0015**	---
Silver	0.05	(3)	< 0.0050	---	< 0.0050	---
Sodium	-	-	**68**	---	**81**	---
Uranium	0.03	(3)	< 0.10	---	**0.0027**	---
Zinc	10	(3)	**0.027**	---	< 0.010	---
Total Petroleum Hydrocarbons (mg/l):						
Diesel Range Organics	-	-	< 0.20	< 0.20	< 0.20	< 0.20
Gasoline Range Organics	-	-	< 0.050	< 0.050	< 0.050	< 0.050
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2.5

Notes:

(1) EPA - Regional Screening Levels (April

			MW-27			
			Aug-15	Aug-14	Aug-13	Aug-12
Volatile Organic Compounds (ug/L)						
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 2.0	< 2.0	< 1.0	< 1.0
1,1,1-Trichloroethane	6.00E+01	(3)	< 2.0	< 2.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 4.0	< 4.0	< 2.0	< 2.0
1,1,2-Trichloroethane	5.00E+00	(2)	< 2.0	< 2.0	< 1.0	< 1.0
1,1-Dichloroethane	2.50E+01	(3)	< 2.0	< 2.0	< 1.0	< 1.0
1,1-Dichloroethene	5.00E+00	(3)	< 2.0	< 2.0	< 1.0	< 1.0
1,1-Dichloropropene	-	-	< 2.0	< 2.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	-	-	< 2.0	< 2.0	< 1.0	< 1.0
1,2,3-Trichloropropane	7.47E-03	(4)	< 4.0	< 4.0	< 2.0	< 2.0
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 2.0	< 2.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	1.50E+01	(1)	< 2.0	< 2.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 4.0	< 4.0	< 2.0	< 2.0
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 2.0	< 2.0	< 1.0	< 1.0
1,2-Dichlorobenzene	6.00E+02	(2)	< 2.0	< 2.0	< 1.0	< 1.0
1,2-Dichloroethane (EDC)	5.00E+00	(2)	< 2.0	< 2.0	< 1.0	< 1.0
1,2-Dichloropropane	5.00E+00	(2)	< 2.0	< 2.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 2.0	< 2.0	< 1.0	< 1.0
1,3-Dichlorobenzene	-	-	< 2.0	< 2.0	< 1.0	< 1.0
1,3-Dichloropropane	7.30E+02	(1)	< 2.0	< 2.0	< 1.0	< 1.0
1,4-Dichlorobenzene	7.50E+01	(2)	< 2.0	< 2.0	< 1.0	< 1.0
1-Methylnaphthalene	2.30E+00	(1)	< 8.0	< 8.0	< 4.0	< 4.0
2,2-Dichloropropane	-	-	< 4.0	< 4.0	< 2.0	< 2.0
2-Butanone	5.56E+03	(4)	< 20	< 20	< 10	< 10
2-Chlorotoluene	7.30E+02	(1)	< 2.0	< 2.0	< 1.0	< 1.0
2-Hexanone	-	-	< 20	< 20	< 10	< 10
2-Methylnaphthalene	1.50E+02	(1)	< 8.0	< 8.0	< 4.0	< 4.0
4-Chlorotoluene	2.60E+03	(1)	< 2.0	< 2.0	< 1.0	< 1.0
4-Isopropyltoluene	-	-	< 2.0	< 2.0	< 1.0	< 1.0
4-Methyl-2-pentanone	-	-	< 20	< 20	< 10	< 10
Acetone	1.41E+04	(4)	< 20	< 20	< 10	< 10
Benzene	5.00E+00	(2)	< 2.0	< 2.0	< 1.0	< 1.0
Bromobenzene	2.00E+01	(1)	< 2.0	< 2.0	< 1.0	< 1.0
Bromodichloromethane	1.34E+00	(4)	< 2.0	< 2.0	< 1.0	< 1.0
Bromoform	8.50E+00	(1)	< 2.0	< 2.0	< 1.0	< 1.0
Bromomethane	7.54E+00	(4)	< 6.0	< 6.0	< 3.0	< 3.0
Carbon disulfide	8.10E+02	(4)	< 20	< 20	< 10	< 10
Carbon Tetrachloride	5.00E+00	(2)	< 2.0	< 2.0	< 1.0	< 1.0
Chlorobenzene	1.00E+02	(2)	< 2.0	< 2.0	< 1.0	< 1.0
Chloroethane	-	-	< 4.0	< 4.0	< 2.0	< 2.0
Chloroform	1.00E+02	(3)	< 2.0	< 2.0	< 1.0	< 1.0
Chloromethane	2.03E+01	(4)	< 6.0	< 6.0	< 3.0	< 3.0
cis-1,2-DCE	7.00E+01	(2)	< 2.0	< 2.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	-	-	< 2.0	< 2.0	< 1.0	< 1.0
Dibromochloromethane	1.68E+00	(4)	< 2.0	< 2.0	< 1.0	< 1.0
Dibromomethane	3.70E+02	(1)	< 2.0	< 2.0	< 1.0	< 1.0
Dichlorodifluoromethane	1.97E+02	(4)	< 2.0	< 2.0	< 1.0	< 1.0
Ethylbenzene	7.00E+02	(2)	< 2.0	< 2.0	< 1.0	< 1.0
Hexachlorobutadiene	8.60E-01	(1)	< 2.0	< 2.0	< 1.0	< 1.0
Isopropylbenzene	4.47E+02	(4)	< 2.0	< 2.0	< 1.0	< 1.0
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	< 2.0	< 2.0	< 1.0	< 1.0
Methylene Chloride	5.00E+00	(2)	< 6.0	< 6.0	< 3.0	< 3.0
Naphthalene	1.65E+00	(4)	< 4.0	< 4.0	< 2.0	< 3.0

			MW-27			
			Aug-15	Aug-14	Aug-13	Aug-12
Semi Volatile Organic Compounds (ug/l):						
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	---	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	---	---
1,3-Dichlorobenzene	-	-	---	---	---	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	---	---
1-Methylnaphthalene	2.30E+00	(1)	---	---	---	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	---	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	---	---
2,4-Dichlorophenol	4.53E+01	(4)	---	---	---	---
2,4-Dimethylphenol	3.54E+02	(4)	---	---	---	---
2,4-Dinitrophenol	3.88E+01	(4)	---	---	---	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	---	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	---	---
2-Chloronaphthalene	2.90E+03	(1)	---	---	---	---
2-Chlorophenol	9.10E+01	(4)	---	---	---	---
2-Methylnaphthalene	1.50E+02	(1)	---	---	---	---
2-Methylphenol	1.80E+03	(1)	---	---	---	---
2-Nitroaniline	1.10E+02	(1)	---	---	---	---
2-Nitrophenol	-	-	---	---	---	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	---	---
3+4-Methylphenol	1.80E+02	(1)	---	---	---	---
3-Nitroaniline	-	-	---	---	---	---
4,6-Dinitro-2-methylphenol	-	-	---	---	---	---
4-Bromophenyl phenyl ether	-	-	---	---	---	---
4-Chloro-3-methylphenol	-	-	---	---	---	---
4-Chloroaniline	3.40E-01	(1)	---	---	---	---
4-Chlorophenyl phenyl ether	-	-	---	---	---	---
4-Nitroaniline	3.40E+00	(1)	---	---	---	---
4-Nitrophenol	-	-	---	---	---	---
Acenaphthene	5.35E+02	(4)	---	---	---	---
Acenaphthylene	-	-	---	---	---	---
Aniline	1.20E+01	(1)	---	---	---	---
Anthracene	1.72E+03	(4)	---	---	---	---
Azobenzene	1.20E-01	(1)	---	---	---	---
Benzo(a)anthracene	3.43E-01	(4)	---	---	---	---
Benzo(a)pyrene	2.00E-01	(2)	---	---	---	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	---	---
Benzo(g,h,i)perylene	-	-	---	---	---	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	---	---
Benzoic acid	1.50E+05	(1)	---	---	---	---
Benzyl alcohol	1.80E+04	(1)	---	---	---	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	---	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	---	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	---	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	---	---
Butyl benzyl phthalate	3.50E+01	(1)	---	---	---	---
Carbazole	-	-	---	---	---	---
Chrysene	3.43E+01	(4)	---	---	---	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	---	---
Dibenzofuran	-	-	---	---	---	---
Diethyl phthalate	1.48E+04	(4)	---	---	---	---
Dimethyl phthalate	-	-	---	---	---	---
Di-n-butyl phthalate	8.85E+02	(4)	---	---	---	---

			MW-27			
			Aug-15	Aug-14	Aug-13	Aug-12
Naphthalene	1.65E+00	(4)	---	---	---	---
Nitrobenzene	1.40E+00	(4)	---	---	---	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	---	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	---	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	---	---
Pentachlorophenol	1.00E+00	(2)	---	---	---	---
Phenanthrene	1.70E+02	(4)	---	---	---	---
Phenol	5.00E+00	(3)	---	---	---	---
Pyrene	1.17E+02	(4)	---	---	---	---
Pyridine	3.70E+01	(1)	---	---	---	---
General Chemistry (mg/l):						
Fluoride	1.6	(3)	< 0.50	**0.19**	**0.16**	**0.14**
Chloride	250	(3)	**450**	**690**	**590**	**480**
Nitrite	1	(2)	< 0.50	< 2.0	< 2.0	< 2.0
Bromide	-	-	**4.4**	**6.2**	**5.6**	**4.3**
Nitrate	10	(3)	< 0.50	< 0.10	< 0.10	< 0.10
Phosphorus	-	-	< 2.5	< 10	< 10	< 10
Sulfate	600	(3)	**2200**	**3100**	**3200**	**1800**
Carbon Dioxide (CO_2)	-	-	**490**	**230**	**190**	**280**
Alkalinity ($CaCO_3$)	-	-	**527.8**	**220**	**200**	**310**
Bicarbonate ($CaCO_3$)	-	-	**527.8**	**220**	**200**	**310**
Total Metals (mg/l):						
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020	<0.02
Barium	2	(2)	**0.068**	**0.058**	**0.072**	**0.091**
Cadmium	0.005	(2)	< 0.0020	< 0.020	< 0.0020	<0.002
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	<0.006
Lead	0.015	(2)	< 0.0050	<0.0050	< 0.0050	<0.005
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	<0.05
Silver	0.05	(3)	< 0.0050	<0.0050	< 0.0050	<0.005
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	<0.0002
Dissolved Metals (mg/l):						
Arsenic	0.1	(3)	< 0.020	**0.016**	**0.0038**	**0.0030**
Barium	1	(3)	**0.054**	**0.053**	**0.057**	**0.045**
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	<0.0020
Calcium	-	-	**590**	**700**	**820**	**470**
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	<0.006
Copper	1	(3)	< 0.0060	< 0.0060	< 0.020	<0.006
Iron	1	(3)	**0.13**	**0.36**	**0.19**	**0.35**
Lead	0.05	(3)	< 0.0050	< 0.010	< 0.0010	<0.0050
Magnesium	-	-	**93**	**110**	**110**	**68**
Manganese	0.2	(3)	**6**	**0.80**	**1.3**	**0.95**
Potassium	-	-	**5.8**	**3.3**	**0.015**	**3.4**
Selenium	0.05	(3)	< 0.050	**0.054**	**1.2**	<0.020
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	<0.005
Sodium	-	-	**730**	**910**	**900**	**630**
Uranium	0.03	(3)	< 0.10	<0.010	**0.0051**	**0.0021**
Zinc	10	(3)	< 0.020	< 0.010	**0.01**	**0.11**
Total Petroleum Hydrocarbons (mg/l):						
Diesel Range Organics	-	-	**3.9**	**0.34**	< 0.20	< 0.20
Gasoline Range Organics	-	-	**0.25**	< 0.050	< 0.050	**0.21**
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2.5

Notes:

(1) EPA - Regional Screening Levels (April 20

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			MW-11		
			Aug-15	Aug-14	Aug-13
Volatile Organic Compounds (ug/L)					
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 1.0	< 5.0	< 5.0
1,1,1-Trichloroethane	6.00E+01	(3)	< 1.0	< 5.0	< 5.0
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 2.0	< 10	< 10
1,1,2-Trichloroethane	5.00E+00	(2)	< 1.0	< 5.0	< 5.0
1,1-Dichloroethane	2.50E+01	(3)	< 1.0	< 5.0	< 5.0
1,1-Dichloroethene	5.00E+00	(3)	< 1.0	< 5.0	< 5.0
1,1-Dichloropropene	-	-	< 1.0	< 5.0	< 5.0
1,2,3-Trichlorobenzene	-	-	< 1.0	< 5.0	< 5.0
1,2,3-Trichloropropane	7.47E-03	(4)	< 2.0	< 10	< 10
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 1.0	< 5.0	< 5.0
1,2,4-Trimethylbenzene	1.50E+01	(1)	**390**	**230**	**270**
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 2.0	< 10	< 10
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 1.0	< 5.0	< 5.0
1,2-Dichlorobenzene	6.00E+02	(2)	< 1.0	< 5.0	< 5.0
1,2-Dichloroethane (EDC)	5.00E+00	(2)	< 1.0	< 5.0	< 5.0
1,2-Dichloropropane	5.00E+00	(2)	< 1.0	< 5.0	< 5.0
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 1.0	< 5.0	< 5.0
1,3-Dichlorobenzene	-	-	< 1.0	< 5.0	< 5.0
1,3-Dichloropropane	7.30E+02	(1)	< 1.0	< 5.0	< 5.0
1,4-Dichlorobenzene	7.50E+01	(2)	< 1.0	< 5.0	< 5.0
1-Methylnaphthalene	2.30E+00	(1)	**16**	< 20	< 20
2,2-Dichloropropane	-	-	< 2.0	< 10	< 10
2-Butanone	5.56E+03	(4)	< 10	< 50	< 50
2-Chlorotoluene	7.30E+02	(1)	< 1.0	< 5.0	< 5.0
2-Hexanone	-	-	< 10	< 50	< 50
2-Methylnaphthalene	1.50E+02	(1)	**18**	< 20	< 20
4-Chlorotoluene	2.60E+03	(1)	< 1.0	< 5.0	< 5.0
4-Isopropyltoluene	-	-	**5**	< 5.0	**5.1**
4-Methyl-2-pentanone	-	-	< 10	< 50	< 50
Acetone	1.41E+04	(4)	< 10	< 50	< 50
Benzene	5.00E+00	(2)	**14**	< 5.0	< 5.0
Bromobenzene	2.00E+01	(1)	< 1.0	< 5.0	< 5.0
Bromodichloromethane	1.34E+00	(4)	< 1.0	< 5.0	< 5.0
Bromoform	8.50E+00	(1)	< 1.0	< 5.0	< 5.0
Bromomethane	7.54E+00	(4)	< 3.0	< 15	< 15
Carbon disulfide	8.10E+02	(4)	< 10	< 50	< 50
Carbon Tetrachloride	5.00E+00	(2)	< 1.0	< 5.0	< 5.0
Chlorobenzene	1.00E+02	(2)	< 1.0	< 5.0	< 5.0
Chloroethane	-	-	< 2.0	< 10	< 10
Chloroform	1.00E+02	(3)	< 1.0	< 5.0	< 5.0
Chloromethane	2.03E+01	(4)	< 3.0	< 15	< 15
cis-1,2-DCE	7.00E+01	(2)	< 1.0	< 5.0	< 5.0
cis-1,3-Dichloropropene	-	-	< 1.0	< 5.0	< 5.0
Dibromochloromethane	1.68E+00	(4)	< 1.0	< 5.0	< 5.0
Dibromomethane	3.70E+02	(1)	< 1.0	< 5.0	< 5.0
Dichlorodifluoromethane	1.97E+02	(4)	< 1.0	< 5.0	< 5.0
Ethylbenzene	7.00E+02	(2)	**1**	< 5.0	< 5.0
Hexachlorobutadiene	8.60E-01	(1)	< 1.0	< 5.0	< 5.0
Isopropylbenzene	4.47E+02	(4)	**62**	**48**	**70**

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Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	**2**	< 5.0	**6.2**
Methylene Chloride	5.00E+00	(2)	< 3.0	< 15	< 15
Naphthalene	1.65E+00	(4)	**71**	**59**	**76**
n-Butylbenzene	-	-	< 3.0	< 15	< 15
n-Propylbenzene	-	-	**54**	**62**	**68**
sec-Butylbenzene	-	-	**12**	**12**	**12**
Styrene	1.00E+02	(2)	< 1.0	< 5.0	< 5.0
tert-Butylbenzene	-	-	**2.5**	< 5.0	< 5.0
Tetrachloroethene (PCE)	5.00E+00	(2)	< 1.0	< 5.0	< 5.0
Toluene	7.50E+02	(3)	< 1.0	< 5.0	< 5.0
trans-1,2-DCE	1.00E+02	(2)	< 1.0	< 5.0	< 5.0
trans-1,3-Dichloropropene	4.30E-01	(1)	< 1.0	< 5.0	< 5.0
Trichloroethene (TCE)	5.00E+00	(2)	< 1.0	< 5.0	< 5.0
Trichlorofluoromethane	1.14E+03	(4)	< 1.0	< 5.0	< 5.0
Vinyl chloride	1.00E+00	(3)	< 1.0	< 5.0	< 5.0
Xylenes, Total	6.20E+02	(3)	< 1.5	< 7.5	< 7.5
Semi Volatile Organic Compounds (ug/l):					
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	< 10	< 10
1,2-Dichlorobenzene	6.00E+02	(2)	---	< 10	< 10
1,3-Dichlorobenzene	-	-	---	< 10	< 10
1,4-Dichlorobenzene	7.50E+01	(2)	---	< 10	< 10
1-Methylnaphthalene	2.30E+00	(1)	---	**16**	**21**
2,4,5-Trichlorophenol	1.17E+03	(4)	---	< 10	< 10
2,4,6-Trichlorophenol	1.19E+01	(4)	---	< 10	< 10
2,4-Dichlorophenol	4.53E+01	(4)	---	< 20	< 20
2,4-Dimethylphenol	3.54E+02	(4)	---	< 10	< 10
2,4-Dinitrophenol	3.88E+01	(4)	---	< 20	< 20
2,4-Dinitrotoluene	2.37E+00	(4)	---	< 10	< 10
2,6-Dinitrotoluene	3.70E+01	(1)	---	< 10	< 10
2-Chloronaphthalene	2.90E+03	(1)	---	< 10	< 10
2-Chlorophenol	9.10E+01	(4)	---	< 10	< 10
2-Methylnaphthalene	1.50E+02	(1)	---	< 10	**14**
2-Methylphenol	1.80E+03	(1)	---	< 20	< 10
2-Nitroaniline	1.10E+02	(1)	---	< 10	< 10
2-Nitrophenol	-	-	---	< 10	< 10
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	< 10	< 10
3+4-Methylphenol	1.80E+02	(1)	---	< 10	< 10
3-Nitroaniline	-	-	---	< 10	< 10
4,6-Dinitro-2-methylphenol	-	-	---	< 20	< 20
4-Bromophenyl phenyl ether	-	-	---	< 10	< 10
4-Chloro-3-methylphenol	-	-	---	< 10	< 10
4-Chloroaniline	3.40E-01	(1)	---	< 10	< 10
4-Chlorophenyl phenyl ether	-	-	---	< 10	< 10
4-Nitroaniline	3.40E+00	(1)	---	< 10	< 10
4-Nitrophenol	-	-	---	< 10	< 10
Acenaphthene	5.35E+02	(4)	---	< 10	< 10
Acenaphthylene	-	-	---	< 10	< 10
Aniline	1.20E+01	(1)	---	< 10	< 10
Anthracene	1.72E+03	(4)	---	< 10	< 10

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Azobenzene	1.20E-01	(1)	---	< 10	< 10
Benzo(a)anthracene	3.43E-01	(4)	---	< 10	< 10
Benzo(a)pyrene	2.00E-01	(2)	---	< 10	< 10
Benzo(b)fluoranthene	3.43E-01	(4)	---	< 10	< 10
Benzo(g,h,i)perylene	-	-	---	< 10	< 10
Benzo(k)fluoranthene	3.43E+00	(4)	---	< 10	< 10
Benzoic acid	1.50E+05	(1)	---	< 20	**62**
Benzyl alcohol	1.80E+04	(1)	---	< 10	< 10
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	< 10	< 10
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	< 10	< 10
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	< 10	< 10
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	< 10	< 10
Butyl benzyl phthalate	3.50E+01	(1)	---	< 10	< 10
Carbazole	-	-	---	< 10	< 10
Chrysene	3.43E+01	(4)	---	< 10	< 10
Dibenz(a,h)anthracene	1.06E-01	(4)	---	< 10	< 10
Dibenzofuran	-	-	---	< 10	< 10
Diethyl phthalate	1.48E+04	(4)	---	< 10	< 10
Dimethyl phthalate	-	-	---	< 10	< 10
Di-n-butyl phthalate	8.85E+02	(4)	---	< 10	< 10
Di-n-octyl phthalate	-	-	---	< 10	< 10
Fluoranthene	8.02E+02	(4)	---	< 10	< 10
Fluorene	2.88E+02	(4)	---	< 10	< 10
Hexachlorobenzene	1.00E+00	(2)	---	< 10	< 10
Hexachlorobutadiene	8.60E-01	(1)	---	< 10	< 10
Hexachlorocyclopentadiene	5.00E+01	(2)	---	< 10	< 10
Hexachloroethane	6.80E+00	(4)	---	< 10	< 10
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	< 10	< 10
Isophorone	7.79E+02	(4)	---	< 10	< 10
Naphthalene	1.65E+00	(4)	---	**23**	**54**
Nitrobenzene	1.40E+00	(4)	---	< 10	< 10
N-Nitrosodimethylamine	4.90E-03	(4)	---	< 10	< 10
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	< 10	< 10
N-Nitrosodiphenylamine	1.21E+02	(4)	---	< 10	< 10
Pentachlorophenol	1.00E+00	(2)	---	< 20	< 20
Phenanthrene	1.70E+02	(4)	---	< 10	< 10
Phenol	5.00E+00	(3)	---	< 10	< 10
Pyrene	1.17E+02	(5)	---	< 10	< 10
Pyridine	3.70E+01	(1)	---	< 10	< 10
General Chemistry (mg/l):					
Fluoride	1.6	(3)	**0.35**	**0.62**	**0.84**
Chloride	250	(3)	**78**	**96**	**300**
Nitrite	1.0	(2)	< 0.10	< 0.50	< 0.50
Bromide	-	-	**0.15**	**1.4**	**3.9**
Nitrate	10	(3)	**0.15**	< 0.50	< 0.50
Phosphorus	-	-	< 0.50	< 2.5	< 2.5
Sulfate	600	(3)	**5.7**	**6.3**	**4.6**
Carbon Dioxide (CO_2)	-	-	**1000**	**1100**	**1100**
Alkalinity ($CaCO_3$)	-	-	**1038**	**1000**	**1100**
Bicarbonate ($CaCO_3$)	-	-	**1038**	**1000**	**1100**

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			MW-11		
			Aug-15	Aug-14	Aug-13
Total Metals (mg/l):					
Arsenic	0.01	(2)	**0.035**	< 0.020	< 0.020
Barium	2	(2)	**0.92**	**0.74**	**1.1**
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060
Lead	0.015	(2)	**0.0075**	**0.019**	< 0.025
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.025
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020
Dissolved Metals (mg/l):					
Arsenic	0.1	(3)	< 0.020	< 0.0050	**0.02**
Barium	1	(3)	**0.85**	**0.64**	**1.1**
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020
Calcium	-	-	**96**	**73**	**130**
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060
Copper	1	(3)	< 0.0060	< 0.0060	< 0.020
Iron	1	(3)	**9.6**	**8**	**11**
Lead	0.05	(3)	**0.006**	**0.0019**	**0.0042**
Magnesium	-	-	**22**	**17**	**28**
Manganese	0.2	(3)	**1.5**	**1.2**	**2.3**
Potassium	-	-	**1.5**	**2.4**	**2.4**
Selenium	0.05	(3)	< 0.050	**0.0090**	< 0.020
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.025
Sodium	-	-	**390**	**380**	**440**
Uranium	0.03	(3)	< 0.10	< 0.0010	---
Zinc	10	(3)	< 0.020	< 0.010	< 0.010
Total Petroleum Hydrocarbons (mg/l):					
Diesel Range Organics	-	-	**1.5**	**1.6**	**2.5**
Gasoline Range Organics	-	-	**2.4**	**2.3**	**2.1**
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5

