2010 ANNUAL REPORT

JUNIPER RIDGE
LANDFILL
OLD TOWN, MAINE

MEDEP LIC. #S-020700-7A-A-N and
Amendment #S-020700-WD-N-A

April 2011

SME
Sevee & Maher Engineers, Inc.

ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

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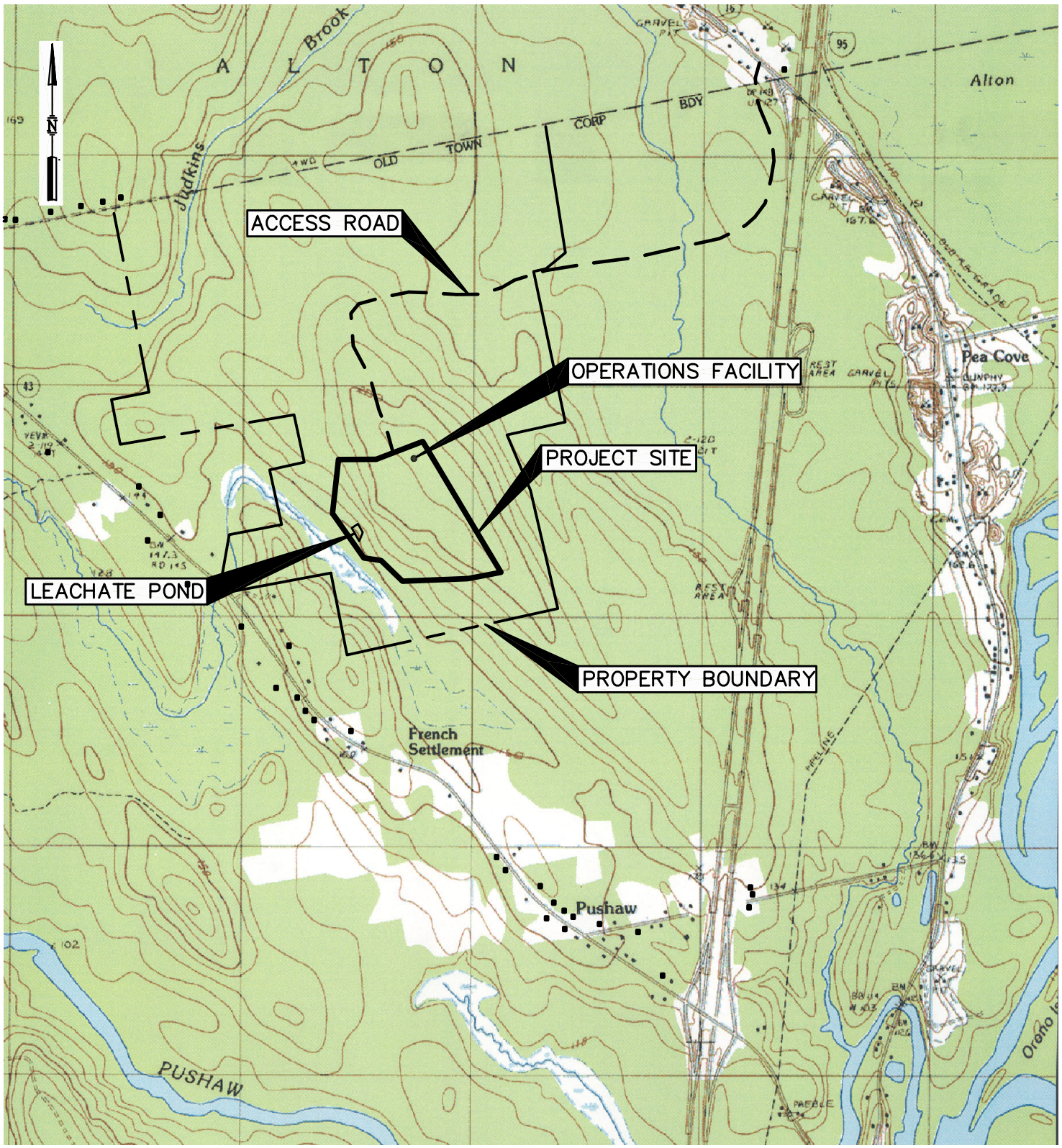
1.0 INTRODUCTION

Pursuant to the requirements of 38 MRSA §1310-N(6-D), this document, and associated attachments serve as the 2010 Annual Report for the Juniper Ridge Landfill (JRL)located off Route 16 in Old Town, Maine. The information contained in this report also addresses the requirements of Section 401.4.D of Maine Solid Waste Management Rules. As the contracted operator of the Juniper Ridge Landfill, NEWSME Landfill Operations, LLC (NEWSME), a wholly-owned subsidiary of Casella Waste Systems, Inc. (CWS) is submitting this annual report on behalf of the Maine State Planning Office (SPO).

1.1 Overview

JRL property consists of a 780-acre site accessed off Route 16 in Alton, with a physical address of 2828 Bennoch Road, Old Town, Maine. The actual licensed solid waste footprint of the JRL is approximately 68 acres. A location map of the JRL site and the surrounding facilities is shown on Figure 1-1. The JRL was originally licensed (#S-020700-7A-A-N) by the Board of Environmental Protection on July 28, 1993 as a generator-owned landfill for disposal of pulp and papermaking residuals generated by Fort James Paper Mill (now referred to as Old Town Fuel & Fiber) located in Old Town, Maine. The original approved capacity of the facility was approximately 3 million cubic yards. Landfill operations began in Cell 1 in December 1996.

In June 2003, the Maine legislature passed Resolve 2003, Chapter 93, which authorized the SPO to pursue the purchase of the JRL from Fort James Operating Company. The final purchase agreement between SPO and Fort James would provide disposal capacity for the mill's waste for a 30-year period. On October 30, 2003, the SPO submitted an amendment application to the MEDEP to increase the approved final elevation of the landfill, and to dispose of additional waste streams at the facility. On February 5, 2004, SPO formally purchased the JRL property from Fort James and signed an Operating Services Agreement with NEWSME to



BASE MAP ADAPTED FROM 7.5 MIN
USGS TOPOGRAPHIC QUADRANGLE
OLD TOWN, MAINE–1988

1000 0 2000 4000 FEET

FIGURE 1–1
SITE LOCATION MAP
WEST OLD TOWN LANDFILL PROJECT
OLD TOWN, MAINE

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DWG: SITELOC LMN: CTB: HPSTD REV: 8/25/03

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operate the facility for a 30 year period. At the same time, all previously approved MEDEP operating licenses for the JRL were transferred to the SPO. On April 9, 2004, the MEDEP approved the amendment application and issued permit #S-020700-WD-N-A to the SPO to increase the original JRL capacity from approximately 3.3 million cubic yards to approximately 10.2 million cubic yards (utilizing MSE berms).

Since the signing of the Operating Services Agreement, NEWSME has been operating the site and is fully responsible for all costs associated with development, operational and closure/post-closure activities at the JRL site.

At the time of this annual report, Cells 1, 2, 3A, 3B, 4, 5, and 6 have been constructed at the facility with Cells 5 & 6 being the primary operational cells as of the date of this report.

1.2 Annual Report Format

This Annual Report contains the information required by Section 401.4.D of the Regulations, including a general summary of activities and landfill operations during 2010, a compliance audit performed by JRL's compliance manager, a summary of facility site changes, a summary of the site monitoring performed at and around the site during 2010, and an update of the costs and documentation of changes to the closure and post-closure funding of the facility. The 2010 Annual Report fee of $3,155 was previously submitted to the MEDEP on February 24, 2011.

2.0 SUMMARY OF SITE ACTIVITIES

2.1 Site Activities

Some of the major site activities that occurred at JRL during report year 2010 are as follows:

- Cell 6 was constructed during the 2010 construction season;
- Three landfill gas collection vents were installed on top of cell #4, followed by placement of soil and 40-mil cover;
- Intermediate cover systems (consisting of 40-mil liner) were installed on the sideslopes of cells #4 & #5 constructed to grade to shed clean stormwater and to assist in controlling odors;
- Increased the size of the laydown storage area adjacent to the maintenance building to accommodate additional equipment parking and trailer storage units for parts;
- Installed a new gravel access road leading to the top of cell #4;
- Several new landfill gas collection components were installed throughout cells #4 & #5 that included ten new vertical LFG extraction wells, additional 12” header piping, lateral extraction piping, and future connections to the proposed new 24” header pipe.

The following MEDEP and Federal applications were submitted and approved during 2010 relating to the operations at JRL:

Application Description and Permit Number Issued	Permit Number
MEDEP Application for a solid waste project (Cell 6 construction).	#S-020700-WD-AO-M
MEDEP Application to accept oily debris from Pine Tree Waste facilities	#S-020700-WU-AN-N
MEDEP Application to accept lead impacted soil from Brunswick Naval Air Station	#S-020700-WT-AQ-N
MEDEP Application to accept sulfur residues from Pine Tree Landfill's Gas-to-Energy Plant	#S-020700-WU-AP-N
MEDEP Application to accept treated biomedical waste from Associated Health Resources, Inc.	#S-020700-WU-AJ-N
MEDEP Application to accept sludge contaminated soil from the Howland Tannery Remediation Site	#S-020700-WT-AR-N
MEDEP Application to revise the facility's MSW bypass limit to accommodate additional MSW for new cell fluff layer	#S-020700-WD-W-M
Federal Fish & Wildlife Permit Renewal (Bird Depredation)	#MB670894-0

2.2 Compliance Self-Audit

As required by Section 401.4.D (1) (b) of the Regulations, JRL performed an annual audit of landfill operations for calendar year 2010. A copy of the Audit is included as Attachment B.

3.0 SUMMARY OF OPERATIONS

3.1 Types of Wastes Received At JRL During 2010

During 2010, the waste stream at JRL included construction and demolition debris, FEPR, OBW, MSW incinerator ash, municipal wastewater sludge, lime mud, wood ash, contaminated soils, pulp/paper sludge and other approved special wastes.

Between January 1, 2010 and December 31, 2010, JRL received a total of 708,198 tons of waste as compared to 528,622 tons received during report year 2009. Non-waste-related deliveries to the landfill during 2010 consisted of clean gravel (utilized for road construction) and tire chips and shreds (utilized for landfill gas collection trenches and leachate drainage systems) and totaled to 1,369 tons and 1,957 tons, respectively.

Table 3-1 (found on the following page) lists the specific wastes types accepted at the landfill during report year 2010 and the corresponding tonnages.

The Maine State Planning Office and the MEDEP now have a combined annual report requirement for all solid waste facilities. A copy of the completed report form for calendar year 2010 may be found in Attachment G.

TABLE 3-1

SUMMARY OF WASTES ACCEPTED AT JUNIPER RIDGE LANDFILL
REPORT YEAR 2010

Waste Description	Tons	Percent of Total
Construction and Demolition Debris (CDD)	145,488	20.543
Front-End Process Residue (FEPR)	125,250	17.686
MSW Incinerator Ash	104,865	14.807
Oversized Bulky Wastes	96,520	13.629
Wood Fines	87,449	12.348
Municipal Solid Waste Bypass (MSW)	39,524	5.581
Municipal Wastewater Treatment Plant Sludge	28,948	4.088
Wood/Fly Ash	26,322	3.717
Industrial Wastewater Treatment Plant Sludge	15,235	2.151
Short-Fiber Paper Sludge	14,375	2.030
Contaminated Soils	6,407	0.905
Pulp Mill Wastes	5,918	0.836
Lime Mud and Grits	3,229	0.456
Non-Friable Asbestos Wastes	2,584	0.365
Spoiled Food Related Wastes	895	0.126
Wood Chips	858	0.121
Treated Biomedical Waste	683	0.096
Oily Debris	678	0.096
Non-Hazardous Chemical Related Wastes	671	0.095
Catch Basin Grit and Sump Screenings	574	0.081
WWTP Grit Screenings	513	0.072
Sandblast Grit	405	0.057
Leather Scrap	373	0.053
Vegetable Starch	211	0.030
Sulfur Scrubbing Residue	121	0.017
Misc. Special Wastes	102	0.014
Totals For Report Year (tons):	**708,198**	**100.00%**

As seen in Table 3-1 above, the three major waste types received at the JRL facility during report year 2010 included construction and demolition debris, front-end process residue, and MSW incinerator ash at 20.54, 17.69, and 14.81 percent, respectively. In compliance with JRL's permit condition, all sources of wastes going to the landfill were thoroughly screened in advance in order to assure that no out-of-state wastes were accepted at the facility.

3.2 Estimates of Capacity Utilized During 2010 and Remaining Capacity

During report year 2010, wastes were primarily disposed of in Cells 5 & 6. The estimated net solid waste disposal capacity utilized during the calendar year was approximately 547,895 cubic yards. The estimated remaining capacity at JRL as of December 31, 2010 was approximately 6,565,719 cubic yards. This remaining capacity is based upon the original estimated volume of

approximately 10.28 million cubic yards (with MSE berms) minus total cubic yards consumed through 12/31/10. Note that this remaining capacity does take into account capacity that has been gained due to settlement to date and capacity that may be gained or lost in the future due to settlement, compaction, and/or decomposition of the waste within the landfill.

3.3 Estimates of the Amount of Cover Material Placed

During calendar year 2010, approximately 14 acres of Cells 4 & 5 (predominately sideslopes) were covered with a 40-mil synthetic liner as an intermediate cover. Operational areas throughout the year received daily cover consisting of ash, wood fines, contaminated soils, and short paper fiber sludge. Utilization of waste-related materials for daily cover prevented the use of approximately 185,300 cubic yards of virgin soil based materials.

3.4 A Summary of Changes to the Facility's Operations Manual

With the construction of Cell 6, the facility Operations Manual was updated to include the new infrastructure and cell development plans. Additional sections were previously revised as necessary to address stormwater management, gas management, odor control, environmental and geotechnical monitoring, and leachate management

3.5 Proposed Changes to the Operations Manual or Other Aspects of the Landfill Operations

With the planned development of Cell 7 during 2011, the operations manual is being revised to reflect operational changes to the facility associated with Cells 1 through 7 and conceptual operations associated with any future expansion. Additional changes to the overall LFG collection system will also be included in future Operations Manual revisions as they are developed.

3.6 A Summary of Responses to Spills, Fires, Accidents or Unusual Events at the Landfill

During 2010, the JRL facility experienced one petroleum-related spill incident, one fire-related incident, and two waste-related incidents. The four incidents are discussed in more detail below.

- 7/26/10: The facility experienced a small fire situation on the exterior berm of cell #6 when a fence contractor caused some sparks while cutting metal fence posts. The sparks ignited the exposed erosion control matting material placed on the berm and the fire began to spread along the berm. The smoke from the fire was quickly detected by operators within the vicinity and they dispatched the water truck to the location. The water spray from the truck was able to douse the flames within a short period of time. No assistance was required from the local fire department. MEDEP staff were onsite at the time of the incident and were advised of the situation.
- 8/23/10: During the offloading of a trailer containing MSW bypass, one of the operators detected some suspicious medical-related materials in the load. In order to assure that the material was acceptable, the offloaded material was cordoned off and the facility Environmental Manager was called to further investigate the situation. It was ascertained that some of the materials observed in the load could possibly be regulated wastes, so the MEDEP Biomedical Waste Division was called to report the issue. The Biomedical Waste Division called the MEDEP Spill Unit out of the Bangor Region Office to investigate. The Spill Unit, along with staff from Oxus Environmental, sifted through the load of waste and ascertained that the medical wastes found in the load were not regulated wastes and could be disposed of at the landfill. Since the transfer station that delivered the MSW bypass services a local hospital, it was decided that any future loads originating from that facility (during an authorized bypass) that contained any of the hospital's non-regulated wastes would still be taken to the incineration facility rather than the landfill.

- 9/21/10: During the offloading of a trailer load of demolition debris, the operator detected several plastic bags that appeared to contain insulation material and plastic ribbon warning of an asbestos hazard. The material was cordoned off

and the Environmental Manager was called to investigate the matter. While further investigation indicated that the insulation material did not appear to be asbestos-containing material, the generator of the material was contacted to verify the load contents. It was determined that the ribbon warning of an asbestos hazard was from a prior asbestos abatement project that took place in the same building where the CDD originated from, but all "friable" asbestos had previously been removed and disposed of at another approved disposal site. The contractor provided a laboratory analysis of the insulation material found in the load that verified that the material did not containing asbestos.

- 11/18/10: The facility experienced a small motor oil spill on the access road pavement when a truck delivering waste apparently leaked oil while waiting to drive onto the scales. Approximately two gallons of motor oil was cleaned up by placing absorbent pads and sand over the area, then using the road sweeper to remove the contaminated material. The contaminated materials were disposed of within the landfill. The MEDEP Spill Unit was notified of the situation and spill number B-622-2010 was issued for the incident.

3.7 Updated Cell Development Plans

A revised set of Cell Development Plans for Cell 7 are included with this annual report submission and may be found in Attachment H.

3.8 Copies of Reports Prepared in Accordance with the Landfill's Hazardous and Special Waste Handling and Exclusion Plan

During 2010, JRL submitted monthly special waste activity reports to the MEDEP, the Maine State Planning Office, the Landfill Advisory Committee, and the City of Old Town. No non-permitted special wastes or hazardous wastes were received at JRL during report year 2010. Consequently, no reports were required to be submitted pursuant to JRL's Hazardous and Special Waste Handling and Exclusion Plan.

3.9 Inspections and Testing

During the calendar year 2010, JRL personnel performed routine inspections of the landfill and infrastructure as outlined in the facility's Operations Manual. Copies of inspection reports may be found on file in the Environmental Manager's Office with a summary inspection report located in Attachment F of this Annual Report.

3.10 Description of System Failures and/or Repairs

During report year 2010, the following maintenance and/or repair functions were performed at the facility:

- Sections of the leachate collection piping within the landfill were high pressure cleaned to maintain proper drainage.
- The leachate storage tank was drained, cleaned and inspected to verify condition.
- Two leachate pumps were removed and replaced with new units.
- The de-misting pad on the landfill flare was replaced.
- One of the blowers on the flare was replaced with a new unit and the old blower rebuilt to be used as a spare.
- On-site stormwater structures were cleaned and/or repaired to maintain erosion & sedimentation control during rain events.
- Various repairs were made to the existing 40-mil intermediate cover systems due to developing tears, rips, and holes.
- Several landfill gas (LFG) wellheads were repaired throughout the year due to normal wear and tear.

4.0 MONITORING

An annual water quality summary report is included as Attachment C of this report. Included with the summary report is the evaluation of the environmental monitoring data for the JRL site for report year 2010. The evaluation includes a comparison of the 2010 data to the historical monitoring data. Sampling procedures utilized to monitor the site and surrounding areas may be found in JRL's Environmental Monitoring Plan. Based on the results of the water quality evaluation presented in this document, no major changes to the current site monitoring program are being planned for Report Year 2011. As part of the 2011 construction of Cell 7, NEWSME will be recommending that monitoring well MW-207 be decommissioned.

During 2010, JRL trucked a total of 10,966,753 gallons of leachate to the Old Town Fuel & Fiber wastewater treatment facility located in Old Town as compared to 10,911,585 gallons trucked for the same period during 2009. Sample results for leachate monitoring rounds and records of leachate pumping volumes are kept on file in the Compliance Manager's office.

As part of the Environmental Monitoring Plan, landfill gas monitoring took place at the wellhead of each groundwater monitoring well during tri-annual sampling events. The results of the 2010 gas monitoring performed at various groundwater monitoring wellheads may be found in the annual water quality report found in Attachment C. Additionally, weekly landfill gas monitoring took place at various on-site gas management locations with results being submitted to the MEDEP as required.

During 2010, JRL continued monitoring H_2S levels on-site and off-site as part of its odor monitoring and control plan. Stationary H_2S monitors are currently positioned at five locations surrounding the JRL property and one unit is positioned onsite adjacent to cell 4. Data obtained from monitors located on the Access Road, at Interstate 95 Weigh Station, at Fort James House, and on the Stagecoach Road continues to be submitted to the MEDEP on a monthly basis.

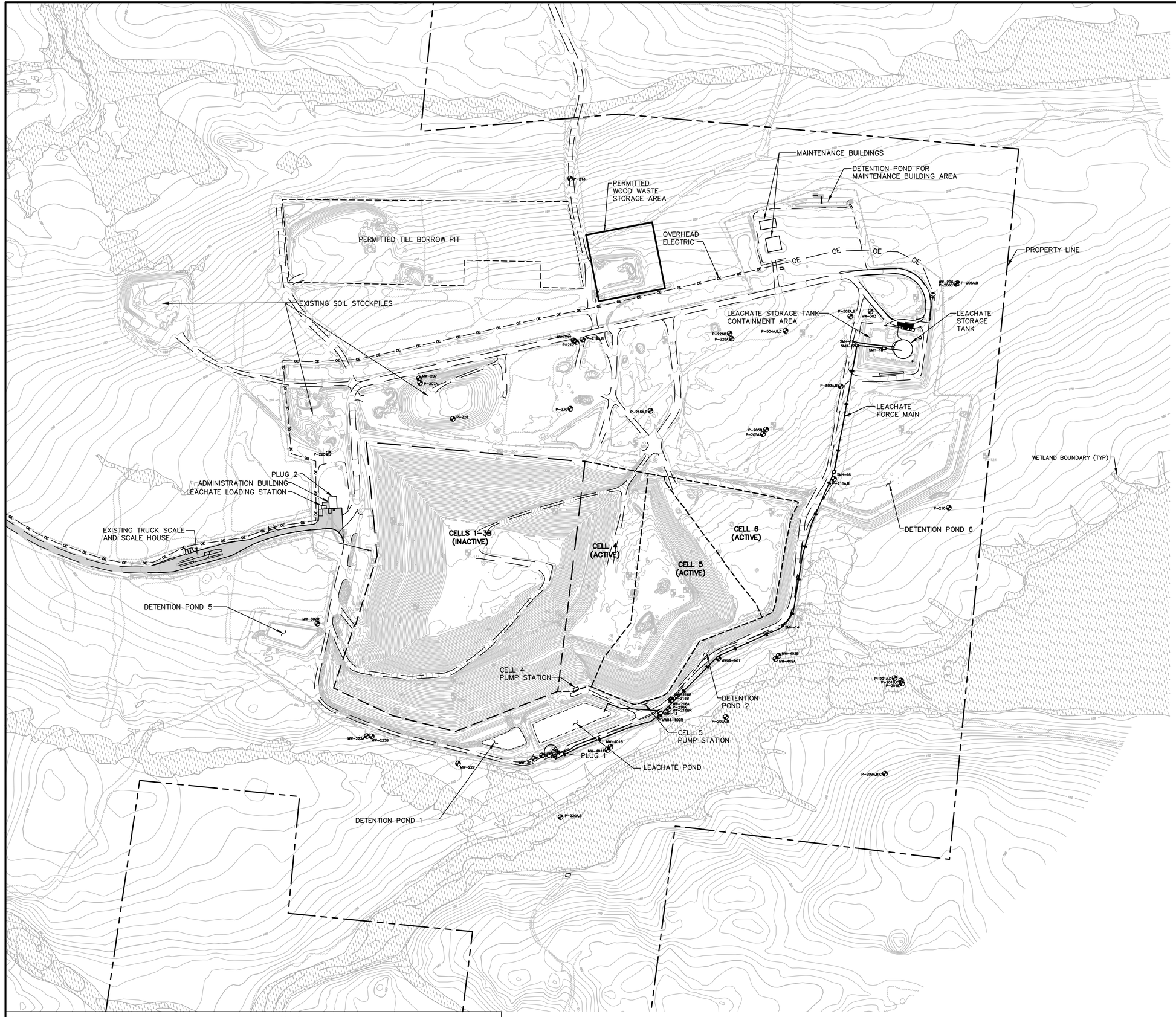
During 2010, JRL continued to monitor site settlement and stability as in the past with the assistance of Dr. Richard Wardwell. A 2010 Geotechnical Monitoring Report may be found in Attachment D of this report. The 2010 Geotechnical monitoring report recommended that the survey's of the SDM's and measurements of waste grade elevations at the instrument clusters be terminated, while continuing to perform the routine observations of the landfill surface, annual geotechnical inspection, and aerial survey of the landfill topography in accordance with the current Geotechnical Monitoring Program.

During 2010, JRL continued monthly field parameter monitoring of the old leachate pond (now utilized for stormwater collection) and landfill cell underdrain systems as part of the site's detection monitoring program**.** These monitoring results may be found in Attachment C to this Annual Report (2010 Annual Water Quality Monitoring Report).

5.0 FINANCIAL ASSURANCE

The closure and post-closure costs have been recalculated to reflect those cells, as of the end of calendar year 2011, that have or will be constructed but have not received final cover. A copy of the revised closure and post-closure costs may be found in Attachment E of this report. A revised financial assurance package has been submitted to the MEDEP under separate cover.

ATTACHMENT A



NOTES:

1. BASE MAP PREPARED BY AERIAL SURVEY & PHOTO INC., NORRIDGEWOCK, MAINE. PHOTO DATE 11/12/10. VERTICAL DATUM: BRASS PLUG AT PUMP STATION. HORIZONTAL DATUM: MAINE STATE COORDINATES EAST ZONE NAD 83. GROUND CONTROL BY PLISGA & DAY LAND SURVEYORS, BANGOR, MAINE. STANDARD PRACTICE DICTATES THAT PLANS COMPILED IN THIS MANNER SHOULD BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
2. LOCATIONS OF EXISTING UNDERGROUND UTILITIES INCLUDING ELECTRICAL AND PIPING BASED ON FIELD SURVEY DURING CONSTRUCTION OF PREVIOUS CELLS AND LEACHATE POND. CONTRACTOR SHOULD FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
3. EXISTING TOPOGRAPHY SHOWN AT 2-FOOT INTERVALS. EXISTING TOPOGRAPHY SHOWN ON THE DRAWINGS REPRESENT GRADES AT THE TIME OF THE SURVEY. CONTRACTOR SHOULD FIELD VERIFY THE EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
4. WETLAND BOUNDARIES AS INDICATED IN WETLAND DELINEATION AND CHARACTERIZATION REPORT FOR NEWSME LANDFILL OPERATIONS, LLC, JUNIPER RIDGE LANDFILL PROJECT SITE IN OLD TOWN, MAINE BY STANTEC (WOODLOT ALTERNATIVES, INC) IN NOVEMBER 2004.
5. BORINGS & TEST PIT LOCATIONS FIELD SURVEYED BY SEVEE & MAHER ENGINEERS, INC., CUMBERLAND, MAINE.

SITE BENCHMARK INFORMATION

DESCRIPTION	NORTHING	EASTING	ELEVATION
PLUG 1 PERMANENT BENCHMARK BRASS PLUG ON PUMP STATION	478242.05	925376.35	167.93
PLUG 2 BRASS PLUG AT MAINTENANCE BLDG	479497.17	926131.46	215.12

100 0 200 400 FEET

JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

SITE PLAN
CALENDAR YEAR 2010

SME
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DWG: SITEPLAN-2010 LMN: SITEPLAN-2010 CTB: SITEPLAN REV: 2/28/2011

ATTACHMENT B

JUNIPER RIDGE LANDFILL
COMPLIANCE SELF-AUDIT CHECKLIST
REPORT YEAR 2010

This Compliance Self-Audit Checklist is to be used to perform an annual audit of landfill operations to comply with the requirements of Chapter 401, Section 4.D. (1) (b) of the State of Maine Solid Waste Management Rules. The purpose of this audit is to verify that the landfill is being operated in compliance with the Regulations and its licenses issued by the Maine Department of Environmental Protection. Qualified facility personnel performed the audit.

Facility Name……. Juniper Ridge Landfill

Location…….. Old Town, Maine

Audit for Calendar Year….. 2010

Compliance Auditor…….. Tom Gilbert

Title……. Environmental Compliance Manager

Date of Audit…….. November 10, 2010

Signature of Auditor……. _____

GENERAL LICENSE INFORMATION:

1. Are active facility licenses kept on file at the facility?

Copies of all active MEDEP licenses may be found in the Landfill Supervisor's Office and on file in the Environmental Compliance Manager's office located at Pine Tree Landfill. All licenses are also available electronically.

2. Do the facility licenses have special license conditions relating to landfill operations?

Yes, a number of conditions are laid out in the various permits held by the facility. All MEDEP licensed conditions are entered onto a company Environmental Compliance Database that allows the Division manager and Compliance manager to monitor compliance with submission deadlines and fee requirements.

3. What pending licenses or approvals that were sought from the MDEP at the time of this audit.

- MDEP approval of JRL's Operations Manual

4. List date of payment of MDEP Annual License Fee.

The 2010 annual license fee in the amount of $12,010 was paid on July 6, 2010.

5. List date of submittal of MDEP Annual Report & Fee.

The MDEP 2009 annual report was submitted on April 27, 2010 and corresponding fee of $3,109 submitted on April 1, 2010.

6. Does the facility have a Host Community Agreement in-place and on file?

A Host Community Compensation and Facility Oversight Agreement were signed with the City of Old Town on December 8, 2005. A Community Benefits Agreement was signed with the Town of Alton on October 6, 2005. Copies of these agreements may be found in the Division manager's Office.

7. Does the facility have a current liability insurance policy in-place and on file at the facility?

Yes, a copy of the policy is available in the Environmental Compliance Manager's Office.

8. Has the facility submitted an executed financial assurance instrument for closure and post closure care along with updated closure/post closure cost estimates to the MDEP?

Yes, performance bonds were initially provided to the MDEP on February 19, 2004. An updated financial assurance package for the closure/post closure care was provided to the MDEP on April 21, 2010.

9. Last date a certified copy of the facility Operations Manual was updated.

The Operations Manual was last updated in May 2010.

10. MDEP approval date of last updated Operations Manual.

The facility has not received formal MDEP approval of its Operations Manual.