Notes:

(1) EPA - Regional Screening Levels

(2) EPA - Regional Screening Levels

(3) NMED WQCC standards - Title 2

(4) NMED TAP Water Screening Lev

-	= No screening level av
*	= Laboratory analyzed f
---	= Analyte inadvertently
---	= Analysis not required
	= Analytical result exce

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			MW-34		
			Aug-15	Aug-14	Aug-13
Volatile Organic Compounds (ug/L)					
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	6.00E+01	(3)	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 2.0	< 2.0	< 2.0
1,1,2-Trichloroethane	5.00E+00	(2)	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	2.50E+01	(3)	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	5.00E+00	(3)	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	-	-	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	-	-	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	7.47E-03	(4)	< 2.0	< 2.0	< 2.0
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	1.50E+01	(1)	< 1.0	51	< 1.0
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 2.0	< 2.0	< 2.0
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	6.00E+02	(2)	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane (EDC)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	5.00E+00	(2)	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	-	-	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	7.30E+02	(1)	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	7.50E+01	(2)	< 1.0	< 1.0	< 1.0
1-Methylnaphthalene	2.30E+00	(1)	< 4.0	< 4.0	< 4.0
2,2-Dichloropropane	-	-	< 2.0	< 2.0	< 2.0
2-Butanone	5.56E+03	(4)	< 10	< 10	< 10
2-Chlorotoluene	7.30E+02	(1)	< 1.0	< 1.0	< 1.0
2-Hexanone	-	-	< 10	< 10	< 10
2-Methylnaphthalene	1.50E+02	(1)	< 4.0	< 4.0	< 4.0
4-Chlorotoluene	2.60E+03	(1)	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	-	-	< 1.0	3.1	< 1.0
4-Methyl-2-pentanone	-	-	< 10	< 10	< 10
Acetone	1.41E+04	(4)	< 10	< 10	< 10
Benzene	5.00E+00	(2)	< 1.0	< 1.0	< 1.0
Bromobenzene	2.00E+01	(1)	< 1.0	< 1.0	< 1.0
Bromodichloromethane	1.34E+00	(4)	< 1.0	< 1.0	< 1.0
Bromoform	8.50E+00	(1)	< 1.0	< 1.0	< 1.0
Bromomethane	7.54E+00	(4)	< 3.0	< 3.0	< 3.0
Carbon disulfide	8.10E+02	(4)	< 10	< 10	< 10
Carbon Tetrachloride	5.00E+00	(2)	< 1.0	< 1.0	< 1.0
Chlorobenzene	1.00E+02	(2)	< 1.0	< 1.0	< 1.0
Chloroethane	-	-	< 2.0	< 2.0	< 2.0
Chloroform	1.00E+02	(3)	< 1.0	< 1.0	< 1.0
Chloromethane	2.03E+01	(4)	< 3.0	< 3.0	< 3.0
cis-1,2-DCE	7.00E+01	(2)	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	-	-	< 1.0	< 1.0	< 1.0
Dibromochloromethane	1.68E+00	(4)	< 1.0	< 1.0	< 1.0
Dibromomethane	3.70E+02	(1)	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	1.97E+02	(4)	< 1.0	< 1.0	< 1.0
Ethylbenzene	7.00E+02	(2)	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	8.60E-01	(1)	< 1.0	< 1.0	< 1.0
Isopropylbenzene	4.47E+02	(4)	4.6	13	2.5

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			MW-34		
			Aug-15	Aug-14	Aug-13
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	< 1.0	< 1.0	**1.3**
Methylene Chloride	5.00E+00	(2)	< 3.0	< 3.0	< 3.0
Naphthalene	1.65E+00	(4)	< 2.0	**4.2**	< 2.0
n-Butylbenzene	-	-	< 3.0	< 3.0	< 3.0
n-Propylbenzene	-	-	**2.8**	<10	**1.4**
sec-Butylbenzene	-	-	**4.5**	**6.7**	**1.6**
Styrene	1.00E+02	(2)	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	-	-	**1.7**	**2.5**	**2.0**
Tetrachloroethene (PCE)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0
Toluene	7.50E+02	(3)	< 1.0	< 1.0	< 1.0
trans-1,2-DCE	1.00E+02	(2)	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	4.30E-01	(1)	< 1.0	< 1.0	< 1.0
Trichloroethene (TCE)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	1.14E+03	(4)	< 1.0	< 1.0	< 1.0
Vinyl chloride	1.00E+00	(3)	< 1.0	< 1.0	< 1.0
Xylenes, Total	6.20E+02	(3)	< 1.5	< 1.5	< 1.5
Semi Volatile Organic Compounds (ug/l):					
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	---
1,3-Dichlorobenzene	-	-	---	---	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	---
1-Methylnaphthalene	2.30E+00	(1)	---	---	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	---
2,4-Dichlorophenol	4.53E+01	(4)	---	---	---
2,4-Dimethylphenol	3.54E+02	(4)	---	---	---
2,4-Dinitrophenol	3.88E+01	(4)	---	---	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	---
2-Chloronaphthalene	2.90E+03	(1)	---	---	---
2-Chlorophenol	9.10E+01	(4)	---	---	---
2-Methylnaphthalene	1.50E+02	(1)	---	---	---
2-Methylphenol	1.80E+03	(1)	---	---	---
2-Nitroaniline	1.10E+02	(1)	---	---	---
2-Nitrophenol	-	-	---	---	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	---
3+4-Methylphenol	1.80E+02	(1)	---	---	---
3-Nitroaniline	-	-	---	---	---
4,6-Dinitro-2-methylphenol	-	-	---	---	---
4-Bromophenyl phenyl ether	-	-	---	---	---
4-Chloro-3-methylphenol	-	-	---	---	---
4-Chloroaniline	3.40E-01	(1)	---	---	---
4-Chlorophenyl phenyl ether	-	-	---	---	---
4-Nitroaniline	3.40E+00	(1)	---	---	---
4-Nitrophenol	-	-	---	---	---
Acenaphthene	5.35E+02	(4)	---	---	---
Acenaphthylene	-	-	---	---	---
Aniline	1.20E+01	(1)	---	---	---
Anthracene	1.72E+03	(4)	---	---	---

			MW-34		
			Aug-15	Aug-14	Aug-13
Azobenzene	1.20E-01	(1)	---	---	---
Benzo(a)anthracene	3.43E-01	(4)	---	---	---
Benzo(a)pyrene	2.00E-01	(2)	---	---	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	---
Benzo(g,h,i)perylene	-	-	---	---	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	---
Benzoic acid	1.50E+05	(1)	---	---	---
Benzyl alcohol	1.80E+04	(1)	---	---	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	---
Butyl benzyl phthalate	3.50E+01	(1)	---	---	---
Carbazole	-	-	---	---	---
Chrysene	3.43E+01	(4)	---	---	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	---
Dibenzofuran	-	-	---	---	---
Diethyl phthalate	1.48E+04	(4)	---	---	---
Dimethyl phthalate	-	-	---	---	---
Di-n-butyl phthalate	8.85E+02	(4)	---	---	---
Di-n-octyl phthalate	-	-	---	---	---
Fluoranthene	8.02E+02	(4)	---	---	---
Fluorene	2.88E+02	(4)	---	---	---
Hexachlorobenzene	1.00E+00	(2)	---	---	---
Hexachlorobutadiene	8.60E-01	(1)	---	---	---
Hexachlorocyclopentadiene	5.00E+01	(2)	---	---	---
Hexachloroethane	6.80E+00	(4)	---	---	---
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	---	---
Isophorone	7.79E+02	(4)	---	---	---
Naphthalene	1.65E+00	(4)	---	---	---
Nitrobenzene	1.40E+00	(4)	---	---	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	---
Pentachlorophenol	1.00E+00	(2)	---	---	---
Phenanthrene	1.70E+02	(4)	---	---	---
Phenol	5.00E+00	(3)	---	---	---
Pyrene	1.17E+02	(5)	---	---	---
Pyridine	3.70E+01	(1)	---	---	---
General Chemistry (mg/l):					
Fluoride	1.6	(3)	**0.56**	**0.70**	**1.1**
Chloride	250	(3)	**190**	**180**	**230**
Nitrite	1.0	(2)	< 0.10	< 0.50	< 0.50
Bromide	-	-	**0.7**	**2.3**	**2.9**
Nitrate	10	(3)	**0.27**	< 0.50	< 0.50
Phosphorus	-	-	< 0.50	< 2.5	< 2.5
Sulfate	600	(3)	**23**	**14**	**9.1**
Carbon Dioxide (CO_2)	-	-	**820**	**870**	**950**
Alkalinity ($CaCO_3$)	-	-	**876**	**900**	**1000**
Bicarbonate ($CaCO_3$)	-	-	**876**	**900**	**1000**

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			MW-34		
			Aug-15	Aug-14	Aug-13
Total Metals (mg/l):					
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020
Barium	2	(2)	**0.78**	**0.39**	**0.79**
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060
Lead	0.015	(2)	< 0.0050	**0.0076**	< 0.025
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.025
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020
Dissolved Metals (mg/l):					
Arsenic	0.1	(3)	< 0.020	< 0.010	**0.0049**
Barium	1	(3)	**0.73**	**0.5**	**0.81**
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020
Calcium	-	-	**93**	**110**	**130**
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060
Copper	1	(3)	< 0.0060	< 0.0060	< 0.020
Iron	1	(3)	**2.8**	**1.5**	**3.2**
Lead	0.05	(3)	**0.005**	< 0.0010	< 0.0010
Magnesium	-	-	**16**	**21**	**23**
Manganese	0.2	(3)	**3.2**	**2.9**	**4.2**
Potassium	-	-	**1.3**	**2.8**	**1.8**
Selenium	0.05	(3)	< 0.050	< 0.010	< 0.020
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.025
Sodium	-	-	**380**	**420**	**410**
Uranium	0.03	(3)	< 0.10	< 0.0010	---
Zinc	10	(3)	< 0.020	< 0.010	< 0.010
Total Petroleum Hydrocarbons (mg/l):					
Diesel Range Organics	-	-	**0.56**	**2.2**	**1.8**
Gasoline Range Organics	-	-	**1.3**	**2.0**	**1.1**
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5

Notes:

(1) EPA - Regional Screening Levels

(2) EPA - Regional Screening Levels

(3) NMED WQCC standards - Title 2

(4) NMED TAP Water Screening Lev

-	= No screening level av
*	= Laboratory analyzed f
---	= Analyte inadvertently
---	= Analysis not required
	= Analytical result exce

			MW-37				
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13
Volatile Organic Compounds (ug/L)							
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 1.0	---	< 1.0	---	< 1.0
1,1,1-Trichloroethane	6.00E+01	(3)	< 1.0	---	< 1.0	---	< 1.0
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 2.0	---	< 2.0	---	< 2.0
1,1,2-Trichloroethane	5.00E+00	(2)	< 1.0	---	< 1.0	---	< 1.0
1,1-Dichloroethane	2.50E+01	(3)	< 1.0	---	< 1.0	---	< 1.0
1,1-Dichloroethene	5.00E+00	(3)	< 1.0	---	< 1.0	---	< 1.0
1,1-Dichloropropene	-	-	< 1.0	---	< 1.0	---	< 1.0
1,2,3-Trichlorobenzene	-	-	< 1.0	---	< 1.0	---	< 1.0
1,2,3-Trichloropropane	7.47E-03	(4)	< 2.0	---	< 2.0	---	< 2.0
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 1.0	---	< 1.0	---	< 1.0
1,2,4-Trimethylbenzene	1.50E+01	(1)	< 1.0	---	< 1.0	---	< 1.0
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 2.0	---	< 2.0	---	< 2.0
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 1.0	---	< 1.0	---	< 1.0
1,2-Dichlorobenzene	6.00E+02	(2)	< 1.0	---	< 1.0	---	< 1.0
1,2-Dichloroethane (EDC)	5.00E+00	(2)	< 1.0	---	< 1.0	---	< 1.0
1,2-Dichloropropane	5.00E+00	(2)	< 1.0	---	< 1.0	---	< 1.0
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 1.0	---	< 1.0	---	< 1.0
1,3-Dichlorobenzene	-	-	< 1.0	---	< 1.0	---	< 1.0
1,3-Dichloropropane	7.30E+02	(1)	< 1.0	---	< 1.0	---	< 1.0
1,4-Dichlorobenzene	7.50E+01	(2)	< 1.0	---	< 1.0	---	< 1.0
1-Methylnaphthalene	2.30E+00	(1)	< 4.0	---	< 4.0	---	< 4.0
2,2-Dichloropropane	-	-	< 2.0	---	< 2.0	---	< 2.0
2-Butanone	5.56E+03	(4)	< 10	---	< 10	---	< 10
2-Chlorotoluene	7.30E+02	(1)	< 1.0	---	< 1.0	---	< 1.0
2-Hexanone	-	-	< 10	---	< 10	---	< 10
2-Methylnaphthalene	1.50E+02	(1)	< 4.0	---	< 4.0	---	< 4.0
4-Chlorotoluene	2.60E+03	(1)	< 1.0	---	< 1.0	---	< 1.0
4-Isopropyltoluene	-	-	< 1.0	---	< 1.0	---	< 1.0
4-Methyl-2-pentanone	-	-	< 10	---	< 10	---	< 10
Acetone	1.41E+04	(4)	< 10	---	< 10	---	< 10
Benzene	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	2.00E+01	(1)	< 1.0	---	< 1.0	---	< 1.0
Bromodichloromethane	1.34E+00	(4)	< 1.0	---	< 1.0	---	< 1.0
Bromoform	8.50E+00	(1)	< 1.0	---	< 1.0	---	< 1.0
Bromomethane	7.54E+00	(4)	< 3.0	---	< 3.0	---	< 3.0
Carbon disulfide	8.10E+02	(4)	< 10	---	< 10	---	< 10
Carbon Tetrachloride	5.00E+00	(2)	< 1.0	---	< 1.0	---	< 1.0
Chlorobenzene	1.00E+02	(2)	< 1.0	---	< 1.0	---	< 1.0
Chloroethane	-	-	< 2.0	---	< 2.0	---	< 2.0
Chloroform	1.00E+02	(3)	< 1.0	---	< 1.0	---	< 1.0
Chloromethane	2.03E+01	(4)	< 3.0	---	< 3.0	---	< 3.0
cis-1,2-DCE	7.00E+01	(2)	< 1.0	---	< 1.0	---	< 1.0
cis-1,3-Dichloropropene	-	-	< 1.0	---	< 1.0	---	< 1.0
Dibromochloromethane	1.68E+00	(4)	< 1.0	---	< 1.0	---	< 1.0
Dibromomethane	3.70E+02	(1)	< 1.0	---	< 1.0	---	< 1.0
Dichlorodifluoromethane	1.97E+02	(4)	< 1.0	---	< 1.0	---	< 1.0
Ethylbenzene	7.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	8.60E-01	(1)	< 1.0	---	< 1.0	---	< 1.0
Isopropylbenzene	4.47E+02	(4)	< 1.0	---	< 1.0	---	< 1.0

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			MW-37				
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methylene Chloride	5.00E+00	(2)	< 3.0	---	< 3.0	---	< 3.0
Naphthalene	1.65E+00	(4)	< 2.0	---	< 2.0	---	< 2.0
n-Butylbenzene	-	-	< 3.0	---	< 1.0	---	< 3.0
n-Propylbenzene	-	-	< 1.0	---	< 1.0	---	< 1.0
sec-Butylbenzene	-	-	< 1.0	---	< 3.0	---	< 1.0
Styrene	1.00E+02	(2)	< 1.0	---	< 1.0	---	< 1.0
tert-Butylbenzene	-	-	< 1.0	---	< 1.0	---	< 1.0
Tetrachloroethene (PCE)	5.00E+00	(2)	< 1.0	---	< 1.0	---	< 1.0
Toluene	7.50E+02	(3)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-DCE	1.00E+02	(2)	< 1.0	---	< 1.0	---	< 1.0
trans-1,3-Dichloropropene	4.30E-01	(1)	< 1.0	---	< 1.0	---	< 1.0
Trichloroethene (TCE)	5.00E+00	(2)	< 1.0	---	< 1.0	---	< 1.0
Trichlorofluoromethane	1.14E+03	(4)	< 1.0	---	< 1.0	---	< 1.0
Vinyl chloride	1.00E+00	(3)	< 1.0	---	< 1.0	---	< 1.0
Xylenes, Total	6.20E+02	(3)	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Semi Volatile Organic Compounds (ug/l):							
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	---	---	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	---	---	---
1,3-Dichlorobenzene	-	-	---	---	---	---	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	---	---	---
1-Methylnaphthalene	2.30E+00	(1)	---	---	---	---	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	---	---	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	---	---	---
2,4-Dichlorophenol	4.53E+01	(4)	---	---	---	---	---
2,4-Dimethylphenol	3.54E+02	(4)	---	---	---	---	---
2,4-Dinitrophenol	3.88E+01	(4)	---	---	---	---	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	---	---	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	---	---	---
2-Chloronaphthalene	2.90E+03	(1)	---	---	---	---	---
2-Chlorophenol	9.10E+01	(4)	---	---	---	---	---
2-Methylnaphthalene	1.50E+02	(1)	---	---	---	---	---
2-Methylphenol	1.80E+03	(1)	---	---	---	---	---
2-Nitroaniline	1.10E+02	(1)	---	---	---	---	---
2-Nitrophenol	-	-	---	---	---	---	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	---	---	---
3+4-Methylphenol	1.80E+02	(1)	---	---	---	---	---
3-Nitroaniline	-	-	---	---	---	---	---
4,6-Dinitro-2-methylphenol	-	-	---	---	---	---	---
4-Bromophenyl phenyl ether	-	-	---	---	---	---	---
4-Chloro-3-methylphenol	-	-	---	---	---	---	---
4-Chloroaniline	3.40E-01	(1)	---	---	---	---	---
4-Chlorophenyl phenyl ether	-	-	---	---	---	---	---
4-Nitroaniline	3.40E+00	(1)	---	---	---	---	---
4-Nitrophenol	-	-	---	---	---	---	---
Acenaphthene	5.35E+02	(4)	---	---	---	---	---
Acenaphthylene	-	-	---	---	---	---	---
Aniline	1.20E+01	(1)	---	---	---	---	---
Anthracene	1.72E+03	(4)	---	---	---	---	---

			MW-37				
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13
Azobenzene	1.20E-01	(1)	---	---	---	---	---
Benzo(a)anthracene	3.43E-01	(4)	---	---	---	---	---
Benzo(a)pyrene	2.00E-01	(2)	---	---	---	---	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	---	---	---
Benzo(g,h,i)perylene	-	-	---	---	---	---	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	---	---	---
Benzoic acid	1.50E+05	(1)	---	---	---	---	---
Benzyl alcohol	1.80E+04	(1)	---	---	---	---	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	---	---	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	---	---	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	---	---	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	---	---	---
Butyl benzyl phthalate	3.50E+01	(1)	---	---	---	---	---
Carbazole	-	-	---	---	---	---	---
Chrysene	3.43E+01	(4)	---	---	---	---	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	---	---	---
Dibenzofuran	-	-	---	---	---	---	---
Diethyl phthalate	1.48E+04	(4)	---	---	---	---	---
Dimethyl phthalate	-	-	---	---	---	---	---
Di-n-butyl phthalate	8.85E+02	(4)	---	---	---	---	---
Di-n-octyl phthalate	-	-	---	---	---	---	---
Fluoranthene	8.02E+02	(4)	---	---	---	---	---
Fluorene	2.88E+02	(4)	---	---	---	---	---
Hexachlorobenzene	1.00E+00	(2)	---	---	---	---	---
Hexachlorobutadiene	8.60E-01	(1)	---	---	---	---	---
Hexachlorocyclopentadiene	5.00E+01	(2)	---	---	---	---	---
Hexachloroethane	6.80E+00	(4)	---	---	---	---	---
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	---	---	---	---
Isophorone	7.79E+02	(4)	---	---	---	---	---
Naphthalene	1.65E+00	(4)	---	---	---	---	---
Nitrobenzene	1.40E+00	(4)	---	---	---	---	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	---	---	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	---	---	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	---	---	---
Pentachlorophenol	1.00E+00	(2)	---	---	---	---	---
Phenanthrene	1.70E+02	(4)	---	---	---	---	---
Phenol	5.00E+00	(3)	---	---	---	---	---
Pyrene	1.17E+02	(5)	---	---	---	---	---
Pyridine	3.70E+01	(1)	---	---	---	---	---
General Chemistry (mg/l):							
Fluoride	1.6	(3)	**0.59**	---	**0.74**	---	**0.67**
Chloride	250	(3)	**220**	---	**190**	---	**260**
Nitrite	1.0	(2)	< 0.10	---	< 0.10	---	< 0.10
Bromide	-	-	**1.2**	---	**2.7**	---	**3**
Nitrate	10	(3)	< 0.10	---	< 0.10	---	**0.44**
Phosphorus	-	-	< 0.50	---	< 0.50	---	< 0.50
Sulfate	600	(3)	**110**	---	**24**	---	**180**
Carbon Dioxide (CO_2)	-	-	**770**	---	**810**	---	**790**
Alkalinity ($CaCO_3$)	-	-	**855.5**	---	**890**	---	**870**
Bicarbonate ($CaCO_3$)	-	-	**855.5**	---	**890**	---	**870**

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			MW-37				
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13
Total Metals (mg/l):							
Arsenic	0.01	(2)	< 0.020	---	< 0.020	---	< 0.020
Barium	2	(2)	**0.42**	---	**0.31**	---	**0.71**
Cadmium	0.005	(2)	< 0.0020	---	< 0.0020	---	< 0.0020
Chromium	0.05	(3)	< 0.0060	---	< 0.0060	---	**0.026**
Lead	0.015	(2)	< 0.0050	---	< 0.0050	---	< 0.025
Selenium	0.05	(2)	< 0.050	---	< 0.050	---	< 0.050
Silver	0.05	(3)	< 0.0050	---	< 0.0050	---	< 0.025
Mercury	0.002	(3)	< 0.00020	---	< 0.00020	---	< 0.00020
Dissolved Metals (mg/l):							
Arsenic	0.1	(3)	< 0.020	---	< 0.010	---	**0.0056**
Barium	1	(3)	**0.4**	---	**0.20**	---	**0.35**
Cadmium	0.01	(3)	< 0.0020	---	< 0.0020	---	< 0.0020
Calcium	-	-	**92**	---	**44**	---	**120**
Chromium	0.05	(3)	< 0.0060	---	< 0.0060	---	< 0.0060
Copper	1	(3)	< 0.0060	---	< 0.0060	---	< 0.020
Iron	1	(3)	< 0.020	---	**0.38**	---	< 0.0010
Lead	0.05	(3)	< 0.0050	---	< 0.0010	---	**3.0**
Magnesium	-	-	**21**	---	**15**	---	**21**
Manganese	0.2	(3)	**1**	---	**0.99**	---	**1.2**
Potassium	-	-	**2.8**	---	**3.0**	---	**3.7**
Selenium	0.05	(3)	< 0.050	---	**0.022**	---	< 0.020
Silver	0.05	(3)	< 0.0050	---	< 0.0050	---	< 0.025
Sodium	-	-	**420**	---	**460**	---	**440**
Uranium	0.03	(3)	< 0.10	---	**0.0010**	---	---
Zinc	10	(3)	< 0.020	---	< 0.010	---	< 0.010
Total Petroleum Hydrocarbons (mg/l):							
Diesel Range Organics	-	-	< 0.20	**0.45**	**0.55**	< 0.20	< 0.20
Gasoline Range Organics	-	-	< 0.050	< 0.050	**0.074**	< 0.050	< 0.050
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

Notes:

(1) EPA - Regional Screening Levels (April 2009

(2) EPA - Regional Screening Levels (April 2009

(3) NMED WQCC standards - Title 20 Chapter 6

(4) NMED TAP Water Screening Levels - NM Ris

-	= No screening level available
*	= Laboratory analyzed for combined
---	= Analyte inadvertently not included
---	= Analysis not required and/or well c
	= Analytical result exceeds the respo

			MW-50				MW-51		
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Aug-14	Aug-13
Volatile Organic Compounds (ug/L)									
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,1-Trichloroethane	6.00E+01	(3)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,1,2-Trichloroethane	5.00E+00	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethane	2.50E+01	(3)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	5.00E+00	(3)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloropropene	-	-	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichlorobenzene	-	-	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,3-Trichloropropane	7.47E-03	(4)	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2,4-Trimethylbenzene	1.50E+01	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
1,2-Dibromoethane (EDB)	5.00E-02	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloroethane (EDC)	5.00E+00	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	5.00E+00	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3,5-Trimethylbenzene	1.20E+01	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichlorobenzene	-	-	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,3-Dichloropropane	7.30E+02	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1-Methylnaphthalene	2.30E+00	(1)	---	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
2,2-Dichloropropane	-	-	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
2-Butanone	5.56E+03	(4)	---	---	< 10	< 10	< 10	< 10	< 10
2-Chlorotoluene	7.30E+02	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Hexanone	-	-	---	---	< 10	< 10	< 10	< 10	< 10
2-Methylnaphthalene	1.50E+02	(1)	---	---	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
4-Chlorotoluene	2.60E+03	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Isopropyltoluene	-	-	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
4-Methyl-2-pentanone	-	-	---	---	< 10	< 10	< 10	< 10	< 10
Acetone	1.41E+04	(4)	---	---	< 10	< 10	< 10	< 10	< 10
Benzene	5.00E+00	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromobenzene	2.00E+01	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromodichloromethane	1.34E+00	(4)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromoform	8.50E+00	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Bromomethane	7.54E+00	(4)	---	---	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Carbon disulfide	8.10E+02	(4)	---	---	< 10	< 10	< 10	< 10	< 10
Carbon Tetrachloride	5.00E+00	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	1.00E+02	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroethane	-	-	---	---	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
Chloroform	1.00E+02	(3)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloromethane	2.03E+01	(4)	---	---	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
cis-1,2-DCE	7.00E+01	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
cis-1,3-Dichloropropene	-	-	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromochloromethane	1.68E+00	(4)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dibromomethane	3.70E+02	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Dichlorodifluoromethane	1.97E+02	(4)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	7.00E+02	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Hexachlorobutadiene	8.60E-01	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Isopropylbenzene	4.47E+02	(4)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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			MW-50				MW-51		
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Aug-14	Aug-13
Methylene Chloride	5.00E+00	(2)	---	---	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Naphthalene	1.65E+00	(4)	---	---	< 2.0	< 3.0	< 2.0	< 2.0	< 2.0
n-Butylbenzene	-	-	---	---	< 3.0	< 1.0	< 3.0	< 3.0	< 3.0
n-Propylbenzene	-	-	---	---	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0
sec-Butylbenzene	-	-	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Styrene	1.00E+02	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
tert-Butylbenzene	-	-	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Tetrachloroethene (PCE)	5.00E+00	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	7.50E+02	(3)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,2-DCE	1.00E+02	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
trans-1,3-Dichloropropene	4.30E-01	(1)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene (TCE)	5.00E+00	(2)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichlorofluoromethane	1.14E+03	(4)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl chloride	1.00E+00	(3)	---	---	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Xylenes, Total	6.20E+02	(3)	---	---	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Semi Volatile Organic Compounds (ug/l):									
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	---	< 10	< 10	---	< 10	< 10
1,2-Dichlorobenzene	6.00E+02	(2)	---	---	< 10	< 10	---	< 10	< 10
1,3-Dichlorobenzene	-	-	---	---	< 10	< 10	---	< 10	< 10
1,4-Dichlorobenzene	7.50E+01	(2)	---	---	< 10	< 10	---	< 10	< 10
1-Methylnaphthalene	2.30E+00	(1)	---	---	< 10	< 10	---	< 10	< 10
2,4,5-Trichlorophenol	1.17E+03	(4)	---	---	< 10	< 10	---	< 10	< 10
2,4,6-Trichlorophenol	1.19E+01	(4)	---	---	< 10	< 10	---	< 10	< 10
2,4-Dichlorophenol	4.53E+01	(4)	---	---	< 20	< 20	---	< 21	< 20
2,4-Dimethylphenol	3.54E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
2,4-Dinitrophenol	3.88E+01	(4)	---	---	< 20	< 20	---	< 21	< 20
2,4-Dinitrotoluene	2.37E+00	(4)	---	---	< 10	< 10	---	< 10	< 10
2,6-Dinitrotoluene	3.70E+01	(1)	---	---	< 10	< 10	---	< 10	< 10
2-Chloronaphthalene	2.90E+03	(1)	---	---	< 10	< 10	---	< 10	< 10
2-Chlorophenol	9.10E+01	(4)	---	---	< 10	< 10	---	< 10	< 10
2-Methylnaphthalene	1.50E+02	(1)	---	---	< 10	< 10	---	< 10	< 10
2-Methylphenol	1.80E+03	(1)	---	---	< 10	< 10	---	< 21	< 10
2-Nitroaniline	1.10E+02	(1)	---	---	< 10	< 10	---	< 10	< 10
2-Nitrophenol	-	-	---	---	< 10	< 10	---	< 10	< 10
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	---	< 10	< 10	---	< 10	< 10
3+4-Methylphenol	1.80E+02	(1)	---	---	< 10	< 10	---	< 10	< 10
3-Nitroaniline	-	-	---	---	< 10	< 10	---	< 10	< 10
4,6-Dinitro-2-methylphenol	-	-	---	---	< 20	< 20	---	< 21	< 20
4-Bromophenyl phenyl ether	-	-	---	---	< 10	< 10	---	< 10	< 10
4-Chloro-3-methylphenol	-	-	---	---	< 10	< 10	---	< 10	< 10
4-Chloroaniline	3.40E-01	(1)	---	---	< 10	< 10	---	< 10	< 10
4-Chlorophenyl phenyl ether	-	-	---	---	< 10	< 10	---	< 10	< 10
4-Nitroaniline	3.40E+00	(1)	---	---	< 10	< 20	---	< 10	< 10
4-Nitrophenol	-	-	---	---	< 10	< 10	---	< 10	< 10
Acenaphthene	5.35E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Acenaphthylene	-	-	---	---	< 10	< 10	---	< 10	< 10
Aniline	1.20E+01	(1)	---	---	< 10	< 10	---	< 10	< 10
Anthracene	1.72E+03	(4)	---	---	< 10	< 10	---	< 10	< 10

			MW-50				MW-51		
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Aug-14	Aug-13
Azobenzene	1.20E-01	(1)	---	---	< 10	< 10	---	< 10	< 10
Benzo(a)anthracene	3.43E-01	(4)	---	---	< 10	< 10	---	< 10	< 10
Benzo(a)pyrene	2.00E-01	(2)	---	---	< 10	< 10	---	< 10	< 10
Benzo(b)fluoranthene	3.43E-01	(4)	---	---	< 10	< 10	---	< 10	< 10
Benzo(g,h,i)perylene	-	-	---	---	< 10	< 10	---	< 10	< 10
Benzo(k)fluoranthene	3.43E+00	(4)	---	---	< 10	< 10	---	< 10	< 10
Benzoic acid	1.50E+05	(1)	---	---	< 40	< 20	---	< 21	< 40
Benzyl alcohol	1.80E+04	(1)	---	---	< 10	< 10	---	< 10	< 10
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	---	< 10	< 10	---	< 10	< 10
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	---	< 10	< 10	---	< 10	< 10
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	---	< 10	< 10	---	< 10	< 10
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	---	< 10	< 10	---	< 10	< 10
Butyl benzyl phthalate	3.50E+01	(1)	---	---	< 10	< 10	---	< 10	< 10
Carbazole	-	-	---	---	< 10	< 10	---	< 10	< 10
Chrysene	3.43E+01	(4)	---	---	< 10	< 10	---	< 10	< 10
Dibenz(a,h)anthracene	1.06E-01	(4)	---	---	< 10	< 10	---	< 10	< 10
Dibenzofuran	-	-	---	---	< 10	< 10	---	< 10	< 10
Diethyl phthalate	1.48E+04	(4)	---	---	< 10	< 10	---	< 10	< 10
Dimethyl phthalate	-	-	---	---	< 10	< 10	---	< 10	< 10
Di-n-butyl phthalate	8.85E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Di-n-octyl phthalate	-	-	---	---	< 10	< 10	---	< 10	< 10
Fluoranthene	8.02E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Fluorene	2.88E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Hexachlorobenzene	1.00E+00	(2)	---	---	< 10	< 10	---	< 10	< 10
Hexachlorobutadiene	8.60E-01	(1)	---	---	< 10	< 10	---	< 10	< 10
Hexachlorocyclopentadiene	5.00E+01	(2)	---	---	< 10	< 10	---	< 10	< 10
Hexachloroethane	6.80E+00	(4)	---	---	< 10	< 10	---	< 10	< 10
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	---	< 10	< 10	---	< 10	< 10
Isophorone	7.79E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Naphthalene	1.65E+00	(4)	---	---	< 10	< 10	---	< 10	< 10
Nitrobenzene	1.40E+00	(4)	---	---	< 10	< 10	---	< 10	< 10
N-Nitrosodimethylamine	4.90E-03	(4)	---	---	< 10	< 10	---	< 10	< 10
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	---	< 10	< 10	---	< 10	< 10
N-Nitrosodiphenylamine	1.21E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Pentachlorophenol	1.00E+00	(2)	---	---	< 20	< 20	---	< 21	< 20
Phenanthrene	1.70E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Phenol	5.00E+00	(3)	---	---	< 10	< 10	---	< 10	< 10
Pyrene	1.17E+02	(4)	---	---	< 10	< 10	---	< 10	< 10
Pyridine	3.70E+01	(1)	---	---	< 10	< 10	---	< 10	< 10
General Chemistry (mg/l):									
Fluoride	1.6	(3)	---	---	**0.35**	**0.37**	**0.52**	**0.54**	**0.55**
Chloride	250	(3)	---	---	**3.7**	**6.6**	**8.3**	**15**	**9.6**
Nitrite	1	(2)	---	---	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Bromide	-	-	---	---	< 0.10	< 0.10	< 0.10	**0.12**	< 0.10
Nitrate	10	(3)	---	---	**0.16**	< 0.10	**0.34**	**1.4**	**0.82**
Phosphorus	-	-	---	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulfate	600	(3)	---	---	**41**	**26**	**43**	**76**	**47**
Carbon Dioxide ($CO_{2)}$	-	-	---	---	**250**	**220**	**240**	**250**	**220**
Alkalinity ($CaCO_3$)	-	-	---	---	**280**	**240**	**264.9**	**270**	**250**
Bicarbonate ($CaCO_3$)	-	-	---	---	**280**	**240**	**264.9**	**270**	**250**

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			MW-50				MW-51		
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Aug-14	Aug-13
Total Metals (mg/l):									
Arsenic	0.01	(2)	---	---	< 0.020	<0.02	< 0.020	< 0.020	< 0.020
Barium	1	(3)	---	---	**0.088**	**0.096**	**0.11**	**0.095**	**0.099**
Cadmium	0.005	(2)	---	---	< 0.0020	<0.002	< 0.0020	< 0.0020	< 0.0020
Chromium	0.05	(3)	---	---	< 0.0060	<0.006	< 0.0060	< 0.0060	< 0.0060
Lead	0.015	(2)	---	---	< 0.0050	<0.005	< 0.0050	< 0.0050	< 0.0050
Selenium	0.05	(2)	---	---	< 0.050	<0.05	< 0.050	< 0.050	< 0.050
Silver	0.05	(3)	---	---	< 0.025	<0.005	< 0.0050	< 0.0050	< 0.0050
Mercury	0.002	(3)	---	---	< 0.00020	<0.0002	< 0.00020	< 0.00020	< 0.0002
Dissolved Metals (mg/l):									
Arsenic	0.1	(3)	---	---	**0.0036**	**0.004**	< 0.020	< 0.020	**0.0032**
Barium	1	(3)	---	---	**0.083**	**0.071**	**0.05**	**0.056**	**0.058**
Cadmium	0.01	(3)	---	---	< 0.0020	<0.002	< 0.0020	< 0.0020	< 0.0020
Calcium	-	-	---	---	**65**	**54**	**63**	**76**	**65**
Chromium	0.05	(3)	---	---	< 0.0060	<0.006	< 0.0060	< 0.0060	< 0.0060
Copper	1	(3)	---	---	**0.0013**	<0.006	< 0.0060	< 0.0060	**0.0015**
Iron	1	(3)	---	---	< 0.020	<0.02	**0.041**	< 0.020	< 0.020
Lead	0.05	(3)	---	---	< 0.0010	<0.005	< 0.0050	< 0.0050	< 0.0010
Magnesium	-	-	---	---	**14**	**13**	**13**	**15**	**13**
Manganese	0.2	(3)	---	---	**2.3**	**2.2**	**0.77**	**1.2**	**1.0**
Potassium	-	-	---	---	**2.1**	**1.6**	**1.7**	**1.9**	**2.1**
Selenium	0.05	(3)	---	---	< 0.0010	**0.001**	< 0.050	< 0.050	< 0.0010
Silver	0.05	(3)	---	---	< 0.025	<0.005	< 0.0050	< 0.0050	< 0.025
Sodium	-	-	---	---	**37**	**39**	**47**	**55**	**43**
Uranium	0.03	(3)	---	---	< 0.0010	<0.001	< 0.10	< 0.10	**0.0015**
Zinc	10	(3)	---	---	< 0.010	**0.07**	< 0.020	< 0.020	**0.011**
Total Petroleum Hydrocarbons (mg/l):									
Diesel Range Organics	-	-	---	---	< 0.20	<0.2	< 0.20	< 0.20	< 0.20
Gasoline Range Organics	-	-	---	---	< 0.050	< 0.05	< 0.050	< 0.050	< 0.050
Motor Oil Range Organics	-	-	---	---	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

Notes:

(1) EPA - Regional Screening Levels (April 2009) - EPA Screening Levels.T

(2) EPA - Regional Screening Levels (April 2009) - MCL

(3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.2.3101 Sta

(4) NMED TAP Water Screening Levels - NM Risk Assessment Guidance f

-	= No screening level available
*	= Laboratory analyzed for combined Nitrate (As N) + Nitrite (As
---	= Analyte inadvertently not included in sample analysis.
---	= Analysis not required and/or well contains separate phase
	= Analytical result exceeds the respective screening level.
**	= Columns hidden when there are 4 or more consecutive years

RCR
2015 Groundwate

			MW-59				**MW-60	**M
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Au
Volatile Organic Compounds (ug/L)								
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,1,1-Trichloroethane	6.00E+01	(3)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 2.0	< 2.0	< 2.0	< 2.0	---	
1,1,2-Trichloroethane	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,1-Dichloroethane	2.50E+01	(3)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,1-Dichloroethene	5.00E+00	(3)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,1-Dichloropropene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,2,3-Trichlorobenzene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,2,3-Trichloropropane	7.47E-03	(4)	< 2.0	< 2.0	< 2.0	< 2.0	---	
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,2,4-Trimethylbenzene	1.50E+01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 2.0	< 2.0	< 2.0	< 2.0	---	
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,2-Dichlorobenzene	6.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,2-Dichloroethane (EDC)	5.00E+00	(2)	18	10	15	4.2	---	
1,2-Dichloropropane	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,3-Dichlorobenzene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,3-Dichloropropane	7.30E+02	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1,4-Dichlorobenzene	7.50E+01	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
1-Methylnaphthalene	2.30E+00	(1)	< 4.0	< 4.0	5.7	< 4.0	---	
2,2-Dichloropropane	-	-	< 2.0	< 2.0	< 2.0	< 2.0	---	
2-Butanone	5.56E+03	(4)	< 10	< 10	< 10	< 10	---	
2-Chlorotoluene	7.30E+02	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
2-Hexanone	-	-	< 10	< 10	< 10	< 10	---	
2-Methylnaphthalene	1.50E+02	(1)	< 4.0	< 4.0	< 4.0	< 4.0	---	
4-Chlorotoluene	2.60E+03	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
4-Isopropyltoluene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	---	
4-Methyl-2-pentanone	-	-	< 10	< 10	< 10	< 10	---	
Acetone	1.41E+04	(4)	< 10	< 10	< 10	< 10	---	
Benzene	5.00E+00	(2)	7.3	13	13	4.2	---	
Bromobenzene	2.00E+01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Bromodichloromethane	1.34E+00	(4)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Bromoform	8.50E+00	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Bromomethane	7.54E+00	(4)	< 3.0	< 3.0	< 3.0	< 3.0	---	
Carbon disulfide	8.10E+02	(4)	< 10	< 10	< 10	< 10	---	
Carbon Tetrachloride	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Chlorobenzene	1.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Chloroethane	-	-	< 2.0	< 2.0	< 2.0	< 2.0	---	
Chloroform	1.00E+02	(3)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Chloromethane	2.03E+01	(4)	< 3.0	< 3.0	< 3.0	< 3.0	---	
cis-1,2-DCE	7.00E+01	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
cis-1,3-Dichloropropene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	---	
Dibromochloromethane	1.68E+00	(4)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Dibromomethane	3.70E+02	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Dichlorodifluoromethane	1.97E+02	(4)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Ethylbenzene	7.00E+02	(2)	29	58	89	29	---	
Hexachlorobutadiene	8.60E-01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Isopropylbenzene	4.47E+02	(4)	5	7.8	13	4	---	
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	1400	750	530	140	---	

			MW-59				**MW-60	**M
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Au
Methylene Chloride	5.00E+00	(2)	< 3.0	< 3.0	< 3.0	< 3.0	---	
Naphthalene	1.65E+00	(4)	< 2.0	**3.6**	**15**	**8.8**	---	
n-Butylbenzene	-	-	< 3.0	< 3.0	**3.1**	< 3.0	---	
n-Propylbenzene	-	-	**4.4**	**7.3**	**9.8**	**3.8**	---	
sec-Butylbenzene	-	-	**4.5**	**3.8**	**5.2**	**1.5**	---	
Styrene	1.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
tert-Butylbenzene	-	-	< 1.0	< 1.0	< 1.0	< 1.0	---	
Tetrachloroethene (PCE)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Toluene	7.50E+02	(3)	< 1.0	< 1.0	< 1.0	< 1.0	---	
trans-1,2-DCE	1.00E+02	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
trans-1,3-Dichloropropene	4.30E-01	(1)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Trichloroethene (TCE)	5.00E+00	(2)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Trichlorofluoromethane	1.14E+03	(4)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Vinyl chloride	1.00E+00	(3)	< 1.0	< 1.0	< 1.0	< 1.0	---	
Xylenes, Total	6.20E+02	(3)	< 1.5	< 1.5	< 1.5	< 1.5	---	
Semi Volatile Organic Compounds (ug/l):								
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	< 10	< 10	< 10	---	
1,2-Dichlorobenzene	6.00E+02	(2)	---	< 10	< 10	< 10	---	
1,3-Dichlorobenzene	-	-	---	< 10	< 10	< 10	---	
1,4-Dichlorobenzene	7.50E+01	(2)	---	< 10	< 10	< 10	---	
1-Methylnaphthalene	2.30E+00	(1)	---	< 10	< 10	< 10	---	
2,4,5-Trichlorophenol	1.17E+03	(4)	---	< 10	< 10	< 10	---	
2,4,6-Trichlorophenol	1.19E+01	(4)	---	< 10	< 10	< 10	---	
2,4-Dichlorophenol	4.53E+01	(4)	---	< 20	< 20	< 20	---	
2,4-Dimethylphenol	3.54E+02	(4)	---	< 10	< 10	< 10	---	
2,4-Dinitrophenol	3.88E+01	(4)	---	< 20	< 20	< 20	---	
2,4-Dinitrotoluene	2.37E+00	(4)	---	< 10	< 10	< 10	---	
2,6-Dinitrotoluene	3.70E+01	(1)	---	< 10	< 10	< 10	---	
2-Chloronaphthalene	2.90E+03	(1)	---	< 10	< 10	< 10	---	
2-Chlorophenol	9.10E+01	(4)	---	< 10	< 10	< 10	---	
2-Methylnaphthalene	1.50E+02	(1)	---	< 20	< 10	< 10	---	
2-Methylphenol	1.80E+03	(1)	---	< 10	< 10	< 10	---	
2-Nitroaniline	1.10E+02	(1)	---	< 10	< 10	< 10	---	
2-Nitrophenol	-	-	---	< 10	< 10	< 10	---	
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	< 10	< 10	< 10	---	
3+4-Methylphenol	1.80E+02	(1)	---	< 10	< 10	< 10	---	
3-Nitroaniline	-	-	---	< 10	< 10	< 10	---	
4,6-Dinitro-2-methylphenol	-	-	---	< 20	< 20	< 20	---	
4-Bromophenyl phenyl ether	-	-	---	< 10	< 10	< 10	---	
4-Chloro-3-methylphenol	-	-	---	< 10	< 10	< 10	---	
4-Chloroaniline	3.40E-01	(1)	---	< 10	< 10	< 10	---	
4-Chlorophenyl phenyl ether	-	-	---	< 10	< 10	< 10	---	
4-Nitroaniline	3.40E+00	(1)	---	< 10	< 10	< 20	---	
4-Nitrophenol	-	-	---	< 10	< 10	< 10	---	
Acenaphthene	5.35E+02	(4)	---	< 10	< 10	< 10	---	
Acenaphthylene	-	-	---	< 10	< 10	< 10	---	
Aniline	1.20E+01	(1)	---	< 10	< 10	< 10	---	
Anthracene	1.72E+03	(4)	---	< 10	< 10	< 10	---	