11. Number and locations of the Certified Copies of the Operations Manual.

Certified copies of the Operations Manual may be found at the following locations:

- The Bangor & Augusta Offices of the MDEP
- The Municipal Office of the City of Old Town
- JRL's Environmental Compliance Manager's Office
- JRL's Operations Supervisor's Office
- The Maine State Planning Office
- Casella's Corporate Office in Saco
- Sevee & Maher Engineer's Cumberland Center Office

12. Operational personnel who received landfill training during audit year.

During 2010, operations personnel received monthly training sessions on a variety of topics relating to safety, environmental compliance, and landfill operations. All records relating to the ongoing training of landfill personnel are kept on file in the Safety and Environmental Compliance Manager's offices.

13. Are only solid wastes or special wastes as allowed in the landfill's current license accepted and are those wastes handled as described in the landfill's Operations Manual?

Yes, only approved non-hazardous special wastes from Maine are being accepted at JRL and are being characterized according to the conditions laid out in the facility's Waste Characterization Plan.

14. Are solid wastes and special wastes permitted for acceptance characterized on an ongoing basis in conformance with the characterization plan approved by the Department?

Yes, those wastes are being characterized at the required intervals and/or tonnage rates. All records associated with waste acceptance are kept on file in the Compliance Manager's office.

15. Is access to the facility controlled so that the public is not exposed to potential health and safety hazards and access is only permitted when an attendant is on duty?

Yes, an attendant is located at the scale house during operational hours and the security gate is closed and locked at the end of each operational day. During non-operational hours the facility is manned by security personnel that perform regular site inspections. For public safety reasons, all non-employee visitors entering the site during operational hours must first stop at the scalehouse and check in prior to further entry.

16. Are the hours of operation and other limitations for access and use prominently posted at the entrance to the landfill?

Yes, the facility has the required signage in-place at the entrance to the landfill prior to and at the scale house. Additional signage is placed in prominent areas throughout the landfill.

17. Are the access roads within the facility maintained?

Yes, all roads from the entrance to the dumping locations are maintained year round to accommodate passage of all types of vehicles.

18. Are any access roads into the active cell of the landfill constructed and maintained to prevent migration of leachate outside of the cell.

Yes, the main access road into the active cell is designed such that the entrance/outlet from the cell is elevated to prevent liquid from migrating outside of the cell. Additionally, 40-mil liner is installed on certain side slopes to shed clean water and reduce leachate generation.

19. Is a road maintenance program appropriately implemented to prevent the accumulation of dust, mud, or wastes from the facility access, public, or private roads?

Yes, all paved roads are mechanically swept, scraped, and/or plowed as needed to prevent accumulation of undesirable material on the roads.

20. Are the appropriate signs posted or other approved means implemented to indicate clearly where solid waste is to be unloaded and the location of any separate handling areas?

Yes, all drivers are directed by the scale house attendant to the proper staging/unloading area where they are then given further instructions via radio communications with the operators. All delivery vehicles utilizing the site are required to be equipped with a means of radio communication. Hand-held radios are made available as needed.

21. Are the setbacks and buffer strips approved by the Department being maintained?

Yes, all required setbacks and buffers are being maintained as required.

22. Are the cell development plans up-to-date and submitted with the annual report?

Yes, updated cell development plans through cell #6 have been submitted as required. Cell #7 development plans will be submitted with the 2010 annual report or sooner, if available.

23. Is compaction performed at least once per operating day and more often as necessary unless otherwise approved by the Department?

Compaction is currently being achieved at JRL with the use of compactors that are continuously in motion in order to achieve favorable compaction rates.

24. Has cover been placed as outlined in the operations manual?

Yes, suitable waste materials and soils are primarily being utilized as daily cover as necessary. Intermediate soil/synthetic cover materials are being installed as slopes reach appropriate elevation & grades.

25. Have storm water management and erosion control measures been implemented as outlined in the operations manual?

Yes, all storm water management & erosion control measures are being utilized as outlined in JRL's Operations Manual and Storm Water Pollution Prevention Plan.

26. Are leachate management systems including collection, transport, storage, and pumping systems maintained in accordance with the site Operations Manual?

Yes, all systems receive regularly scheduled maintenance and are inspected at pre-determined intervals in accordance with the site Operations Manual.

27. Are landfill gas systems installed and maintained as outlined in the Operations Manual?

Yes, the landfill maintains an active gas collection system consisting of horizontal gas collection piping, vertical wells, and a flare. The LFG Operations & Maintenance Manual was updated in March 2010.

28. Is a methane gas-monitoring program implemented to verify the concentration of explosive gases generated by the landfill, and if an exceedance is triggered, appropriate steps are taken to protect human health and the Department notified of the occurrence and the protective steps that were taken?

Yes, Methane gas monitoring is being performed as required at the groundwater quality wells, property boundaries, at landfill structures, and LFG wellheads as required. The facility has developed a plan of action that needs to be followed should elevated levels be detected.

29. Are routine inspections of the landfill facilities performed as outlined in the Operations Manual, and are records of the inspections kept on file at the facility?

Yes, all routine inspections are performed at predetermined frequencies in compliance with the site Operations Manual, with records of each inspection kept on file in the Environmental Compliance Manager's office.

30. Does the facility have a fire protection plan in-place and is it outlined in the operations manual?

Yes, fire protection procedures are being followed as required.

31. Does the facility have a hazardous and special waste handling and exclusion plan and is it implemented at the facility?

Yes, the hazardous and special waste handling and exclusion plan may be found in the Operations Manual. Appropriate response procedures are followed as required.

32. Does the facility have a litter control plan and is it implemented as outlined in the Operations Manual?

Yes, the facility controls off-site litter through the use of strategically placed fencing and regular litter patrols.

33. Has the Environmental Monitoring Program been implemented as outlined in the Operations Manual?

Yes, all requirements as laid out in the environmental monitoring plan are being adhered to. The EMP was revised in April 2010.

34. Environmental sampling events being conducted as required and results reported to the MEDEP.

A record of all environmental sampling events with corresponding dates may be found in the annual water quality report being submitted to the MEDEP as part of the Annual Report. A quarterly monitoring report is also submitted to the MDEP.

35. Are waste staging and storage areas maintained as outlined in the Operations Manual?

Yes, all staging and storage areas are being operated and maintained in accordance with the site Operations Manual.

36. Is a vector control program in-place and implemented as outlined in the operations manual?

Yes, Modern Pest Control regularly visits the site and maintains control devices. Additionally, the facility utilizes lethal & non-lethal means of deterring bird populations.

37. Does the facility accept asbestos wastes?

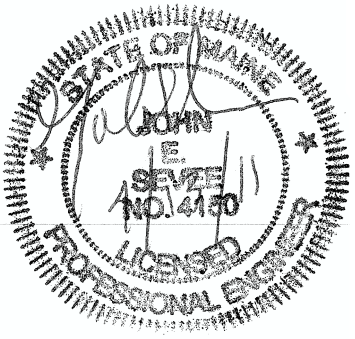
The facility is only licensed to accept non-friable asbestos containing wastes and manages the material in a manner that minimizes employee exposure during offloading.

ATTACHMENT C

JUNIPER RIDGE LANDFILL

NEWSME LANDFILL OPERATIONS, LLC
2010 ANNUAL WATER QUALITY REPORT

April 2011



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JUNIPER RIDGE LANDFILL
NEWSME LANDFILL OPERATIONS, LLC
2010 ANNUAL WATER QUALITY REPORT

EXECUTIVE SUMMARY

During 2010, water quality samples were collected at the Juniper Ridge Landfill in accordance with the current Environmental Monitoring Program (EMP) (revised April 2010). Based on the results of these data collection activities, the water quality at the Juniper Ridge Landfill site can be summarized as follows:

- Site water quality data indicates that groundwater and surface water at the site do not show adverse effects from the performance of the landfill cells and leachate pond liner systems. Consistent with historical observations, some monitoring locations immediately downgradient of cell development construction projects (i.e., Cell 6) and/or adjacent to perimeter access roads that were used during the construction project were influenced by the construction-related or landfill-related activities during 2010.

- Samples from the landfill cell underdrains have relatively low parameter concentrations (i.e., chloride), which indicate they are not being influenced by landfill leachate and that the landfill liner systems are performing as designed. Most of the landfill underdrain sampling locations showed an increase in specific conductance during the summer of 2010, which may have been related to construction activity associated with the construction of Cell 6.

- There are no impacts to downgradient surface waters related to the performance of the landfill's engineered systems (i.e., liner system, leachate collection and transport systems, etc.)

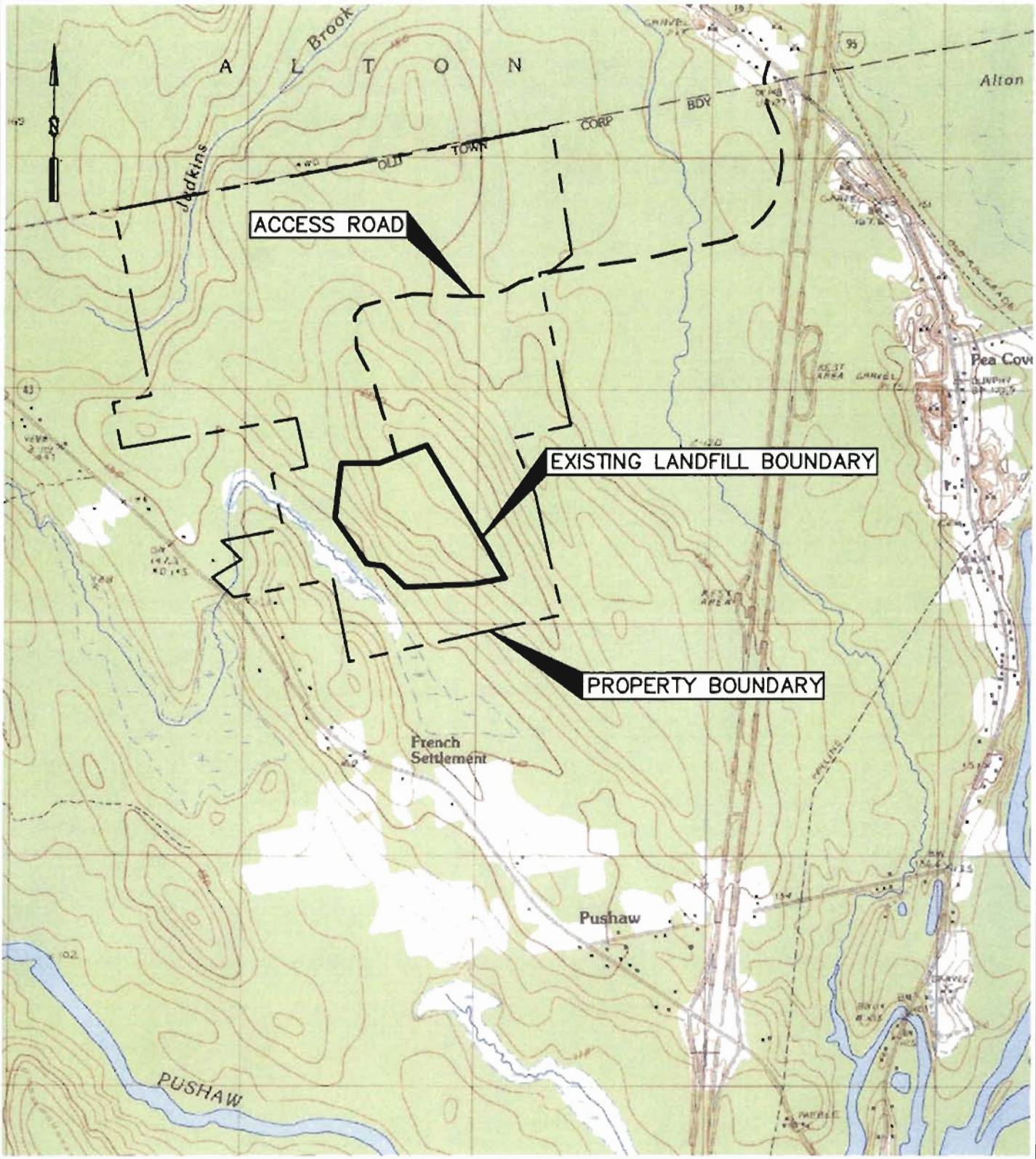
1.0 INTRODUCTION

The Juniper Ridge Landfill (formerly the West Old Town Landfill), located in Old Town, Maine, is currently owned by the Maine State Planning Office (SPO) and is operated by, NEWSME Landfill Operations, LLC (NEWSME Operations). The Juniper Ridge Landfill (JRL) was originally owned and operated by Georgia-Pacific (previously known as Fort James and James River Paper Company) as a secure, non-hazardous, generator-owned waste disposal facility. A comprehensive description of the site setting and hydrogeology is contained in the 1991 report by Sevee and Maher Engineers Inc. (SME) entitled: *James River Paper Company Inc., West Old Town Landfill Project, Old Town Maine, Volume III, Site Investigation and Hydrogeologic Evaluation, August 1991*). Figure 1-1 shows the location of the site. Figures 1-2 and 1-3 show the general site layout and monitoring locations.

Water quality has been monitored at the site since 1990 when the site was first selected for the landfill. This report describes the results of the water quality sampling and analyses for 2010 and compares the results to historical water quality at the site and to State and Federal water quality standards. The data evaluation includes statistical and graphical evaluations of trends in the data by sample location. Description of the site setting, facility layout, monitoring locations and analytical parameters are also included herein.

1.1 Landfill Conditions

The JRL site was selected after a comprehensive site search, initiated by James River Paper Company in 1988, that involved the identification and evaluation of over 58 potential landfill sites within a 20-mile radius of the Old Town paper mill. The landfill has been designed and constructed as a secure waste disposal facility in that the groundwater beneath and adjacent to the site is protected by a composite liner and a leachate collection system. Leachate generated at the site is collected and stored in an on-site storage tank, then transported to the Old Town Fuel & Fiber wastewater treatment facility for treatment. The City of Brewer's treatment facility is utilized as a back-up disposal option.



BASE MAP ADAPTED FROM 7.5 MIN
USGS TOPOGRAPHIC QUADRANGLE
OLD TOWN, MAINE–1988

1000 0 2000 4000 FEET

FIGURE 1–1
SITE LOCATION MAP
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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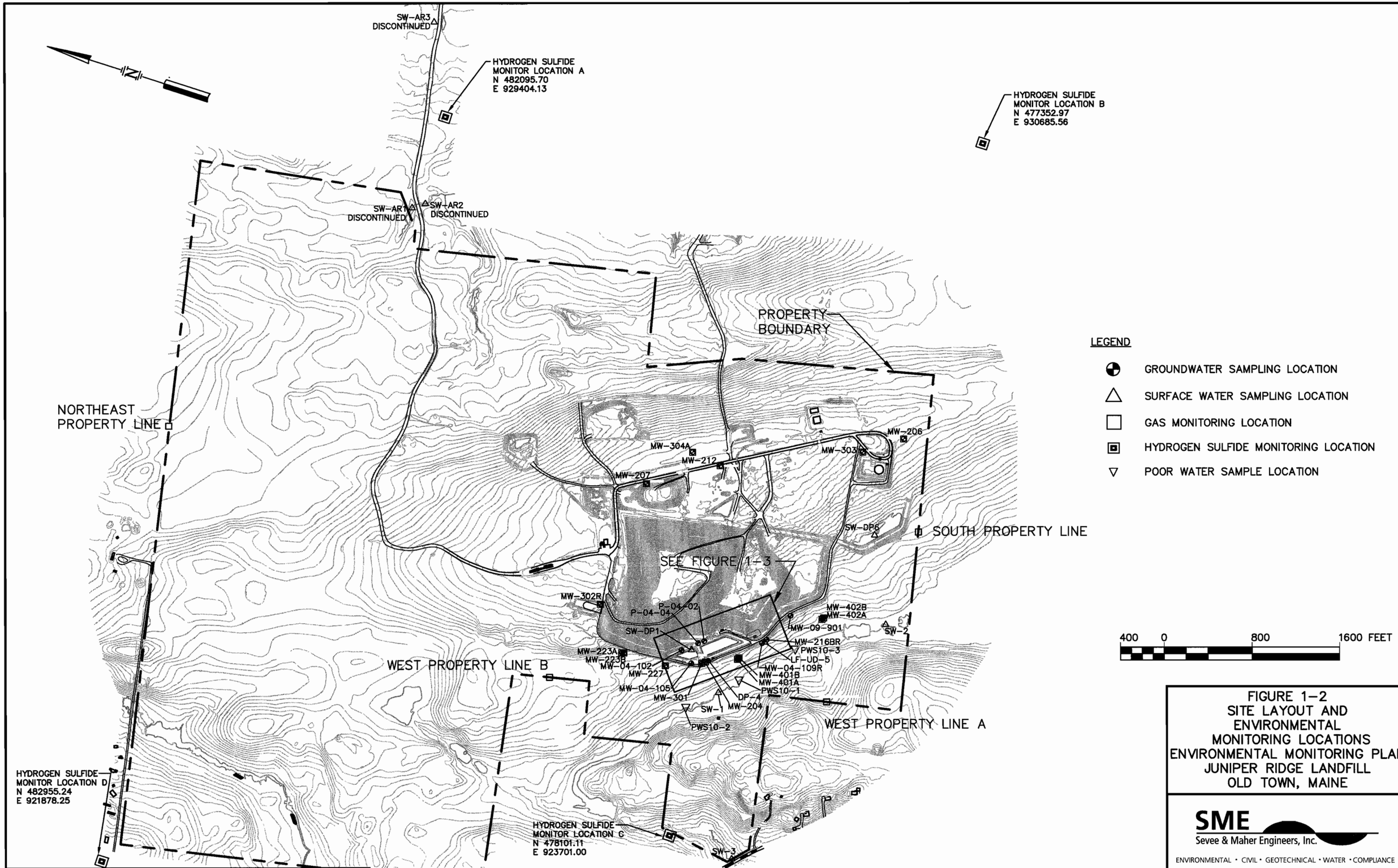

FIGURE 1-2
SITE LAYOUT AND
ENVIRONMENTAL
MONITORING LOCATIONS
ENVIRONMENTAL MONITORING PLAN
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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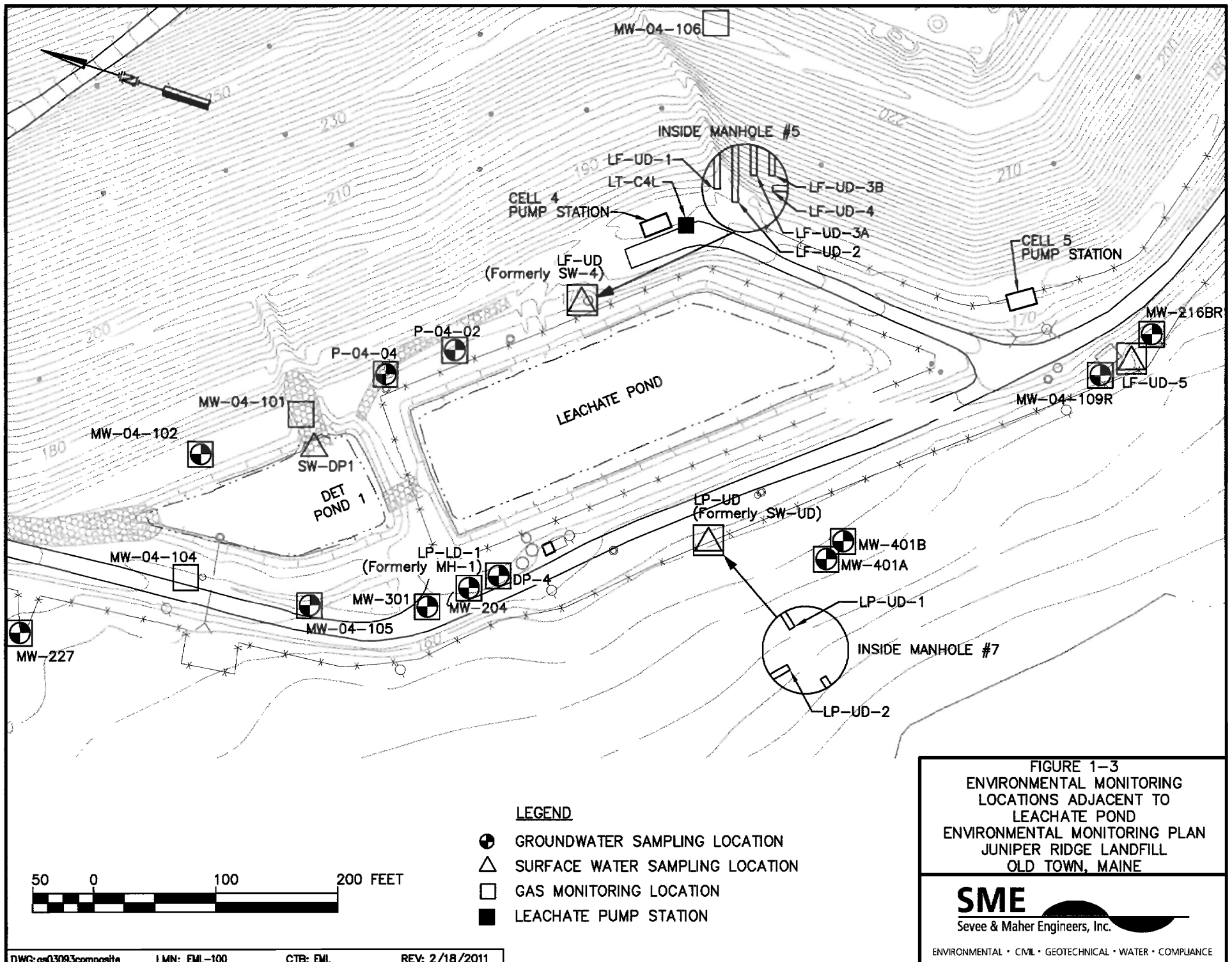

FIGURE 1-3
ENVIRONMENTAL MONITORING
LOCATIONS ADJACENT TO
LEACHATE POND
ENVIRONMENTAL MONITORING PLAN
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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The facility was originally permitted for the disposal of pulp and papermaking residuals (primarily wastewater treatment plant sludges) from the Old Town mill then owned by James River, bottom ash from Lincoln Pulp & Paper, and burn pile ash from the City of Old Town transfer station. In addition to the waste streams historically disposed of at the landfill, the landfill is now permitted to receive non-hazardous waste streams generated in Maine that were historically accepted for disposal at the Pine Tree Landfill in Hampden, Maine (ref. Solid Waste Amendment Order S-020700-WD-N-A).

To date, Cells 1, 2, 3A, 3B, 4, 5, and 6 (approximately 43 acres) of the permitted 68-acre facility have been constructed. As of December 2010, approximately 3,715,300 cubic yards of the site's permitted 10.28 million cubic yards of disposal capacity have been utilized. In 2010, Cell 6 was constructed on an approximately 4-acre cell on the southwest side of the site. Construction of Cell 6 began in May 2010 and was completed in August 2010.

1.2 Hydrogeologic Setting

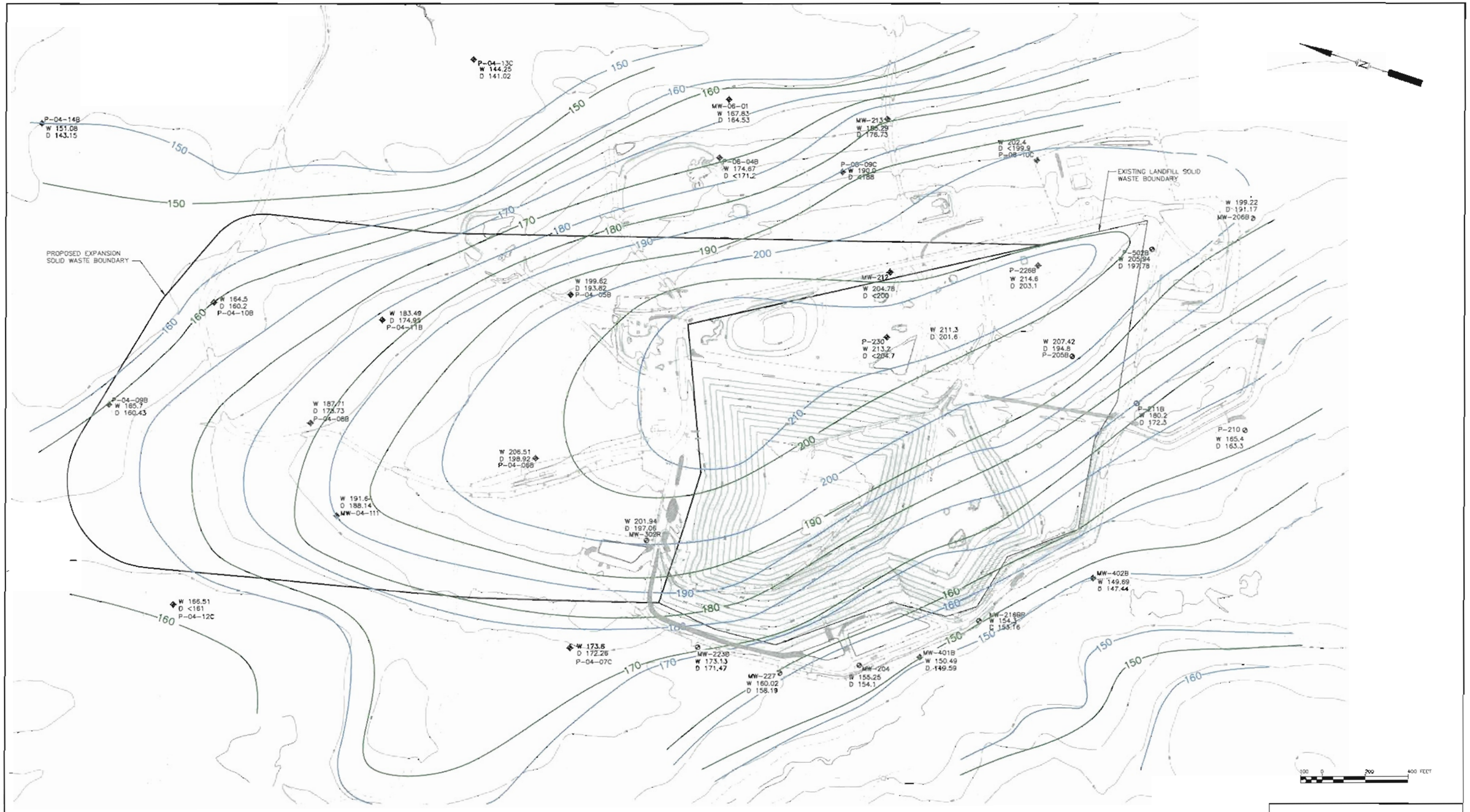
The existing JRL facility is located on the southwestern side of a northwest-southeast trending drumlin. The site topography slopes downward to the southwest towards a large wetland and an unnamed stream which empties into Pushaw Stream (Class B). Pushaw Stream empties into the Stillwater River (Class B) which flows to the Penobscot River (Class B). Groundwater is interpreted to follow the site topography and therefore generally flows towards the southwest and towards the unnamed stream. The large change in elevation from northeast to southwest across the site results in upward groundwater seepage gradients near the unnamed stream and wetland area. Horizontal groundwater seepage gradients on the western side of the stream indicate that groundwater also moves from the west towards the stream and thus the stream acts as a hydrologic boundary for groundwater flow from the landfill towards the west. The interpreted shallow groundwater phreatic surface and shallow bedrock groundwater potentiometric surface are shown in Figures 1-4 and 1-5. The 2010 groundwater level data are generally consistent with the data utilized to construct these figures.

The site is underlain primarily by glacial till with marine clay of the Presumpscot Formation in the lower topographic areas (e.g., the wetlands in the southwestern portion of the site). Throughout the site, the glacial till generally consists of a very dense brown till, grading to very dense gray till with depth. The till typically ranges from 20 to 50 feet thick beneath the landfill

and thus provides a natural containment layer for the landfill. In addition, there are several isolated, discontinuous washed till zones found beneath the basal till.

Bedrock beneath the facility has been identified as a light gray and brown metagraywacke and metaquartzite interbedded with dark gray phyllite. The metasediments are typically competent and unfoliated except for zones within the phyllite. The bedrock is mostly unweathered, although some discontinuous weathered zones have been observed. No faulting has been observed in bedrock cores and there are no faults mapped in the vicinity of the site. The bedrock surface beneath the site is locally variable; however, the surface generally slopes towards the southeast towards a bedrock trough that exists in the vicinity of the wetlands and unnamed stream at the southwest corner of the site. There are locations outside of the landfill boundary where no soil is present and bedrock is exposed at the ground surface.

Based on measured hydraulic conductivities at the site, horizontal hydraulic conductivities of the basal till at the site varies between around 10^{-7} to around 10^{-5} cm/sec resulting in estimated horizontal groundwater seepage rates from about 1 foot/year to about 40 feet/year. Slightly higher hydraulic conductivities were measured in the discontinuous washed till, which result in estimated localized horizontal groundwater seepage velocities ranging from 50 to 200 feet per year in the washed till. Hydraulic conductivities of the bedrock were measured to range from around 10^{-7} to upper 10^{-3} cm/sec resulting in estimated horizontal groundwater seepage rates of less than 1 foot per day to 40 feet per day in the bedrock fractures.



NOTES:

1. EXISTING GROUND CONTOURS FROM NOVEMBER 12, 2010 AERIAL SURVEY PERFORMED BY AERIAL SURVEY AND PHOTO, INC. OF NORRIDGEWOCK, MAINE.

2. PROPERTY LINE LOCATIONS ARE A RESULT OF FIELD SURVEY PERFORMED BY HERRICK AND SALSBURY, INC. LAND SURVEYORS, ELLSWORTH, MAINE FOR TRYTON TREE FARM PROJECT, PATTEN CORPORATION–DOWNEAST, OLD TOWN, MAINE. FEBRUARY 23, 1988, REVISED APRIL 7, 1988.

3. LOCATIONS OF EXPLORATIONS ARE APPROXIMATE.

4. GROUND WATER CONTOURS BASED ON WATER LEVEL MEASUREMENTS RECORDED DURING 2007, AND FROM HISTORICAL DATA FOR SOME LOCATIONS BEYOND THE EXPANSION FOOTPRINT.