			MW-59				**MW-60	**M
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Au
Azobenzene	1.20E-01	(1)	---	< 10	< 10	< 10	---	
Benzo(a)anthracene	3.43E-01	(4)	---	< 10	< 10	< 10	---	
Benzo(a)pyrene	2.00E-01	(2)	---	< 10	< 10	< 10	---	
Benzo(b)fluoranthene	3.43E-01	(4)	---	< 10	< 10	< 10	---	
Benzo(g,h,i)perylene	-	-	---	< 10	< 10	< 10	---	
Benzo(k)fluoranthene	3.43E+00	(4)	---	< 10	< 10	< 10	---	
Benzoic acid	1.50E+05	(1)	---	< 20	< 40	< 20	---	
Benzyl alcohol	1.80E+04	(1)	---	< 10	< 10	< 10	---	
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	< 10	< 10	< 10	---	
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	< 10	< 10	< 10	---	
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	< 10	< 10	< 10	---	
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	< 10	< 10	< 10	---	
Butyl benzyl phthalate	3.50E+01	(1)	---	< 10	< 10	< 10	---	
Carbazole	-	-	---	< 10	< 10	< 10	---	
Chrysene	3.43E+01	(4)	---	< 10	< 10	< 10	---	
Dibenz(a,h)anthracene	1.06E-01	(4)	---	< 10	< 10	< 10	---	
Dibenzofuran	-	-	---	< 10	< 10	< 10	---	
Diethyl phthalate	1.48E+04	(4)	---	< 10	< 10	< 10	---	
Dimethyl phthalate	-	-	---	< 10	< 10	< 10	---	
Di-n-butyl phthalate	8.85E+02	(4)	---	< 10	< 10	< 10	---	
Di-n-octyl phthalate	-	-	---	< 10	< 10	< 10	---	
Fluoranthene	8.02E+02	(4)	---	< 10	< 10	< 10	---	
Fluorene	2.88E+02	(4)	---	< 10	< 10	< 10	---	
Hexachlorobenzene	1.00E+00	(2)	---	< 10	< 10	< 10	---	
Hexachlorobutadiene	8.60E-01	(1)	---	< 10	< 10	< 10	---	
Hexachlorocyclopentadiene	5.00E+01	(2)	---	< 10	< 10	< 10	---	
Hexachloroethane	6.80E+00	(4)	---	< 10	< 10	< 10	---	
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	< 10	< 10	< 10	---	
Isophorone	7.79E+02	(4)	---	< 10	< 10	< 10	---	
Naphthalene	1.65E+00	(4)	---	< 10	< 10	**17**	---	
Nitrobenzene	1.40E+00	(4)	---	< 10	< 10	< 10	---	
N-Nitrosodimethylamine	4.90E-03	(4)	---	< 10	< 10	< 10	---	
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	< 10	< 10	< 10	---	
N-Nitrosodiphenylamine	1.21E+02	(4)	---	< 10	< 10	< 10	---	
Pentachlorophenol	1.00E+00	(2)	---	< 20	< 20	< 20	---	
Phenanthrene	1.70E+02	(4)	---	< 10	< 10	< 10	---	
Phenol	5.00E+00	(3)	---	**14**	< 10	< 10	---	
Pyrene	1.17E+02	(4)	---	< 10	< 10	< 10	---	
Pyridine	3.70E+01	(1)	---	< 10	< 10	< 10	---	
General Chemistry (mg/l):								
Fluoride	1.6	(3)	< 0.10	**0.20**	< 0.50	< 0.5	---	
Chloride	250	(3)	**240**	**210**	**180**	**150**	---	
Nitrite	1	(2)	< 0.10	< 0.10	< 0.50	< 0.5	---	
Bromide	-	-	**1.2**	**2.0**	**2.7**	**2.5**	---	
Nitrate	10	(3)	**0.28**	< 2.0	< 0.50	< 0.5	---	
Phosphorus	-	-	< 0.50	< 0.50	< 2.5	< 2.5	---	
Sulfate	600	(3)	**780**	**830**	**510**	**310**	---	
Carbon Dioxide ($CO_{2)}$	-	-	**940**	**910**	**920**	**960**	---	
Alkalinity ($CaCO_3$)	-	-	**1035**	**950**	**970**	**990**	---	
Bicarbonate ($CaCO_3$)	-	-	**1035**	**950**	**970**	**990**	---	

RCR
2015 Groundwate

			MW-59				**MW-60	**M
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15	Au
Total Metals (mg/l):								
Arsenic	0.01	(2)	**0.022**	< 0.020	< 0.020	<0.02	---	
Barium	1	(3)	**0.21**	**0.26**	**0.10**	**0.640**	---	
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020	<0.002	---	
Chromium	0.05	(3)	< 0.0060	**0.011**	< 0.0060	**0.017**	---	
Lead	0.015	(2)	< 0.0050	**0.011**	**0.0052**	**0.035**	---	
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	<0.05	---	
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	<0.005	---	
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	<0.0002	---	
Dissolved Metals (mg/l):								
Arsenic	0.1	(3)	< 0.020	< 0.020	**0.017**	**0.014**	---	
Barium	1	(3)	**0.055**	**0.059**	**0.072**	**0.085**	---	
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	<0.002	---	
Calcium	-	-	**250**	**260**	**210**	**200**	---	
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	<0.006	---	
Copper	1	(3)	< 0.0060	< 0.0060	< 0.020	<0.006	---	
Iron	1	(3)	**4.3**	**7.9**	**7.3**	**6.1**	---	
Lead	0.05	(3)	< 0.0050	< 0.0050	< 0.0010	< 0.001	---	
Magnesium	-	-	**69**	**69**	**56**	**51**	---	
Manganese	0.2	(3)	**1.9**	**3.0**	**3.2**	**3.3**	---	
Potassium	-	-	**3.6**	**3.4**	**3.0**	**3.0**	---	
Selenium	0.05	(3)	< 0.050	< 0.050	**0.011**	**0.0061**	---	
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	<0.005	---	
Sodium	-	-	**470**	**440**	**380**	**390**	---	
Uranium	0.03	(3)	< 0.10	< 0.10	**0.0036**	**0.0024**	---	
Zinc	10	(3)	**0.036**	< 0.020	**0.037**	**0.10**	---	
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	**0.32**	**0.62**	**0.68**	**0.55**	---	
Gasoline Range Organics	-	-	**1.1**	**0.72**	**0.96**	**1.2**	---	
Motor Oil Range Organics	-	-	< 2.5	<2.5	< 2.5	< 2.5	---	

Notes:

(1) EPA - Regional Screening Levels (April 2009) - EPA Sc

(2) EPA - Regional Screening Levels (April 2009) - MCL

(3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - location specific screening levels

(4) NMED TAP Water Screening Levels - NM Risk Assessr

-	= No screening level available
*	= Laboratory analyzed for combined Nitrate (As
---	= Analyte inadvertently not included in sample a
---	= Analysis not required and/or well contains sep
	= Analytical result exceeds the respective scree
**	= Columns hidden when there are 4 or more co

RCR
2015 Groundwate

			MW-65				**MW-66
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15
Volatile Organic Compounds (ug/L)							
1,1,1,2-Tetrachloroethane	5.72E+00	(4)	< 20	< 10	< 20	< 20	---
1,1,1-Trichloroethane	6.00E+01	(3)	< 20	< 10	< 20	< 20	---
1,1,2,2-Tetrachloroethane	1.00E+01	(3)	< 40	< 20	< 40	< 40	---
1,1,2-Trichloroethane	5.00E+00	(2)	< 20	< 10	< 20	< 20	---
1,1-Dichloroethane	2.50E+01	(3)	< 20	< 10	< 20	< 20	---
1,1-Dichloroethene	5.00E+00	(3)	< 20	< 10	< 20	< 20	---
1,1-Dichloropropene	-	-	< 20	< 10	< 20	< 20	---
1,2,3-Trichlorobenzene	-	-	< 20	< 10	< 20	< 20	---
1,2,3-Trichloropropane	7.47E-03	(4)	< 40	< 20	< 40	< 40	---
1,2,4-Trichlorobenzene	7.00E+01	(2)	< 20	< 10	< 20	< 20	---
1,2,4-Trimethylbenzene	1.50E+01	(1)	**860**	**1400**	**1800**	**1500**	---
1,2-Dibromo-3-chloropropane	2.00E-01	(2)	< 40	< 20	< 40	< 40	---
1,2-Dibromoethane (EDB)	5.00E-02	(2)	< 20	< 10	< 20	< 20	---
1,2-Dichlorobenzene	6.00E+02	(2)	< 20	< 10	< 20	< 20	---
1,2-Dichloroethane (EDC)	5.00E+00	(2)	**200**	**140**	**160**	**170**	---
1,2-Dichloropropane	5.00E+00	(2)	< 20	< 10	< 20	< 20	---
1,3,5-Trimethylbenzene	1.20E+01	(1)	< 20	**17**	**36**	**90**	---
1,3-Dichlorobenzene	-	-	< 20	< 10	< 20	< 20	---
1,3-Dichloropropane	7.30E+02	(1)	< 20	< 10	< 20	< 20	---
1,4-Dichlorobenzene	7.50E+01	(2)	< 20	< 10	< 20	< 20	---
1-Methylnaphthalene	2.30E+00	(1)	**120**	**110**	**120**	**130**	---
2,2-Dichloropropane	-	-	< 40	< 20	< 40	< 40	---
2-Butanone	5.56E+03	(4)	< 200	< 100	< 200	< 200	---
2-Chlorotoluene	7.30E+02	(1)	< 20	< 10	< 20	< 20	---
2-Hexanone	-	-	< 200	< 100	< 200	< 200	---
2-Methylnaphthalene	1.50E+02	(1)	< 80	**50**	**190**	**210**	---
4-Chlorotoluene	2.60E+03	(1)	< 20	< 10	< 20	< 20	---
4-Isopropyltoluene	-	-	< 20	< 10	< 20	< 20	---
4-Methyl-2-pentanone	-	-	< 200	< 100	< 200	< 200	---
Acetone	1.41E+04	(4)	< 200	< 100	< 200	< 200	---
Benzene	5.00E+00	(2)	**7800**	**5100**	**6800**	**7200**	---
Bromobenzene	2.00E+01	(1)	< 20	< 10	< 20	< 20	---
Bromodichloromethane	1.34E+00	(4)	< 20	< 10	< 20	< 20	---
Bromoform	8.50E+00	(1)	< 20	< 10	< 20	< 20	---
Bromomethane	7.54E+00	(4)	< 60	< 30	< 60	< 60	---
Carbon disulfide	8.10E+02	(4)	< 200	< 100	< 200	< 200	---
Carbon Tetrachloride	5.00E+00	(2)	< 20	< 10	< 20	< 20	---
Chlorobenzene	1.00E+02	(2)	< 20	< 10	< 20	< 20	---
Chloroethane	-	-	< 40	< 20	< 40	< 40	---
Chloroform	1.00E+02	(3)	< 20	< 10	< 20	< 20	---
Chloromethane	2.03E+01	(4)	< 60	< 30	< 60	< 60	---
cis-1,2-DCE	7.00E+01	(2)	< 20	< 10	< 20	< 20	---
cis-1,3-Dichloropropene	-	-	< 20	< 10	< 20	< 20	---
Dibromochloromethane	1.68E+00	(4)	< 20	< 10	< 20	< 20	---
Dibromomethane	3.70E+02	(1)	< 20	< 10	< 20	< 20	---
Dichlorodifluoromethane	1.97E+02	(4)	< 20	< 10	< 20	< 20	---
Ethylbenzene	7.00E+02	(2)	**1900**	**1400**	**1700**	**1700**	---
Hexachlorobutadiene	8.60E-01	(1)	< 20	< 10	< 20	< 20	---
Isopropylbenzene	4.47E+02	(4)	**88**	**84**	**75**	**79**	---
Methyl tert-butyl ether (MTBE)	1.43E+02	(4)	**1400**	**480**	**950**	**790**	---

RCR
2015 Groundwate

			MW-65				**MW-66
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15
Methylene Chloride	5.00E+00	(2)	< 60	< 30	< 60	< 60	---
Naphthalene	1.65E+00	(4)	**210**	**240**	**430**	**400**	---
n-Butylbenzene	-	-	< 60	< 30	< 60	< 60	---
n-Propylbenzene	-	-	**250**	**190**	**200**	**230**	---
sec-Butylbenzene	-	-	< 20	**12**	< 20	< 20	---
Styrene	1.00E+02	(2)	< 20	< 10	< 20	< 20	---
tert-Butylbenzene	-	-	< 20	< 10	< 20	< 20	---
Tetrachloroethene (PCE)	5.00E+00	(2)	< 20	< 10	< 20	< 20	---
Toluene	7.50E+02	(3)	< 20	< 10	< 20	< 20	---
trans-1,2-DCE	1.00E+02	(2)	< 20	< 10	< 20	< 20	---
trans-1,3-Dichloropropene	4.30E-01	(1)	< 20	< 10	< 20	< 20	---
Trichloroethene (TCE)	5.00E+00	(2)	< 20	< 10	< 20	< 20	---
Trichlorofluoromethane	1.14E+03	(4)	< 20	< 10	< 20	< 20	---
Vinyl chloride	1.00E+00	(3)	< 20	< 10	< 20	< 20	---
Xylenes, Total	6.20E+02	(3)	**150**	**280**	**330**	**590**	---
Semi Volatile Organic Compounds (ug/l):							
1,2,4-Trichlorobenzene	7.00E+01	(2)	---	< 10	< 10	< 10	---
1,2-Dichlorobenzene	6.00E+02	(2)	---	< 10	< 10	< 10	---
1,3-Dichlorobenzene	-	-	---	< 10	< 10	< 10	---
1,4-Dichlorobenzene	7.50E+01	(2)	---	< 10	< 10	< 10	---
1-Methylnaphthalene	2.30E+00	(1)	---	**150**	**80**	**98**	---
2,4,5-Trichlorophenol	1.17E+03	(4)	---	< 10	< 10	< 10	---
2,4,6-Trichlorophenol	1.19E+01	(4)	---	< 10	< 10	< 10	---
2,4-Dichlorophenol	4.53E+01	(4)	---	< 20	< 20	< 20	---
2,4-Dimethylphenol	3.54E+02	(4)	---	**210**	**18**	**17**	---
2,4-Dinitrophenol	3.88E+01	(4)	---	< 20	< 20	< 20	---
2,4-Dinitrotoluene	2.37E+00	(4)	---	< 10	< 10	< 10	---
2,6-Dinitrotoluene	3.70E+01	(1)	---	< 10	< 10	< 10	---
2-Chloronaphthalene	2.90E+03	(1)	---	< 10	< 10	< 10	---
2-Chlorophenol	9.10E+01	(4)	---	< 10	< 10	< 10	---
2-Methylnaphthalene	1.50E+02	(1)	---	**150**	**130**	**150**	---
2-Methylphenol	1.80E+03	(1)	---	< 20	< 10	< 10	---
2-Nitroaniline	1.10E+02	(1)	---	< 10	< 10	< 10	---
2-Nitrophenol	-	-	---	< 10	< 10	< 10	---
3,3´-Dichlorobenzidine	1.50E-01	(1)	---	< 10	< 10	< 10	---
3+4-Methylphenol	1.80E+02	(1)	---	**14**	< 10	< 10	---
3-Nitroaniline	-	-	---	< 10	< 10	< 10	---
4,6-Dinitro-2-methylphenol	-	-	---	< 20	< 20	< 20	---
4-Bromophenyl phenyl ether	-	-	---	< 10	< 10	< 10	---
4-Chloro-3-methylphenol	-	-	---	< 10	< 10	< 10	---
4-Chloroaniline	3.40E-01	(1)	---	< 10	< 10	< 10	---
4-Chlorophenyl phenyl ether	-	-	---	< 10	< 10	< 10	---
4-Nitroaniline	3.40E+00	(1)	---	< 10	< 10	< 20	---
4-Nitrophenol	-	-	---	< 10	< 10	< 10	---
Acenaphthene	5.35E+02	(4)	---	< 10	< 10	< 10	---
Acenaphthylene	-	-	---	< 10	< 10	< 10	---
Aniline	1.20E+01	(1)	---	< 10	< 10	< 10	---
Anthracene	1.72E+03	(4)	---	< 10	< 10	< 10	---

			MW-65				**MW-66
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15
Azobenzene	1.20E-01	(1)	---	< 10	< 10	< 10	---
Benzo(a)anthracene	3.43E-01	(4)	---	< 10	< 10	< 10	---
Benzo(a)pyrene	2.00E-01	(2)	---	< 10	< 10	< 10	---
Benzo(b)fluoranthene	3.43E-01	(4)	---	< 10	< 10	< 10	---
Benzo(g,h,i)perylene	-	-	---	< 10	< 10	< 10	---
Benzo(k)fluoranthene	3.43E+00	(4)	---	< 10	< 10	< 10	---
Benzoic acid	1.50E+05	(1)	---	< 20	110	< 20	---
Benzyl alcohol	1.80E+04	(1)	---	< 10	< 10	< 10	---
Bis(2-chloroethoxy)methane	1.10E+02	(1)	---	< 10	< 10	< 10	---
Bis(2-chloroethyl)ether	1.36E-01	(4)	---	< 10	< 10	< 10	---
Bis(2-chloroisopropyl)ether	9.76E+00	(4)	---	< 10	< 10	< 10	---
Bis(2-ethylhexyl)phthalate	6.00E+00	(2)	---	< 10	< 10	< 10	---
Butyl benzyl phthalate	3.50E+01	(1)	---	< 10	< 10	< 10	---
Carbazole	-	-	---	< 10	< 10	< 10	---
Chrysene	3.43E+01	(4)	---	< 10	< 10	< 10	---
Dibenz(a,h)anthracene	1.06E-01	(4)	---	< 10	< 10	< 10	---
Dibenzofuran	-	-	---	< 10	< 10	< 10	---
Diethyl phthalate	1.48E+04	(4)	---	< 10	< 10	< 10	---
Dimethyl phthalate	-	-	---	< 10	< 10	< 10	---
Di-n-butyl phthalate	8.85E+02	(4)	---	< 10	< 10	< 10	---
Di-n-octyl phthalate	-	-	---	< 10	< 10	< 10	---
Fluoranthene	8.02E+02	(4)	---	< 10	< 10	< 10	---
Fluorene	2.88E+02	(4)	---	< 10	< 10	< 10	---
Hexachlorobenzene	1.00E+00	(2)	---	< 10	< 10	< 10	---
Hexachlorobutadiene	8.60E-01	(1)	---	< 10	< 10	< 10	---
Hexachlorocyclopentadiene	5.00E+01	(2)	---	< 10	< 10	< 10	---
Hexachloroethane	6.80E+00	(4)	---	< 10	< 10	< 10	---
Indeno(1,2,3-cd)pyrene	2.90E-02	(1)	---	< 10	< 10	< 10	---
Isophorone	7.79E+02	(4)	---	< 10	< 10	< 10	---
Naphthalene	1.65E+00	(4)	---	430	310	260	---
Nitrobenzene	1.40E+00	(4)	---	< 10	< 10	< 10	---
N-Nitrosodimethylamine	4.90E-03	(4)	---	< 10	< 10	< 10	---
N-Nitrosodi-n-propylamine	9.60E-03	(1)	---	< 10	< 10	< 10	---
N-Nitrosodiphenylamine	1.21E+02	(4)	---	< 10	< 10	< 20	---
Pentachlorophenol	1.00E+00	(2)	---	< 20	< 20	< 10	---
Phenanthrene	1.70E+02	(4)	---	< 10	< 10	< 10	---
Phenol	5.00E+00	(3)	---	< 10	39	52	---
Pyrene	1.17E+02	(4)	---	< 10	< 10	< 10	---
Pyridine	3.70E+01	(1)	---	< 10	< 10	260	---
General Chemistry (mg/l):							
Fluoride	1.6	(3)	< 0.50	< 0.10	< 0.50	< 0.5	---
Chloride	250	(3)	210	290	180	160	---
Nitrite	1	(2)	< 0.50	< 0.10	< 0.50	*< 1	---
Bromide	-	-	4.5	0.69	3.6	4.3	---
Nitrate	10	(3)	< 0.50	1.2	< 0.50	*< 1	---
Phosphorus	-	-	< 2.5	< 0.50	< 2.5	< 2.5	---
Sulfate	600	(3)	970	530	1500	1600	---
Carbon Dioxide ($CO_{2)}$	-	-	1300	1400	1200	1100	---
Alkalinity ($CaCO_3$)	-	-	1335	1500	1300	1200	---
Bicarbonate ($CaCO_3$)	-	-	1335	1500	1300	1200	---

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2015 Groundwate

			MW-65				**MW-66
			Aug-15	Aug-14	Aug-13	Aug-12	Aug-15
Total Metals (mg/l):							
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020	<0.02	---
Barium	1	(3)	**0.21**	**0.17**	**0.07**	**0.058**	---
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020	<0.002	---
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	<0.006	---
Lead	0.015	(2)	< 0.0050	< 0.0050	**0.0064**	<0.005	---
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	<0.05	---
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	<0.005	---
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	<0.0002	---
Dissolved Metals (mg/l):							
Arsenic	0.1	(3)	< 0.020	< 0.020	**0.023**	**0.020**	---
Barium	1	(3)	**0.2**	**0.17**	**0.057**	**0.053**	---
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	<0.002	---
Calcium	-	-	**270**	**250**	**350**	**410**	---
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	<0.006	---
Copper	1	(3)	< 0.0060	< 0.0060	< 0.020	<0.006	---
Iron	1	(3)	**7**	**3.4**	**8.9**	**12**	---
Lead	0.05	(3)	**0.0055**	< 0.0050	< 0.0010	< 0.001	---
Magnesium	-	-	**97**	**73**	**99**	**110**	---
Manganese	0.2	(3)	**1.8**	**2.7**	**3.7**	**5.3**	---
Potassium	-	-	**3.6**	**4.3**	**3.8**	**4.3**	---
Selenium	0.05	(3)	< 0.050	< 0.050	**0.021**	< 0.01	---
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	<0.005	---
Sodium	-	-	**680**	**650**	**700**	**860**	---
Uranium	0.03	(3)	< 0.10	< 0.10	**0.0073**	**0.010**	---
Zinc	10	(3)	**0.022**	< 0.020	< 0.010	**0.052**	---
Total Petroleum Hydrocarbons (mg/l):							
Diesel Range Organics	-	-	**7.7**	**7.4**	**5.2**	**2.3**	---
Gasoline Range Organics	-	-	**19**	**21**	**26**	**22**	---
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	<2.5	---

Notes:

(1) EPA - Regional Screening Levels (April 2009) - E

(2) EPA - Regional Screening Levels (April 2009) - M

(3) NMED WQCC standards - Title 20 Chapter 6, Par
use on location specific screening levels

(4) NMED TAP Water Screening Levels - NM Risk As

-	= No screening level available
*	= Laboratory analyzed for combined Nitrat
---	= Analyte inadvertently not included in san
---	= Analysis not required and/or well contain
	= Analytical result exceeds the respective
**	= Columns hidden when there are 4 or mo

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Collection and Observation
2015 Groundwater Remediation

			CW 0+60					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	**0.0012**	**0.0016**	**0.002**	**0.0056**	**0.071**	**0.014**
Toluene	0.750	(3)	< 0.001	<0.001	<0.001	<0.001	<0.001	<0.010
Ethylbenzene	0.700	(2)	< 0.001	**0.0017**	**0.0018**	<0.001	**0.0029**	<0.010
Xylene	0.620	(3)	< 0.0015	<0.0015	<0.0015	<0.0015	<0.002	<0.020
MTBE	0.143	(4)	< 0.001	<0.001	<0.001	<0.001	<0.001	<0.010
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	**1.7**	**1.4**	**0.74**	**1.7**	**1.3**	**1.7**
Gasoline Range Organics	-	-	**0.51**	**2.7**	**2.9**	---	---	---
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

			CW 25+95					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	**0.110**	**0.210**	**0.33**	**0.280**	**0.210**	**0.81**
Toluene	0.750	(3)	< 0.005	<0.050	<0.050	<0.010	<0.010	<0.010
Ethylbenzene	0.700	(2)	< 0.005	<0.050	<0.050	<0.010	<0.010	**0.045**
Xylene	0.620	(3)	< 0.0075	<0.075	<0.075	<0.0015	<0.010	<0.010
MTBE	0.143	(4)	< 0.005	<0.050	<0.050	<0.010	<0.020	<0.020
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	**1.3**	<0.20	**0.24**	<0.20	<0.20	**0.23**
Gasoline Range Organics	-	-	**1.7**	**0.88**	**0.80**	---	---	---
Motor Oil Range Organics	-	-	**3.1**	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5