LEGEND:

——150——	INTERPRETED WET-SEASON POTENTIOMETRIC SURFACE, (2007) IN BEDROCK (ELEVATION IN FEET NGVD).
– –150– –	INTERPRETED DRY-SEASON POTENTIOMETRIC SURFACE, (2007), IN BEDROCK (ELEVATION IN FEET NGVD).
MW-227 W 160.02 D 158.19	WELL/PIEZOMETER LOCATION WITH ELEVATION OF GROUNDWATER FOR WET (W) AND DRY (D) SEASON.

FIGURE 1–4
INTERPRETED PHREATIC SURFACE
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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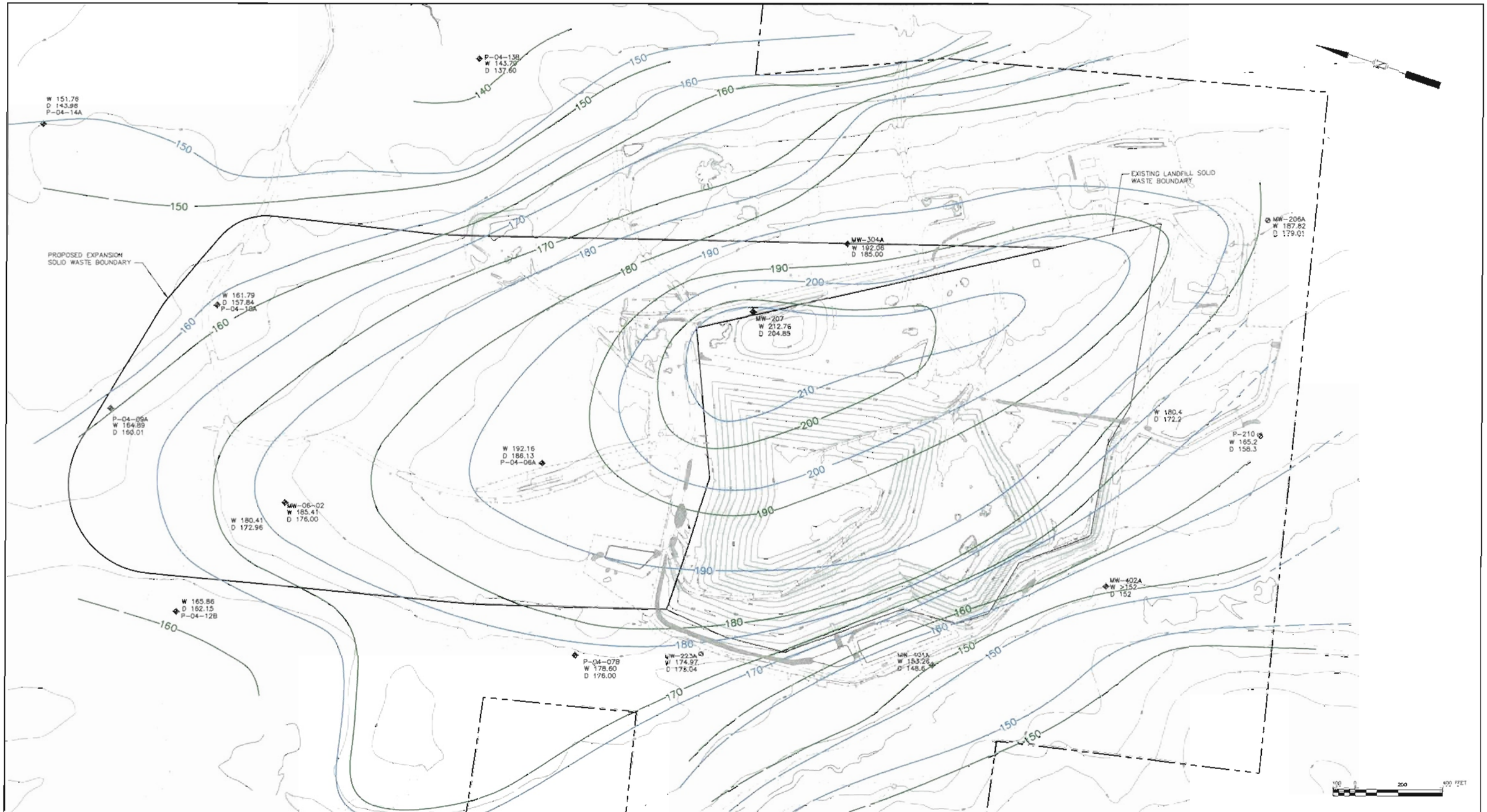

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LEGEND

—150— INTERPRETED WET–SEASON POTENTIOMETRIC SURFACE, (2007) IN BEDROCK (ELEVATION IN FEET NGVD).

– –150– – INTERPRETED DRY–SEASON POTENTIOMETRIC SURFACE, (2007), IN BEDROCK (ELEVATION IN FEET NGVD).

MW-223A W 174.97 D 175.04 WELL/PIEZOMETER LOCATION WITH ELEVATION OF GROUNDWATER FOR WET (W) AND DRY (D) SEASON.

FIGURE 1–5
INTERPRETED POTENTIOMETRIC SURFACE IN BEDROCK
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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2.0 MONITORING LOCATIONS

2.1 2010 Monitoring Locations

In 2010, water quality samples were collected from 23 groundwater monitoring wells, 3 pore-water sample locations, 5 surface water locations, 8 underdrain locations, 1 leak detection location, and 1 leachate monitoring location. These monitoring points are summarized in Table 2-1 and Table 2-2 and their locations are shown in Figures 1-2 and 1-3. Groundwater, surface water, leachate, leak detection, and underdrain samples from the landfill site were collected in April, July, and October 2010.

2.2 Groundwater Locations

Groundwater samples were collected from 23 monitoring wells in 2010. Monitoring wells MW-206, MW-207, MW-212, MW-303, and MW-304A are positioned upgradient of the landfill. Monitoring locations MW-204, MW-216BR, MW-223A, MW-223B, MW-227, MW-301, MW-401A, MW-401B, MW-402A, MW-402B, and MW09-901 are positioned downgradient of the landfill. Monitoring wells P-04-02, P-04-04, MW04-102, MW04-105, MW04-109R and DP-4, are located in proximity of the leachate pond. Monitoring well MW-302R (the replacement well of MW-302) is considered to be side-gradient to the landfill. As part of the 2009 construction scope of work, monitoring wells MW-216A, MW-216B, and MW04-109 were decommissioned after the spring (April) 2009 sampling event. These wells were replaced with monitoring wells MW-216BR, MW04-109R, and MW09-901, which are located in the same geologic formation downgradient of the landfill. Sampling of MW-216BR, MW04-109R, and MW09-901 was initiated in December 2009. Stream-base, pore-water sample locations PWS10-1, PWS10-2, and PWS10-3 were added to the groundwater monitoring program in April 2010. The pore-water sample locations are located downgradient of the Landfill along the unnamed tributary to Pushaw Stream and represent groundwater in the soils at the base of the stream. Information on the geologic formation in which site monitoring wells are screened, as well as the distance below ground of each screened interval, is listed in Table 2-1.

TABLE 2-1

GROUNDWATER MONITORING LOCATIONS

Monitoring Well	Position Relative to Landfill	Screen Depth Interval (feet-BGS)	Geologic Formation Screened
MW-204	Downgradient	13.8 – 18.8	Overburden
MW-206	Upgradient	15.0 – 20.0	Overburden
MW-207	Upgradient	25.0 – 30.0	Bedrock
MW-212	Upgradient	12.0 – 17.0	Overburden
MW-223A	Downgradient	28.0 – 33.0	Bedrock
MW-223B	Downgradient	12.6 – 17.6	Overburden
MW-227	Downgradient	15.0 – 20.0	Overburden
MW-301	Downgradient	162.7 – 182.7	Bedrock
MW-302R	Side-gradient	19.5 – 29.5	Bedrock
MW-303	Upgradient	34.7 – 44.7	Overburden
MW-304A	Upgradient	29.5-39.5	Bedrock
MW-401A	Downgradient	98.8-108.8	Bedrock
MW-401B	Downgradient	10.0-20.0	Overburden
MW-402A	Downgradient	95.5-105.5	Bedrock
MW-402B	Downgradient	12.5-22.5	Overburden
DP-4	In proximity of leachate pond	18.5 – 24.5	Overburden
P-04-02	In proximity of leachate pond	(32.11 – 37.11)[1]	Overburden
P-04-04	In proximity of leachate pond	(27.21 – 32.21)[1]	Overburden
MW04-102	In proximity of leachate pond	10 – 15	Overburden
MW04-105	In proximity of leachate pond	14.8-19.8	Overburden
MW04-109R	Downgradient	15.0 – 20.0	Overburden
MW-216BR	Downgradient	14.6 – 19.6	Overburden
MW09-901	Downgradient	15.0 – 20.0	Overburden
PWS10-1[2]	Downgradient	about 12 to 18 inches	Overburden
PWS10-2[2]	Downgradient	about 12 to 18 inches	Overburden
PWS10-3[2]	Downgradient	about 12 to 18 inches	Overburden

Note
1. Screened interval for P-04-02 and P-04-04 are from top of PVC well.
2. New probes installed for each sample event.

TABLE 2-2

SURFACE WATER, LEACHATE, UNDERDRAIN, AND LEAK DETECTION MONITORING LOCATIONS

Location Designation	Water Body Description	Position Relative To Landfill
SW-1	Unnamed tributary of Pushaw Stream	Downgradient
SW-2	Unnamed tributary of Pushaw Stream	Upgradient
SW-3	Unnamed tributary of Pushaw Stream	Downgradient
SW-DP1	Stormwater Detention Pond #1	Detention pond
SW-DP6	Stormwater Detention Pond #6	Detention pond
LF-UD-1	Cell 1 underdrain at MH #5	Underdrain
LF-UD-2	Cell 2 underdrain at MH #5	Underdrain
LF-UD-3A	Cell 3A underdrain at MH #5	Underdrain
LF-UD-3B	Cell 3B underdrain at MH #5	Underdrain
LF-UD-4	Cell 4 underdrain at MH #5	Underdrain
LF-UD5	Cell 5 Underdrain	Underdrain
LP-LD-1	Leachate pond leak detection at MH #1	Leachate pond leak detection
LP-UD-1	Leachate pond underdrain south end at MH #7	Leachate pond underdrain
LP-UD-2	Leachate pond underdrain north end at MH #7	Leachate pond underdrain
LF-COMP	Composite sample of LF-UD-1 and LF-UD-2 when water level in manhole covers both of these inlet pipes	Underdrain
LP-COMP	Composite sample of LP-UD-1 and LP-UD-2 when water level in manhole covers both of these inlet pipes at MH #7	Underdrain
LT-C4L	Leachate – Cell 4 pump station	Leachate

2.3 Surface Water Locations

Surface water samples were collected at three locations in 2010. SW-1, SW-2, and SW-3 are collected at the unnamed tributary to Pushaw Stream. SW-1 and SW-3 are located downgradient of the landfill while SW-2 is located upgradient of the landfill. Sampling of SW-AR1, SW-AR2, and SW-AR3, located along the landfill's primary access road upgradient of the landfill, was discontinued beginning in April 2010 in lieu of adding the pore-water sample locations (PWS10-1, PWS10-2, and PWS10-3) to the monitoring program. SW-DP1 and SW-DP6 are collected at Detention Pond #1 and Detention Pond #6, respectively.

2.4 Leachate Sample Location

During 2010, leachate samples were collected from the Cell 4 leachate pump station designated as LT-C4L as shown on Figure 1-3. Use of the leachate pond as the primary onsite leachate storage structure was discontinued with the construction of Cell 4 during the summer of 2008

resulting in elimination of the pond's pump station sampling location SW-LCD. All leachate generated from Cells 1, 2, 3A, 3B and 4 now flows to the Cell 4 pump station where it is pumped to the site's above ground leachate storage tank. Leachate generated in Cell 5 and Cell 6 flows to the Cell 5 pump station where it is pumped directly to the site's aboveground leachate storage tank. Future leachate samples for the facility's detection monitoring program will be collected directly from the Cell 4 pump station. Leachate samples associated with compliance monitoring for off-site wastewater treatment are collected at the leachate storage tank loading rack when transport tanker trucks are being loaded.

2.5 Leachate Pond Leak Detection Monitoring

The leachate pond's leak detection manhole (MH #1) is located outside the northwest corner of the leachate pond. This location is called LP-LD-1 and monitors the leak detection layer of the leachate pond. During 2010, tri-annual water quality field parameters were collected at this location.

As previously discussed, use of the leachate pond to store leachate was discontinued with the construction of Cell 4 in 2008. The pond is currently used as a stormwater detention pond for the collection of clean surface water runoff from covered areas of the landfill. Future monitoring of the leachate pond's leak detection system will involve the collection of field parameters during the tri-annual monitoring of the site until the pond is again used to store leachate.

2.6 Underdrain Monitoring

The sample locations where underdrain samples were collected in 2010 are shown on Figure 1-3. Manhole MH #5, located northeast of the leachate pond, is the sample location which receives groundwater entering the underdrains beneath Cells 1, 2, 3A, 3B, and 4. The underdrain for Cell 5 drains to a separate location (6-inch diameter pipe outfall) located west of the Cell 5 pump station. Underdrain samples were collected tri-annually for laboratory analysis and monthly for field parameters at sample locations LF-UD-1, LF-UD-2, LF-UD-3A, LF-UD-4, and LF-UD-5 during 2010. The construction of the Cell 6 underdrain (LF-UD-6) was not completed until the end of 2010 and, therefore, was not sampled during the 2010 report year.

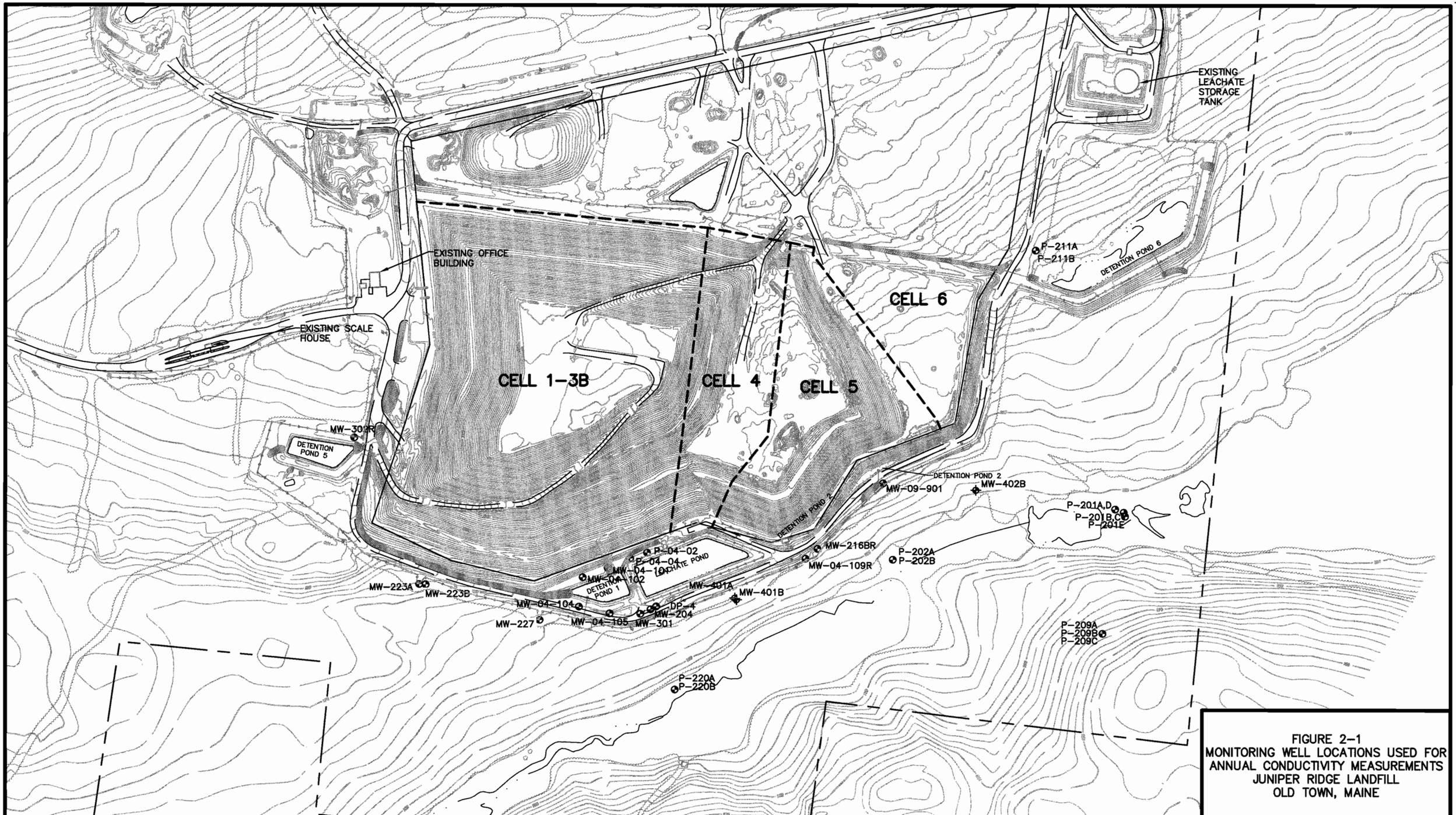
Manhole location MH #7, which is located southwest of the leachate pond, is the sample location for LP-UD-1 and LP-UD-2 which monitor groundwater entering the southern and northern underdrains, respectively, of the leachate pond. LP-UD-1 and LP-UD-2 were monitored by SME tri-annually for laboratory parameters and monthly for field parameters in 2010. The leachate pond underdrain was also monitored continuously for specific conductance and an average daily specific conductance level was recorded for this location in 2010.

Historically, during times when LF-UD-1, LF-UD-2, LF-UD-3A, and LF-UD-4 were not able to be sampled separately due to pipe invert submergence, LF-Comp has been collected from the manhole MH #5 location. This condition occurred during the November 2010 monthly field parameter sample event. The landfill underdrain system supplements as a cell leak detection system.

The results of the underdrain monitoring are discussed in Section 6.7.

2.7 Annual Monitoring Well Specific Conductance Measurements

At the request of the MEDEP, specific conductance measurements were taken from a select list of monitoring wells located downgradient of the existing landfill operations at JRL during the fall sample round of 2010. Specific conductance data collected in future years from these locations will be used as another means to track changes in water quality downgradient of the landfill. Locations measured annually for specific conductance are listed on Figure 2-1 and Table 2-3 below. A summary report table for the specific conductance data collected at the Site to date is contained in Appendix H.



NOTES

1. EXISTING GROUND CONTOURS FROM NOVEMBER 12, 2010 AERIAL SURVEY PERFORMED BY AERIAL SURVEY AND PHOTO, INC. OF NORRIDGEWOCK, MAINE.
2. PROPERTY LINE LOCATIONS ARE A RESULT OF FIELD SURVEY PERFORMED BY HERRICK AND SALSBURY, INC. LAND SURVEYORS, ELLSWORTH, MAINE FOR TRYTON TREE FARM PROJECT, PATTEN CORPORATION-DOWNEAST, OLD TOWN, MAINE, FEBRUARY 23, 1988, REVISED APRIL 7, 1988.

DWG: FIGURES LMN: FIG3-3 CONDUCTIVITY CTB: CONDUCTIVITY REV: 2/18/2011

FIGURE 2-1
MONITORING WELL LOCATIONS USED FOR ANNUAL CONDUCTIVITY MEASUREMENTS
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

SME
Sevee & Maher Engineers, Inc.
ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

\\Nserver\cfs\Casella\OldTownLandfill\Expansion\Acad\Figures\FIGURES.dwg, 4/6/2011 5:52:02 PM, paf

TABLE 2-3

MONITORING WELL LOCATIONS
USED FOR ANNUAL SPECIFIC CONDUCTANCE MEASUREMENTS

DP-4	P-04-02
MW04-101	P-04-04
MW04-102	P-201A
MW04-104	P-201B
MW04-105	P-201C
MW04-109R	P-201D
MW04-110	P-201E
MW-204	P-202A
MW09-901	P-202B
MW-216BR	P-209A
MW-223A	P-209B
MW-223B	P-209C
MW-227	P-211A
MW-301	P-211B
MW-302R	P-214A
MW-401A	P-214B
MW-401B	P-214C
MW-402A	P-220A
MW-402B	P-220B

2.8 Landfill Gas Monitoring Program

Concurrent with the site tri-annual water quality monitoring events, site monitoring wells, underdrain locations, leachate manholes, and the leak detection manhole were monitored for the presence of landfill-related gases during 2010 using a hand-held, GEM 2000 gas meter. Figures 1-2 and 1-3 show the gas monitoring locations associated with the site's water quality monitoring program.

3.0 MONITORING PARAMETERS

Detection monitoring was performed in 2010 at the locations contained in Table 2-1 and 2-2. The majority of the locations listed in Tables 2-1 and 2-2 were analyzed for the detection monitoring parameters listed in Table 3-1 in April, July, and October 2010. As requested by the MEDEP, several locations (LF-UD-1, LF-UD-2, LF-UD-3A, LF-UD-3B, LF-UD-4, LP-LD-1, LP-UD-1, LP-UD-2, DP-4, MW-204, P-04-02, and MW-401B) were analyzed for volatile organic compounds (VOCs) during the April 2010 monitoring event and leachate location (LT-C4L) was analyzed for VOCs during all three 2010 monitoring events. The leachate location (LT-C4L) was also analyzed for the parameters listed in Appendix A Column 3 of the Chapter 405 MEDEP Solid Waste Regulations during the April 2010 sample event.

TABLE 3-1

2010 DETECTION MONITORING ANALYTICAL PROGRAM

Water Quality Parameter	Method	PQL[1] (mg/l)
TDS	STM 2540C	10
TSS	STM 2540D	4
Tannins/Lignins	STM 5550B	0.2
Ammonia (NH3-N)	STM 4500 NH3 E	0.5
Arsenic (As)	SW846/6010B/3010A	0.005
Calcium (Ca)	SW846/6010B/3010A	0.3
Iron (Fe)	SW846/6010B/3010A	0.05
Magnesium (Mg)	SW846/6010B/3010A	0.3
Manganese (Mn)	SW846/6010B/3010A	0.05
Potassium (K)	SW846/6010B/3010A	0.3
Sodium (Na)	SW846/6010B/3010A	0.3
Total Organic Carbon (TOC)	SW846/9060A	2.0
Chloride (Cl^-)	SW846/E300/9056	1.0
Sulfate (SO_4)	SW846/E300/9056	2.0
Nitrate (NO_3-N)	SW846/E300/9056	0.3
Bicarbonate (HCO_3-$CaCO_3$)	STM 2320B	1.5
Volatile Organic Compounds (VOCs)[3]	U.S.EPA 8260B	0.001 – 0.01
Chemical Oxygen Demand (COD)	Hach 8000	10
Sulfide[8]	SW846/9030B	0.1
Total Kjeldahl Nitrogen (TKN)[4]	STM 4500 NORC	0.3
Total Phosphorous[5]	U.S.EPA 365.3	0.04
Biochemical Oxygen Demand (BOD)[6]	STM 5210B	5
Cadmium (Cd)	SW846/6010B/3010A	0.0006
Copper (Cu)	SW846/6010B/3010A	0.003
Nickel (Ni)	SW846/6010B/3010A	0.005
Field Parameters		
Groundwater Elevation	Field Measurement	NA
Specific Conductance	Field Measurement	NA
Dissolved Oxygen (DO)	Field Measurement	NA
pH	Field Measurement	NA
Eh	Field Measurement	NA
Temperature	Field Measurement	NA
Turbidity	Field Measurement (APHA 2130)	NA
Monitoring Well Pumping Rate	Field Measurement	NA
Surface Water Flow Rate	Field Measurement	NA
Field Observations	Visual Observations	NA
Total Alkalinity (as $CaCO_3$)	Field Measurement	5

TABLE 3-1 (cont'd)

Notes:
1. At dilution factor of unity
2. NA = Not Applicable.
3. VOCs are the 47 organic constituents listed in Appendix I of 40 CFR Part 258. PQLs for VOCs are reported as μg/L at a dilution factor of unity.
4. Monitoring wells and leachate only.
5. Surface waters and underdrain only.
6. Surface waters only (excluding stormwater detention ponds and underdrains).
7. In April 2010, MW-401B, LF-UD-1, LF-UD-2, LF-UD-3A, LF-UD-3B, LF-UD-4, LF-UD-5, LP-LD-1, LP-UD-1, LP-UD-2, DP-4, P-04-02, and MW-204 were analyzed for VOC compounds. Leachate was analyzed for VOC compounds during all three monitoring events in 2010.
8. In April 2010, leachate was analyzed for Appendix A Column 3 parameters (from Chapter 405 MEDEP Solid Waste Regulations) including sulfide.

4.0 SAMPLING TECHNIQUES

4.1 Monitoring Wells

Groundwater samples were obtained from the monitoring wells utilizing low-flow sample collection techniques in general accordance with the current Environmental Monitoring Program (EMP) for the landfill (revised April 2010). The low-flow sampling program includes dedication of a small-diameter (1/8-inch I.D.) polyethylene tubing in each well. The tubing is secured at the top of the well such that the inlet of the tubing is placed approximately at the middle of the screen zone in each well. Prior to sampling, the static water level is measured in each well. A peristaltic pump with an adjustable flow rate is used to purge and sample monitoring wells with relatively shallow water tables. Monitoring wells with water tables greater than 28 feet below ground surface are sampled with a dedicated deep well submersible pump, rather than a peristaltic pump, due to the depth of the groundwater.

The low-flow sampling procedure at the JRL consists of purging the monitoring well at approximately 100 to 200 ml/min. While the wells are purged, water levels and measurements of the following parameters are taken through a flow-through-cell at regular intervals: specific conductance, temperature, pH, Eh, dissolved oxygen, and turbidity. Field parameters as well as water level measurements are monitored to determine if parameter stabilization has occurred as outlined in the EMP. Once stabilization of the field parameters has occurred, in particular water levels and turbidity, a sample is collected for chemical analysis. Several of the wells have very low recharge rates and therefore do not stabilize even under low purge rates. For these wells, a sample is obtained after approximately one tubing and pump volume is purged.

4.2 Surface Water Underdrain, Leak Detection, and Leachate Locations

Grab samples are collected at the surface water, underdrain, leak detection, and leachate sampling locations, consistent with historical sampling methods and in accordance with the EMP. These samples are not filtered prior to analysis.

4.3 Gas Monitoring

Landfill-related gas monitoring was done using a GEM 2000 gas meter, manufacture by Landtec of Colton, California, with an auxiliary H_2S pod. Measurement of headspace gas in the monitoring wells is measured by placing the probe tip into the upper few inches of the well casing immediately after the well cap is removed. Gas measurements at underdrain locations are measured by placing the probe at the manhole opening where underdrain samples are collected. The meter is calibrated daily before use. Methane, carbon dioxide, and oxygen are reported as percent by volume. Hydrogen sulfide is reported in parts per million by volume.

4.4 Sample Handling and Chain-of-Custody

After collecting the water quality samples, the samples were preserved on ice in coolers followed by SME shipping the samples to Maine Environmental Laboratory, of Yarmouth, Maine, where the chemical analyses were performed. Katahdin Analytical Laboratory in South Portland, Maine performed the VOC analyses and Analytics Environmental Laboratory of Portsmouth, New Hampshire performed the SVOV testing on the leachate. Chain-of-custody sheets prepared by the sampling personnel accompanied the samples and contain the signatures documenting the transfer of the water quality samples from the field sampler to the receiving laboratory.

5.0 DATA VALIDATION AND QUALITY CONTROL (QC)/QUALITY ASSURANCE (QA)

QA/QC activities associated with sampling include the utilization of standardized collection procedures and sample data records, calibration of field instruments, and the use of chain-of-custody procedures. SME followed 2010 EMP procedures to ensure that both the field instruments and protocols employed generate data that is reliable and provided valid analysis results. Instruments were calibrated, analyses were conducted to determine potential matrix interference as necessary, precision and accuracy were checked, and hold-times were verified. Analytical QA/QC involves the use of approved analytical protocols by a qualified laboratory. Water quality samples were all analyzed within the required hold-times.

Data validation and laboratory quality control procedures were followed and documented as described in the MEDEP Solid Waste Management Rules, Chapter 405. During 2010 sampling rounds, duplicate water quality samples were obtained from several monitoring locations, as discussed in water quality data submittals for each round. Reports on Relative Percent Difference (RPD), calculated ratios of TDS to specific conductance, and values falling outside of historic ranges for each sampling round were presented and discussed in each of the three data transmittals provided in 2010. Based on 2010 data validation and laboratory quality control information, acceptable quality control was achieved in field and laboratory procedures.

6.0 WATER QUALITY EVALUATION

Groundwater and surface water quality samples were collected at monitoring locations designated in the 2010 EMP during April, July, and October 2010. Laboratory analytical reports, field data sheets, and data validation documentation have been presented in tri-annual data submittals forwarded to MEDEP during 2010 for each sampling round.

Noteworthy observations in the data for 2010 have been identified and are reported below in Sections 6.1 through 6.7 of this report. Water quality data not specifically referenced in this report are considered to be generally consistent with the previously collected water quality data for the JRL and are not changing significantly over time. 2010 data and historical data for each monitoring location are summarized in the data summary sheets contained in Appendix A of this document. The summary sheet prepared for each sampling location contains a map and description of the monitoring point, a summary of water quality observations, and a statistical summary of the data.

Also included in Appendix A is box and whisker plots of monitoring data for each sampling location. The box and whisker plots graphically illustrate the annual concentration ranges and annual median value for each parameter's analytical results and also provide a useful way to visually identify trends in the water quality data. Where long-term trends occur in the data, the trends are typically visually detectable on the plots. Plotting the range of annual values on the box and whisker plots also provides a sense of the variability of the annual data (statistically expressed as a standard deviation) and whether or not an apparent trend may be real or lies within the inherent variability of the data. Visual observation of water quality trends over time using the historical data (including 2010 data), was aided by using a fast-Fourier transform regression of a parameter's annual mean concentration values. A graph of the fast-Fourier regression accompanies the box and whisker plots in Appendix A. Appendix B contains tables of water quality data collected from 1990 through 2010 for the sampling locations and parameters identified in this report. We also believe it is valuable to visually compare the results of the trend screening analyses discussed in Section 6.1 below with the time-series plots (box and whisker plots). The long-term data plots for individual wells and individual parameters helps to further clarify long-term trend behavior.