			OW 0+60					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	< 0.001	<0.001	<0.001	---	---	---
Toluene	0.750	(3)	< 0.001	< 0.001	< 0.001	---	---	---
Ethylbenzene	0.700	(2)	< 0.001	< 0.001	< 0.001	---	---	---
Xylene	0.620	(3)	< 0.0015	<0.0015	<0.0015	---	---	---
MTBE	0.143	(4)	< 0.001	< 0.001	< 0.001	---	---	---
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	**1.7**	**3.2**	**1.5**	---	---	---
Gasoline Range Organics	-	-	**0.38**	**0.3**	**0.23**	---	---	---
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	---	---	---

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			OW 1+50					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	---	---	---	---	---	---
Toluene	0.750	(3)	---	---	---	---	---	---
Ethylbenzene	0.700	(2)	---	---	---	---	---	---
Xylene	0.620	(3)	---	---	---	---	---	---
MTBE	0.143	(4)	---	---	---	---	---	---
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	---	---	---	---	---	---
Gasoline Range Organics	-	-	---	---	---	---	---	---
Motor Oil Range Organics	-	-	---	---	---	---	---	---

			OW 3+85					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	< 0.001	---	---	<0.010	---	<0.010
Toluene	0.750	(3)	< 0.001	---	---	<0.010	---	<0.010
Ethylbenzene	0.700	(2)	< 0.001	---	---	**0.025**	---	**0.039**
Xylene	0.620	(3)	< 0.015	---	---	<0.0015	---	<0.020
MTBE	0.143	(4)	< 0.001	---	---	<0.010	---	<0.010
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	**12.0**	---	---	**110**	---	**43**
Gasoline Range Organics	-	-	**4.7**	---	---	**5.0**	---	**7.7**
Motor Oil Range Organics	-	-	< 2.5	---	---	<25	---	**5.1**

			OW 5+50					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	---	---	---	---	---	---
Toluene	0.750	(3)	---	---	---	---	---	---
Ethylbenzene	0.700	(2)	---	---	---	---	---	---
Xylene	0.620	(3)	---	---	---	---	---	---
MTBE	0.143	(4)	---	---	---	---	---	---
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	---	---	---	---	---	---
Gasoline Range Organics	-	-	---	---	---	---	---	---
Motor Oil Range Organics	-	-	---	---	---	---	---	---

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			OW 6+70					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	---	---	---	---	---	---
Toluene	0.750	(3)	---	---	---	---	---	---
Ethylbenzene	0.700	(2)	---	---	---	---	---	---
Xylene	0.620	(3)	---	---	---	---	---	---
MTBE	0.143	(4)	---	---	---	---	---	---
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	---	---	---	---	---	---
Gasoline Range Organics	-	-	---	---	---	---	---	---
Motor Oil Range Organics	-	-	---	---	---	---	---	---

			OW 8+10					
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13
Volatile Organic Compounds (mg/l)								
Benzene	0.005	(2)	---	---	---	---	---	---
Toluene	0.750	(3)	---	---	---	---	---	---
Ethylbenzene	0.700	(2)	---	---	---	---	---	---
Xylene	0.620	(3)	---	---	---	---	---	---
MTBE	0.143	(4)	---	---	---	---	---	---
Total Petroleum Hydrocarbons (mg/l):								
Diesel Range Organics	-	-	---	---	---	---	---	---
Gasoline Range Organics	-	-	---	---	---	---	---	---
Motor Oil Range Organics	-	-	---	---	---	---	---	---

Notes:
(1) EPA - Regional Screening Levels (April 2009) - EPA Screeni
(2) EPA - Regional Screening Levels (April 2009) - MCL
(3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.
(4) NMED TAP Water Screening Levels - NM Risk Assessment

-	= No screening level available
*	= Laboratory analyzed for combined Nitrate (As N) +
---	= Analyte inadvertently not included in sample analysi
---	= Analysis not required and/or well contains separate
	= Analytical result exceeds the respective screening l

			Aug-15	Apr-15	Aug-14	A
Volatile Organic Compounds (mg/L)						
Benzene	0.005	(2)	<0.001	<0.001	<0.001	<0
Toluene	0.75	(3)	<0.001	<0.001	<0.001	<0
Ethylbenzene	0.7	(2)	<0.001	<0.001	<0.001	<0
Xylene	0.62	(3)	<0.0015	<0.0015	<0.002	<0
MTBE	0.125	(5)	<0.001	<0.001	<0.001	<0
General Chemistry (mg/l):						
Fluoride	1.6	(3)	**0.17**	**0.52**	**0.50**	**0**
Chloride	250	(3)	**2.7**	**8.6**	**9.2**	
Nitrite	1	(2)	< 0.10	**0.13**	< 0.10	<
Bromide	-	-	< 0.10	< 0.10	**0.11**	**0**
Nitrate	10	(3)	**0.54**	**0.71**	**0.37**	
Phosphorus	-	-	< 0.50	< 0.50	< 0.50	<
Sulfate	600	(3)	**42**	**88**	**98**	
Carbon Dioxide (CO_2)	-	-	**78**	---	**320**	
Alkalinity ($CaCO_3$)	-	-	**85.24**	**344.8**	**350**	
Bicarbonate ($CaCO_3$)	-	-	**85.24**	**344.8**	**350**	
Total Metals (mg/l):						
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020	<
Barium	1	(3)	**0.063**	**0.087**	**0.19**	**0**
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020	< 0
Chromium	0.05	(3)	< 0.0060	< 0.0060	**0.0072**	< 0
Lead	0.015	(2)	< 0.0050	< 0.0050	< 0.0050	< 0
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	<
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	< 0
Dissolved Metals (mg/l):						
Arsenic	0.1	(3)	**0.001**	< 0.020	< 0.020	<
Barium	1	(3)	**0.06**	**0.089**	**0.089**	**0**
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	< 0
Calcium	-	-	**30**	**100**	**100**	
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	< 0
Copper	1	(3)	< 0.0060	< 0.0060	< 0.0060	< 0
Iron	1	(3)	< 0.020	< 0.020	< 0.020	<
Lead	0.05	(3)	< 0.00050	< 0.0050	< 0.0050	< 0
Magnesium	-	-	**5.2**	**21**	**22**	
Manganese	0.2	(3)	**0.0021**	**0.011**	< 0.0020	**0.**
Potassium	-	-	**1.7**	**1.4**	**1.7**	
Selenium	0.05	(3)	< 0.0010	< 0.050	< 0.050	<
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0
Sodium	-	-	**14**	**57**	**60**	
Uranium	0.03	(3)	< 0.00050	< 0.10	< 0.10	<
Zinc	10	(3)	**0.019**	< 0.020	< 0.020	<

Notes:

Seeps Analytical Summary - 201

			Seep #1						
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13	Au
Volatile Organic Compounds (mg/l):									
Benzene	0.005	(2)	---	<0.001	<0.001	<0.001	<0.001	<0.001	<0
Toluene	0.750	(3)	---	<0.001	<0.001	<0.001	<0.001	<0.001	<0
Ethylbenzene	0.700	(2)	---	<0.001	<0.001	<0.001	<0.001	<0.001	<0
Xylene	0.620	(3)	---	<0.0015	<0.002	<0.0015	<0.002	<0.002	<0
MTBE	0.125	(4)	---	**0.013**	<0.001	**0.066**	<0.001	**0.047**	<0
General Chemistry (mg/l):									
Fluoride	1.6	(3)	---	<1.0	**0.23**	**0.30**	<1.0	< 0.50	0
Chloride	250	(3)	---	**170**	**230**	**150**	**190**	**220**	3
Nitrite	1.0	(2)	---	<1.0	< 0.10	< 0.10	<1.0	< 0.50	<0
Bromide	-	-	---	**3.3**	**2.7**	**1.9**	**2.3**	**2.1**	2
Nitrate	10	(3)	---	<1.0	< 0.10	< 0.1	<1.0	< 0.50	<0
Phosphorus	-	-	---	<5.0	< 10	< 0.50	<5.0	< 2.5	<
Sulfate	600	(3)	---	**1200**	**1600**	**1200**	**1200**	**1700**	1
Carbon Dioxide (CO_2)	-	-	---	**390**	**350**	**390**	**250**	**430**	2
Alkalinity ($CaCO_3$)	-	-	---	**433.1**	**380**	**430**	**280**	**470**	2
Bicarbonate ($CaCO_3$)	-	-	---	**433.1**	**380**	**430**	**280**	**470**	2

			Seep #6						
			Aug-15	Apr-15	Aug-14	Apr-14	Aug-13	Apr-13	Au
Volatile Organic Compounds (mg/l):									
Benzene	0.005	(2)	---	---	---	<0.001	<0.001	<0.001	
Toluene	0.750	(3)	---	---	---	<0.001	<0.001	<0.001	
Ethylbenzene	0.700	(2)	---	---	---	<0.001	<0.001	<0.001	
Xylene	0.620	(3)	---	---	---	<0.0015	<0.002	<0.002	
MTBE	0.125	(4)	---	---	---	**0.0058**	<0.001	**0.0019**	
General Chemistry (mg/l):									
Fluoride	1.6	(3)	---	---	---	< 0.10	<1.0	< 0.50	
Chloride	250	(3)	---	---	---	**1600**	**8700**	**2500**	
Nitrite	1.0	(2)	---	---	---	< 2.0	<10	< 0.50	
Bromide	-	-	---	---	---	< 2.0	**5.6**	**1.8**	
Nitrate	10	(3)	---	---	---	< 0.10	<1.0	< 0.50	
Phosphorus	-	-	---	---	---	< 0.50	<5.0	< 2.5	
Sulfate	600	(3)	---	---	---	**1500**	**2800**	**1600**	
Carbon Dioxide (CO_2)	-	-	---	---	---	**390**	**150**	**300**	
Alkalinity ($CaCO_3$)	-	-	---	---	---	**420**	**160**	**330**	
Bicarbonate ($CaCO_3$)	-	-	---	---	---	**420**	**160**	**330**	

Notes:

(1) EPA - Regional Screening Levels (April 2009) - EPA Screening Levels.Tap Wate

(2) EPA - Regional Screening Levels (April 2009) - MCL

(3) NMED WQCC standards - Title 20 Chapter 6, Part 2, - 20.6.2.3101 Standards fo

(4) NMED TAP Water Screening Levels - NM Risk Assessment Guidance for Site In

*	= Laboratory analyzed for combined Nitrate (As N) + Nitrite (As N) to m
-	= No screening level available
---	= Analysis not required and/or no water present
	= Analytical result exceeds the respective screening level.

San
20

			Aug-15	Apr-15	Aug-14	
Volatile Organic Compounds (mg/l)						
Benzene	0.005	(2)	<0.001	<0.001	<0.001	<0
Toluene	0.750	(3)	<0.001	<0.001	<0.001	<0
Ethylbenzene	0.700	(2)	<0.001	<0.001	<0.001	<0
Xylene	0.620	(3)	<0.0015	<0.0015	<0.002	<0
MTBE	0.012	(4)	<0.001	<0.001	<0.001	<0
Total Petroleum Hydrocarbons (mg/l):						
Diesel Range Organics	-	-	< 0.20	< 0.20	< 0.20	< 0
Gasoline Range Organics	-	-	< 0.050	< 0.050	< 0.050	< 0
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2
General Chemistry (mg/l):						
Fluoride	1.6	(3)	**0.17**	**0.21**	**0.18**	**0.2**
Chloride	250	(3)	**2.9**	**3.8**	**3.2**	**3.8**
Nitrite	1.0	(2)	< 0.10	< 0.10	< 1.0	< 0
Bromide	-	-	< 0.10	< 0.10	< 0.10	< 0
Nitrate	10	(3)	< 0.10	< 0.10	< 1.0	< 0
Phosphorus	-	-	< 0.50	< 0.50	< 0.50	< 0
Sulfate	600	(3)	**53**	**93**	**58**	**87**
Carbon Dioxide (CO_2)	-	-	---	---	---	**89**
Alkalinity ($CaCO_3$)	-	-	**92**	**99.6**	**95**	**10**
Total Dissolved Solids	1000	(3)	**202**	**263**	**260**	**26**
Electric Conductivity	-	-	**310**	**405**	**330**	**39**
Total Metals (mg/l):						
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020	< 0
Barium	1.0	(3)	**0.17**	**0.057**	**0.17**	**0.0**
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020	< 0
Chromium	0.05	(3)	< 0.0060	< 0.0060	**0.0060**	< 0
Lead	0.015	(2)	< 0.0050	< 0.0050	< 0.0050	< 0
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	< 0
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	< 0
Dissolved Metals (mg/l):						
Arsenic	0.1	(3)	< 0.0010	< 0.020	**0.0011**	< 0
Barium	1	(3)	**0.074**	**0.062**	**0.078**	**0.0**
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	< 0
Calcium	-	-	**36**	**44**	**37**	**41**
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	< 0
Copper	1.0	(3)	< 0.0060	< 0.0060	< 0.0060	< 0
Iron	1.0	(3)	**0.085**	**0.028**	**0.35**	**0.0**
Lead	0.05	(3)	< 0.00050	< 0.0050	< 0.0010	< 0
Magnesium	-	-	**5.6**	**6.7**	**6.1**	**6.8**
Manganese	0.2	(3)	**0.0092**	**0.011**	**0.020**	**0.0**
Potassium	-	-	**2**	**2.2**	**2.0**	**1.9**
Selenium	0.05	(3)	< 0.0010	< 0.050	< 0.0010	< 0
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0
Sodium	-	-	**18**	**33**	**21**	**31**
Uranium	0.03	(3)	0.00067	< 0.10	< 0.0010	< 0
Zinc	10.0	(3)	**0.028**	**0.023**	< 0.010	< 0

Notes:

(1) EPA - Regional Screening Levels (A

(2) EPA - Regional Screening Levels (A

San
20

			Aug-15	Apr-15	Aug-14	
Volatile Organic Compounds (mg/l)						
Benzene	0.005	(2)	<0.001	<0.001	<0.001	<0
Toluene	0.750	(3)	<0.001	<0.001	<0.001	<0
Ethylbenzene	0.700	(2)	<0.001	<0.001	<0.001	<0
Xylene	0.620	(3)	<0.0015	<0.0015	<0.002	<0
MTBE	0.012	(4)	<0.001	<0.001	<0.001	<0
Total Petroleum Hydrocarbons (mg/l):						
Diesel Range Organics	-	-	< 0.20	< 0.20	< 0.20	< 0
Gasoline Range Organics	-	-	< 0.050	< 0.050	< 0.050	< 0
Motor Oil Range Organics	-	-	< 2.5	< 2.5	< 2.5	< 2
General Chemistry (mg/l):						
Fluoride	1.6	(3)	**0.17**	**0.21**	**0.18**	**0.2**
Chloride	250	(3)	**3**	**4.3**	**3.3**	**3.9**
Nitrite	1.0	(2)	< 0.10	< 0.10	< 1.0	< 0
Bromide	-	-	< 0.10	< 0.10	< 0.10	< 0
Nitrate	10	(3)	< 0.10	< 0.10	< 1.0	**0.1**
Phosphorus	-	-	< 0.50	< 0.50	< 0.50	< 0
Sulfate	600	(3)	**54**	**110**	**66**	**96**
Carbon Dioxide (CO_2)	-	-	---	---	---	**89**
Alkalinity ($CaCO_3$)	-	-	**91.56**	**99.56**	**96**	**99**
Total Dissolved Solids	1000	(3)	**204**	**232**	**225**	**26**
Electric Conductivity	-	-	**300**	**357**	**350**	**40**
Total Metals (mg/l):						
Arsenic	0.01	(2)	< 0.020	< 0.020	< 0.020	< 0
Barium	1.0	(3)	**0.16**	**0.061**	**0.18**	**0.0**
Cadmium	0.005	(2)	< 0.0020	< 0.0020	< 0.0020	< 0
Chromium	0.05	(3)	< 0.0060	< 0.0060	**0.0074**	< 0
Lead	0.015	(2)	< 0.0050	< 0.0050	< 0.0050	< 0
Selenium	0.05	(2)	< 0.050	< 0.050	< 0.050	< 0
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0
Mercury	0.002	(3)	< 0.00020	< 0.00020	< 0.00020	< 0
Dissolved Metals (mg/l):						
Arsenic	0.1	(3)	**0.001**	< 0.020	**0.0011**	< 0
Barium	1	(3)	**0.077**	**0.056**	**0.079**	**0.0**
Cadmium	0.01	(3)	< 0.0020	< 0.0020	< 0.0020	< 0
Calcium	-	-	**33**	**45**	**39**	**41**
Chromium	0.05	(3)	< 0.0060	< 0.0060	< 0.0060	< 0
Copper	1.0	(3)	< 0.0060	< 0.0060	< 0.0060	< 0
Iron	1.0	(3)	**0.062**	< 0.020	**0.34**	**0.0**
Lead	0.05	(3)	< 0.00050	< 0.0050	< 0.0010	< 0
Magnesium	-	-	**5.4**	**7.1**	**6.3**	**7.1**
Manganese	0.2	(3)	**0.01**	**0.034**	**0.028**	**0.0**
Potassium	-	-	**1.9**	**2.1**	**2.0**	**2.0**
Selenium	0.05	(3)	< 0.0010	< 0.050	< 0.0010	< 0
Silver	0.05	(3)	< 0.0050	< 0.0050	< 0.0050	< 0
Sodium	-	-	**19**	**39**	**22**	**36**
Uranium	0.03	(3)	**0.00062**	< 0.10	< 0.0010	< 0
Zinc	10.0	(3)	**0.021**	< 0.020	< 0.010	**0.0**

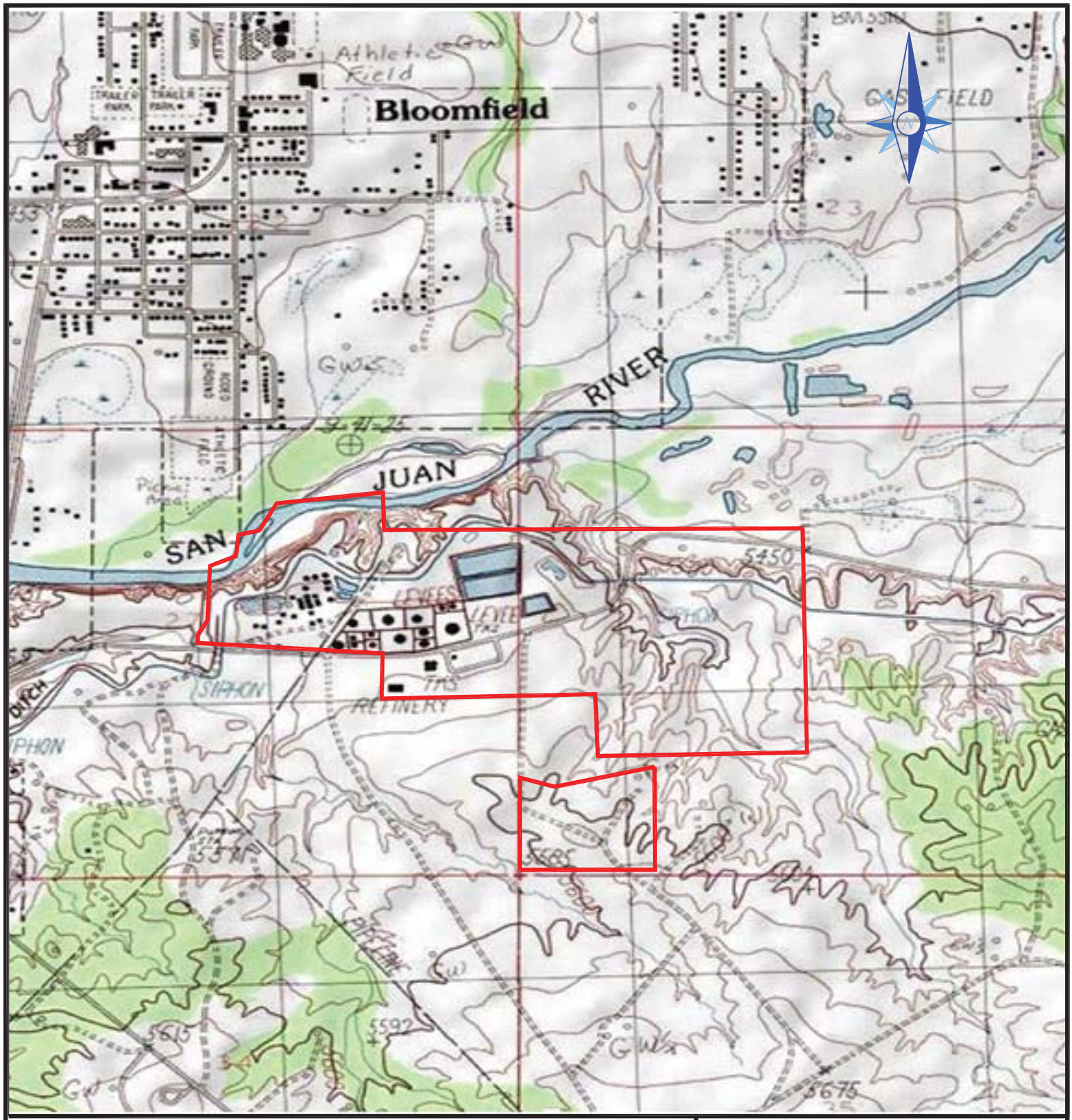
Notes:

(1) EPA - Regional Screening Levels (April 20

(2) EPA - Regional Screening Levels (April 20

(3) NMED WQCC standards - Title 20 Chapter

Figures



Bloomfield
New Mexico

Approximate Property Boundary

0 500 1000 1500 2000
Feet

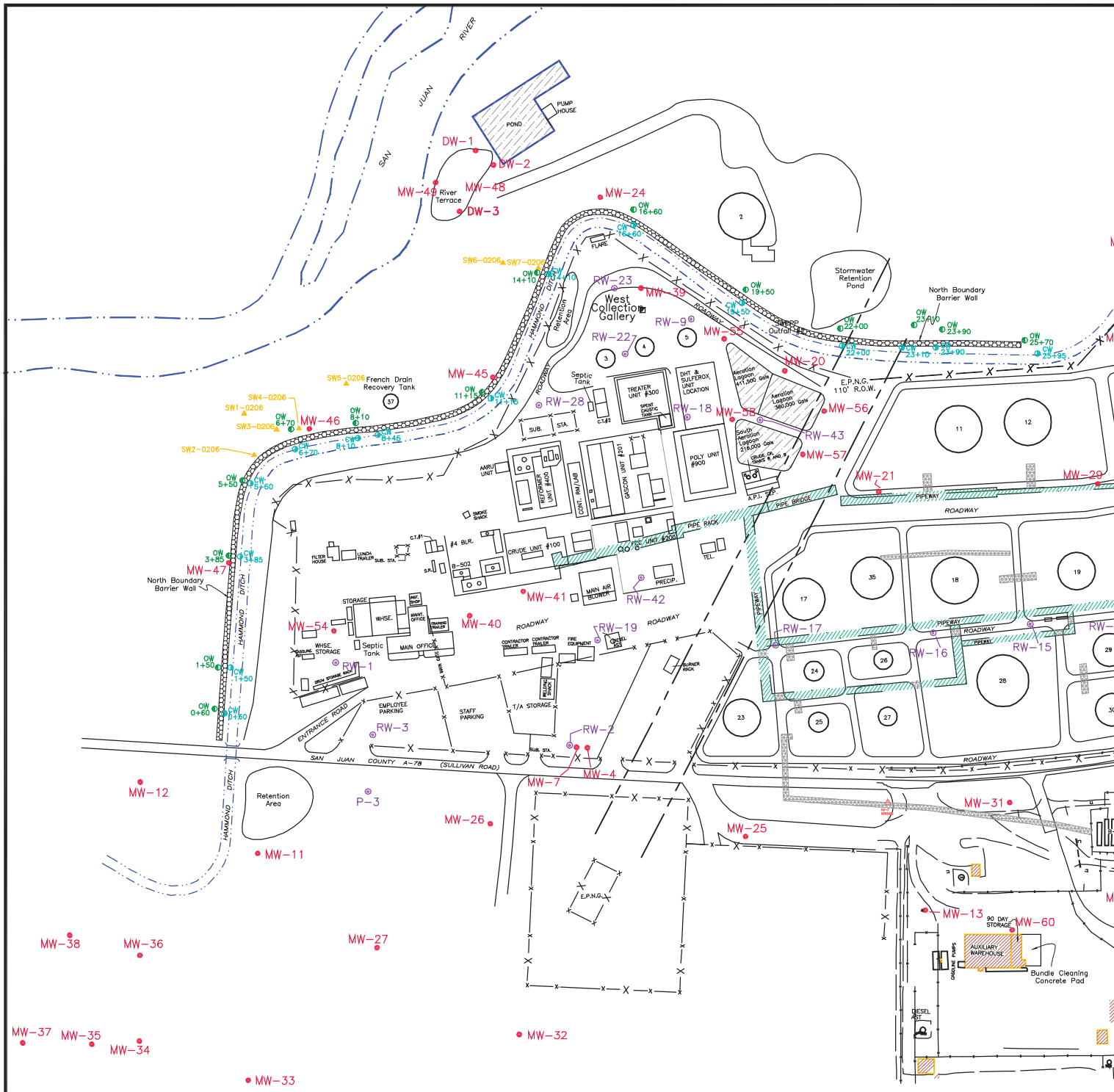
Western Refining

Bloomfield Terminal Facility Site Map

April 2016

Figure 1

Drawn By: TAG



LEGEND

MW-1 ●	MONITORING WELL LOCATION AND IDENTIFICATION NUMBER
RW-1 ⊙	RECOVERY WELL LOCATION AND IDENTIFICATION NUMBER
OW 1+50 ◐	OBSERVATION WELL LOCATION AND IDENTIFICATION NUMBER
CW 1+50 ◑	COLLECTION WELL LOCATION AND IDENTIFICATION NUMBER
SW1-0206 ▲	SUMP WELL LOCATION AND IDENTIFICATION NUMBER
P-2	PIEZOMETER IDENTIFICATION
	SURFACE WATER DRAINAGE PATTERN