6.1 Mann-Kendall Trend Analyses

Mann-Kendall trend analyses were run for the JRL water quality data to screen for potential statistically significant changes in water quality parameter concentrations over time. The Mann-Kendall analysis was chosen because it is nonparametric and is robust to outliers, missing data, and non-detects. Time-series plots of water quality parameter concentrations often contain multiple trends over time due to various factors. In order to evaluate current trends for this annual report, the Mann-Kendall trend analyses were run for the site data over two time periods; from the end of 2010 back five years and three years. The three-year and five-year timeframes are more suitable for evaluating landfill performance and changes in water quality related to recent site operations and clearly identify ongoing trends.

The Mann-Kendall test was run with a 0.05 Type-I error (i.e., 95% confidence level). For this evaluation, we consider a statistically significant trend to be one in which the potential Type-I error is less than 0.05. The Mann-Kendall results are included in Appendix C.

At the 95 percent confidence level, five (MW-207, MW-212, MW-223A, MW-223B, and MW-303) of the twenty-three site groundwater monitoring wells that have a sufficient number of data points had four or more parameters with statistically significant upward trends over the last five years (2006 to 2010). Of these five wells, three (MW-207, MW-212, and MW-303) are located upgradient of the active areas of the landfill and two are located downgradient of the landfill. Four of these same wells (MW-207, MW-223A, MW-223B, and MW-303), and another (MW-206), had 4 or more parameters with statistically significant upward trends in the last three years (2008 to 2010). Three of these five wells (MW-206, MW-207, and MW-303) are located upgradient of the active areas of the landfill. The majority of these monitoring wells noted with increasing trends are located in areas that experienced construction-related activities or traffic in 2010 associated with the Cell 6 construction project.

At the 95 percent confidence level, ten of the monitoring wells (MW04-102, MW04-105, MW-204, MW-206, MW-223A, MW-304A, MW-401A, MW-401B, P-04-02, and P-04-04) had decreasing trends for four or more parameters over the last five years. Two of these same wells (MW04-105-and MW-204) and one other (DP-4) had decreasing trends for four or more parameters over the last three years. MW-401B, MW04-102, MW04-105, and MW-223A are

located downgradient of the landfill; DP-4, P-04-02, MW-204, MW-401A, and P-04-04 are located in proximity of the leachate pond; and MW-206 and MW-304A are located upgradient of the landfill.

None of the surface water locations had four or more parameters with statistically significant (at the 95 percent confidence level) increases over the last three to five year period Surface water locations SW-1, SW-2, SW-3, and SW-DP1 had four or more parameters with statistically significant decreasing trends during the last five-year period. There were no surface water locations that had four or more parameters with statistically significant decreasing trends during the last three-year period.

This data and the 2010 Mann-Kendall analysis suggests that the subtle increasing trends are not related to the performance of the landfill liner system and that groundwater and surface water quality downgradient of the landfill has not been adversely impacted by the landfill.

Of the nine underdrain or leak detection monitoring locations for the landfill or leachate pond with a sufficient number of data points to perform the Mann-Kendall analysis, only one location (LF-UD-1) had statistically significant upwards trend for four or more parameters in the last five years, and one location (LF-UD-2) had a statistically significant upwards trend for four or more parameters in the last three years. None of the underdrain locations had statistically significant decreasing trends during the last three- and/or five-year periods.

6.2 Bedrock Groundwater

Groundwater quality in the bedrock is measured at seven (7) monitoring wells. Bedrock groundwater upgradient of the site is monitored at MW-207 and MW-304A. Bedrock groundwater downgradient of the landfill area is monitored at MW-223A, MW-301, MW-401A, and MW-402A. Monitoring well MW-302R monitors groundwater along the northwestern side of the landfill and is not interpreted to be downgradient of the landfill. Notable observations in bedrock groundwater quality during 2010 are as follows:

- Upgradient bedrock monitoring location MW-207 and cross-gradient bedrock monitoring location MW-302R continue to record parameter concentrations that are generally greater than concentrations recorded in upgradient monitoring

location MW-304A. However, the parameter concentrations of MW-207 and MW-302R can be attributed to non-landfill related sources (i.e., construction traffic, soil stockpiles, septic leachfields, etc.) and are likely not related to the performance of the landfill's liner system.

The Department noted, in its review of the 2009 Annual Report, elevated concentrations of ammonia and TOC in MW-207 that indicated impact beyond what would be expected from construction activity alone. Inspection of the well in late 2009 discovered the presence of a family of mice living between the outer protective casing and inner casing of the well. Prior to the spring of 2010 sampling event, the outer well casing (and mice nest) was removed and the well was redeveloped by pumping two weeks prior to the sampling event. It is noted that several of the elevated parameter concentrations (ammonia, TKN, nitrate, and TOC) dropped significantly in 2010. It should also be noted that this monitoring well is scheduled to be decommissioned in 2011 as part of the Cell 7 construction effort. A replacement well located in the same geologic formation will be installed and added to the facility's detection monitoring program accordingly.

The garage facility, former topsoil and stump stockpile area, and a leachfield lies upgradient of MW-302R. The roadways uphill and adjacent to MW-302R drain into a ditch that passes alone side of the well. Thus, the water quality results for MW-302R are influenced by site features other than the landfill.

- Downgradient bedrock monitoring wells MW-401A and MW-402A both have relatively low parameter concentrations, similar to or only slightly greater than those measured upgradient of the landfill.

- Downgradient bedrock monitoring wells MW-223A and MW-301 have parameter concentrations that are slightly greater or greater than those concentrations measured upgradient of the landfill. MW-223A has several parameters with statistically increasing trends over the last three- and five-year periods.

- Parameters measured in the site bedrock monitoring wells that exceeded their MCLs or MEGs during 2010 are identified in Appendix A and included the following:

  - Arsenic concentrations at MW-207, MW-302R, and MW-402A were slightly above the MCL (0.01 mg/L) and MEG (0.01 mg/L) during monitoring events in 2010 (ranging from 0.011 to 0.041 mg/L). Although arsenic concentrations at these locations exceed the arsenic MCL, the arsenic levels at the site have remained constant throughout the site's monitoring history and are consistent with arsenic concentrations occurring in Maine groundwater (Welch, A.H., and Stollenwerk, K.G., 2003. Arsenic in Groundwater – Geochemistry and Occurrence, Klower Academic Publishing, Boston, MA);
  - Iron exceeded its MEG of 5 mg/L at MW-207 during the April and October 2010 sample events (12.2 mg/L and 23.2 mg/L, respectively).
  - Manganese exceeded its MEG of 0.5 mg/L at MW-207 during the three sampling rounds in 2010 (ranging from 1.26 to 5.48 mg/L); and
  - Sodium exceeded its MEG of 20 mg/L at MW-302R during the July and October 2010 sample events (20.3 mg/L and 22 mg/L, respectively).

6.3 Overburden Groundwater

During 2010, groundwater quality in the overburden was measured at 16 monitoring wells, and three pore-water sample locations. Overburden groundwater upgradient of the site is monitored at three locations: MW-206, MW-212, and MW-303. Overburden groundwater downgradient of the landfill area was monitored at 13 monitoring well locations (DP-4, MW-204, MW-223B, MW-227, MW-401B, MW-402B, P-04-02, P-04-04, MW04-102, MW04-105, MW04-109R, MW-216BR, and MW09-901), and three pore-water monitoring locations (PWS10-1, PWS10-2, and PWS10-3). Notable observations in overburden groundwater quality are as follows:

- For the most part, the upgradient overburden monitoring wells all have relatively low parameter concentrations. Only arsenic at monitoring location MW-206 exceeded its MCL and MEG of 0.01 mg/L during the October 2010 sample event

(0.015 mg/L). No other MCLs or MEGs were exceeded in any of the upgradient overburden wells during 2010.

- The majority of the site's downgradient overburden monitoring wells recorded parameter concentrations in 2010 that were generally consistent with previous monitoring results. Parameter concentrations that exceeded historical minimum and maximum concentration values are identified on the individual water quality summary sheets contained in Appendix A. Parameter concentrations that exceeded regulatory standards for MCLs or MEGs are also identified in Appendix A by sample location.

- Parameter values for the majority of the wells installed in 2004 to investigate water quality impacts from previous operations at the site continue to show improvement.

- Volatile organic compounds (VOCs) were analyzed for at DP-4, MW-204, P-04-02, and MW-401B in April of 2010. VOCs were not detected above the laboratory reporting limit at any of these locations in 2010.

6.4 Surface Water

Surface water at the site is monitored at three locations (SW-1, SW-2, and SW-3) on the southwest side of the landfill along an unnamed tributary to Pushaw Stream. Surface water was also monitored at two surface water detention ponds (SW-DP1 and SW-DP6) during 2010. Parameter concentrations that exceeded historical minimum and maximum concentration values for these surface water monitoring locations are identified on the individual water quality summary sheets contained in Appendix A. Parameter concentrations that exceeded the Federal Criterion Continuous Concentration (FCCC) surface water standards are also identified in Appendix A by sample location. Notable observations in the surface water sampling data for 2010 are as follows:

- Along the unnamed tributary to Pushaw Stream, parameter concentrations in 2010 at downgradient locations SW-1 and SW-3 were generally similar to those measured at SW-2 located upstream and upgradient of the landfill.

- SW-DP1 is collected from a surface water detention pond at the downgradient western edge of the site. SW-DP6 is a surface water detention pond sampling location at the southern end of the site. Parameter concentrations at SW-DP1 were similar to historical concentrations for most parameters. Concentrations of several parameters at SW-DP1 have decreased over the last three- and five-year period. SW-DP6 is a relatively new sample location that was sampled for the first time in October 2009. Parameter concentrations recorded at DW-DP6 were generally consistent with those concentrations recorded at SW-DP1.

6.5 Leachate

The landfill leachate is sampled and analyzed as part of the ongoing water quality monitoring program. During 2010, leachate constituent concentrations measured at the Cell 4 pump station (LT-C4L) were generally greater than historical data collected at the site's leachate pond (SW-LCH). The increase in parameter concentration may be related to the fact that historical leachate was collected from a pond (approximately one acre in size) that is exposed to the atmosphere whereas the current leachate is collected directly from the cell's leachate collection piping network. Parameter concentrations that exceed historical minimum and maximum concentration values are identified on the leachate quality summary sheet contained in Appendix A. Leachate was monitored for VOCs during all 2010 monitoring events. Appendix D lists VOCs detected above the laboratory reporting limits in 2010.

6.6 Leak Detection

The 2010 leak detection monitoring at the leachate pond's leak detection manhole, location LP-LD-1, indicates the leachate pond liner is intact and functioning properly. The monthly leak detection field data for LP-LD-1 is presented in Appendix E, and the tri-annual LP-LD-1 water quality data is included in Appendix A. Because the pond is no longer used as the primary leachate storage structure on site, this monitoring location was dropped from the detection

monitoring program at the end of 2009 and monitoring was reduced to field parameters only, until the pond is again used to store leachate.

6.7 Underdrains

The 2010 monthly underdrain field data is presented in Appendix E, and the tri-annual underdrain water quality data is included in Appendix A. During 2010, the landfill underdrain samples had relatively low parameter concentrations and high dissolved oxygen levels. The results are similar to upgradient groundwater monitoring locations, thus confirming that the landfill liner systems are performing as designed. Slight increases in some parameter concentrations at the landfill cell's underdrain locations are likely attributed to the disturbance associated with the construction of Cell 5 and Cell 6 during the last two years, and the stormwater management associated with the construction of those cells (i.e., pumping all stormwater to Detention Pond #4 located immediately upgradient of the landfill Cells 1 through 4). VOCs were analyzed for at all underdrain locations (both landfill and leachate pond underdrains) in April of 2010. No VOCs were detected above the laboratory reporting limits in 2010 at any of the underdrain locations. A lack of significant increases in chloride, a major constituent of the leachate, at any of the landfill cell underdrain sample locations, along with the lack of VOCs, confirms the landfill liner is performing as designed.

The landfill underdrains (LF-UD-1, LF-UD-2, LF-UD-3A, and LF-UD-5) were all sampled independently during the April 2010 sample event. The Cell 3B and Cell 4 underdrains (LF-UD-3B and LF-UD-4) were noted as being dry during the April 2010 sample event. During the July and October 2010 sample events, the groundwater table had dropped below the underdrains for Cells 1, 3A, 3B, and 4; as such, only Cells 2 and 5 were flowing and could be sampled during those events. The Cell 6 underdrain (LF-UD-6) did not become operational until December 2010, as such, no laboratory analysis was performed at this location in 2010.

During 2010, the leachate pond underdrain location LP-UD-1 was dry during all three tri-annual water quality sampling events. During 2010, parameter concentrations at leachate pond underdrain location LP-UD-2 were generally slightly greater than those in upgradient groundwater and were also likely affected by recent construction at the site. The leachate pond underdrain is monitored continuously for specific conductance. The 2010 daily specific

conductance monitoring results were all below 500 μS/cm. A summary of the average daily specific conductance measurements is contained in Appendix F.

7.0 GAS MONITORING

As part of the 2010 Environmental Monitoring Plan, methane gas is measured during the collection of water quality samples at the site monitoring well standpipes, underdrain outfalls, leachate collection system, and leak detection system using a hand-held gas meter. During 2010, all methane gas monitoring results were less than 0.1 percent methane by volume. Hydrogen sulfide (H_2S) and carbon dioxide were also monitored at all of the above locations in 2010 and not detected at any of the above listed locations. Oxygen was detected at all locations. Gas monitoring results for the site (2010 and historical) are contained in Appendix G. These results indicate no landfill-related gases present in the groundwaters outside the landfill liner system.

8.0 SUMMARY AND RECOMMENDATIONS

8.1 Summary

In general, the 2010 data for the JRL is consistent with the historical data for the site. With few exceptions, the downgradient groundwater quality is similar to or has parameter concentrations only slightly greater than that of the upgradient groundwater. However, the fact that the upgradient groundwater is in close proximity to the recharge area and thus receives atmospheric water regularly in contrast to the downgradient wells, which represent groundwater that has traveled up to 2,000 feet through soil and rock, it is expected that the downgradient wells will have higher dissolved constituents present. The site water quality can be summarized as follows:

- Bedrock groundwater monitoring wells do not show impact from the landfill's or leachate pond's engineered systems (i.e., liner system, leachate collection, transport and storage systems).

- During 2010, some of the overburden monitoring wells and landfill underdrains recorded parameter concentrations that suggest that construction-related activities for Cell 6 influenced these locations.

- Samples from the landfill underdrains (LF-UD-1, LF-UD-2, LF-UD-3A, LF-UD-3B, LF-UD-4, and LF-UD-5) have low overall parameter concentrations, relatively low chloride concentrations, and no VOCs detected above laboratory reporting limits, indicating they are not influenced by landfill leachate and verifying that the landfill liner systems are performing as designed.

- Surface water downgradient of the site appears to be un-affected by the landfill operations, with SW-1 and SW-3 having similar parameter concentrations as upstream location SW-2.

8.2 Recommendations

Based on the results of the water quality evaluation presented in this document, SME does not recommend any major changes to the current site monitoring program for year 2011. As part of the 2011 construction of Cell 7, NEWSME should decommission and replace monitoring well MW-207 in accordance with MEDEP Solid Waste Rules Chapter 405.

APPENDIX A

2010 WATER QUALITY EVALUATION SHEETS AND TREND ANALYSIS PLOTS

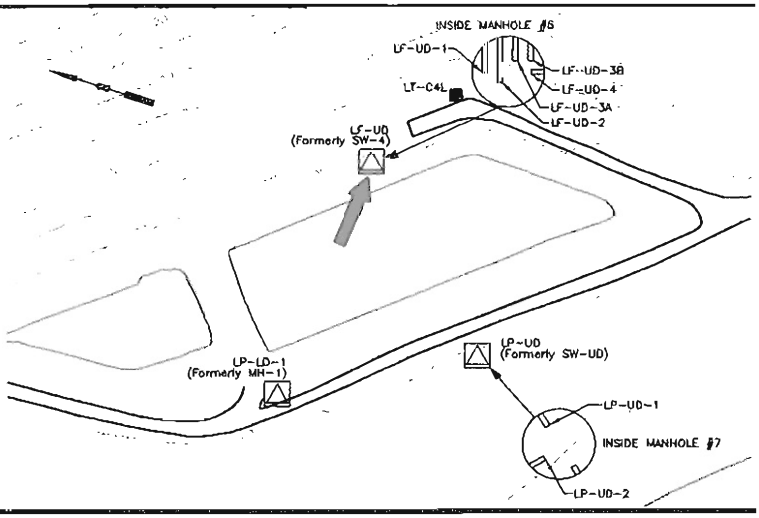
LF-UD-1

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LF-UD-1 monitors the landfill underdrain from cell #1 at manhole #5.



Sampled: **Monthly & 3 Times Annually**

Sampled Since: **07/28/04**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	Historical SE	Historical n
Specific Conductance (µmhos/cm @25°C)	389	356	F6	H2	102	611	290	11	55
pH (Standard Units)	6.5	7.5	F6	H2	6.3	8.3	7.2	0.07	55
Alkalinity (CaCO3) (field) (mg/L)	150	160	F6	H2	75	195	120	3.7	55
Arsenic (mg/L)		↑ 0.007	F6	F6	0.001	0.005	0.0021	0.000	14
Cadmium (mg/L)		0.0002 U	F6	F6	0.0002 U	0.001	0.00038	9E-05	12
Calcium (mg/L)		47	F6	F6	25	53.6	35	2.1	14
Copper (mg/L)		0.001 U	F6	F6	0.001 U	0.01	0.0032	0.001	12
Iron (mg/L)		0.02 J	F6	F6	0.02 U	0.3	0.046	0.02	14
Magnesium (mg/L)		10.6	F6	F6	7.4	11.3	9.2	0.33	14
Manganese (mg/L)		0.02 U	F6	F6	0.02 U	0.02	0.02	1E-10	14
Nickel (mg/L)		0.002 U	F6	F6	0.002 U	0.01	0.0028	0.000	12
Potassium (mg/L)		3.1	F6	F6	1.8	4	2.4	0.15	14
Sodium (mg/L)		7.6	F6	F6	5.8	9.4	7.6	0.3	14
Ammonia (N) (mg/L)		0.1 U	F6	F6	0.1 U	0.1 U	0.1	4E-10	14
Nitrate (N) (mg/L)		0.3	F6	F6	0.1	0.6	0.31	0.03	14
Phosphate Phosphorus (mg/L)		0.02 J	F6	F6	0.01 U	0.03	0.014	0.002	14
Total Dissolved Solids (mg/L)		191	F6	F6	130	218	170	6.8	14
Total Suspended Solids (mg/L)		4 U	F6	F6	4 U	4	4	0	14
Sulfate (mg/L)		6.6	F6	F6	4.4	11	7.1	0.45	14
Bicarbonate (CaCO3) (mg/L)		174	F6	F6	110	175	130	5.9	14
Organic Carbon (mg/L)		2.3	F6	F6	0.5 U	6.4	2	0.4	14
Chemical Oxygen Demand (mg/L)		3 J	F6	F6	3 U	14	4.4	0.85	14
Chloride (mg/L)		3.5	F6	F6	1.9	5.3	3.3	0.23	14
Turbidity (field) (NTU)	2.6	0.2	F6	H2	0	4.9	1.3	0.17	55
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	F6	F6	0.2 U	0.21	0.2	0.000	14

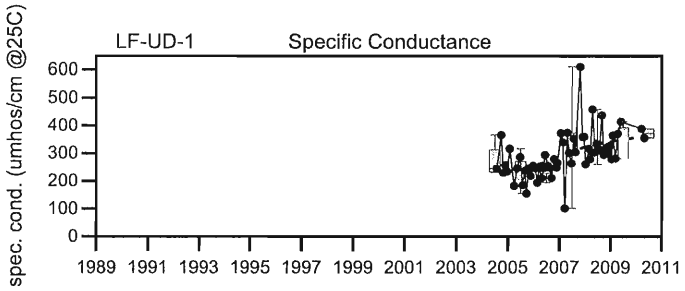
underlined/bold - values exceed a regulatory standard listed below.

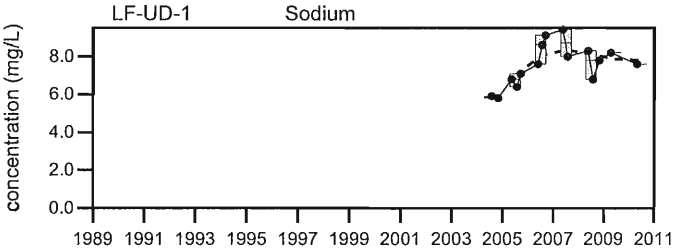
↑ Indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

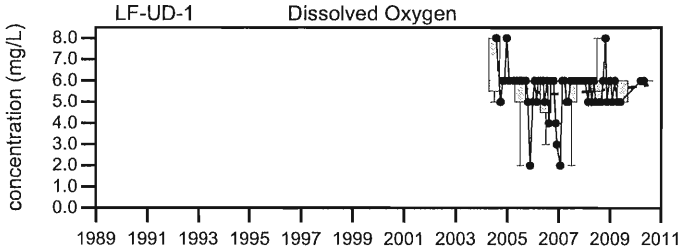
Comments

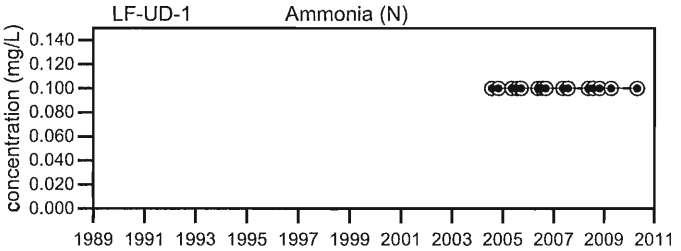
Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

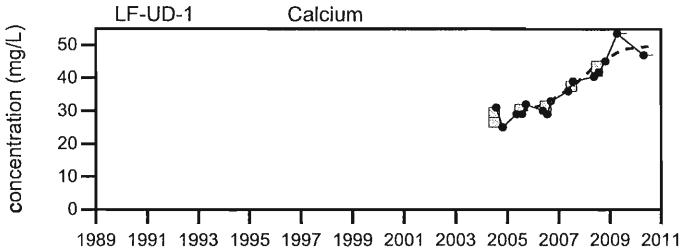
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken

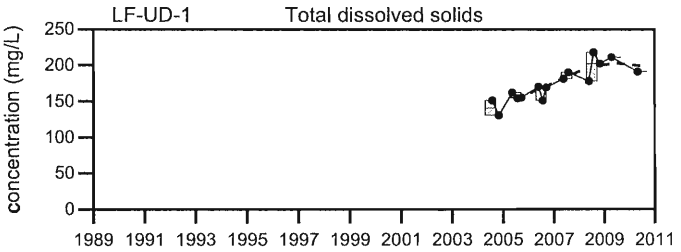


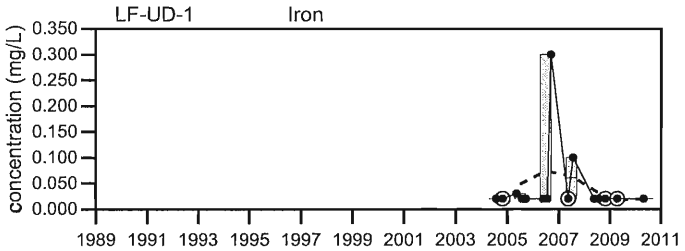


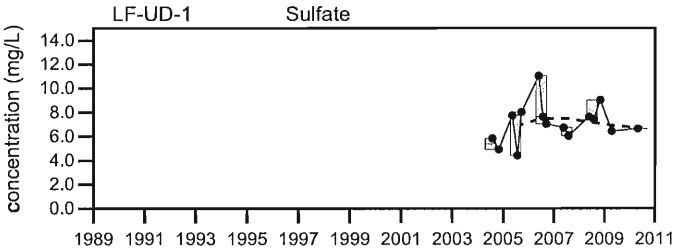


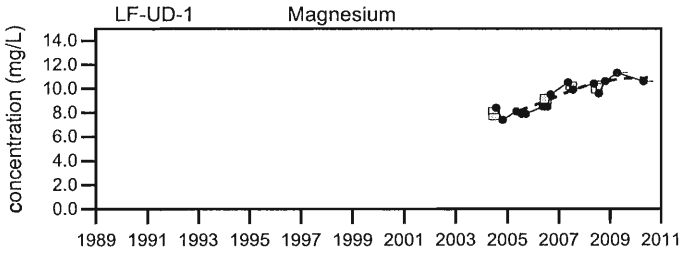


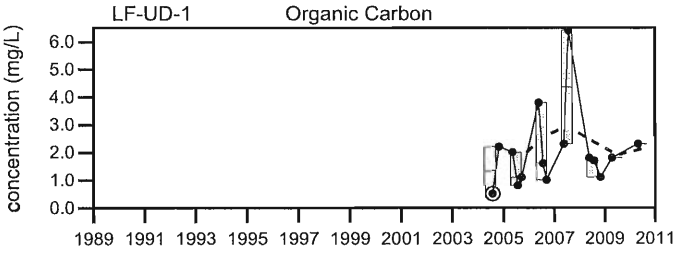


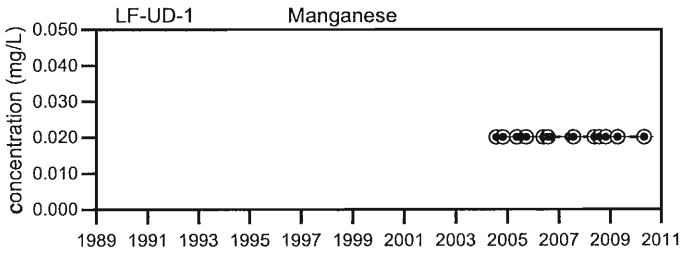


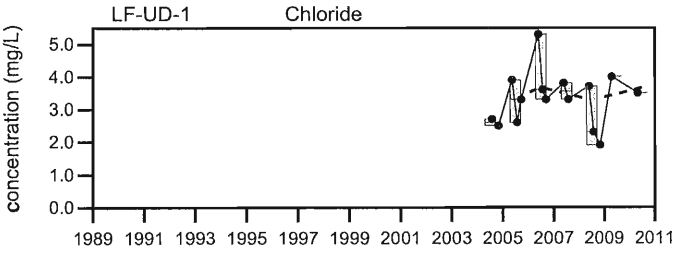












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

LF-UD-1

Sevee & Maher Engineers, Inc.

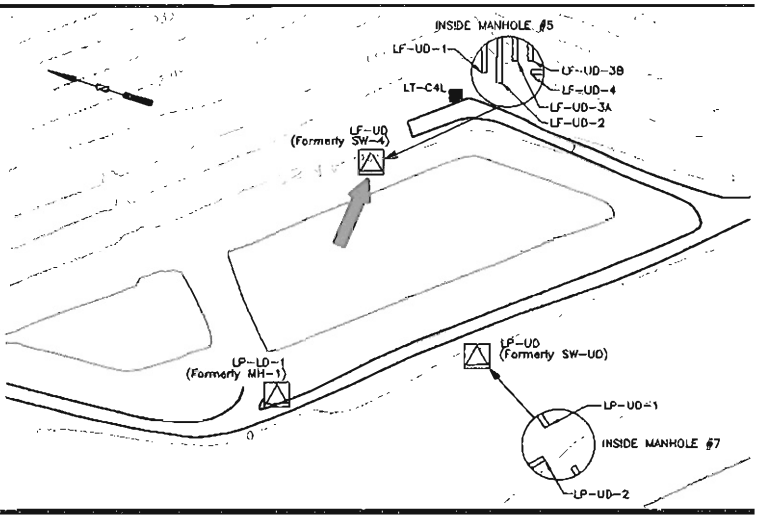
LF-UD-2

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LF-UD-2 monitors the landfill underdrain from cell #2 at manhole #5.



Sampled: **Monthly & 3 Times Annually**

Sampled Since: **07/28/04**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Specific Conductance (µmhos/cm @25°C)	335	309	↑ 499	↑ 709	134	to	457	250	±	7.8	59
pH (Standard Units)	8.2	8	8	8.2	6	to	8.3	7.5	±	0.07	59
Alkalinity (CaCO3) (field) (mg/L)	155	140	↑ 245	160	75	to	220	110	±	3.5	59
Arsenic (mg/L)		0.005	↑ 0.013	↑ 0.01	0.001 U	to	0.006	0.0026	±	0.000	15
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0005	0.00031	±	6E-05	13
Calcium (mg/L)		↑ 44.8	↑ 50.5	↑ 64.3	20	to	38.8	30	±	1.4	15
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.003	0.0027	±	0.000	13
Iron (mg/L)		0.03 J	0.02 U	0.13	0.02 U	to	0.18	0.037	±	0.01	15
Magnesium (mg/L)		9.8	10.9	↑ 12.3	6.1	to	11	7.9	±	0.29	15
Manganese (mg/L)		0.02 U	0.02 U	0.02 J	0.02 U	to	0.02	0.02	±	9E-11	15
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.002	0.0021	±	8E-05	13
Potassium (mg/L)		3.3	3.3	↑ 5	1.9	to	3.6	2.4	±	0.12	15
Sodium (mg/L)		6.6	6.2	9.9	5.2	to	18.1	6.6	±	0.83	15
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	±	4E-10	15
Nitrate (N) (mg/L)		0.2 J	0.3	0.1 J	0.1 U	to	0.4	0.28	±	0.02	15
Phosphate Phosphorus (mg/L)		0.02 J	↑ 0.66	↑ 0.05	0.01 U	to	0.02	0.016	±	0.001	15
Total Dissolved Solids (mg/L)		152	↑ 229	↑ 290	132	to	208	160	±	5.5	15
Total Suspended Solids (mg/L)		4 U	4 U	↑ 39	4 U	to	4 U	4	±	0	15
Sulfate (mg/L)		3.8	3.2	↑ 17.5	2.2	to	15.2	4.2	±	0.81	15
Bicarbonate (CaCO3) (mg/L)		134	↑ 185	↑ 213	92	to	155	120	±	3.7	15
Organic Carbon (mg/L)		1.9 J	0.7 U	0.7 U	0.6	to	12	2	±	0.73	15
Chemical Oxygen Demand (mg/L)		4 J	4 J	3 U	3 U	to	7	3.7	±	0.36	15
Chloride (mg/L)		3.8	2.4	3.2	1.7	to	7	3.1	±	0.38	15
Turbidity (field) (NTU)	↑ 8.2	1.1	↑ 8.5	0.5	0	to	6.6	1	±	0.14	59
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.2 U	0.2	±	8E-10	15

underlined/bold - values exceed a regulatory standard listed below.

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

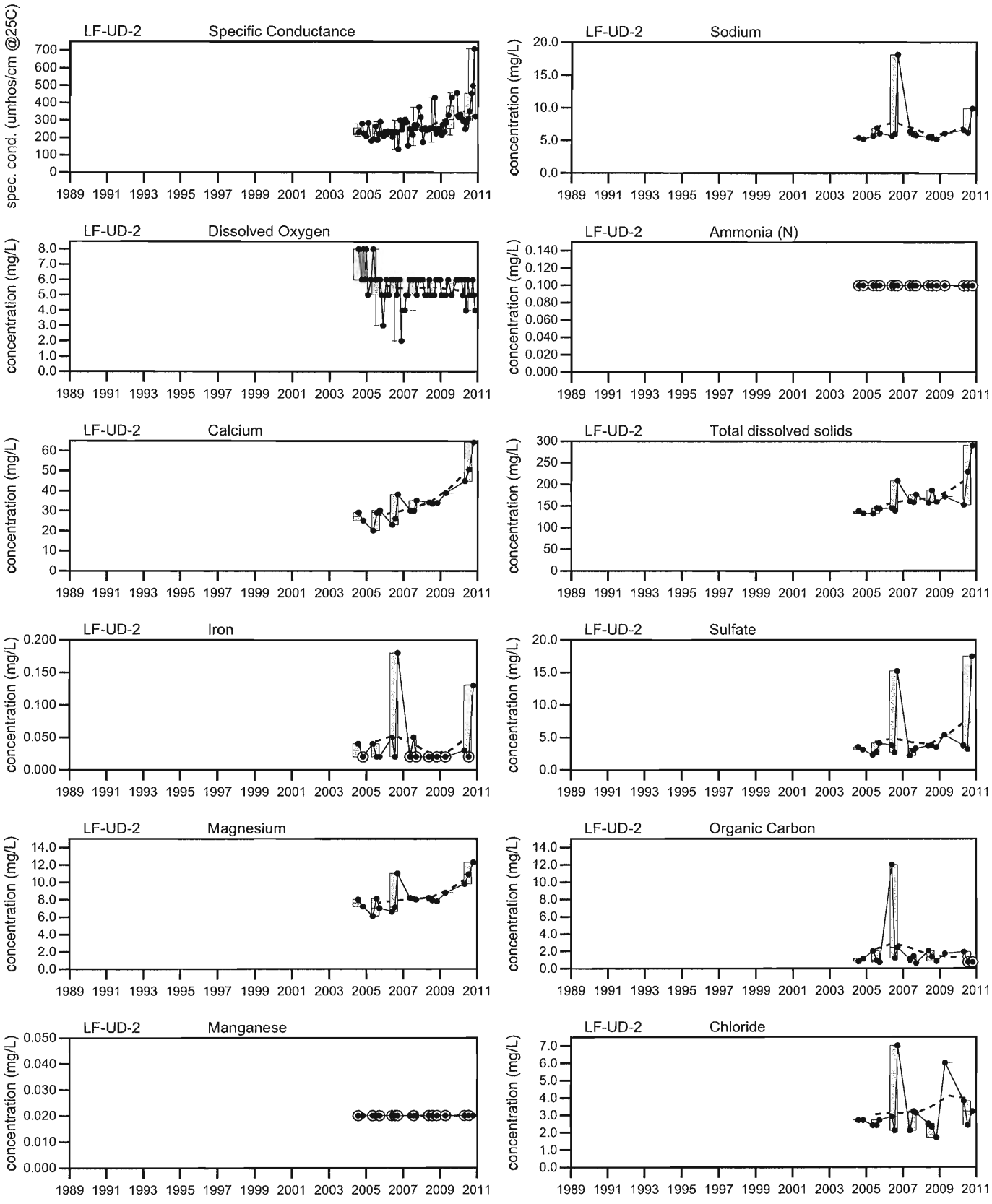
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken

Data Group: 166
Printed: 2/8/2011 13:57

SME
Stone & Maher Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

LF-UD-2

Sevee & Maher Engineers, Inc.

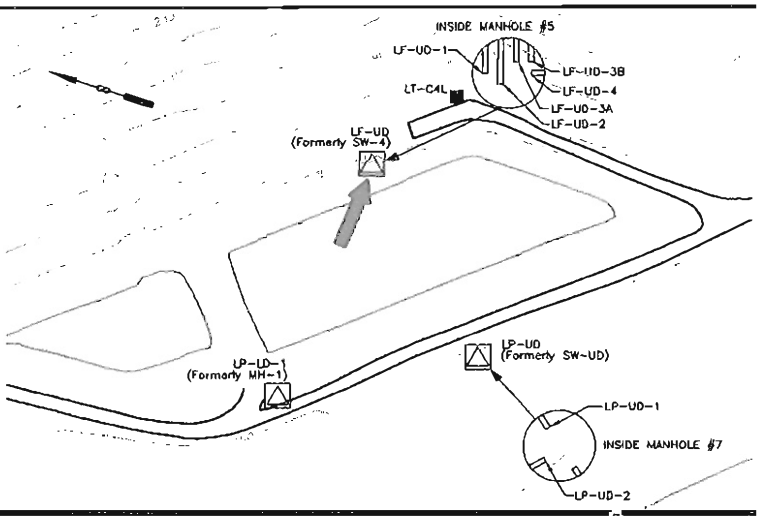
LF-UD-3A

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LF-UD-3A monitors the landfill underdrain from cell 3A at manhole #5.



Sampled: **Monthly & 3 Times Annually**

Sampled Since: **January 2007**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Specific Conductance (µmhos/cm @25°C)	490	408	F6	↑ 565	126	to	505	350	±	24	18
pH (Standard Units)	8.2	7.9	F6	8.2	6.2	to	8.4	7.6	±	0.15	18
Alkalinity (CaCO3) (field) (mg/L)	205	160	F6	200	85	to	275	140	±	12	18
Arsenic (mg/L)		↑ 0.005	F6	F6	0.003 U	to	0.003	0.003	±	4E-11	3
Cadmium (mg/L)		0.0002 U	F6	F6	0.0002 U	to	0.0004	0.00053	±	0.000	3
Calcium (mg/L)		57.4	F6	F6	46.4	to	69.9	59	±	6.8	3
Copper (mg/L)		0.001 U	F6	F6	0.001 U	to	0.002	0.002	±	0.000	3
Iron (mg/L)		0.02 U	F6	F6	0.02 U	to	0.02 U	0.02	±	2E-10	3
Magnesium (mg/L)		10.7	F6	F6	8.2	to	12.5	11	±	1.3	3
Manganese (mg/L)		0.02 U	F6	F6	0.02 U	to	0.12	0.053	±	0.03	3
Nickel (mg/L)		0.002 U	F6	F6	0.002 U	to	0.003 U	0.0023	±	0.000	3
Potassium (mg/L)		↓ 1.8	F6	F6	2	to	3.3	2.7	±	0.38	3
Sodium (mg/L)		↑ 9.5	F6	F6	6	to	8.9	7.8	±	0.9	3
Ammonia (N) (mg/L)		0.1 U	F6	F6	0.1 U	to	0.1 U	0.1	±	0	3
Nitrate (N) (mg/L)		0.3	F6	F6	0.1	to	1.3	0.7	±	0.35	3
Phosphate Phosphorus (mg/L)		0.01 J	F6	F6	0.01 U	to	0.01	0.01	±	8E-11	3
Total Dissolved Solids (mg/L)		236	F6	F6	163	to	263	230	±	31	3
Total Suspended Solids (mg/L)		4 U	F6	F6	4 U	to	4 U	4	±	0	3
Sulfate (mg/L)		13.6	F6	F6	8.3	to	16.3	13	±	2.3	3
Bicarbonate (CaCO3) (mg/L)		181	F6	F6	123	to	201	150	±	25	3
Organic Carbon (mg/L)		4	F6	F6	2.6	to	4.8	3.9	±	0.67	3
Chemical Oxygen Demand (mg/L)		3 U	F6	F6	3 U	to	10	7.3	±	2.2	3
Chloride (mg/L)		↑ 12.6	F6	F6	2.4	to	10	6.3	±	2.2	3
Turbidity (field) (NTU)	1.9	0.5	F6	0.6	0	to	5	1.1	±	0.28	18
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	F6	F6	0.2 U	to	0.24	0.21	±	0.01	3

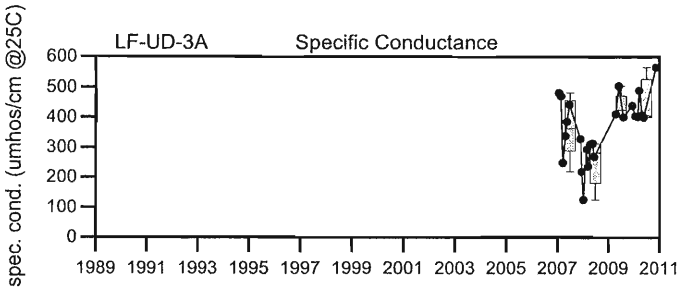
underlined/bold - values exceed a regulatory standard listed below.

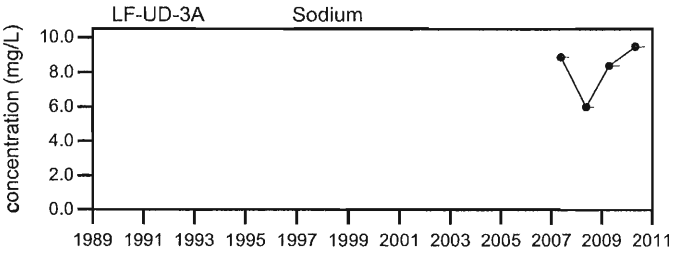
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

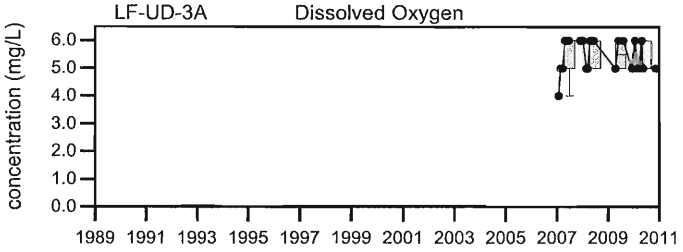
Comments

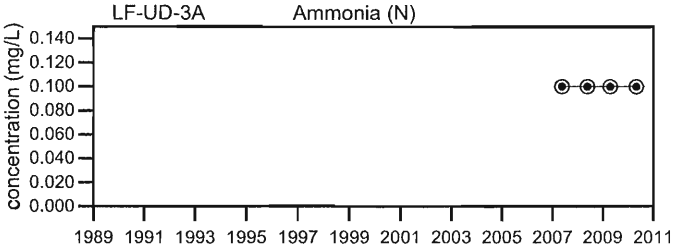
Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

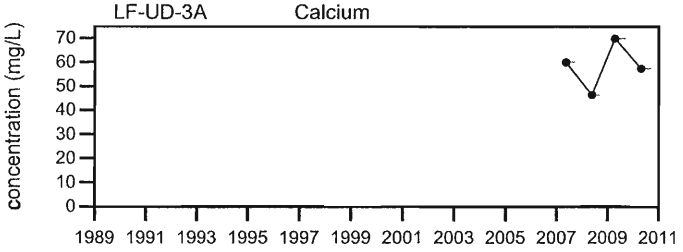
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken

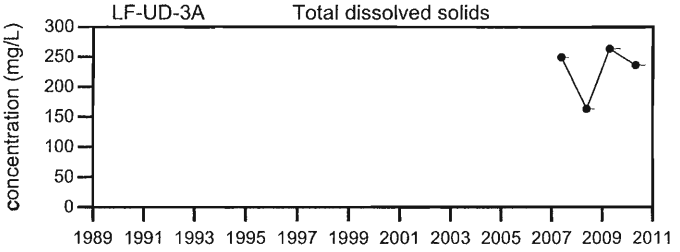


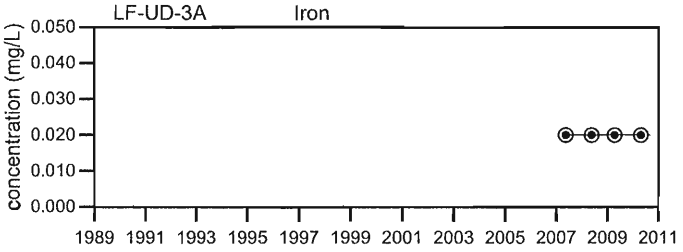


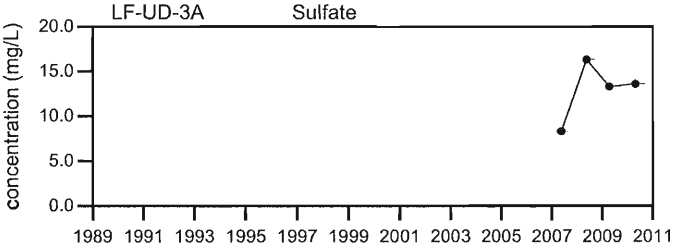


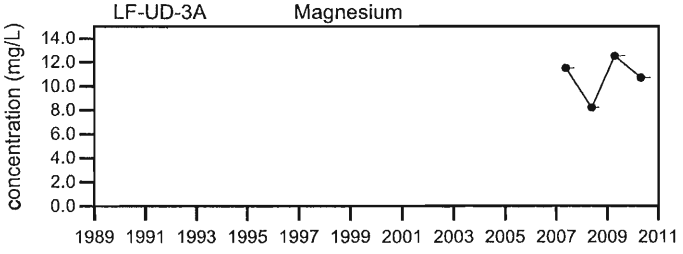


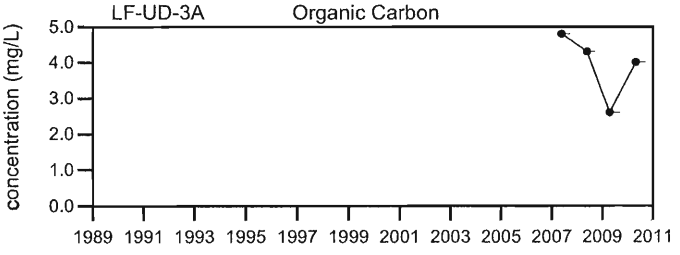


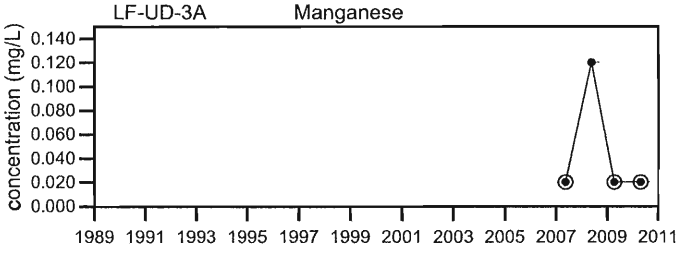


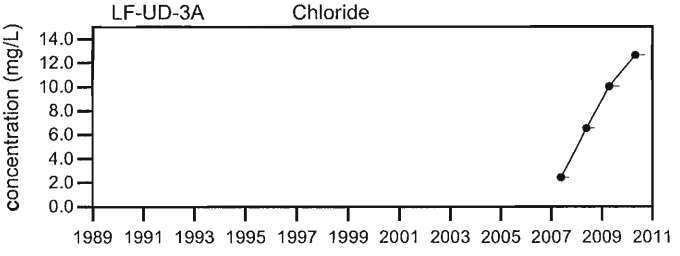












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

LF-UD-3A

Sevee & Maher Engineers, Inc.

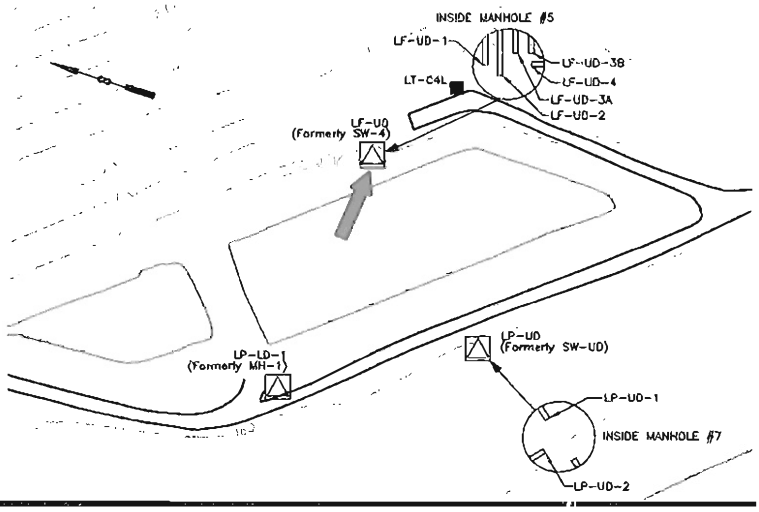
LF-UD-3B

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LF-UD-3B monitors the landfill underdrain from cell 3B at manhole #5.



Sampled: **Monthly & 3 Times Annually**

Sampled Since: **March 2009**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)	F6	F6	F6	H2	No historical data for Specific Conductance.				
pH (Standard Units)	F6	F6	F6	H2	No historical data for pH.				
Alkalinity (CaCO3) (field) (mg/L)	F6	F6	F6	H2	No historical data for Alkalinity (CaCO3) (field).				
Arsenic (mg/L)		F6	F6	F6	No historical data for Arsenic.				
Cadmium (mg/L)		F6	F6	F6	No historical data for Cadmium.				
Calcium (mg/L)		F6	F6	F6	No historical data for Calcium.				
Copper (mg/L)		F6	F6	F6	No historical data for Copper.				
Iron (mg/L)		F6	F6	F6	No historical data for Iron.				
Magnesium (mg/L)		F6	F6	F6	No historical data for Magnesium.				
Manganese (mg/L)		F6	F6	F6	No historical data for Manganese.				
Nickel (mg/L)		F6	F6	F6	No historical data for Nickel.				
Potassium (mg/L)		F6	F6	F6	No historical data for Potassium.				
Sodium (mg/L)		F6	F6	F6	No historical data for Sodium.				
Ammonia (N) (mg/L)		F6	F6	F6	No historical data for Ammonia (N).				
Nitrate (N) (mg/L)		F6	F6	F6	No historical data for Nitrate (N).				
Phosphate Phosphorus (mg/L)		F6	F6	F6	No historical data for Phosphate Phosphorus.				
Total Dissolved Solids (mg/L)		F6	F6	F6	No historical data for Total Dissolved Solids.				
Total Suspended Solids (mg/L)		F6	F6	F6	No historical data for Total Suspended Solids.				
Sulfate (mg/L)		F6	F6	F6	No historical data for Sulfate.				
Bicarbonate (CaCO3) (mg/L)		F6	F6	F6	No historical data for Bicarbonate (CaCO3).				
Organic Carbon (mg/L)		F6	F6	F6	No historical data for Organic Carbon.				
Chemical Oxygen Demand (mg/L)		F6	F6	F6	No historical data for Chemical Oxygen Demand.				
Chloride (mg/L)		F6	F6	F6	No historical data for Chloride.				
Turbidity (field) (NTU)	F6	F6	F6	H2	No historical data for Turbidity (field).				
Tannin & Lignins (Tannic Acid) (mg/L)		F6	F6	F6	No historical data for Tannin & Lignins (Tannic Acid).				

underlined/bold - values exceed a regulatory standard listed below.

↑ Indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken

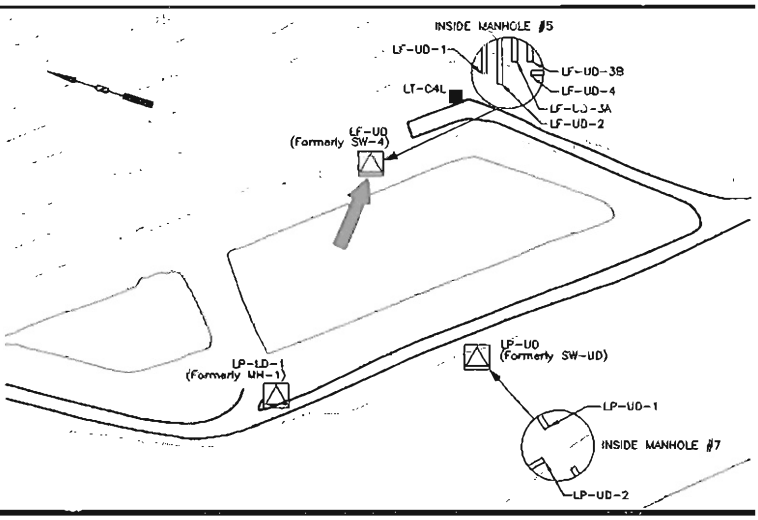
LF-UD-4

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LF-UD-4 monitors the landfill underdrain from cell 4 at manhole #5.



Sampled: **Monthly & 3 Times Annually**

Sampled Since: **March 2009**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Specific Conductance (µmhos/cm @25°C)	473	373	464	459	366	to	562	470	±	57	3
pH (Standard Units)	7.8	↓ 7.1	7.4	7.3	7.2	to	8.3	7.6	±	0.37	3
Alkalinity (CaCO3) (field) (mg/L)	↑ 170	↑ 165	↑ 215	↑ 125	110	to	120	120	±	2.9	3
Arsenic (mg/L)		F6	F6	F6	0.002	to	0.002	0.002	±	0	1
Cadmium (mg/L)		F6	F6	F6	0.0002 U	to	0.0002 U	0.0002	±	0	1
Calcium (mg/L)		F6	F6	F6	51.9	to	51.9	52	±	0	1
Copper (mg/L)		F6	F6	F6	0.001 U	to	0.001 U	0.001	±	0	1
Iron (mg/L)		F6	F6	F6	0.02 U	to	0.02 U	0.02	±	0	1
Magnesium (mg/L)		F6	F6	F6	11.8	to	11.8	12	±	0	1
Manganese (mg/L)		F6	F6	F6	0.02 U	to	0.02 U	0.02	±	0	1
Nickel (mg/L)		F6	F6	F6	0.002 U	to	0.002 U	0.002	±	0	1
Potassium (mg/L)		F6	F6	F6	4.9	to	4.9	4.9	±	0	1
Sodium (mg/L)		F6	F6	F6	10.2	to	10.2	10	±	0	1
Ammonia (N) (mg/L)		F6	F6	F6	0.1 U	to	0.1 U	0.1	±	0	1
Nitrate (N) (mg/L)		F6	F6	F6	0.6	to	0.6	0.6	±	0	1
Phosphate Phosphorus (mg/L)		F6	F6	F6	0.01 U	to	0.01 U	0.01	±	0	1
Total Dissolved Solids (mg/L)		F6	F6	F6	206	to	206	210	±	0	1
Total Suspended Solids (mg/L)		F6	F6	F6	5	to	5	5	±	0	1
Sulfate (mg/L)		F6	F6	F6	14.8	to	14.8	15	±	0	1
Bicarbonate (CaCO3) (mg/L)		F6	F6	F6	136	to	136	140	±	0	1
Organic Carbon (mg/L)		F6	F6	F6	5.1	to	5.1	5.1	±	0	1
Chemical Oxygen Demand (mg/L)		F6	F6	F6	6	to	6	6	±	0	1
Chloride (mg/L)		F6	F6	F6	9	to	9	9	±	0	1
Turbidity (field) (NTU)	↑ 2.6	1.1	↑ 9.1	0.2	0	to	1.1	0.63	±	0.33	3
Tannin & Lignins (Tannic Acid) (mg/L)		F6	F6	F6	0.2 U	to	0.2 U	0.2	±	0	1

underlined/bold - values exceed a regulatory standard listed below.

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

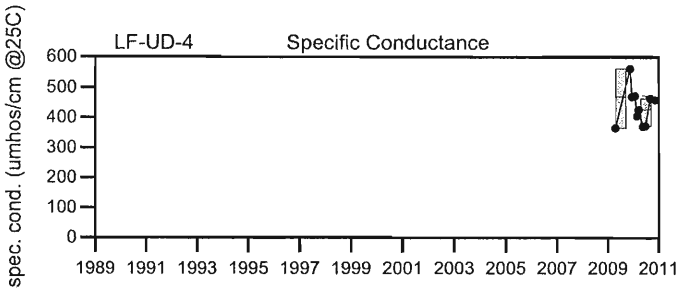
Comments

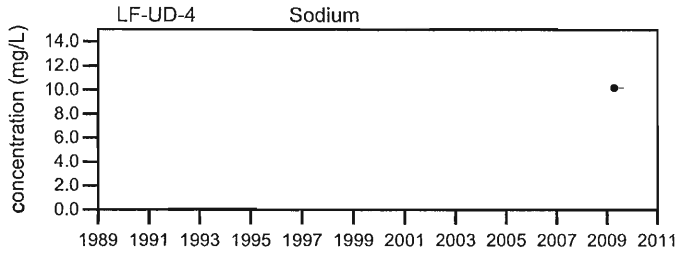
Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

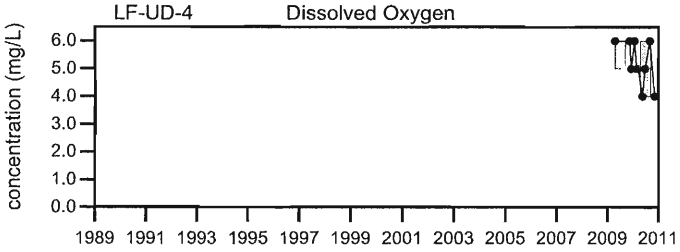
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken

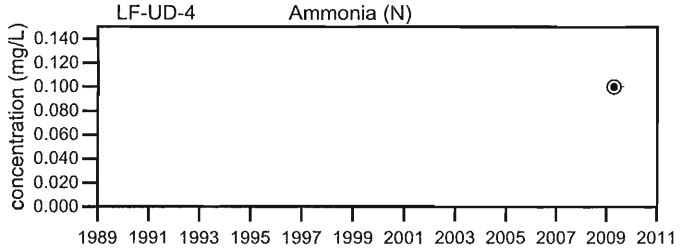
Data Group: 166
Printed: 2/8/2011 13:57

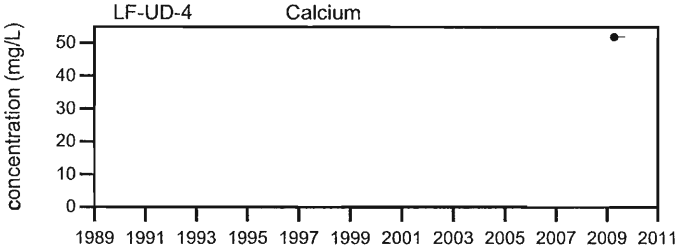
SME
Sevee & Maher Engineers, Inc

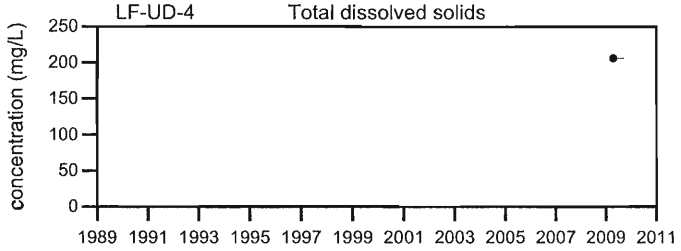


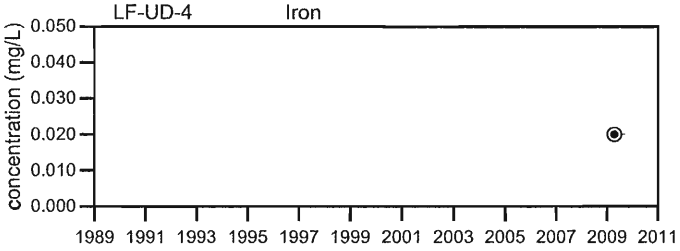


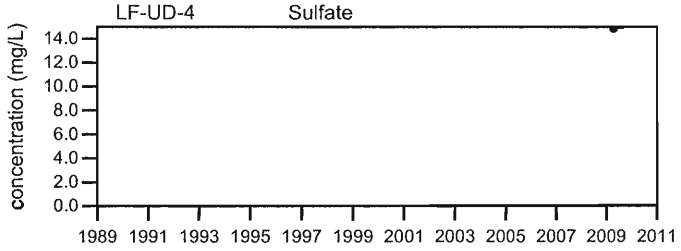


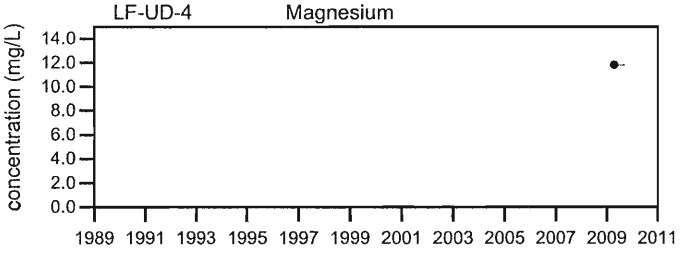


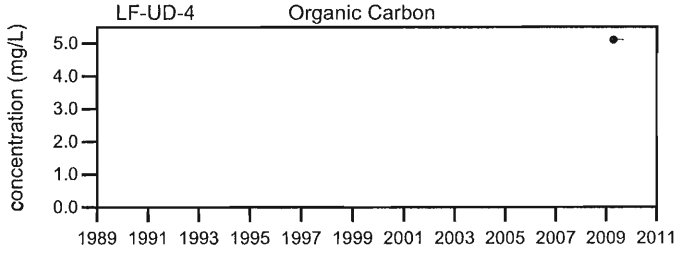


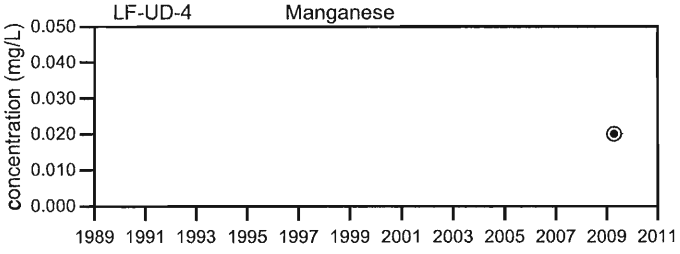


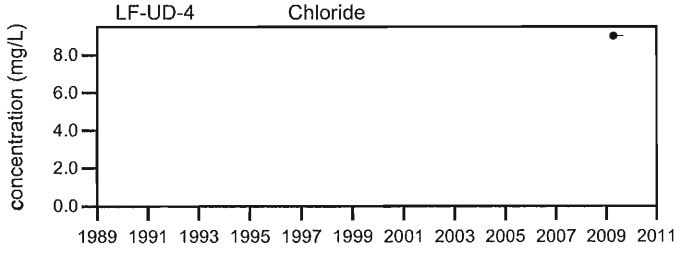












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

LF-UD-4

Sevee & Maher Engineers, Inc.