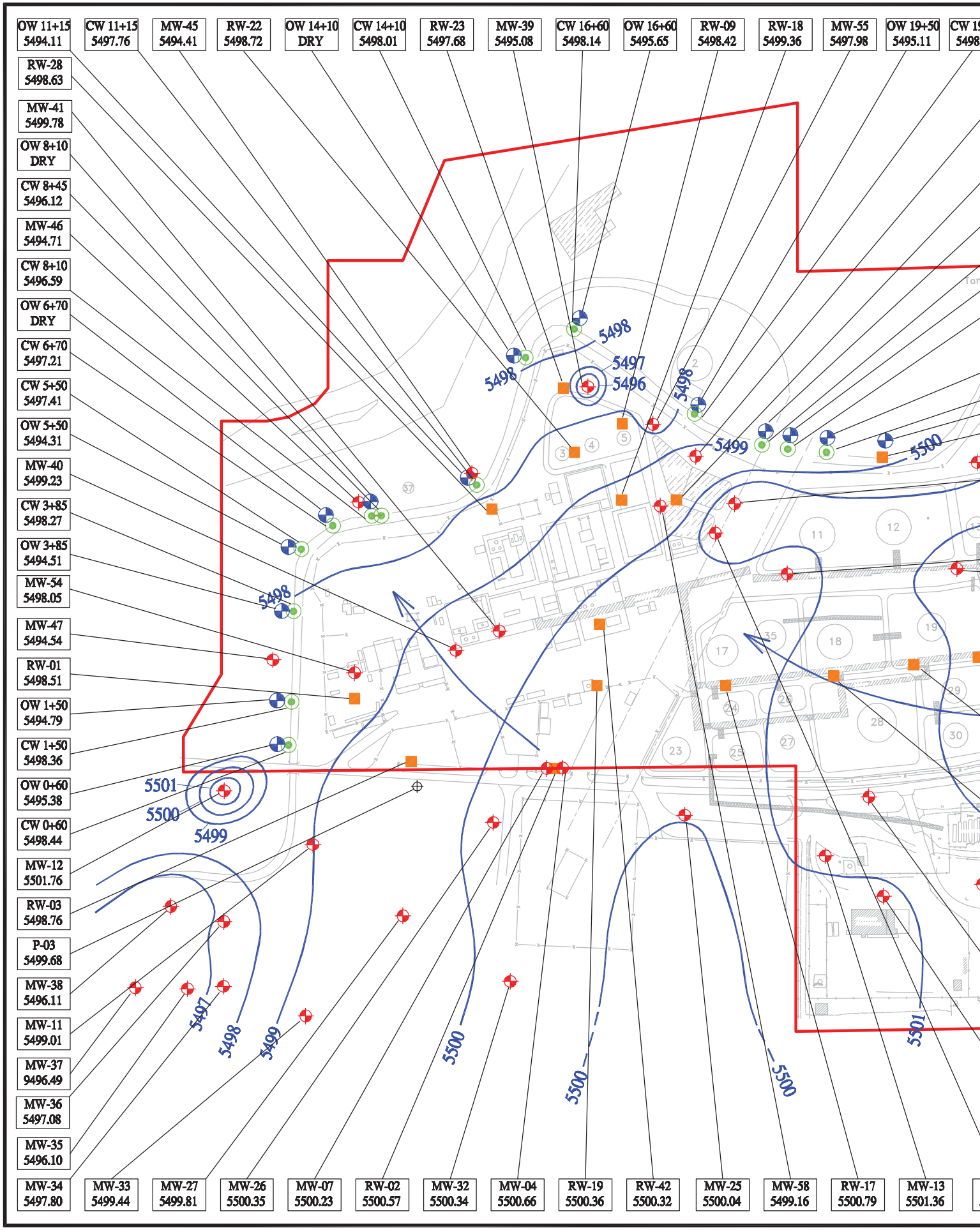
UNDER GRO
ABOVE GROU
SLURRY BAR
FORMER TAN

N

0 300

SCALE IN FEET


SW6
SW7
NORTH
OF 45
SEEP 2
DOWNSTREAM
SAMPLE POINT
NORTH
OF 46
SEEP 3
SEEP 1
SW5
SEEP 5
SW1
SW3
SW4
SW2
OUTFA
TANK
DOWNSTREAM
SAMPLE POINTS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CW 11+15 5497.76
MW-45 5494.41
RW-22 5498.72
OW 14+10 DRY
CW 14+10 5498.01
RW-23 5497.68
MW-39 5495.08
CW 16+60 5498.14
OW 16+60 5495.65
RW-09 5498.42
RW-18 5499.36
MW-55 5497.98
OW 19+50 5495.11
RW-28 5498.63
MW-41 5499.78
OW 8+10 DRY
CW 8+45 5496.12
MW-46 5494.71
CW 8+10 5496.59
OW 6+70 DRY
CW 6+70 5497.21
CW 5+50 5497.41
OW 5+50 5494.31
MW-40 5499.23
CW 3+85 5498.27
OW 3+85 5494.51
MW-54 5498.05
MW-47 5494.54
RW-01 5498.51
OW 1+50 5494.79
CW 1+50 5498.36
OW 0+60 5495.38
CW 0+60 5498.44
MW-12 5501.76
RW-03 5498.76
P-03 5499.68
MW-38 5496.11
MW-11 5499.01
MW-37 9496.49
MW-36 5497.08
MW-35 5496.10
MW-34 5497.80
MW-33 5499.44
MW-27 5499.81
MW-26 5500.35
MW-07 5500.23
RW-02 5500.57
MW-32 5500.34
MW-04 5500.66
RW-19 5500.36
RW-42 5500.32
MW-25 5500.04
MW-58 5499.16
RW-17 5500.79
MW-13 5501.36
5498
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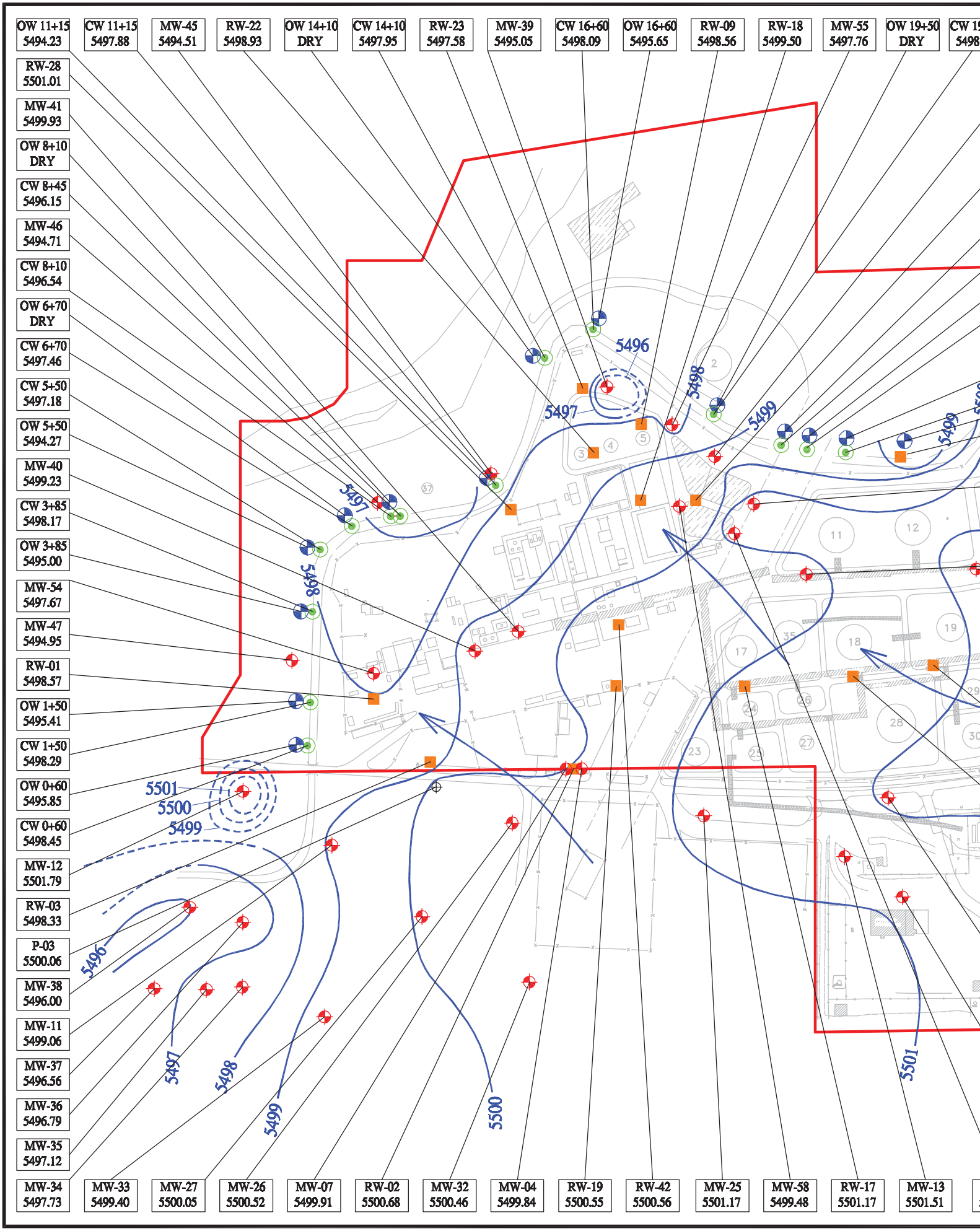
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CW 11+15 5497.88
MW-45 5494.51
RW-22 5498.93
OW 14+10 DRY
CW 14+10 5497.95
RW-23 5497.58
MW-39 5495.05
CW 16+60 5498.09
OW 16+60 5495.65
RW-09 5498.56
RW-18 5499.50
MW-55 5497.76
OW 19+50 DRY
RW-28 5501.01
MW-41 5499.93
OW 8+10 DRY
CW 8+45 5496.15
MW-46 5494.71
CW 8+10 5496.54
OW 6+70 DRY
CW 6+70 5497.46
CW 5+50 5497.18
OW 5+50 5494.27
MW-40 5499.23
CW 3+85 5498.17
OW 3+85 5495.00
MW-54 5497.67
MW-47 5494.95
RW-01 5498.57
OW 1+50 5495.41
CW 1+50 5498.29
OW 0+60 5495.85
CW 0+60 5498.45
MW-12 5501.79
RW-03 5498.33
P-03 5500.06
MW-38 5496.00
MW-11 5499.06
MW-37 5496.56
MW-36 5496.79
MW-35 5497.12
MW-34 5497.73
MW-33 5499.40
MW-27 5500.05
MW-26 5500.52
MW-07 5499.91
RW-02 5500.68
MW-32 5500.46
MW-04 5499.84
RW-19 5500.55
RW-42 5500.56
MW-25 5501.17
MW-58 5499.48
RW-17 5501.17
MW-13 5501.51
5496
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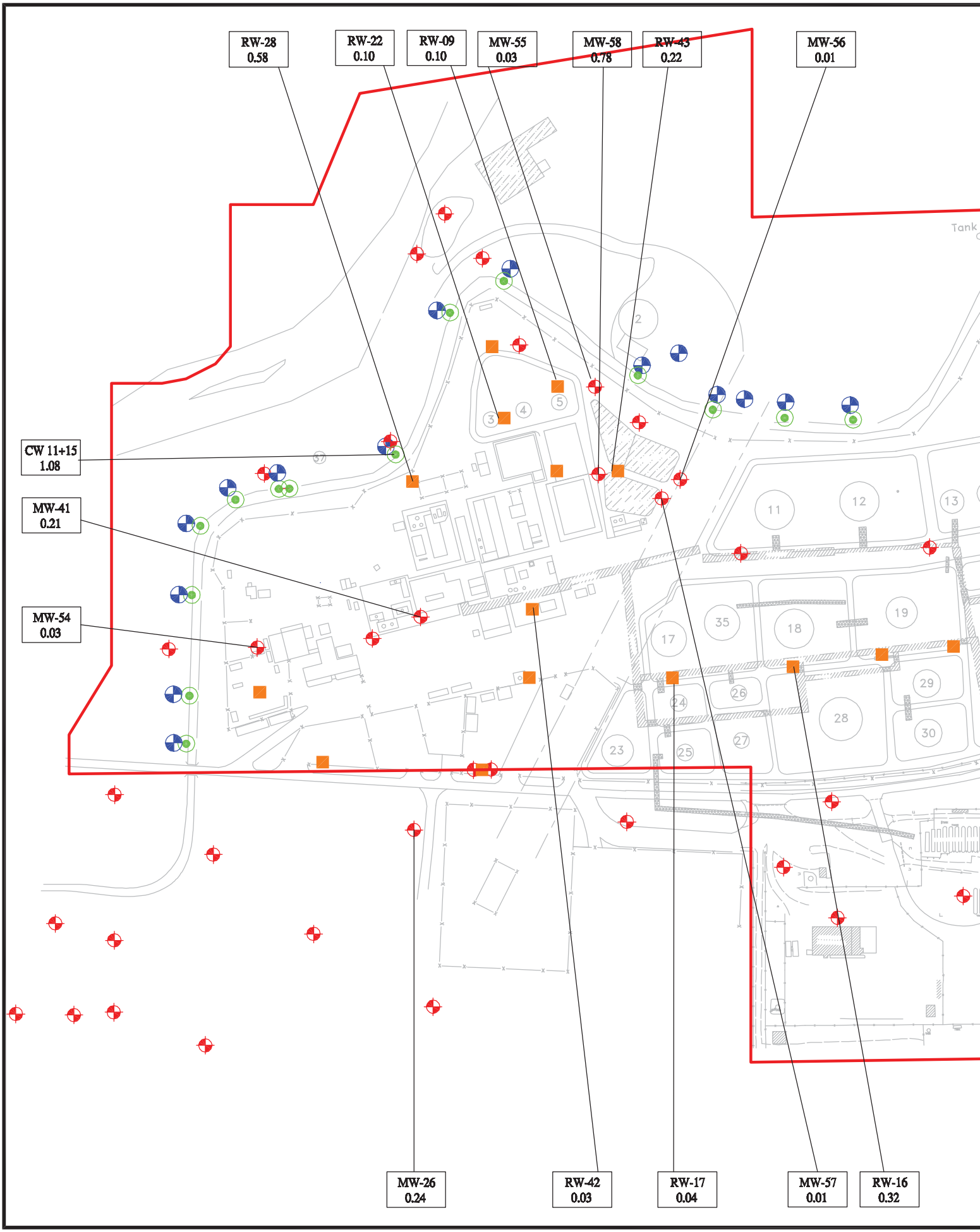
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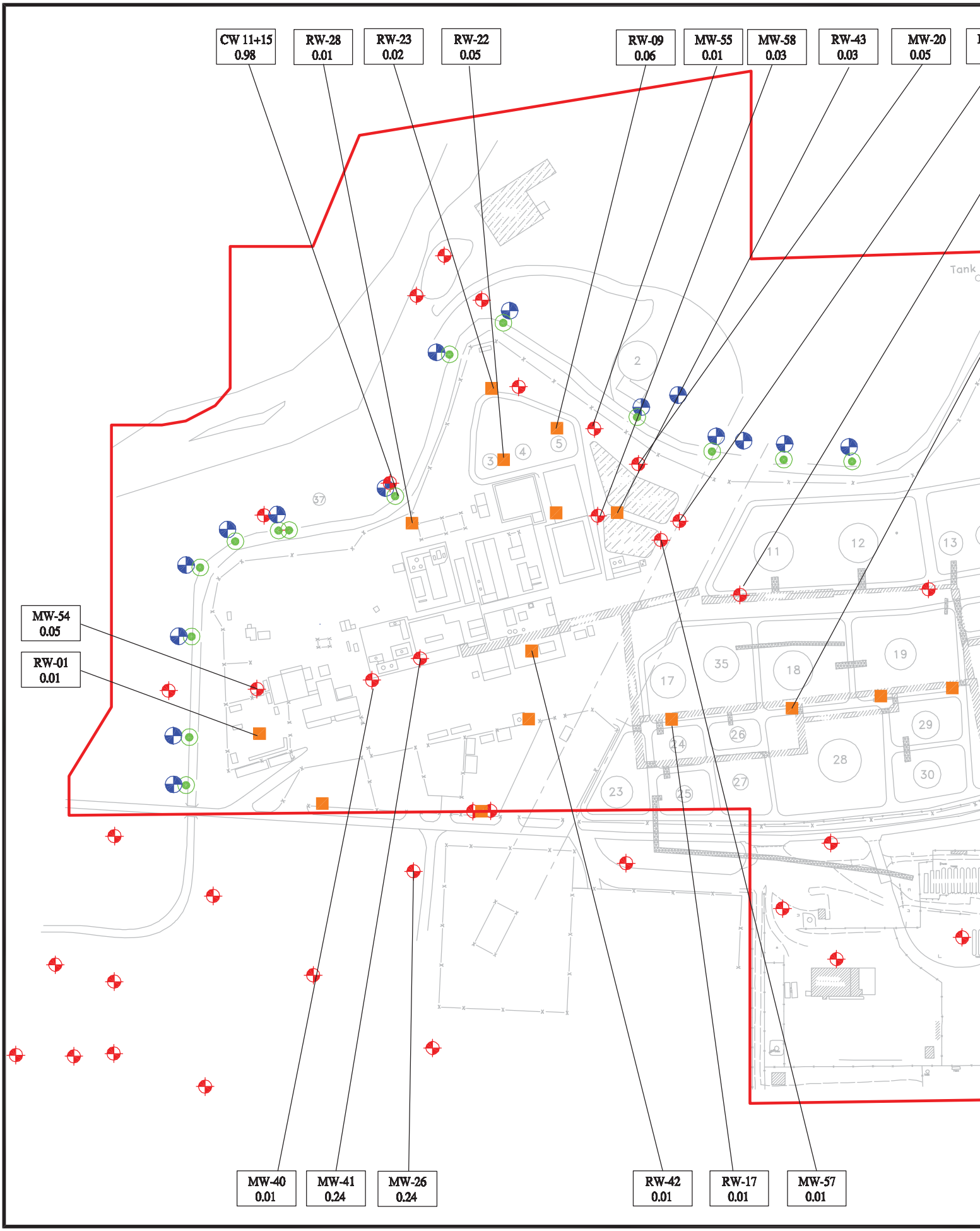
RW-22
0.10
RW-09
0.10
MW-55
0.03
MW-58
0.78
RW-43
0.22
MW-56
0.01
CW 11+15
1.08
MW-41
0.21
MW-54
0.03
MW-26
0.24
RW-42
0.03
RW-17
0.04
MW-57
0.01
RW-16
0.32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RW-23
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MW-55
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MW-58
0.03
RW-43
0.03
MW-20
0.05
MW-54
0.05
RW-01
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RW-42
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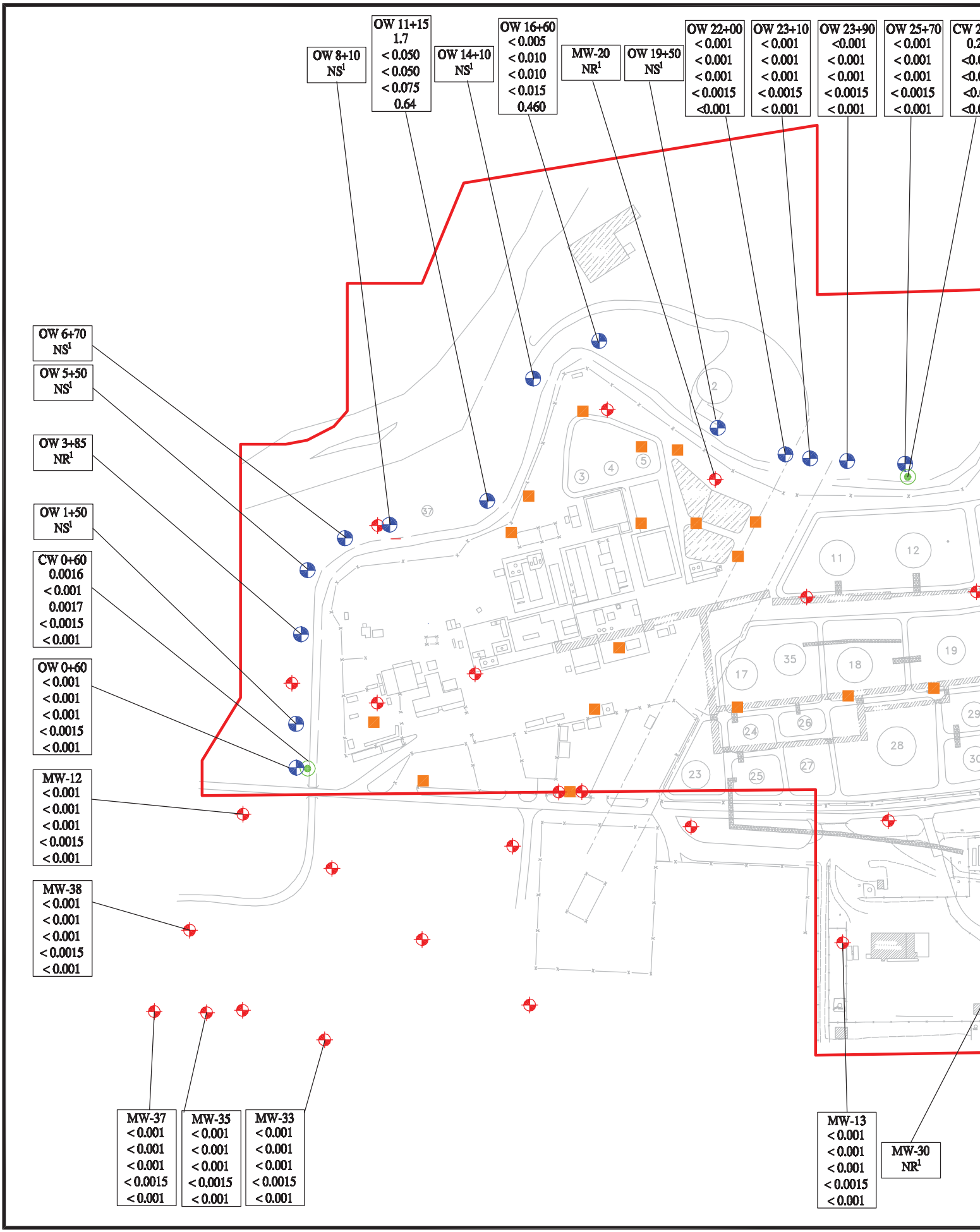
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OW 11+15
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< 0.050
< 0.050
< 0.075
0.64
OW 14+10
NS[1]
OW 16+60
< 0.005
< 0.010
< 0.010
< 0.015
0.460
MW-20
NR[1]
OW 19+50
NS[1]
OW 22+00
< 0.001
< 0.001
< 0.001
< 0.0015
<0.001
OW 23+10
< 0.001
< 0.001
< 0.001
< 0.0015
< 0.001
OW 23+90
<0.001
< 0.001
< 0.001
< 0.0015
< 0.001
OW 25+70
< 0.001
< 0.001
< 0.001
< 0.0015
< 0.001
OW 6+70
NS[1]
OW 5+50
NS[1]
OW 3+85
NR[1]
OW 1+50
NS[1]
CW 0+60
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< 0.001
0.0017
< 0.0015
< 0.001
OW 0+60
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< 0.001
< 0.001
< 0.0015
< 0.001
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< 0.001
< 0.001
< 0.001
< 0.0015
< 0.001
MW-38
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< 0.001
< 0.0015
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MW-37
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< 0.001
< 0.0015
< 0.001
MW-35
< 0.001
< 0.001
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< 0.001
MW-33
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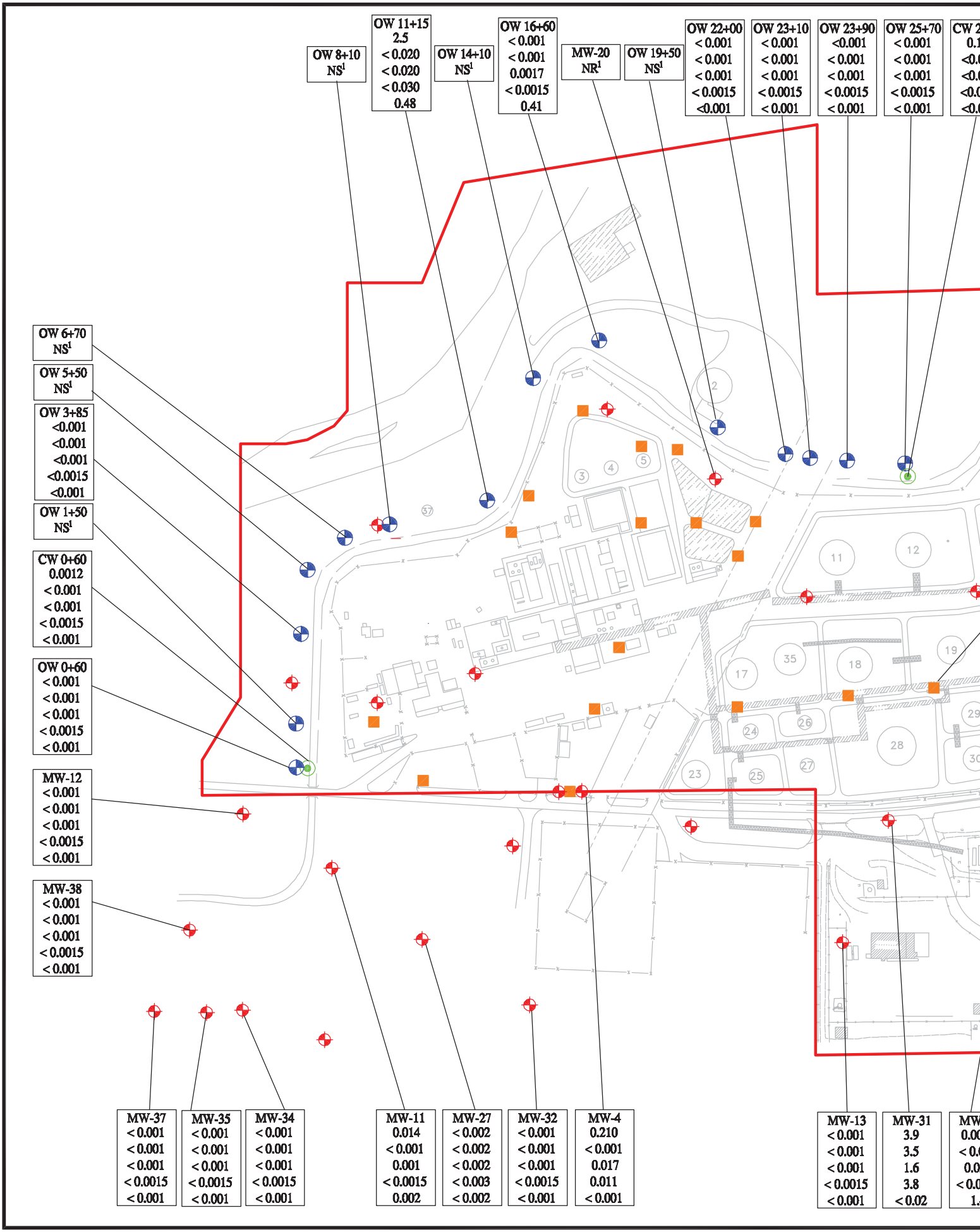
< 0.001
< 0.0015
< 0.001
MW-30
NR[1]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OW 11+15
2.5
< 0.020
< 0.020
< 0.030
0.48
OW 14+10
NS[1]
OW 16+60
< 0.001
< 0.001
0.0017
< 0.0015
0.41
MW-20
NR[1]
OW 19+50
NS[1]
OW 22+00
< 0.001
< 0.001
< 0.001
< 0.0015
<0.001
OW 23+10
< 0.001
< 0.001
< 0.001
< 0.0015
< 0.001
OW 23+90
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< 0.001
< 0.001
< 0.0015
< 0.001
OW 25+70
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< 0.001
< 0.001
< 0.0015
< 0.001
OW 6+70
NS[1]
OW 5+50
NS[1]
OW 3+85
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<0.001
<0.001
<0.0015
<0.001
OW 1+50
NS[1]
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< 0.001
< 0.0015
< 0.001
MW-38
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< 0.001
< 0.001
< 0.0015
< 0.001
MW-37
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< 0.001
< 0.001
< 0.0015
< 0.001
MW-35
< 0.001
< 0.001
< 0.001
< 0.0015
< 0.001
MW-34
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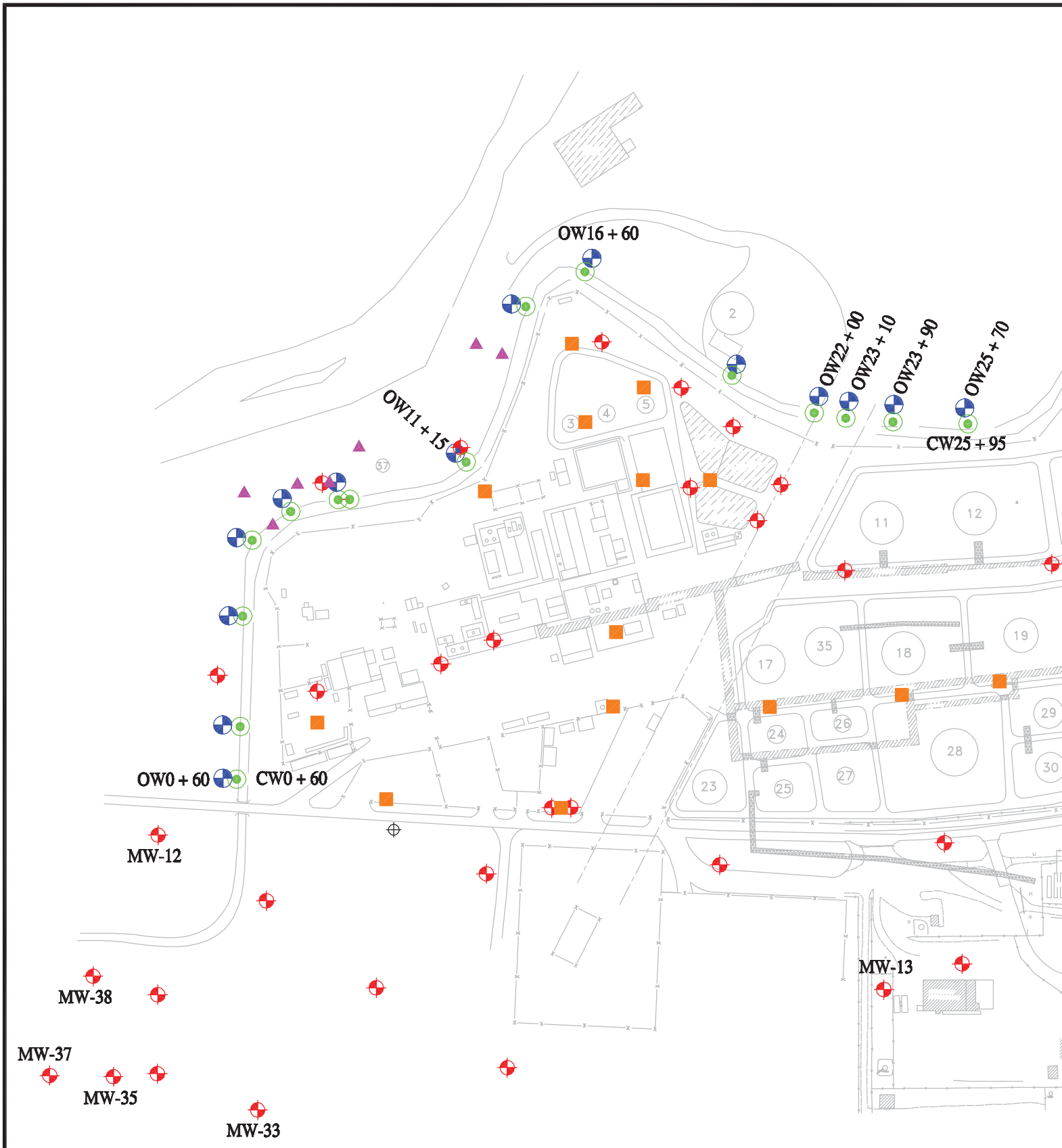
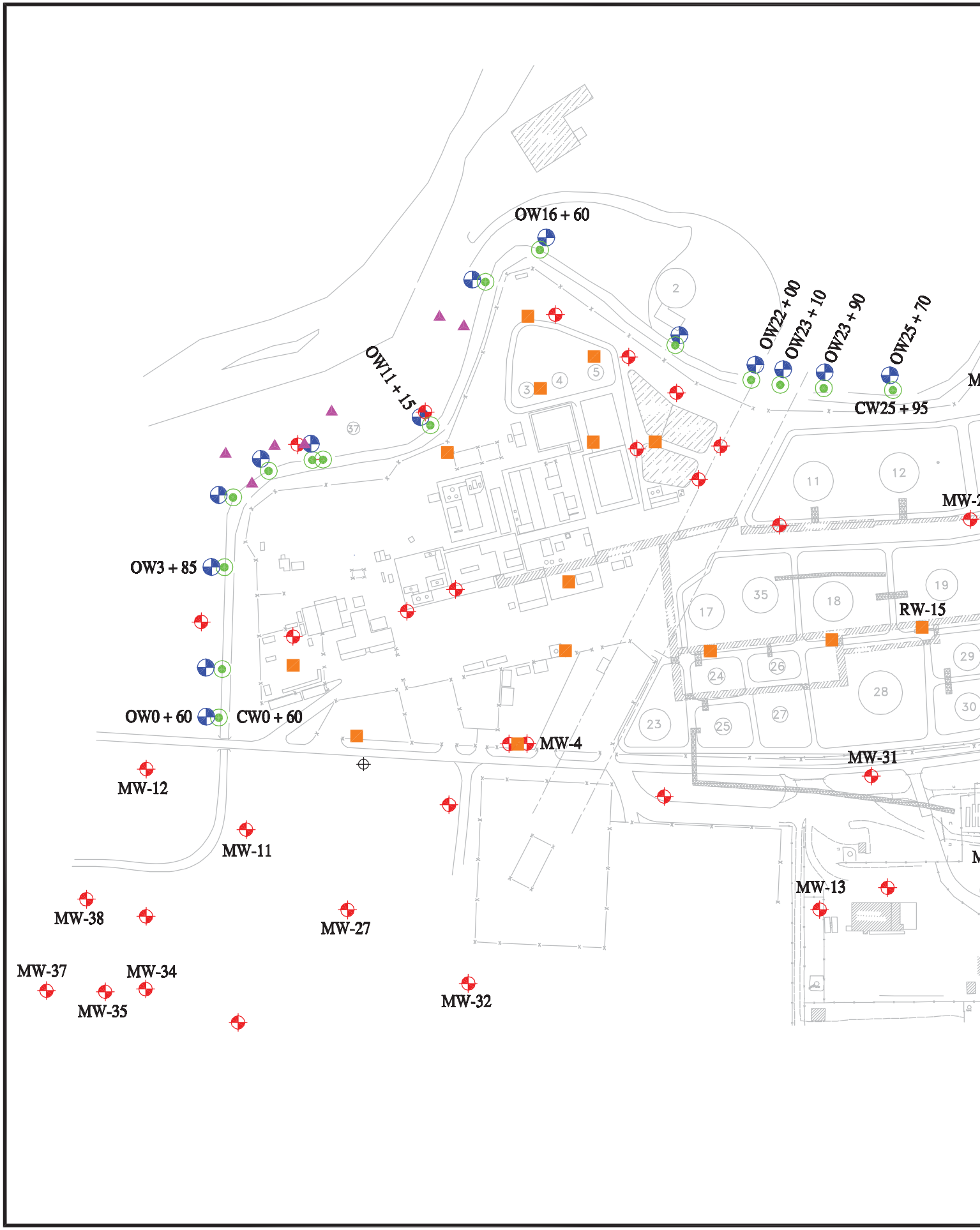
< 0.001
< 0.001
< 0.0015
< 0.001
MW-11
0.014
< 0.001
0.001
< 0.0015
0.002
MW-27
< 0.002
< 0.002
< 0.002
< 0.003
< 0.002
MW-32
< 0.001
< 0.001
< 0.001
< 0.0015
< 0.001
MW-4
0.210
< 0.001
0.017
0.011
< 0.001
MW-13
< 0.001
< 0.001
< 0.001
< 0.0015
< 0.001
MW-31
3.9
3.5
1.6
3.8
< 0.02