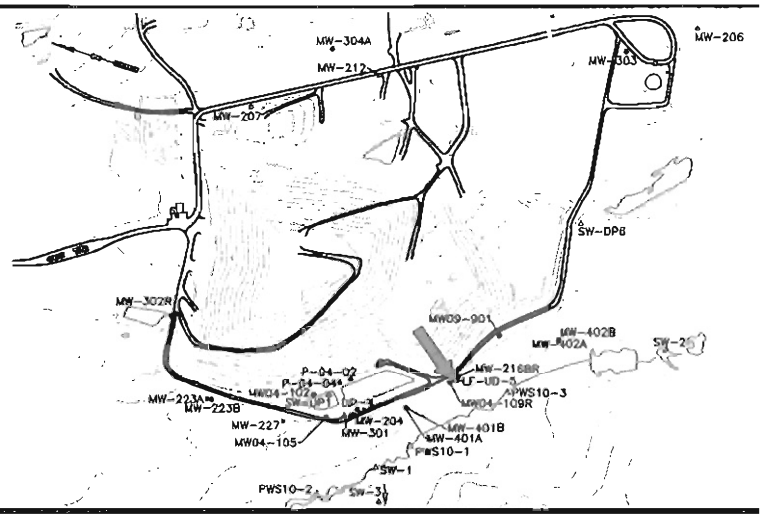
LF-UD-5

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LF-UD-5 monitors the landfill underdrain from cell 5. This underdrain pipe is located south of MW-216BR.



Sampled: **Monthly & 3 Times Annually**

Sampled Since: **December 2009**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	Historical SE	Historical n
Specific Conductance (µmhos/cm @25°C)	↓ 350	↓ 355	↑ 470	↑ 652	395	395	400	± 0	1
pH (Standard Units)	↓ 7.9	↓ 7.7	↓ 7.8	↓ 8.1	8.3	8.3	8.3	± 0	1
Alkalinity (CaCO3) (field) (mg/L)	↑ 135	↑ 140	↑ 245	↑ 165	125	125	130	± 0	1
Arsenic (mg/L)		0.004 J	0.007	0.007	No historical data for Arsenic.				
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	No historical data for Cadmium.				
Calcium (mg/L)		46	58.1	58.1	No historical data for Calcium.				
Copper (mg/L)		0.001 U	0.001 U	0.001 U	No historical data for Copper.				
Iron (mg/L)		0.02 U	0.05	0.42	No historical data for Iron.				
Magnesium (mg/L)		9.6	11.7	11.6	No historical data for Magnesium.				
Manganese (mg/L)		0.02 U	0.02 U	0.05	No historical data for Manganese.				
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	No historical data for Nickel.				
Potassium (mg/L)		3.9	4.9	4.8	No historical data for Potassium.				
Sodium (mg/L)		6	7.1	8.1	No historical data for Sodium.				
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	No historical data for Ammonia (N).				
Nitrate (N) (mg/L)		0.7	1.1	0.2 J	No historical data for Nitrate (N).				
Phosphate Phosphorus (mg/L)		0.01 J	0.03 J	0.06	No historical data for Phosphate Phosphorus.				
Total Dissolved Solids (mg/L)		197	272	277	No historical data for Total Dissolved Solids.				
Total Suspended Solids (mg/L)		4 U	7	42	No historical data for Total Suspended Solids.				
Sulfate (mg/L)		16.1	22	19.6	No historical data for Sulfate.				
Bicarbonate (CaCO3) (mg/L)		153	180	184	No historical data for Bicarbonate (CaCO3).				
Organic Carbon (mg/L)		1.4 J	2.5	1.6 J	No historical data for Organic Carbon.				
Chemical Oxygen Demand (mg/L)		3 J	5 J	3 J	No historical data for Chemical Oxygen Demand.				
Chloride (mg/L)		3.3	6.2	3.6	No historical data for Chloride.				
Turbidity (field) (NTU)	↑ 0.9	↑ 6.5	↑ 8.1	↑ 9	0.1	0.1	0.1	± 0	1
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	No historical data for Tannin & Lignins (Tannic Acid).				

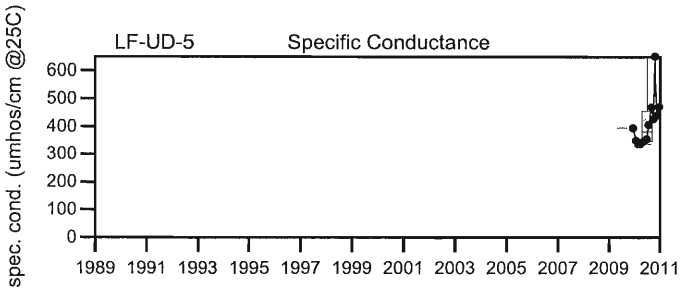
underlined/bold - values exceed a regulatory standard listed below.

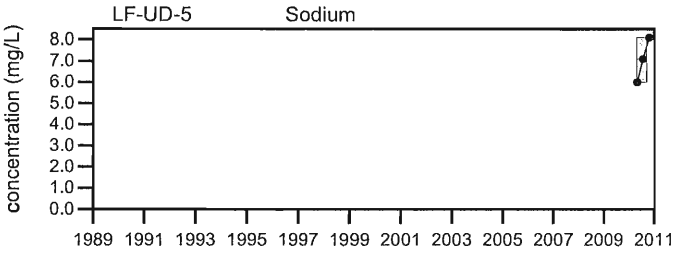
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

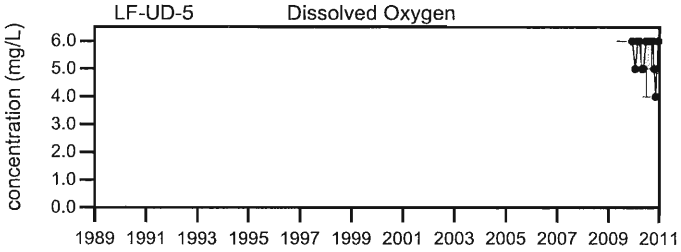
Comments

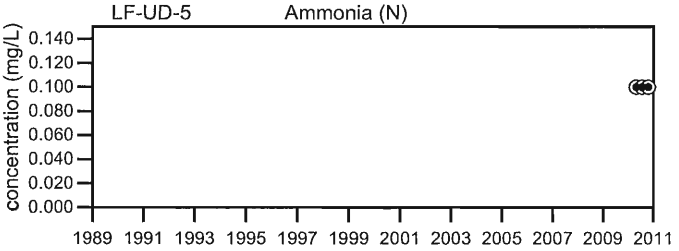
Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

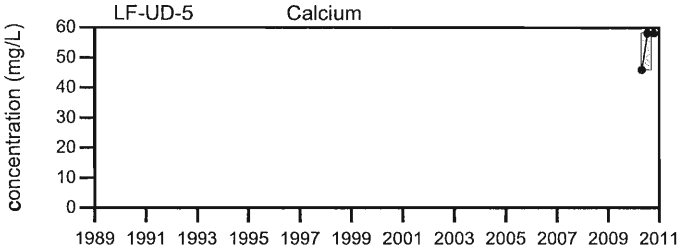
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken

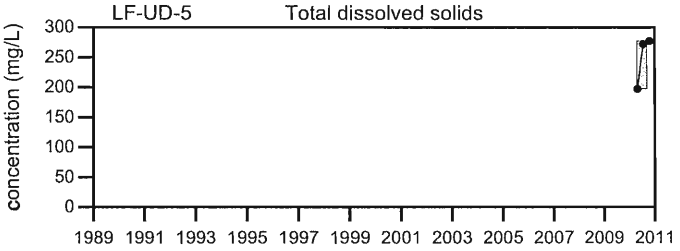


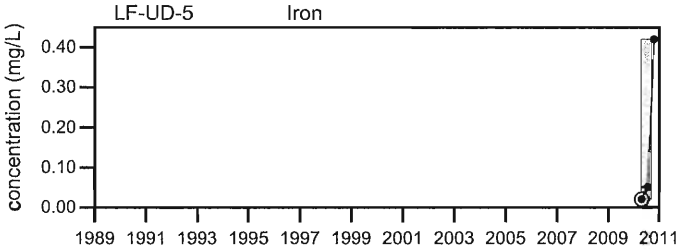


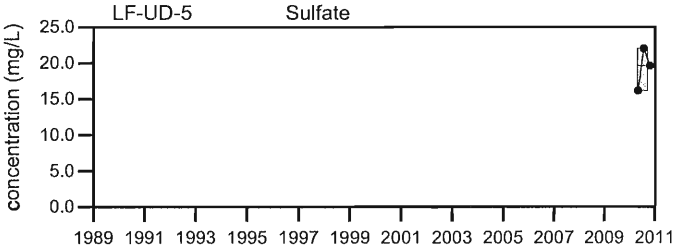


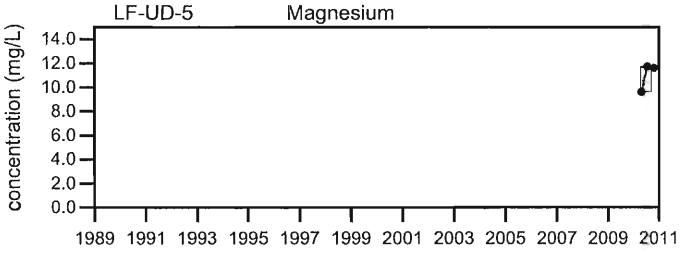


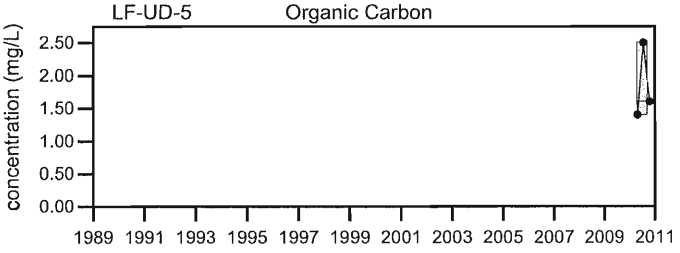


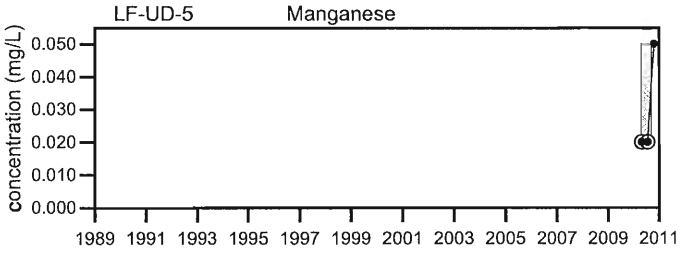


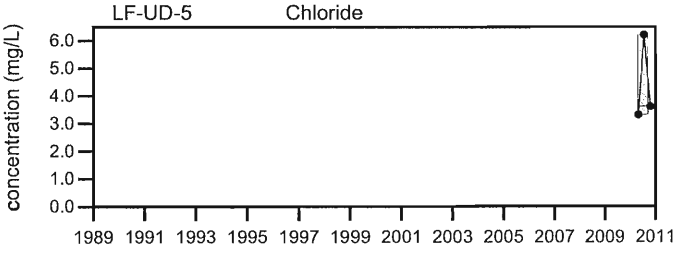












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

LF-UD-5

Sevee & Maher Engineers, Inc.

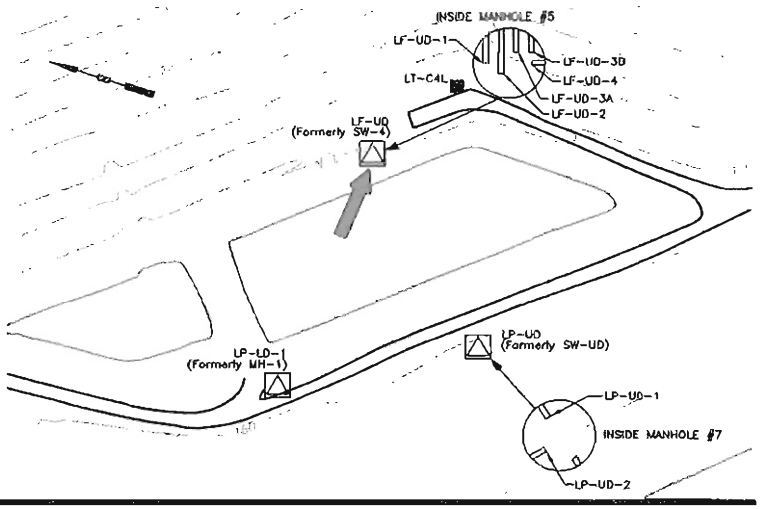
LF-COMP

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

Manhole #5



Sampled:

Sampled Since:

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	Historical SE	Historical n
Specific Conductance (µmhos/cm @25°C)				↑ 729	185	to 589	380	± 60	6
pH (Standard Units)				6.8	6.8	to 7.9	7.4	± 0.19	6
Alkalinity (CaCO3) (field) (mg/L)				155	100	to 205	150	± 21	5
Turbidity (field) (NTU)				0	0	to 10.4	3.6	± 2	6

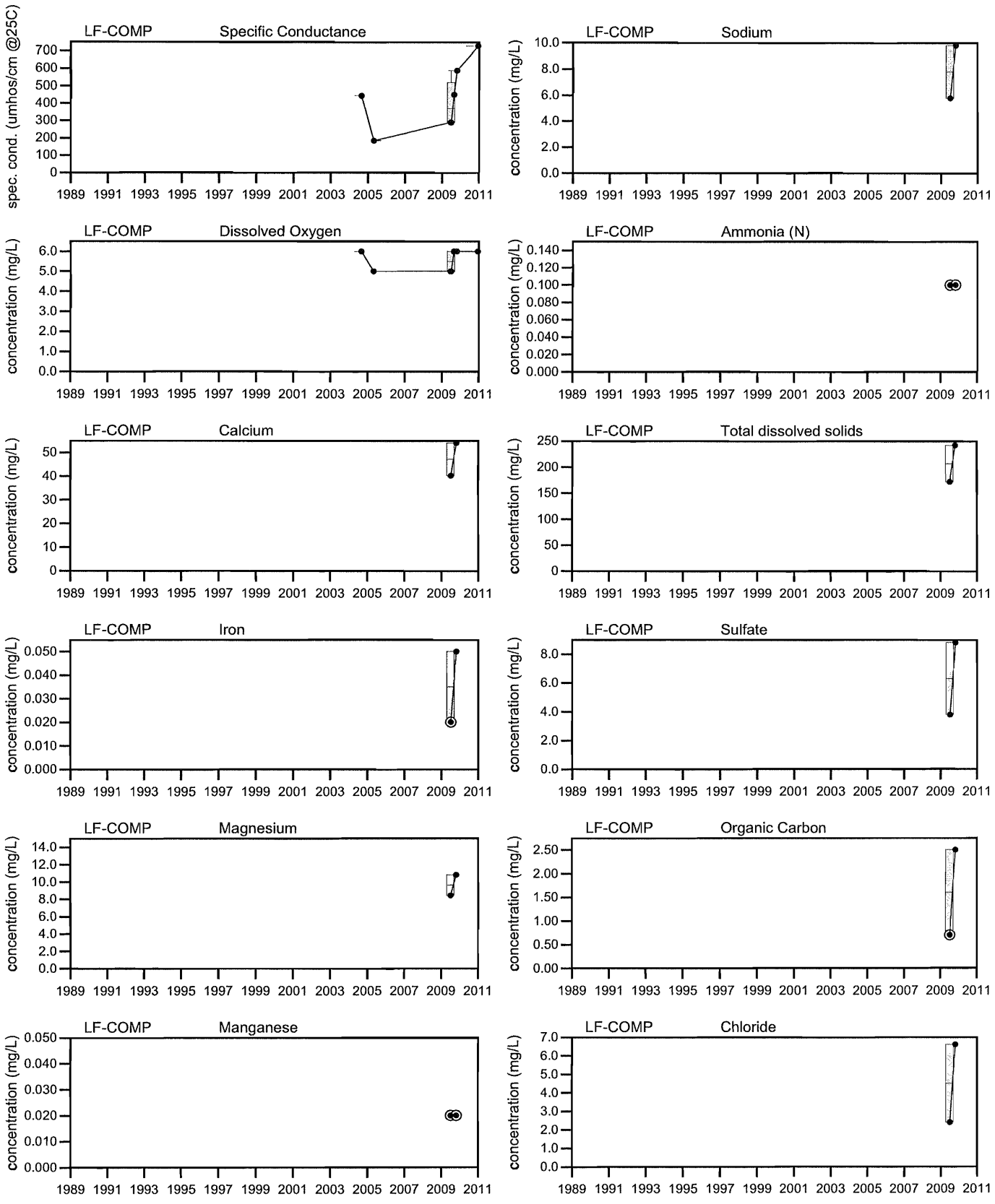
underlined/bold - values exceed a regulatory standard listed below.

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

This location is monitored monthly for field parameters only When the water level is higher than the LF sample location pipes in manhole #5.

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

LF-COMP

Sevee & Maher Engineers, Inc.

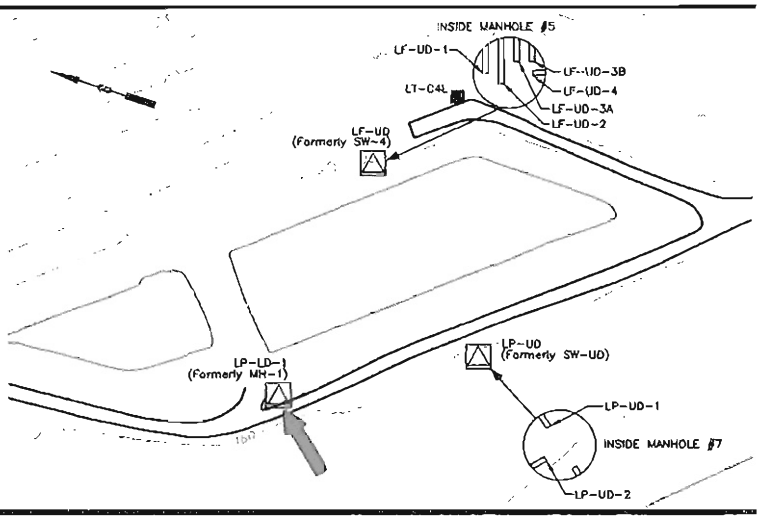
LP-LD-1

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LP-LD-1 is located at manhole #1 and monitors the leak detection layer beneath the leachate pond.



Sampled: **Monthly**

Sampled Since: **07/28/04**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Specific Conductance (µmhos/cm @25°C)	337	343	406	536	56	to	944	390	±	29	63
pH (Standard Units)	7.5	6.4	6.6	6.9	5.8	to	8.6	7.3	±	0.07	63
Alkalinity (CaCO3) (field) (mg/L)	95	100	210	110	25	to	425	130	±	12	63
Turbidity (field) (NTU)	2.3	0.5	2.4	0.3	0	to	25	3.2	±	0.55	63

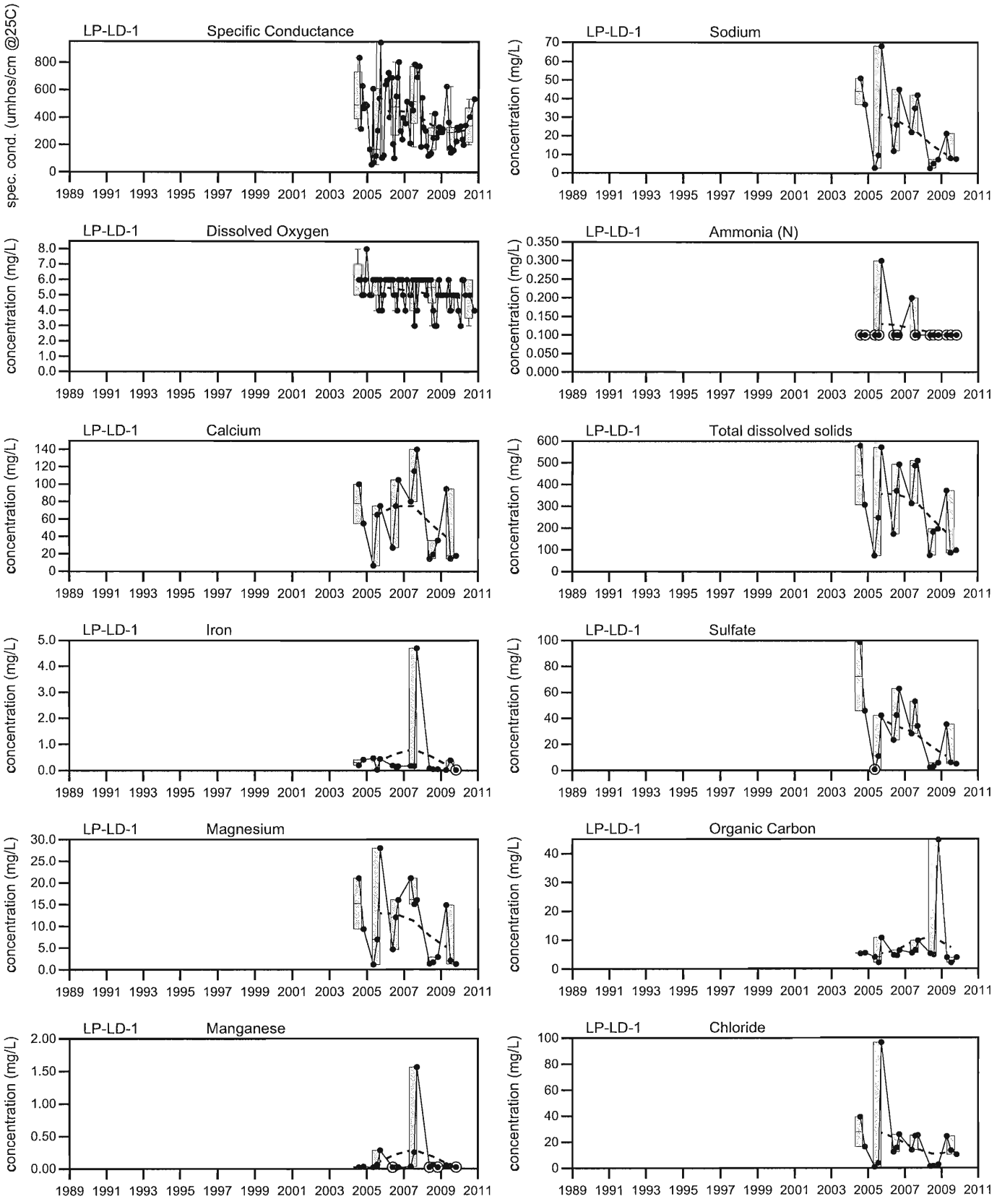
underlined/bold - values exceed a regulatory standard listed below.

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

LP-LD-1

Sevee & Maher Engineers, Inc.

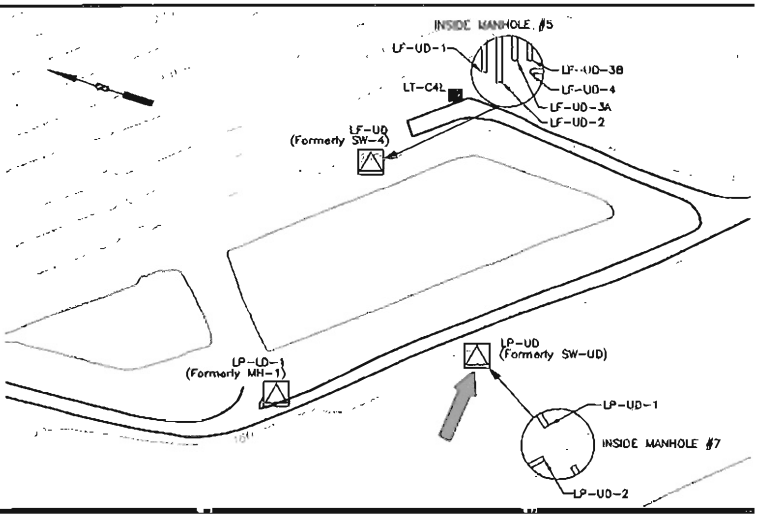
LP-UD-1

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LP-UD-1 is located at manhole #7 and monitors the leachate underdrain from the southern end of the leachate pond.



Sampled: **3 Times Annually**

Sampled Since: **07/28/04**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Specific Conductance (µmhos/cm @25°C)	F6	F6	F6	F6	517	to	517	520	±	0	1
pH (Standard Units)	F6	F6	F6	F6	6.8	to	6.8	6.8	±	0	1
Alkalinity (CaCO3) (field) (mg/L)	F6	F6	F6	F6	125	to	125	130	±	0	1
Arsenic (mg/L)		F6	F6	F6	No historical data for Arsenic.						
Cadmium (mg/L)		F6	F6	F6	No historical data for Cadmium.						
Calcium (mg/L)		F6	F6	F6	No historical data for Calcium.						
Copper (mg/L)		F6	F6	F6	No historical data for Copper.						
Iron (mg/L)		F6	F6	F6	No historical data for Iron.						
Magnesium (mg/L)		F6	F6	F6	No historical data for Magnesium.						
Manganese (mg/L)		F6	F6	F6	No historical data for Manganese.						
Nickel (mg/L)		F6	F6	F6	No historical data for Nickel.						
Potassium (mg/L)		F6	F6	F6	No historical data for Potasslum.						
Sodium (mg/L)		F6	F6	F6	No historical data for Sodium.						
Ammonia (N) (mg/L)		F6	F6	F6	No historical data for Ammonia (N).						
Nitrate (N) (mg/L)		F6	F6	F6	No historical data for Nitrate (N).						
Phosphate Phosphorus (mg/L)		F6	F6	F6	No historical data for Phosphate Phosphorus.						
Total Dissolved Solids (mg/L)		F6	F6	F6	No historical data for Total Dissolved Solids.						
Total Suspended Solids (mg/L)		F6	F6	F6	No historical data for Total Suspended Solids.						
Sulfate (mg/L)		F6	F6	F6	No historical data for Sulfate.						
Bicarbonate (CaCO3) (mg/L)		F6	F6	F6	No historical data for Bicarbonate (CaCO3).						
Organic Carbon (mg/L)		F6	F6	F6	No historical data for Organic Carbon.						
Chemical Oxygen Demand (mg/L)		F6	F6	F6	No historical data for Chemical Oxygen Demand.						
Chloride (mg/L)		F6	F6	F6	No historical data for Chloride.						
Turbidity (field) (NTU)	F6	F6	F6	F6	0	to	0	0	±	0	1
Tannin & Lignins (Tannic Acid) (mg/L)		F6	F6	F6	No historical data for Tannin & Lignins (Tannic Acid).						

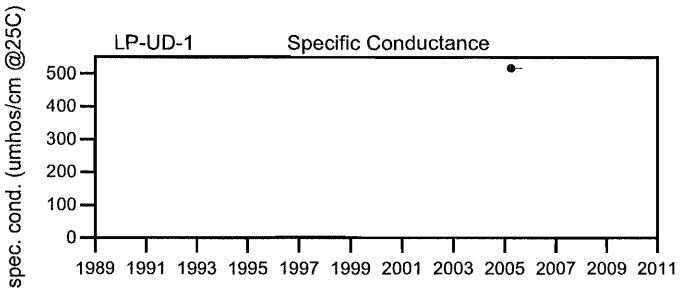
underlined/bold - values exceed a regulatory standard listed below.

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

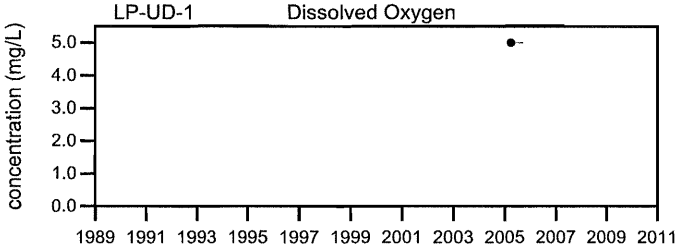
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken



No data for Sodium at LP-UD-1



No data for Ammonia (N) at LP-UD-1

No data for Calcium at LP-UD-1

No data for Total dissolved solids at LP-UD-1

No data for Iron at LP-UD-1

No data for Sulfate at LP-UD-1

No data for Magnesium at LP-UD-1

No data for Organic Carbon at LP-UD-1

No data for Manganese at LP-UD-1

No data for Chloride at LP-UD-1

LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

LP-UD-1

Sevee & Maher Engineers, Inc.