OW16 + 60
OW11 + 15
OW22 + 00
OW23 + 10
OW23 + 90
OW25 + 70
CW25 + 95
OW0 + 60
CW0 + 60
MW-12
MW-38
MW-37
MW-35
MW-33
MW-13


OW16 + 60
OW11 + 15
OW22 + 00
OW23 + 10
OW23 + 90
OW25 + 70
CW25 + 95
OW3 + 85
RW-15
OW0 + 60
CW0 + 60
MW-4
MW-12
MW-31
MW-11
MW-13
MW-38
MW-27
MW-37
MW-34
MW-35
MW-32

Appendix A

Field Methods

Appendix A

Groundwater Elevation

All facility monitoring wells, recovery wells, observation and collection wells were measured for groundwater elevation in April, and August. Terminal personnel followed the guidelines of the *Facility-Wide Groundwater Monitoring Plan June 2011* to collect groundwater levels and SPH thickness measurements in April. In August terminal personnel followed the revisions received in June 2012.

All water/product levels are determined to an accuracy of 0.01 foot using a Geotech Interface Meter. The technician records separate phase hydrocarbon, depth to water, and total well depth using this probe.

Water Quality/Groundwater Sampling

An YSI ProComm II is used to determine dissolved Oxygen (DO), electrical conductance, oxidation-reduction potential (ORP), Total Dissolved Solids (TDS), pH, and temperature are monitored during purging.

Well Purging Technique

After determining water levels initial well volumes are calculated. Total purge volume is determined by monitoring electrical conductance, pH, temperature, after every two gallons or each well volume, whichever is less, has been purged from the well. The wells were considered satisfactorily purged when the field parameter values did not vary by more than 10 percent for at least three measurements.
Well volumes are determined using the following equation:
Well Depth – Casing Height – Depth to Liquid X Conversion Factor X Three.
The conversion factor is determined by the diameter of the well casing.

Casing	Conversion Factor
6”	1.50 gal/ft
5”	1.02 gal/ft
4”	0.74 gal/ft
3”	0.367 gal/ft
2”	0.163 gal/ft

Disposable bailers are used for purging and sampling. Each bailer holds one liter of liquid. Three well volumes can be calculated by counting the number of times a well is bailed.

Well Sampling and Sample Handling Procedure

Equipment and supplies needed for collecting representative groundwater samples include:

- Interface Meter
- YSI ProComm II

- Distilled Water
- Disposable Latex Gloves
- Disposable Bailers
- String/Twine
- Cooler with Ice
- Bottle kits with Preservatives (provided by the contract laboratory)
- Disposable 0.45 micron Field Filters and Syringes
- Glass Jar (usually 4 oz.)
- Sharpie Permanent Marker
- Field Paperwork/Logsheet
- Two 5-gallon buckets
- Trash container (plastic garbage bag)
- Ziploc Bags
- Paper towels

After sufficient purging, samples are collected with the bailer and poured into the appropriate sample containers. Two people are usually utilized for sampling. Sampling takes place over a bucket to insure that spills are contained

For dissolved metals, sample water is poured into a jar and then extracted with a syringe. The syringe is then used to push water through a field filter into the proper sample bottle to collect the dissolved metals sample. Volatile organic analysis samples are collected as to allow no head space in the container.

Samples are labeled immediately with location, date, time, analysis, preservative, and sampler. Then they are put in a Ziploc bag and placed in a cooler holding sufficient ice to keep them cool. The field logsheet is reviewed to verify all entries.

Purge and Decontamination Water Disposal

YSI ProComm II and the interface probe are rinsed with distilled water after every well. The rinse procedure takes place over a bucket to insure that spills are contained.
All rinse and purge water is contained and then disposed of through the terminal wastewater system.

Any glassware used is washed with Alconox and water and rinsed with distilled water. Wastewater runs through the terminal wastewater system.

Instrument Calibration

The YSI ProComm II is use to measure Dissolved Oxygen (DO), electrical conductance, oxidation-reduction potential (ORP), Total Dissolved Solids (TDS), pH and is calibrated before each sampling event per the manufacture instruction manual.

Remediation System Measurement

Recovery well flows are measured using a 1000 ml graduated cylinder. The sample port on the discharge line of the pump is opened and effluent flows into the graduated cylinder. During a pump cycle, a measurement is taken over time and then calculated to a gallon per day rate.

Recovery rates at Tk #37 (Hammond Ditch French Drain) and Tk #38 (#1 East Outfall) are determined through flow meters installed in those systems. Refinery personnel record the rates periodically.

Appendix B

Record

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: SAN JUAN River 4-22-15

Project #: PO# 12618956

Project Manager:

Sampler: Bob & MATT

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504A00	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals Total	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO Ext. 8015B	Dissolved Metals Total	Alk. 310.1	Anions 300.0	Air Bubbles (Y or N)
Stream	5-VOA	HCl	-001			X							X						
	1-~~Liter~~ 500	amber													X				
	1-500ml	HNO_3								X									
filtered	1-120ml	HNO_3														X			
	1-500ml	—															X		
	1-120ml	H_2SO_4																X	
US Stream	5-VOA	HCl	-002			X							X						
	1-~~Liter~~ 500	amber													X				
	1-500ml	HNO_3								X									
Filtered	1-120ml	HNO_3														X			
	1-500ml	—															X		
	1-120ml	H_2SO_4																X	

Received by: Date Time

Remarks:

Received by: Date Time

04/23/15 0800

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: SAN JUAN RIVER 4-22-15

Project #: PO# 12610956

Project Manager:

Sampler: Bob & MATT

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504A00	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO, EXT, 8015B	Total Dissolved metals	Alk 310.1	Anions 300.1	Air Bubbles (Y or N)
of 45	5-VOA	HCl	-003			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filtered	1-120ml	HNO_3														X			
	1-500ml	—															X		
	1-120ml	H_2SO_4				[redacted]							[redacted]					X	
of 46	5-VOA	HCl	-004			X							X		[redacted]				
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filtered	1-120ml	HNO_3														X			
	1-500ml	—															X		
	1-120ml	H_2SO_4																X	

Received by: Date Time

Chris Walters 4/22/15 1428

Received by: Date Time

Ashley Gallegos 04/23/15 0800

Remarks:

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: San Juan River Bluff 4-22-15

Project #: PO# 12610956

Project Manager:

Sampler: Bob + MATT

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504A01	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	Dissolved MeTA/S	ALK 310.1	ANIONS 300.0		Air Bubbles (Y or N)
ail 2	3-VOA	HCl	-001										X						
	1-500	HNO_3								X									
	1-120	HNO_3													X				
	1-500															X			
	1-120	H_2SO_4															X		
ail 3	3-VOA	HCl	-002										X						
	1-500	HNO_3								X									
	1-120	HNO_3													X				
	1-500															X			
	1-120	H_2SO_4															X		

Received by: Matt Walt Date 4/22/15 Time 1428

Received by: Ashley M Gallegos Date 04/23/15 Time 0800

Remarks:

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: San Juan River Bluff Seeps 4-22-15

Project #: PO# 12610956

Project Manager:

Sampler: Bob & MATT

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504A02	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	Gen. Chem. 310.1 ALK	CO_2 310.1			Air Bubbles (Y or N)
#1	3-VOA	HCl	-001										X						
	1-500ml										X		X			X			
	1-120ml	H_2SO_4													X				
#1 Dup	3-VOA	HCl	-002										X						
	1-500ml										X					X			
	1-120ml	H_2SO_4											X						

Received by: Christa Ward Date 4/22/15 Time 1428

Received by: Ashley M Gallegos Date 04/23/15 Time 0800

Remarks: Trip BLANK -003

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Down Gradient wells

Project #: PO# 126109566

Project Manager:

Sampler: Bob + Matt

On Ice: ☒ Yes ☐ No

Sample Temperature: 3.3

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Analysis Request

le Request ID	Container Type and #	Preservative Type	HEAL No. 1504854	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-Ext, 8015B				Air Bubbles (Y or N)
-12	5-VOA	HCl	-001			X							X						
\	1-500ml	amber	-001												X				
-35	5-VOA	HCl	-002			X							X						
\	1-500ml	amber	-002												X				
-37	5-VOA	HCl	-003			X							X						
\	1-500ml	amber	-003												X				
w-38	5-VOA	HCl	-004			X							X						
\	1-500ml	amber	-004												X				
Sate			-005										X						

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Received by: [signature] Date 04/21/15 Time 0730

Remarks:

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Record

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(Full Validation)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Cross-Gradient wells
Project #: PO# 126109 56
Project Manager:
Sampler: Bob & MATT
On Ice: ☒ Yes ☐ No
Sample Temperature: 3.3

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Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504855	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-Extend. 8015B				Air Bubbles (Y or N)
1	5-VOA	HCl	-001			X							X						
	1-500ml	amber	-001												X				
-13	3-VOA	HCl	-002										X						
-33	5-VOA	HCl	-003			X							X						
\	1-500ml	amber	-003												X				

	Received by:	Date	Time	Remarks:
kow	[signature]	4/20/15	1421	
tta	Received by: [signature]	04/21/15	0730	

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Record

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4 (Full Validation)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Refinery Wells

Project #:

PO# 12610956

Project Manager:

Sampler: Bob & MATT

On Ice: ☒ Yes ☐ No

Sample Temperature: 3.3

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Analysis Request

le Request ID	Container Type and #	Preservative Type	HEAL No. 1504863	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	Air Bubbles (Y or N)
~~[illegible]~~	~~[illegible]~~	~~[illegible]~~										~~X~~	~~X~~		
)-52	3-VOA	HCl	-001										X		
W-52Dup	3-VOA	HCl	-002										X		
Blank			-003										X		

Received by: [signature] Date 4/20/15 Time 1621

Received by: [signature] Date 04/21/15 Time 0730

Remarks:

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Collection Wells 4-21-15

Project #: PO# 12610956

Project Manager:

Sampler: Bob & MATT

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0°

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504929	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO Ext. 8015 B				Air Bubbles (Y or N)
0+60	5-VOA	HCl	-001										X						
	1-500ml	amber	-001												X				
25+95	5-VOA	HCl	-002										X						
	1-500ml	amber	-002												X				
25+95Dup	5-VOA	HCl	-003										X						
	1-500ml	amber	-003												X				
Blank			-004										X						

Received by: Date Time 4/21/15 1357

Received by: Date Time 04/22/15 0800

Remarks:

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Record

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135

(Full Validation)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

North Boundary Barrier 4-21-15

Project #:

PO#126010956

Project Manager:

Sampler: Bob & MATT

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504933	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTE, MTBE only	8270 (Semi-VOA)	DRO-Ext. 8015B				Air Bubbles (Y or N)
-16+60	5-VOA	HCl	-001			X							X						
	1-500ml	Amber	-001												X				
-11+15	5-VOA	HCl	-002			X							X						
\	1-500ml	Amber	-002												X				
-0+60	5-VOA	HCl	-003			X							X						
\	1-500ml	Amber	-003												X				
~~5-VOA~~	~~HCl~~					X							X						
\	1-500ml	Amber													X				
~~5-VOA~~	~~HCl~~					X							X						
~~1-500ml~~	~~Amber~~														X				

Received by: Date Time 4/21/15 1357

Received by: Date Time 04/22/15 0800

Remarks:

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Record

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87413

4135

(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: North Boundary Barrier 4-21-15

Project #: PO# 126109560

Project Manager:

Sampler: Bob + Matt

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1504934	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-Ext. 8015B				Air Bubbles (Y or N)
- 25+70	5-VOA	HCl	-001			X							X						
\	1-500	Amber	-001												X				
- 23+80	5-VOA	HCl	-002			X							X						
\	1-500	Amber	-002												X				
- 23+10	5-VOA	HCl	-003			X							X						
\	1-500	Amber	-003												X				
- 22+00	5-VOA	HCl	-004			X							X						
\	1-500	Amber	-004												X				
Rinsate	3-VOA	HCl	-005										X						

Received by: Date Time

Matt Walk 4/21/15 1357

Received by: Date Time

04/22/15 0800

Remarks:

Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

LINING

990

3741 3

4135

(Full Validation)

e Request ID

-11

filter

N-12

akow

Walt

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

DownGradient wells 8-20-15

Project #:

PO# 126/10955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

Container Type and #	Preservative Type	HEAL No. 1508A58
5-VOA	HCl	-001
1-500ml	amber	
1-500ml	HNO_3	
1-125ml	HNO_3	
1-500ml		
1-125ml	H_2SO_4	
5-VOA	HCl	-002
1-500ml	amber	
1-500ml	HNO_3	
1-125ml	HNO_3	
1-500ml		
1-125ml	H_2SO_4	

Received by: Date Time

Matt Walter 8/20/15 1619

Received by: Date Time

Joe Acosta 08/21/15 0800

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext. 8015B	Dissolved metals	Gen. chem., Alk	Anions, CO_3	Air Bubbles (Y or N)
		X							X						
											X				
						X									
												X			
													X		
														X	
		X							X						
											X				
						X									
												X			
													X		
														X	

Remarks:

Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

iNiNg

990

8744-3

35

(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: DownGradieNT Wells 8-20-15

Project #: P.O.# 12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508A58	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals Total	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext. 8015B	Dissolved Metals	Gen. Chem. Alk	Anions, CO_3	Air Bubbles (Y or N)
-34	5-VOA	HCl	-003			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml	—															X		
	1-125ml	H_2SO_4																X	
-35	5-VOA	HCl	-004			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml	—															X		
	1-125ml	H_2SO_4																X	

Received by: Date Time

Received by: Date Time

Remarks:

Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

JiNg

390

87413

135

(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Down Gradient wells 8-20-15

Project #: PO# 12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508A58	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTALS	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT. 8015B	Dissolved METALS	Gen. Chem.: Alk ANIONS, CO_2		Air Bubbles (Y or N)
-37	5-VOA	HCl	-005			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml																X		
	1-125ml	H_2SO_4																X	
-38	5-VOA	HCl	-004			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml																X		
	1-125ml	H_2SO_4																X	

Received by: Mistie Wade Date Time 8/20/15 1019

Received by: Jac. Acklie Date Time 08/21/15 0800

Remarks:

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Wade

vironmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

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(Full Validation)

e Request ID

-11 Dup

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Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Down Gradient wells 8-20-15

Project #:

P.O.# 126/0955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

Container Type and #	Preservative Type	HEAL No. 1508A58
5-VOA	HCl	-007
1-500ml	Amber	
1-500ml	HNO_3	
1-125ml	HNO_3	
1-500ml		
1-125ml	H_2SO_4	

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext. 8015B	Dissolved Metals	Gen. Chem.: Alk	Anions, CO_3	Air Bubbles (Y or N)
		X							X						
											X				
						X									
												X			
													X		
														X	

Received by: Mike Walker Date 8/20/15 Time 1019

Received by: Jae Richey Date 08/21/15 Time 0800

Remarks:

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...Walker

...nvironmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

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(Full Validation)

e Request ID

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N-30

filter

filter

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Refinery Wells 8-25-15

Project #: PO # 126 10955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.1

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Tel. 505-345-3975 Fax 505-345-4107

Container Type and #	Preservative Type	HEAL No. 1508152
5-VOA	HCl	-001
1-500ml	amber	-001
1-500ml	HNO_3	-001
1-125ml	HNO_3	-001
1-500ml	—	-001
1-125ml	H_2SO_4	-001
5-VOA	HCl	-002
1-500ml	amber	-002
1-500ml	HNO_3	-002
1-125ml	HNO_3	-002
1-500ml	—	-002
1-125ml	H_2SO_4	-002

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT. 8015B	Dissolved metals	Gen. Chem. Alk	Anions, CO_2	Air Bubbles (Y or N)
		X							X						
											X				
						X									
												X			
													X		
														X	
		X							X						
											X				
						X									
												X			
													X		
														X	

Received by: Matt Walt Date 8/25/15 Time 1219

Received by: Date 08/26/15 Time 0700

Remarks:

vironmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

NiNg

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35

(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Refinery Wells 8-25-15

Project #: P.O.# 1261095 5

Project Manager:

Sampler: Bob + Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.1

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Request ID	Container Type and #	Preservative Type	HEAL No. 1508152	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT 8015B	Dissolved Metals	Gen. chem, Alk	Anions, CO_2	Air Bubbles (Y or N)
-44	5-VOA	HCl	-003			X							X						
	1-500ml	amber	-003												X				
	1-500ml	HNO_3	-003							X									
filter	1-125ml	HNO_3	-003													X			
	1-500ml	—	-003														X		
	1-125ml	H_2SO_4	-003															X	
-44 D	5-VOA	HCl	-004			X							X						
	1-500ml	amber	-004												X				
	1-500ml	HNO_3	-004							X									
filter	1-125ml	HNO_3	-004													X			
	1-500ml	—	-004														X		
	1-125ml	H_2SO_4	-004															X	

Received by: Date Time

8/25/15 1215

Received by: Date Time

08/26/15 0700

Remarks:

vironmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Refinery Wells 8-25-15

Project #: PO# 12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.1

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508052	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTALS	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext. 8015B	Dissolved Metals	Gen. Chem.: Alk Anions, CO_2		Air Bubbles (Y or N)
1-4	5-VOA	HCl	-005			X							X						
	1-500ml	amber	-005												X				
	1-500ml	HNO_3	-005							X									
filter	1-125ml	HNO_3	-005													X			
	1-500ml	—	-005														X		
	1-125ml	H_2SO_4	-005															X	
1-15	5-VOA	HCl	-006			X							X						
8/24/15	1-500ml	amber	-006												X				
POL B.T.	1-500ml	HNO_3	-006							X									
filter	1-125ml	HNO_3	-006													X			
	1-500ml	—	-006														X		
	1-125ml	H_2SO_4	-006															X	

Received by: Christeth Walls Date 8/25/15 Time 1219

Received by: Date 08/26/15 Time 0700

Remarks: 1 Trip BLANKS -008

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Record

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135

(Full Validation)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name: Refinery Wells 8-25-15

Project #: PO.# 126/0955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.1

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508C52	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext. 8015B	Gen. chem. Alk Anions, CO_3	Dissolved Metals	Air Bubbles (Y or N)
N-31	5-VOA	HCl	-007			X							X					
	1-500ml	amber	-007												X			
	1-500ml	HNO_3	-007							X								
	~~1-500ml~~ 125	HNO_3	-007														X	
	1-500ml	/	-007													X		
	1-125ml	H_2SO_4	-007															
Blank CS 08/26/15			-008															

Received by: Date Time

Received by: Date Time

Remarks:

Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

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4990

87413

35

(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: San Juan River Bluff 8-26-15

Project #: PO# 126109555

Project Manager:

Sampler: Bob + Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.6-0.2CF = 1.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

le Request ID	Container Type and #	Preservative Type	HEAL No. 1508127	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	Dissolved metals	DRO-EXT. 8015B	Alk, CO2		Air Bubbles (Y or N)
Fall #2	5-VOA	HCl	-001			X							X						
	1-500ml	amber	-001													X			
	1-500ml	HNO_3	-001							X									
filter	1-125ml	HNO_3	-001												X				
	1-125ml	H_2SO_4	-001								X								
	1-500ml		-001														X		
Fall #3	5-VOA	HCl	-002			X							X						
	1-500ml	amber	-002													X			
	1-500ml	HNO_3	-002							X									
filter	1-125ml	HNO_3	-002												X				
	1-125ml	H_2SO_4	-002								X								
	1-500ml		-002														X		

Received by: [signature] Date Time 8/26/15 1332

Received by: [signature] Date Time 08/27/15 0810

Remarks: Equip. BLANK -003 08/26/15 13:00 (CS 08/27/15)

Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

iNiNg

4990

-87413

35

4 (Full Validation)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

SAN JUAN River 8-26-15

Project #:

P.O.# 126109 55

Project Manager:

Sampler: Bob & Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.6 + 0.2 = 1.8

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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Analysis Request

le Request ID	Container Type and #	Preservative Type	HEAL No. 1508D32	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-Ext. 8015B	Dissolved Metals	Cations/Anions TDS, Ecalk		Air Bubbles (Y or N)
Tream	5-VOA	HCl	-001			X							X						
	1-500ml	Amber	-001												X				
	1-500ml	HNO_3	-001							X									
Filter	1-125ml	HNO_3	-001													X			
	1-500ml		-001														X		
	1-125ml	H_2SO_4	-001								X								
N Stream	5-VOA	HCl	-002			X							X						
	1-500ml	Amber	-002												X				
	1-500ml	HNO_3	-002							X									
Filter	1-125ml	HNO_3	-002													X			
	1-500ml		-002														X		
	1-125ml	H_2SO_4	-002								X								

Received by: Date Time

skew Chrystal Walt 8/26/15 1532

Received by: Date Time

alt 08/27/15 0810

Remarks:

Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

ING

4990

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4135

(Full Validation)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

North Boundary Barrier 8-26-15

Project #:

P.O. # 126010955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.6-0.2 CF = 1.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508133	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted] /	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-Ext. 8015B				Air Bubbles (Y or N)
0+60	5-VOA	HCl	-001			X							X						
	1-500ml	amber	-001												X				
1+15	5-VOA	HCl	-002			X							X						
	1-500ml	amber	-002												X				
3+85	5-VOA	HCl	-003			X							X						
	1-500ml	amber	-003			[redacted]							[redacted]		X				

Received by: Date Time: 8/26/15 1532

Received by: Date Time: 08/27/15 0810

Remarks:

Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Collection Wells 8-26-15

Project #: P.O. # 12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.6 - 0.2cf = 1.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508D34	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-Ext 8015B				Air Bubbles (Y or N)
0+60	5-VOA	HCl	-001			X							X						
	1-500ml	amber	-001												X				
25+95	5-VOA	HCl	-002			X							X						
	1-500ml	amber	-002												X				
25+95D	5-VOA	HCl	-003			X							X						
	1-500ml	amber	-003												X				

Remarks: Trip BLANK -004

Received by: Christy Walsh Date 8/26/15 Time 1532

Received by: Date 08/27/15 Time 0810

...nvironmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Record

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87413

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(Full Validation)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

North Boundary Barrier 8-26-15

Project #:

P.O.# 126109555

Project Manager:

Sampler: Bob & Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.6-0.2CF=1.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508D35	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-EXT, 8015B				Air Bubbles (Y or N)
6+60	5-VOA	HCl	-001			X							X						
	1-500 amber	amber	-001												X				
2+00	5-VOA	HCl	-002			X							X						
	1-500ml	amber	-002												X				
23+10	5-VOA	HCl	-003			X							X						
	1-500ml	amber	-003												X				
23+90	5-VOA	HCl	-004			X							X						
	1-500ml	amber	-004												X				
25+70	5-VOA	HCl	-005			X							X						
	1-500ml	amber	-005												X				

Received by: Date Time

Chris Watt 8/26/15 1533

Received by: Date Time

08/27/15 0810

Remarks:

nakon

Watt

nvironmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

y Record

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4 (Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: RCRA Wells 8-18-15

Project #: PO # 12610955

Project Manager:

Sampler: Bob + Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

ole Request ID	Container Type and #	Preservative Type	HEAL No. 1508875	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals Total	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext. 8015B	Dissolved Metals	Gen. Chem. Alk	Anions, CO_2	Air Bubbles (Y or N)
J-51	5-VOA	HCl	-001			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml	—															X		
	1-125ml	H_2SO_4																X	
J-70	5-VOA	HCl	-002			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
	1-125ml	HNO_3														X			
	1-500ml	—															X		
	1-125ml	H_2SO_4																X	

Received by: [signature] Date 8/18/15 Time 1245

Received by: [signature] Date 08/19/15 Time 0745

Remarks:

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Record

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4 (Full Validation)

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

RCRA wells 8-18-15

Project #:

PO # 126/10955

Project Manager:

Sampler: Bob & [redacted] Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

le Request ID	Container Type and #	Preservative Type	HEAL No. 1508875	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT. 8015B	Dissolved Metals	Gen. Chem. ALK	Anions, CO_2	Air Bubbles (Y or N)
)-53	5-VOA	HCl	-003			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml	✓															X		
	1-125ml	H_2SO_4																X	
J-52	5-VOA	HCl	-004			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3															X		
	1-125ml	H_2SO_4																X	
	1-500ml	✓															X		

Received by: [signature] Date 8/18/15 Time 1245

Received by: AMgallegos Date 08/19/15 Time 0745

Remarks:

Shakow

Waste

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Record

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4990

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: RCRA wells 8-18-15

Project #: P.O.# 12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508875	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals Metals (Total)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT, 8015B	Dissolved Metals	Gen. Chem. Alk	Anions, CO_2	Air Bubbles (Y or N)
J-62	5-VOA	HCl	-005			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml																X		
	1-125ml	H_2SO_4																X	
W-[redacted]63	5-VOA	HCl	-004			X							X						
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml																X		
	1-125ml	H_2SO_4																X	

Received by: Mark White Date 8/18/15 Time 1245

Received by: AM Gallegos Date 08/19/15 Time 0745

Remarks:

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Record

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(Full Validation)

e Request ID

-64

N-64D

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: RCRA wells 8-18-15

Project #: P.O.# 126l0953

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

Container Type and #	Preservative Type	HEAL No: 1508815
5-VOA	HCl	-007
1-500 ml	Amber	
1-500 ml	HNO_3	
1-125 ml	HNO_3	
1-500 ml		
1-125 ml	H_2SO_4	
5-VOA	HCl	-008
1-500 ml	Amber	
1-500 ml	HNO_3	
1-125 ml	HNO_3	
1-500 ml		
1-125 ml	H_2SO_4	

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Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext 8015B	Dissolved Metals	Gen. Chem, Alk	Anions, CO_2	Air Bubbles (Y or N)
		X							X						
											X				
						X									
												X			
													X		
														X	
		X							X						
											X				
						X									
												X			
													X		
														X	

Received by: Date Time

Received by: Date Time

Remarks:

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(Full Validation)

e Request ID

Turn-Around Time:

☑ Standard ☐ Rush

Project Name: RCRA Wells 8-18-15

Project #: PO# 12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

Container Type and #	Preservative Type	HEAL No. 1508875	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT. 8015B	Dissolved metals	Gen. Chem. Alk	Anions, CO_3	Air Bubbles (Y or N)
5-VOA	HCl	-009			X							X						
1-liter	amber												X					
1-500ml	amber													X				
1-500ml	HNO_3								X									
filter 1-125ml	HNO_3														X			
1-500ml	—															X	X	
1-125ml	H_2SO_4																	

Received by: Mustafa Wade Date 8/18/15 Time 1245

Received by: A Gallegos Date 08/19/15 Time 0745

Remarks:

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: RCRA wells 8-18-15

Project #: P.O#12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1°C

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e Request ID	Container Type and #	Preservative Type	HEAL No 1508875	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext. 8015B	Dissolved Metals	Gen. Chem. Alk	Anions, CO_2	Air Bubbles (Y or N)
-59	5-VOA	HCl	-010			X							X						
	1-liter	amber												X					
	1-500ml	amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml																X		
	1-125ml	H_2SO_4																X	
p. BLANK	3-VOA	HCl	-011										X	BTEX		only			

Received by: [redacted] Date 8/18/15 Time 1245

Received by: [redacted] Date 08/19/15 Time 0745

Remarks: Equip. Blank BTEX only

Analysis Request

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: RCRA Wells 8-18-15

Project #: P.O.# 12610955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508875	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT 8015B	Dissolved metals	Gen. Chem. Alk	Anions, CO_2	Air Bubbles (Y or N)
-67	5-VOA	HCl	-012			X							X						
	1-500ml	Amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml																X		
	1-125ml	H_2SO_4																X	
W-68	5-VOA	HCl	-013			X							X						
	1-500ml	Amber													X				
	1-500ml	HNO_3								X									
filter	1-125ml	HNO_3														X			
	1-500ml																X		
	1-125ml	H_2SO_4																X	

Received by: Christine Walker Date 8/18/15 Time 1245

Received by: Jen Gallegos Date 08/19/15 Time 0745

Remarks: TRIP BLANK -014

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Record

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(Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: CROSS Gradient wells 8-19-15

Project #: P.O.# 126109555

Project Manager:

Sampler: Bob + Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

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Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

e Request ID	Container Type and #	Preservative Type	HEAL No. 1508975	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-EXT. 8015B	Dissolved Metals	Gen. Chem: Alk	Anions, CO_2	Air Bubbles (Y or N)
-1	5-VOA	HCl	-001			X							X						
	1-500 ml	amber													X				
	1-500 ml	HNO_3								X									
filter	1-125 ml	HNO_3														X			
	1-500 ml																X		
	1-125 ml	H_2SO_4																X	
-13	5-VOA	HCl	-002			X							X						
	1-500 ml	amber													X				
	1-500 ml	HNO_3								X									
filter	1-125 ml	HNO_3														X			
	1-500 ml																X		
	1-125 ml	H_2SO_4																X	

Received by: Date Time

Matthew Waeta 8/19/15 1211

Received by: Date Time

08/20/15 0715

Remarks:

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Record

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(Full Validation)

e Request ID

W-27

V-32

filter

filter

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

CrossGradient wells 8-19-15

Project #:

P.O.# 126/0955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0

Container Type and #	Preservative Type	HEAL No. 1508917
5-VOA	HCl	-003
1-500ml	amber	
1-500ml	HNO_3	
1-125ml	HNO_3	
1-500ml		
1-125ml	H_2SO_4	
5-VOA	HCl	-004
1-500ml	amber	
1-500ml	HNO_3	
1-125ml	HNO_3	
1-500ml		
1-125ml	H_2SO_4	

Received by: Christine Walsh Date Time 8/19/15 1211

Received by: Date Time 08/20/15 0715

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Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	DRO-Ext 8015B	Dissolved Metals	Gen. Chem., Alk	ANIONS, CO_2	Air Bubbles (Y or N)
		X							X						
											X				
						X									
												X			
													X		
														X	
		X							X						
											X				
						X									
												X			
													X		
														X	

Remarks:

Record

WING

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4 (Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: SAN JUAN River 9-1-15

Project #: P.O.# 126/0955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.4

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Analysis Request

ple Request ID	Container Type and #	Preservative Type	HEAL No. 1509079	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-EXT. 8015B	Dissolved Metals	Cations/Anions, TDS, EC, Alk		Air Bubbles (Y or N)
of 45	5-VOA	HCl	-001			X							X						
	1-500ml	amber	-001												X				
	1-500ml	HNO_3	-001			*				X			*						
filtered	1-125ml	HNO_3	-001													X			
	1-500ml	✓	-001										*				X		
	1-125ml	H_2SO_4	-001								X								
of 46	5-VOA	HCl	-002			X							X						
	1-500ml	amber	-002												X				
	1-500ml	HNO_3	-002							X									
filter	1-125ml	HNO_3	-002													X			
	1-500ml	✓	-002														X		
	1-125ml	H_2SO_4	-002									X							

Remarks: TRIP BLANK -003

	Received by:	Date	Time
rakow	Christ Walte	9/1/15	1315
alter		09/02/15	0800

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Record

WING

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4135

4 (Full Validation)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: SAN JUAN River 9-1-15

Project #: P.O.# 126/0955

Project Manager:

Sampler: Bob & Tracy

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.4

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Analysis Request

ple Request ID	Container Type and #	Preservative Type	HEAL No. 1509079	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / [redacted])	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals TOTAL	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA) BTEX, MTBE only	8270 (Semi-VOA)	DRO-EXT. 8015B	Dissolved Metals	Cations/Anions, TDS, EC, Alk		Air Bubbles (Y or N)
of 45	5-VOA	HCl	-001			X							X						
	1-500ml	amber	-001												X				
	1-500ml	HNO_3	-001			*				X			*						
filtered	1-125ml	HNO_3	-001													X			
	1-500ml	✓	-001										*				X		
	1-125ml	H_2SO_4	-001								X								
of 46	5-VOA	HCl	-002			X							X						
	1-500ml	amber	-002												X				
	1-500ml	HNO_3	-002							X									
filter	1-125ml	HNO_3	-002													X			
	1-500ml	✓	-002														X		
	1-125ml	H_2SO_4	-002									X							

Remarks: TRIP BLANK -003

	Received by:	Date	Time
rakow	Christ Walte	9/1/15	1315
alter		09/02/15	0800

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