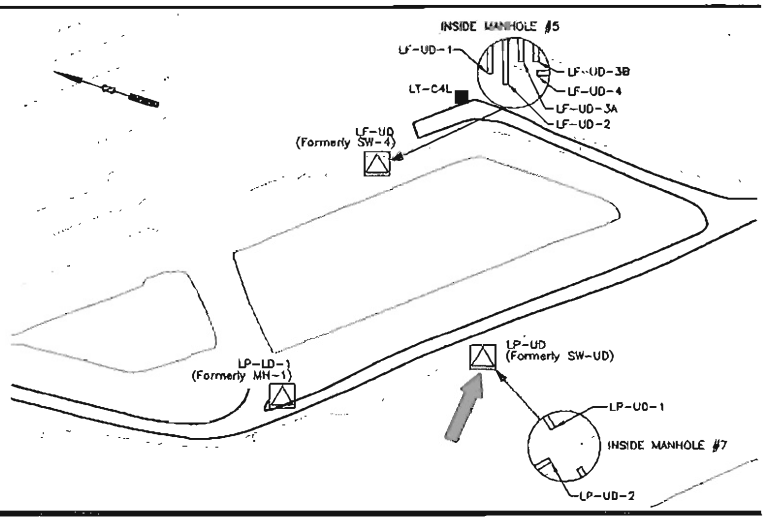
LP-UD-2

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

LP-UD-2 is located in manhole #7 and monitors the water quality of the leachate underdrain on the north end of the leachate pond.



Sampled: **3 Times Annually**

Sampled Since: **07/28/04**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean		Historical SE	Historical n
Specific Conductance (µmhos/cm @25°C)	370	379	355	480	210	to	834	370	±	14	59
pH (Standard Units)	7.5	7.3	7.2	7.7	5.9	to	7.8	7	±	0.05	59
Alkalinity (CaCO3) (field) (mg/L)	150	80	165	125	50	to	290	140	±	6.2	58
Arsenic (mg/L)		0.004 J	↑ 0.011	0.005	0.001 U	to	0.006	0.0026	±	0.000	17
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0016	0.00041	±	0.000	15
Calcium (mg/L)		37.8	37	34.5	28.8	to	60	38	±	2.1	17
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.01	0.0027	±	0.000	15
Iron (mg/L)		0.05	0.06	0.02 U	0.02 U	to	0.13	0.039	±	0.007	17
Magnesium (mg/L)		10.9	10.3	9.5	7.7	to	21	11	±	0.77	17
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to	0.05	0.022	±	0.002	17
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.007	0.0025	±	0.000	15
Potassium (mg/L)		2.3	2.5	2.3	2.3	to	25	5.3	±	1.3	17
Sodium (mg/L)		8.5	8.9	8.7	7	to	58	17	±	2.9	17
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	±	0	17
Nitrate (N) (mg/L)		0.2 J	0.2 J	0.1 J	0.1	to	2.3	0.49	±	0.12	17
Phosphate Phosphorus (mg/L)		0.01 J	0.01 J	0.01 J	0.01 U	to	0.07	0.015	±	0.004	17
Total Dissolved Solids (mg/L)		187	206	197	151	to	455	220	±	17	17
Total Suspended Solids (mg/L)		4	4 U	4 U	4 U	to	4	4	±	0	17
Sulfate (mg/L)		9.7	9.2	8	2.7	to	116	24	±	6.5	17
Bicarbonate (CaCO3) (mg/L)		129	137	125	90	to	228	140	±	7.5	17
Organic Carbon (mg/L)		1.3 J	↓ 0.7 U	↓ 0.7 U	1	to	6.3	2.3	±	0.31	17
Chemical Oxygen Demand (mg/L)		3 J	3 J	3 U	3 U	to	14	5.1	±	0.79	17
Chloride (mg/L)		12.5	8.6	7.2	2.3	to	31.1	11	±	1.5	17
Turbidity (field) (NTU)	0.9	0.2	5.9	0.1	0	to	60	2.5	±	1	59
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.29	0.21	±	0.005	17

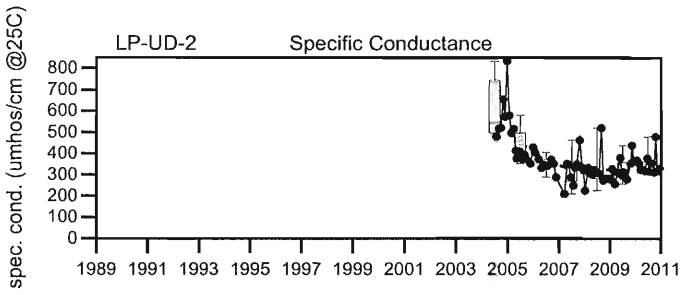
underlined/bold - values exceed a regulatory standard listed below.

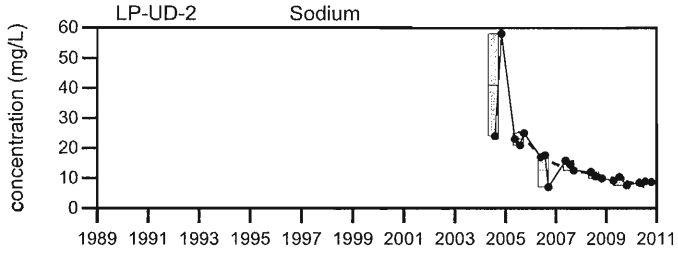
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

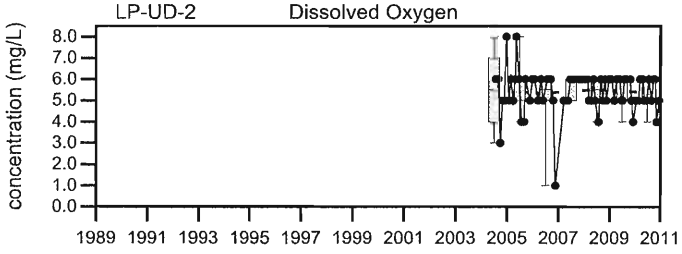
Comments

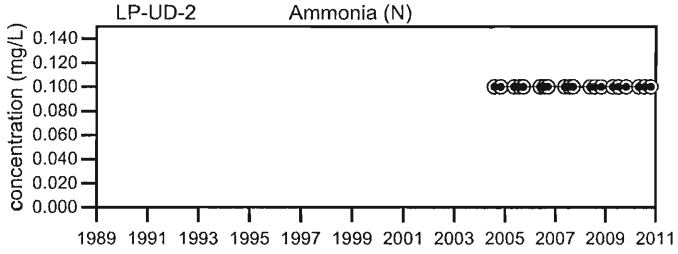
Q2= APRIL Q3= JULY Q4= OCTOBER
This location is monitored Triannually for field and Lab parameters

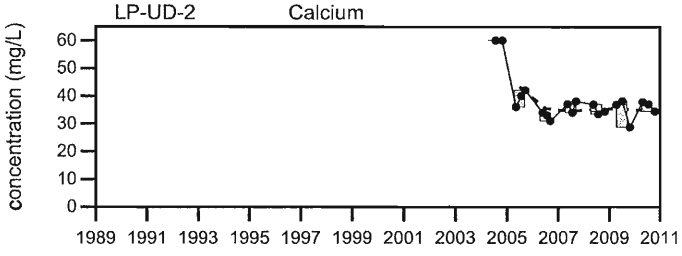
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water level higher than pipes. See LF-COMP for readings. F6= No flow.Sample not taken

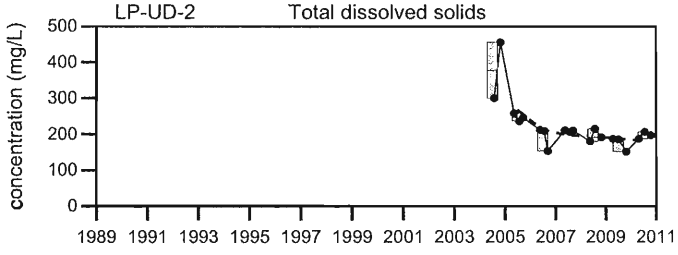


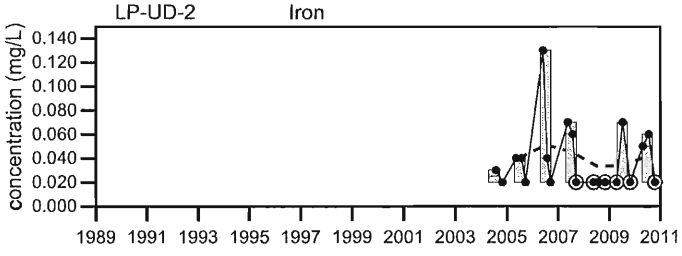


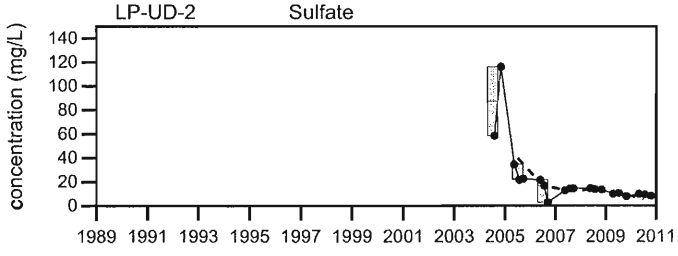


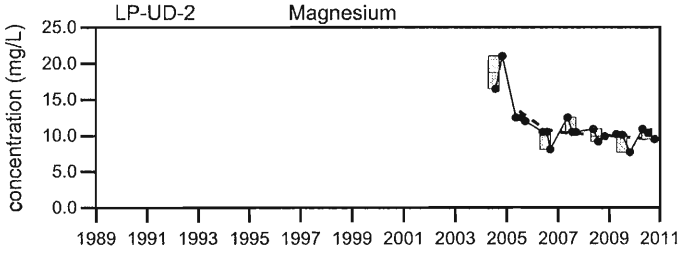


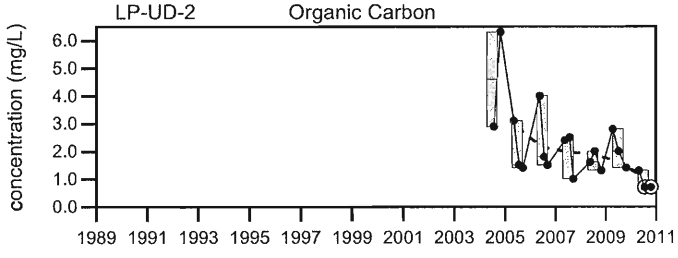


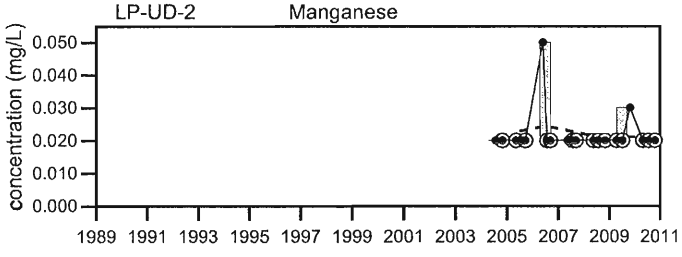


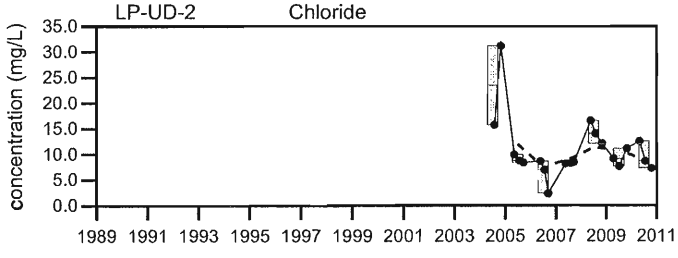












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

LP-UD-2

Sevee & Maher Engineers, Inc.

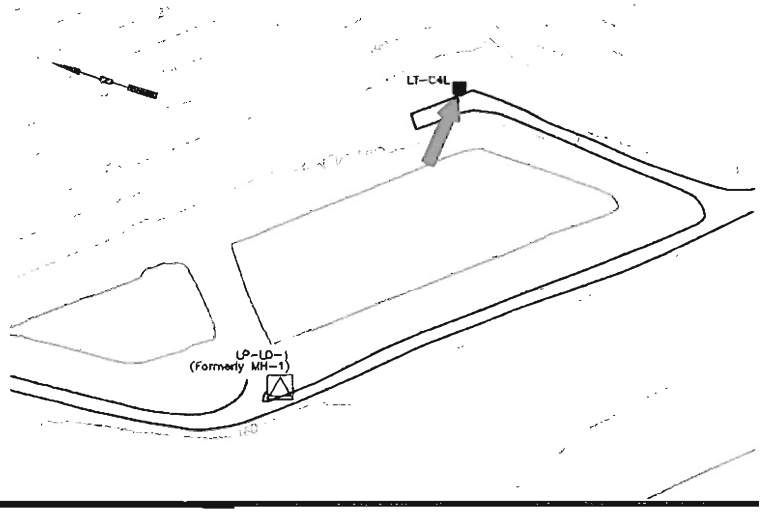
LT-C4L

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

New leachate location at cell 4



Sampled: **3 Times Annually**

Sampled Since: **April 2009**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean		SE	n
Specific Conductance (µmhos/cm @25°C)		23200	23400	28300	20000	to	29800	25000	±	2800	3
pH (Standard Units)		7.3	↓6.9	7.1	7.1	to	7.6	7.3	±	0.15	3
Alkalinity (CaCO3) (field) (mg/L)		1813	D3	1313	No historical data for Alkalinity (CaCO3) (field).						
Arsenic (mg/L)		0.107	0.099	↑0.113	0.075	to	0.112	0.093	±	0.01	3
Cadmium (mg/L)		0.001	↓0.0009	0.004	0.001 U	to	0.006	0.0028	±	0.002	3
Calcium (mg/L)		↓565	↓520	↓658	687	to	1759	1300	±	310	3
Copper (mg/L)		↓0.004	↓0.007	0.01 J	0.009	to	0.036	0.022	±	0.008	3
Iron (mg/L)		↓20.9	↓11.9	↓16.8	26.3	to	43.3	37	±	5.6	3
Magnesium (mg/L)		↓351	↓378	415	386	to	514	450	±	37	3
Manganese (mg/L)		↓2.18	↓2.08	↓1.8	2.77	to	8.5	5.4	±	1.7	3
Nickel (mg/L)		0.106	0.101	↓0.078	0.091	to	0.153	0.12	±	0.02	3
Potassium (mg/L)		↑1982	1659	1779	1619	to	1801	1700	±	57	3
Sodium (mg/L)		2448	↓2130	2265	2212	to	2612	2400	±	120	3
Total Kjeldahl Nitrogen (mg/L)		↑910	↑880	790	630	to	810	730	±	52	3
Ammonia (N) (mg/L)		697	↑714	666	318	to	708	550	±	120	3
Nitrate (N) (mg/L)		20 U	20 U	↓5.6 J	10 U	to	30 U	20	±	5.8	3
Phosphate Phosphorus (mg/L)			↑1.2	↓0.76	0.88	to	1.1	0.99	±	0.11	2
Total Dissolved Solids (mg/L)		15180	15250	16940	14060	to	19816	18000	±	1900	3
Total Suspended Solids (mg/L)		59	↓38	↓44	52	to	230	140	±	51	3
Sulfate (mg/L)		120 U	120 U	↓63	120 U	to	342	200	±	70	3
Bicarbonate (CaCO3) (mg/L)		3210	↑3360	↓2700	2750	to	3290	3000	±	170	3
Organic Carbon (mg/L)		↓474	↓366	↓307	475	to	1970	1400	±	460	3
Biochemical Oxygen Demand (mg/L)		1000 U	↓139	↓152	677	to	4050	2400	±	970	3
Chemical Oxygen Demand (mg/L)		↓2429	↓2108	↓2340	2822	to	6640	4700	±	1100	3
Chloride (mg/L)		18000	19900	18700	10100	to	21500	16000	±	3300	3
Turbidity (field) (NTU)		↓170	D3	↓20	230	to	1100	580	±	270	3
Tannin & Lignins (Tannic Acid) (mg/L)			53	52	44	to	97	71	±	27	2

underlined/bold - values exceed a regulatory standard listed below.

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

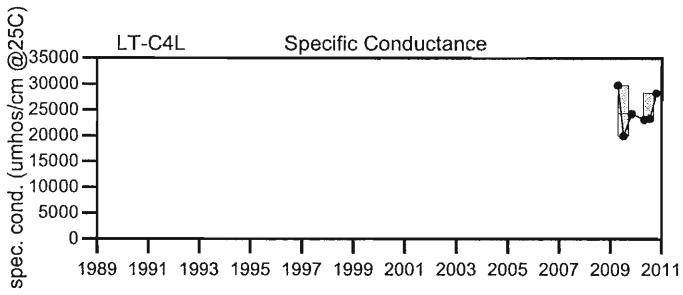
Q2= APRIL Q3= JULY Q4= OCTOBER

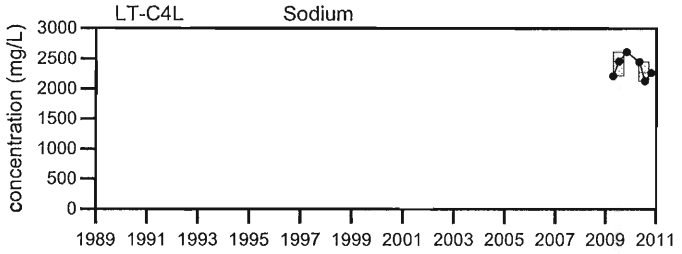
D3 - Sample to dark to take reading.

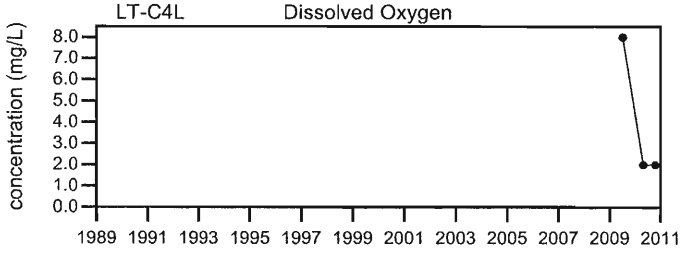
Data Group: 166

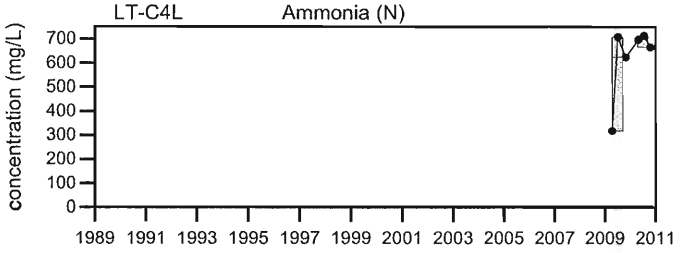
Printed: 2/8/2011 13:57

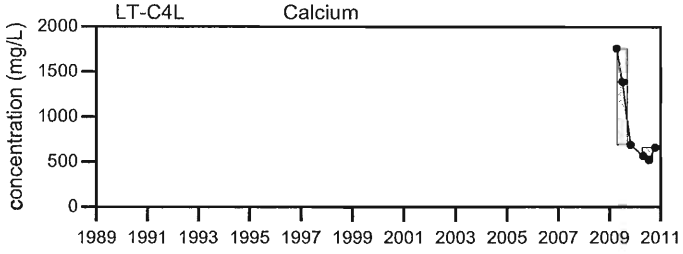
SME Stone & Webster Engineers Inc.

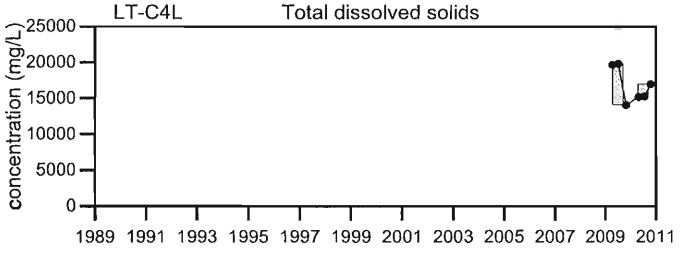


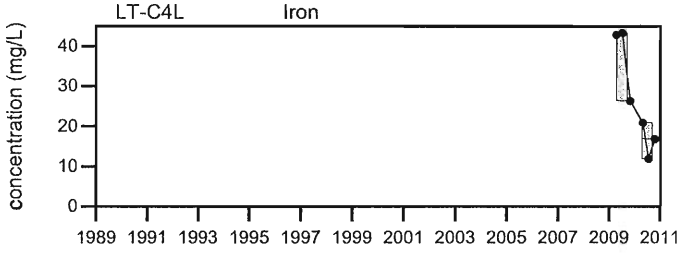


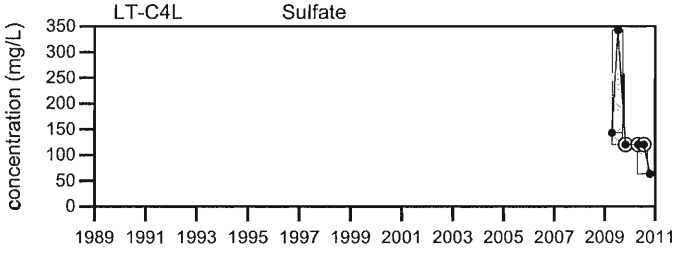


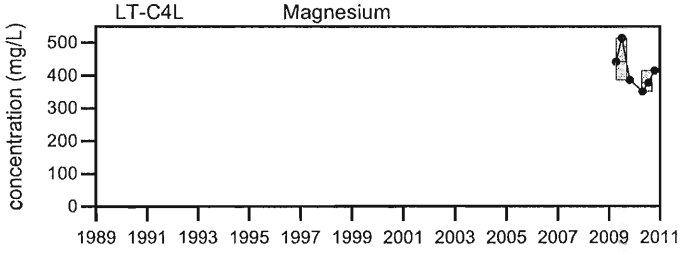


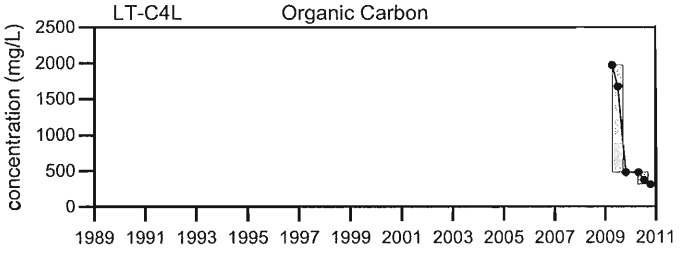


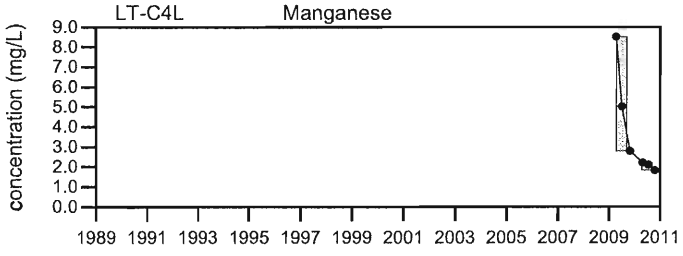


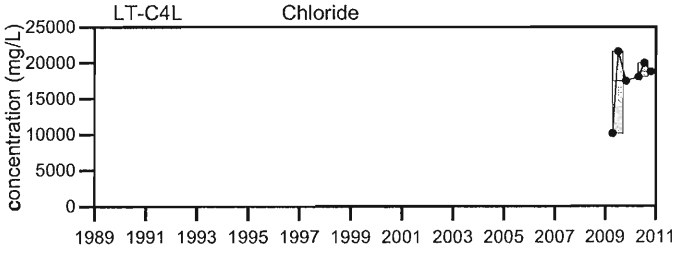












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

LT-C4L

Sevee & Maher Engineers, Inc.

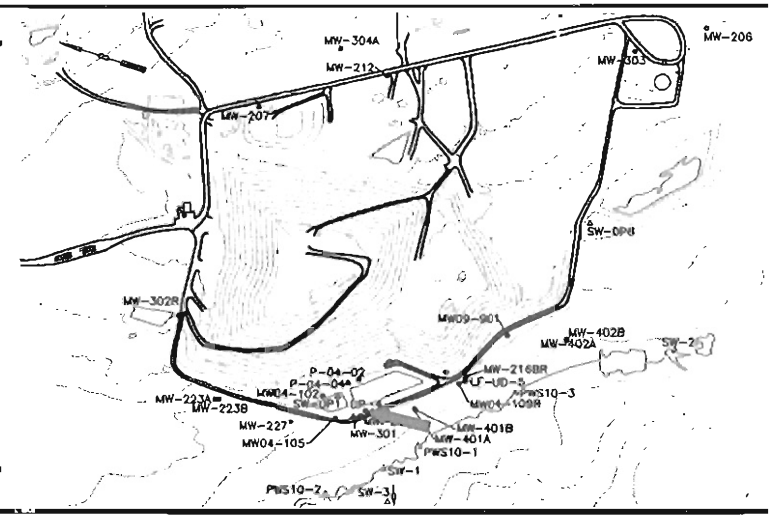
DP-4

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

DP-4 is located downgradient of the leachate pond and monitors groundwater quality within the overburden.



Screen Interval: **18.5 ft. to 24.5 ft.**

Sampled: **3 Times Annually**

Sampled Since: **01/30/04**

Material Screened: **Overburden**

Well Condition: **Good**

Sampling Method: **Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Max	Mean	SE	n
Water Level Elevation (Feet)		154.57	153.96	154.39	152.18	to 156.12	150	± 0.2	19
Specific Conductance (µmhos/cm @25°C)		271	↓ 100	396	264	to 965	400	± 36	19
pH (Standard Units)		6.3	↓ 5.6	6.3	6.2	to 7.3	6.6	± 0.07	19
Alkalinity (CaCO3) (field) (mg/L)		100	125	↓ 50	70	to 290	150	± 15	18
Arsenic (mg/L)		0.008	↑ **0.016**	0.009	0.001 U	to 0.015	0.0035	± 0.000	19
Cadmium (mg/L)		0.0002 J	0.0002 U	0.0002 U	0.0002 U	to 0.0012	0.00047	± 9E-05	15
Calcium (mg/L)		28	31.9	30.9	19	to 105	41	± 4	19
Copper (mg/L)		0.001 U	0.001 U	0.001 J	0.001 U	to 0.007	0.0033	± 0.000	15
Iron (mg/L)		0.69	0.61	↓ 0.34	0.5	to 5.1	1.2	± 0.24	19
Magnesium (mg/L)		7.2	8.7	7.2	5.2	to 24	11	± 1.1	19
Manganese (mg/L)		**1.79**	**1.38**	**1.4**	0.77	to 4.5	1.9	± 0.21	19
Nickel (mg/L)		0.002 U	0.002 U	0.002 J	0.002 U	to 0.007	0.004	± 0.000	15
Potassium (mg/L)		1.2	1.3	1.5	1	to 4.5	1.8	± 0.19	19
Sodium (mg/L)		7.9	8.9	9	7.3	to 74	23	± 4.8	19
Total Kjeldahl Nitrogen (mg/L)		0.31	0.34	0.3 U	0.26	to 110	7.7	± 6.1	18
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.1	0.1	± 0	19
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.2	0.13	± 0.01	19
Total Dissolved Solids (mg/L)		↓ 185	↓ 170	↓ 165	189	to 575	270	± 21	19
Total Suspended Solids (mg/L)		↑ 1490	37	33	4 U	to 1084	210	± 60	19
Sulfate (mg/L)		11.6	12.1	10.7	5.7	to 113	19	± 5.9	19
Bicarbonate (CaCO3) (mg/L)		104	109	105	94	to 301	160	± 12	19
Organic Carbon (mg/L)		↓ 1.8 J	↓ 1.3 J	↓ 1.3 J	2	to 8.1	3.5	± 0.38	19
Chemical Oxygen Demand (mg/L)		3 U	3 U	6 J	3 U	to 18	7.7	± 1.2	19
Chloride (mg/L)		14.9	14.7	7.2	5.5	to 72.9	23	± 4.6	19
Turbidity (field) (NTU)		3.3	8.1	2.6	0.7	to 36.2	12	± 2.2	19
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to 1.1	0.32	± 0.05	18

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

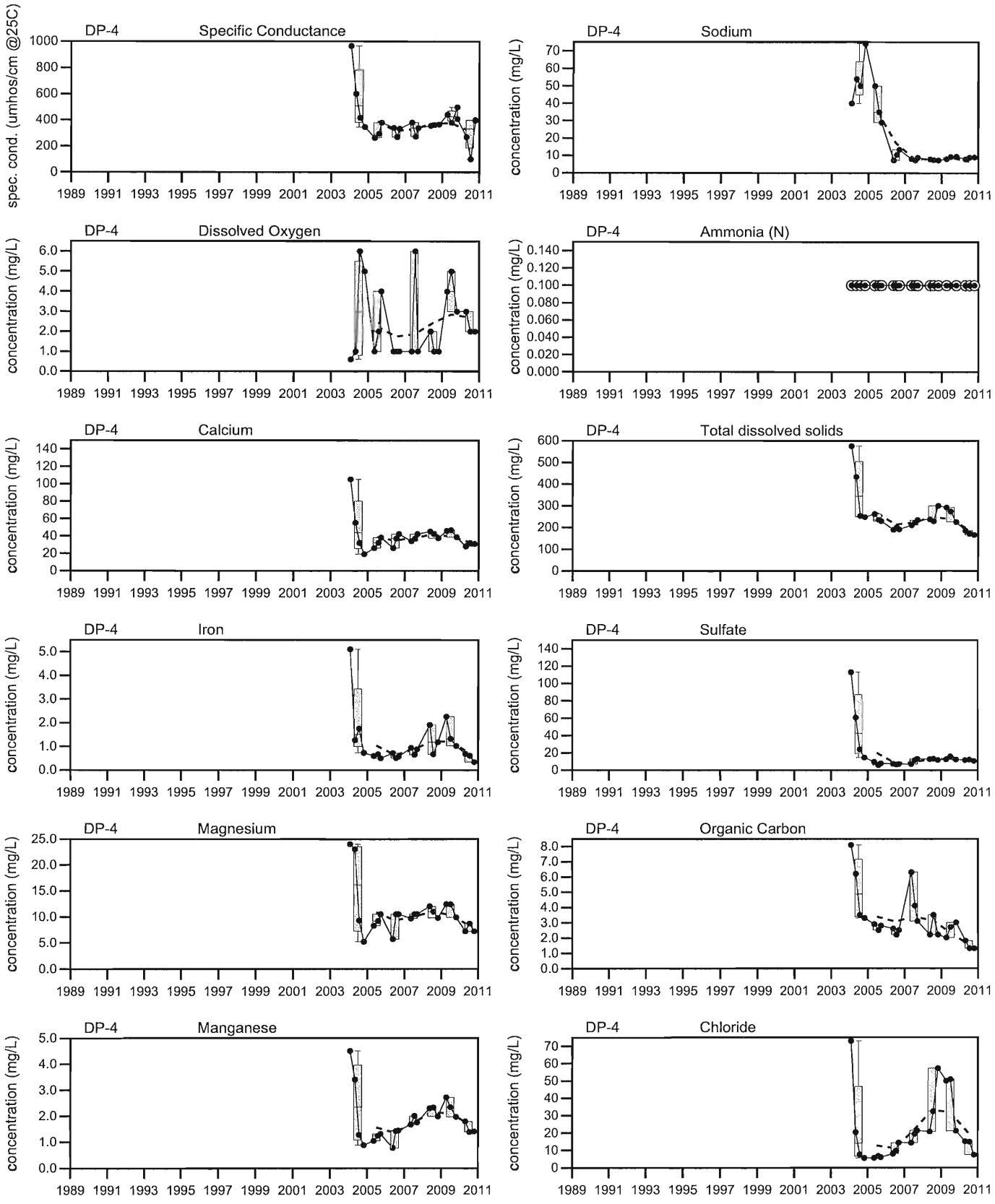
Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed H2= water above pipe invert

Data Group: 166

Printed: 2/8/2011 13:57

SME Sewer & Water Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

DP-4

Sevee & Maher Engineers, Inc.

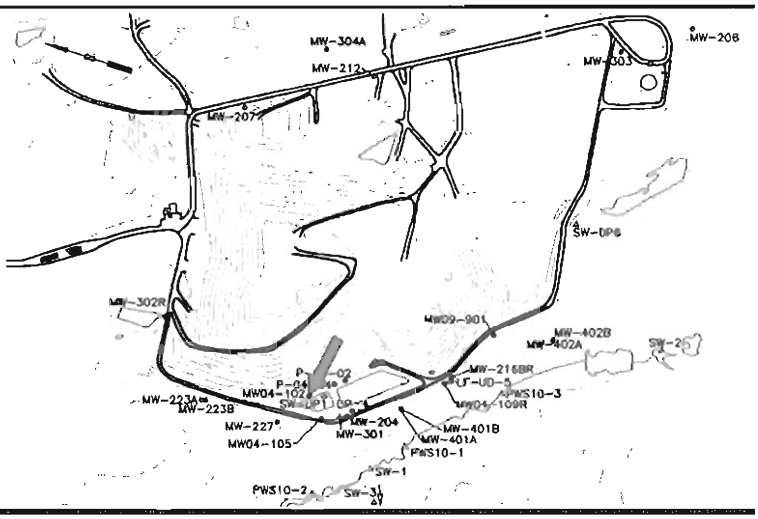
MW04-102

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW04-102 monitors groundwater in the overburden downgradient of the landfill and upgradient of Stormwater Detention Pond-1.



Screen Interval:	**10 ft. to 15 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**01/18/2005**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Water Level Elevation (Feet)		164.25	↓ 162.64	164.37	162.8	to	165.42	160	±	0.17	16
Specific Conductance (µmhos/cm @25°C)		234	245	232	193	to	248	220	±	4.2	16
pH (Standard Units)		7.8	7.6	7.9	7.1	to	8.2	7.8	±	0.08	16
Alkalinity (CaCO3) (field) (mg/L)		60	135	75	40	to	170	100	±	8.5	16
Arsenic (mg/L)		0.004 J	↑ 0.006	0.003 J	0.001 U	to	0.005	0.0023	±	0.000	16
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.001	0.00041	±	8E-05	16
Calcium (mg/L)		27.1	26.1	27.1	24	to	29	26	±	0.39	16
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.004	0.0021	±	0.000	16
Iron (mg/L)		0.02 J	0.02 U	0.02 U	0.02 U	to	0.13	0.048	±	0.009	16
Magnesium (mg/L)		7	6.8	7	6.4	to	8	7	±	0.11	16
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to	0.09	0.029	±	0.006	16
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.012	0.0031	±	0.000	16
Potassium (mg/L)		1.6	1.7	1.8	1.2	to	3.2	2	±	0.13	16
Sodium (mg/L)		6.9	6.6	7.3	6.4	to	11	8.4	±	0.33	16
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.3 U	to	1.3	0.49	±	0.08	16
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	±	3E-10	16
Nitrate (N) (mg/L)		0.1 U	↑ 0.3	0.2 J	0.1 U	to	0.2	0.14	±	0.01	16
Total Dissolved Solids (mg/L)		141	134	139	116	to	148	130	±	2.5	16
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	5	4.1	±	0.06	16
Sulfate (mg/L)		10.2	8.5	8.1	7.3	to	14	9.5	±	0.49	16
Bicarbonate (CaCO3) (mg/L)		104	100	102	73	to	109	99	±	2	16
Organic Carbon (mg/L)		1.2 J	0.7 U	0.7 U	0.5	to	5.3	1.9	±	0.32	16
Chemical Oxygen Demand (mg/L)		3 U	4 J	3 U	3 U	to	9	3.7	±	0.42	16
Chloride (mg/L)		2.7	1.3	↓ 1	1.3	to	3.5	2.1	±	0.15	16
Turbidity (field) (NTU)		0.8	↑ 2	0	0	to	1.5	0.48	±	0.14	16
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.25	0.2	±	0.004	12

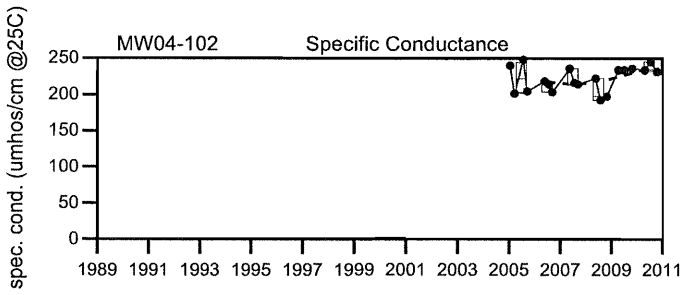
underlined/bold - values exceed a regulatory standard listed below.

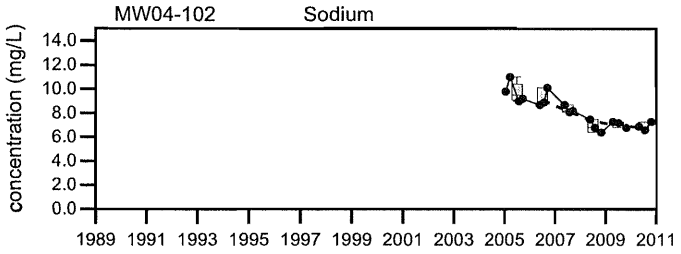
Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

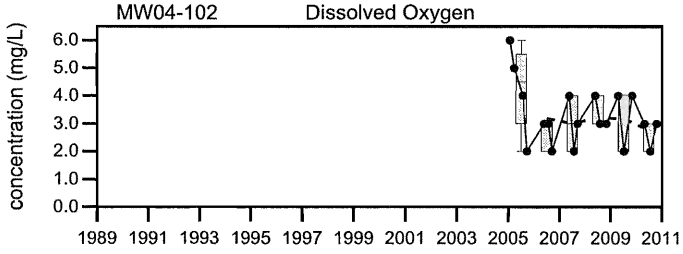
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

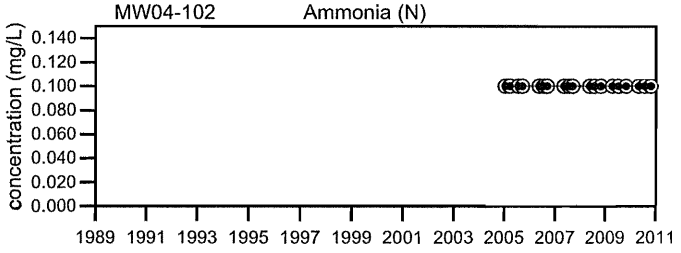
Comments

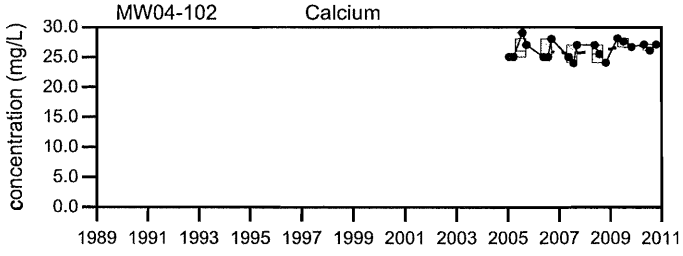
Q2= APRIL Q3= JULY Q4= OCTOBER

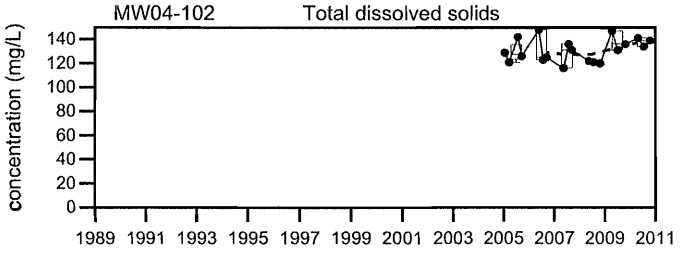


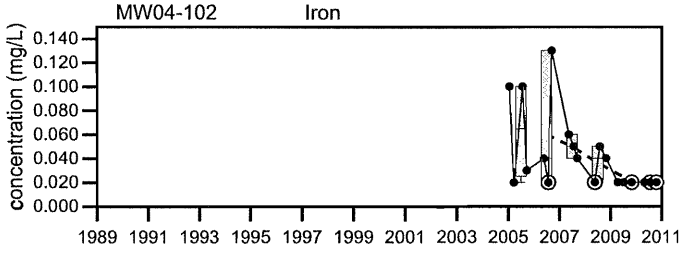


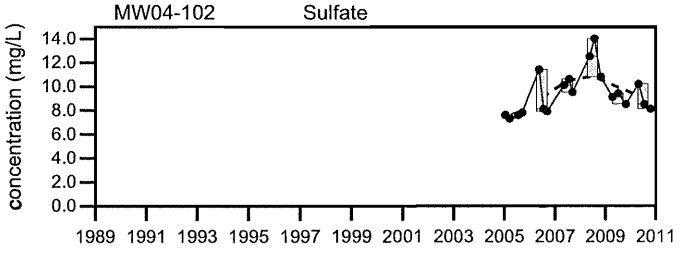


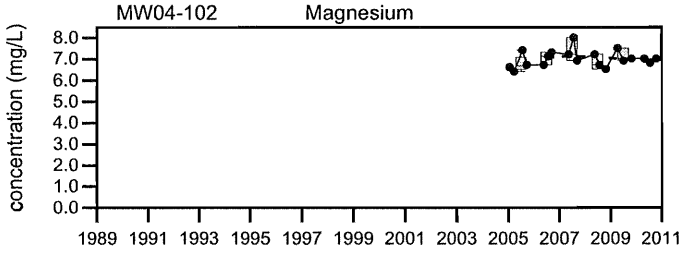


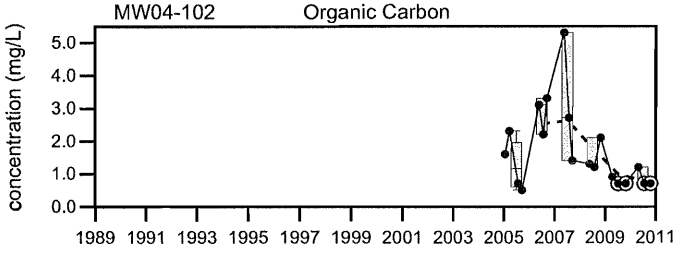


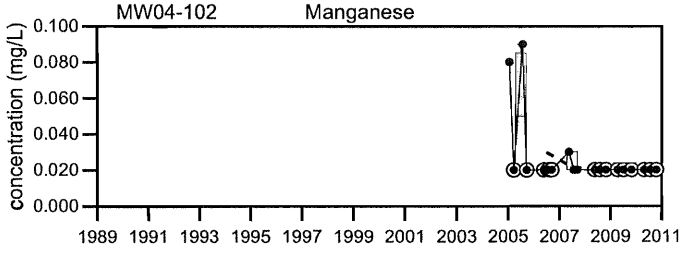


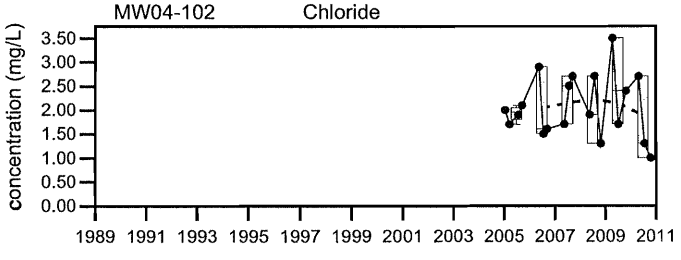












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW04-102

Sevee & Maher Engineers, Inc.

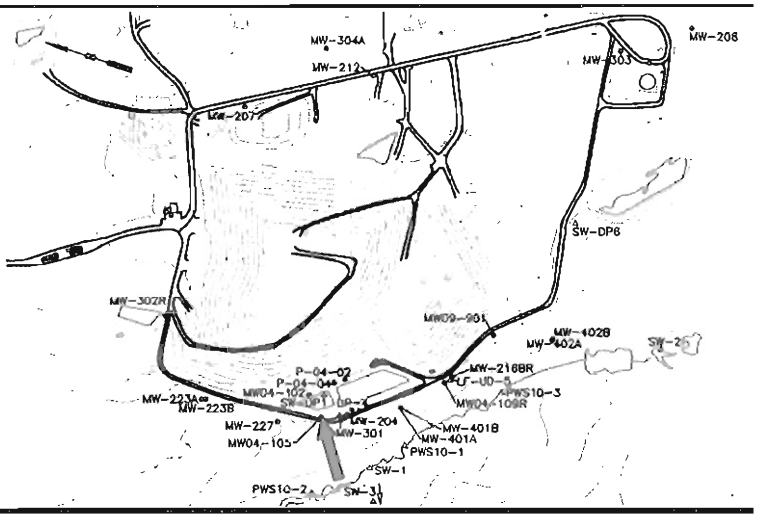
MW04-105

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW04-105 monitors groundwater in the overburden downgradient of the landfill and Stormwater Detention Pond-1.



Screen Interval: **14.8 ft. to 19.8 ft.**

Sampled: **3 Times Annually**

Sampled Since: **01/17/2005**

Material Screened: **Overburden**

Well Condition: **Good**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Water Level Elevation (Feet)		158.27	158.09	158.69	157.11	to	159.79	160	±	0.19	16
Specific Conductance (µmhos/cm @25°C)		304	348	306	274	to	703	440	±	26	16
pH (Standard Units)		6.7	6.5	7.2	6.1	to	7.6	6.8	±	0.1	16
Alkalinity (CaCO3) (field) (mg/L)		↓ 70	150	105	85	to	240	170	±	11	16
Arsenic (mg/L)		0.005	**0.013**	**0.013**	0.001 U	to	0.014	0.0029	±	0.000	16
Cadmium (mg/L)		0.0003 J	0.0002 U	0.0002 U	0.0002 U	to	0.0021	0.00045	±	0.000	16
Calcium (mg/L)		↓ 30.1	↓ 31.2	32.8	31.4	to	75	49	±	3.5	16
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.005	0.0024	±	0.000	16
Iron (mg/L)		0.02 U	0.02 U	0.02 J	0.02 U	to	0.11	0.055	±	0.006	16
Magnesium (mg/L)		↓ 9.9	10.6	11.6	10.3	to	30	17	±	1.4	16
Manganese (mg/L)		0.02 U	0.02 U	0.08	0.02 U	to	0.98	0.2	±	0.06	16
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.004	0.0024	±	0.000	16
Potassium (mg/L)		↓ 1.3	↓ 1.3	1.4	1.4	to	2.8	1.9	±	0.08	16
Sodium (mg/L)		16.7	17.3	17.7	12	to	32	21	±	1.4	16
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.3 U	to	0.92	0.43	±	0.04	16
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1	0.1	±	3E-10	16
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.2	0.11	±	0.009	16
Total Dissolved Solids (mg/L)		185	170	177	168	to	432	280	±	20	16
Total Suspended Solids (mg/L)		↑ 5	4 U	4 U	4 U	to	4 U	4	±	0	16
Sulfate (mg/L)		7	6.4	↓ 5.2	6.2	to	115	39	±	9.3	16
Bicarbonate (CaCO3) (mg/L)		138	148	126	117	to	225	180	±	7.2	16
Organic Carbon (mg/L)		3	↓ 0.8 J	↓ 0.9 J	1.3	to	7.5	3.5	±	0.37	16
Chemical Oxygen Demand (mg/L)		3 J	3 U	3 J	3 U	to	12	6.6	±	0.78	16
Chloride (mg/L)		8.4	7	9.6	7	to	30.9	13	±	1.5	16
Turbidity (field) (NTU)		0.7	0.3	0	0	to	1.7	0.56	±	0.15	16
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.22	0.2	±	0.002	12

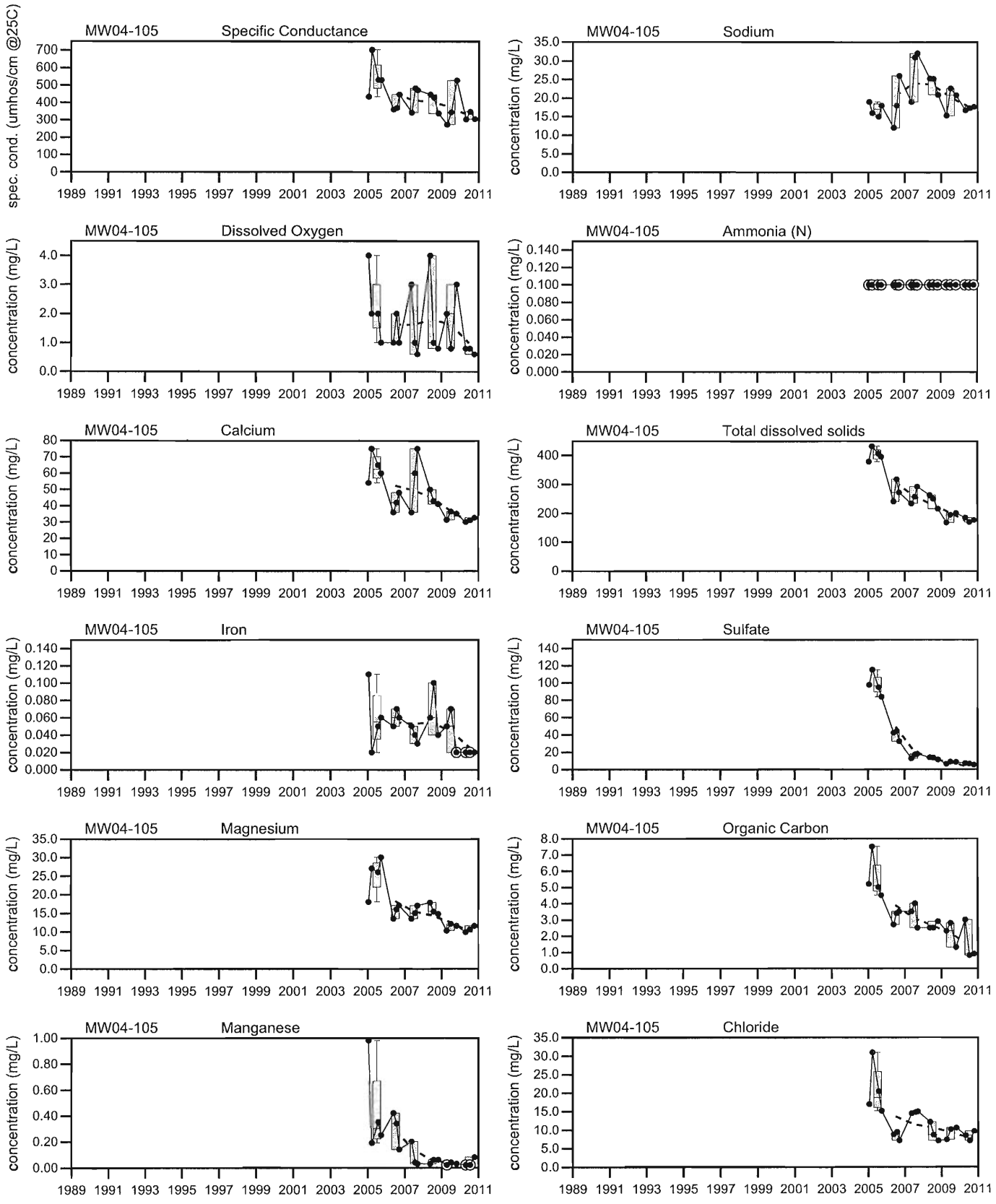
underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW04-105

Sevee & Maher Engineers, Inc.

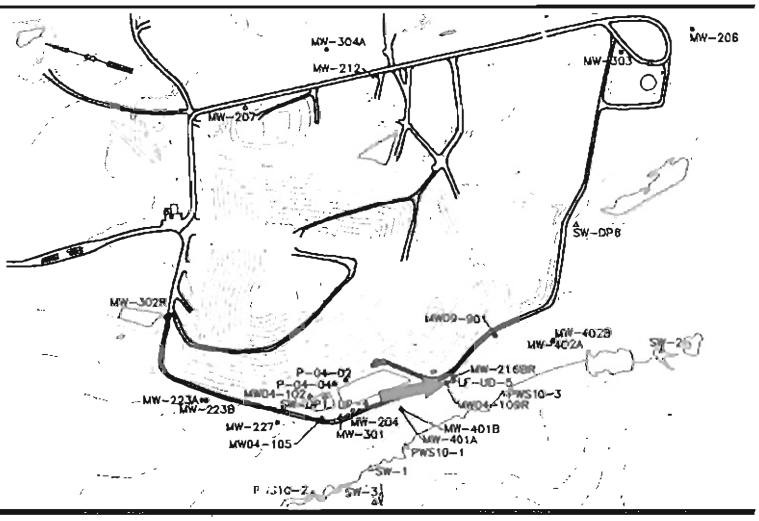
MW04-109R

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW04-109R is located to the south of Cell 5 of the expansion landfill and near manhole #5. This well monitors water quality within the overburden.



Screen Interval:	**15 ft. to 20 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**DECEMBER 2009**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean	SE	n
Water Level Elevation (Feet)		↓ 153.78	↓ 152.64	↓ 153.53	153.98	to	153.98	150	± 0	1
Specific Conductance (µmhos/cm @25°C)		↓ 402	↓ 450	↓ 489	550	to	550	550	± 0	1
pH (Standard Units)		↓ 6.7	↓ 6.5	↓ 7	7.9	to	7.9	7.9	± 0	1
Alkalinity (CaCO3) (field) (mg/L)		↓ 125	↓ 155	↓ 155	210	to	210	210	± 0	1
Arsenic (mg/L)		↓ 0.008	↓ **0.023**	↓ **0.014**	0.033	to	0.033	0.033	± 0	1
Cadmium (mg/L)		↓ 0.0002 U	↓ 0.0002 U	↓ 0.0002 U	0.0006	to	0.0006	0.0006	± 0	1
Calcium (mg/L)		↓ 54.9	↓ 64.2	↓ 69.1	77.2	to	77.2	77	± 0	1
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001	to	0.001	0.001	± 0	1
Iron (mg/L)		↓ 0.02 U	↓ 0.02 U	↓ 0.02 U	0.03	to	0.03	0.03	± 0	1
Magnesium (mg/L)		↓ 12.4	↓ 12.7	↓ 13.6	14.3	to	14.3	14	± 0	1
Manganese (mg/L)		↓ 0.03 J	↓ 0.04 J	↓ 0.04 J	0.15	to	0.15	0.15	± 0	1
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.002 U	0.002	± 0	1
Potassium (mg/L)		↓ 1.9	↓ 2.1	↓ 2.2	2.5	to	2.5	2.5	± 0	1
Sodium (mg/L)		↑ 9.1	↑ 9.5	↑ 10.3	9	to	9	9	± 0	1
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.3 U	to	0.3 U	0.3	± 0	1
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	± 0	1
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	± 0	1
Total Dissolved Solids (mg/L)		↓ 258	↓ 262	↓ 303	310	to	310	310	± 0	1
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	4 U	4	± 0	1
Sulfate (mg/L)		↓ 12	↓ 7.9	↓ 7.1	15.2	to	15.2	15	± 0	1
Bicarbonate (CaCO3) (mg/L)		↓ 185	↑ 224	↑ 233	220	to	220	220	± 0	1
Organic Carbon (mg/L)		↓ 2.2	↓ 1.3 J	↓ 1.3 J	2.9	to	2.9	2.9	± 0	1
Chemical Oxygen Demand (mg/L)		↑ 4 J	3 J	3 U	3 U	to	3 U	3	± 0	1
Chloride (mg/L)		↓ 12.3	↓ 6.6	↓ 6.3	15.9	to	15.9	16	± 0	1
Turbidity (field) (NTU)		0	↑ 0.5	0	0	to	0	0	± 0	1
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.2 U	0.2	± 0	1

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

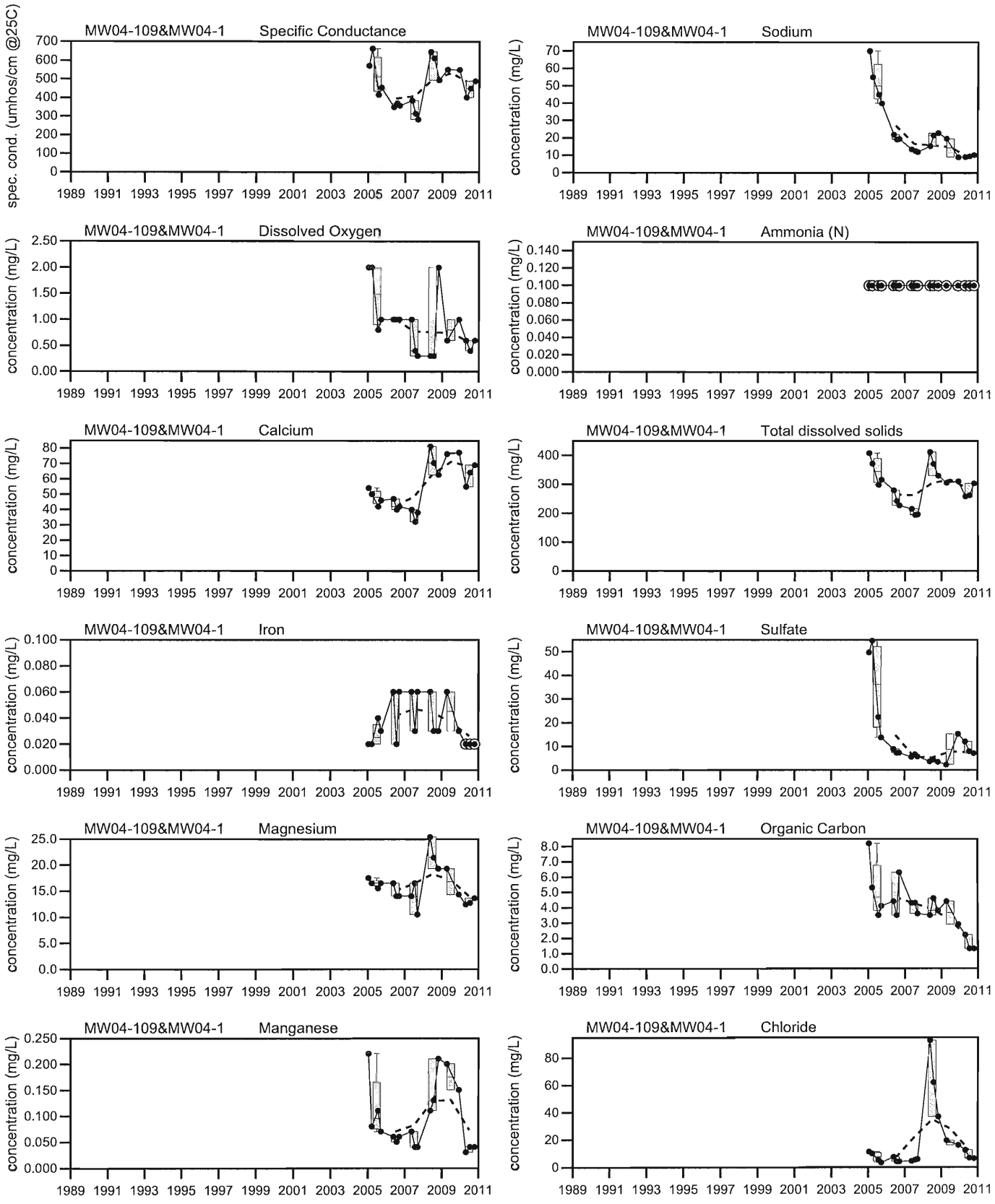
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Stone & Maher Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW04-109&MW04-109R

Sevee & Maher Engineers, Inc.

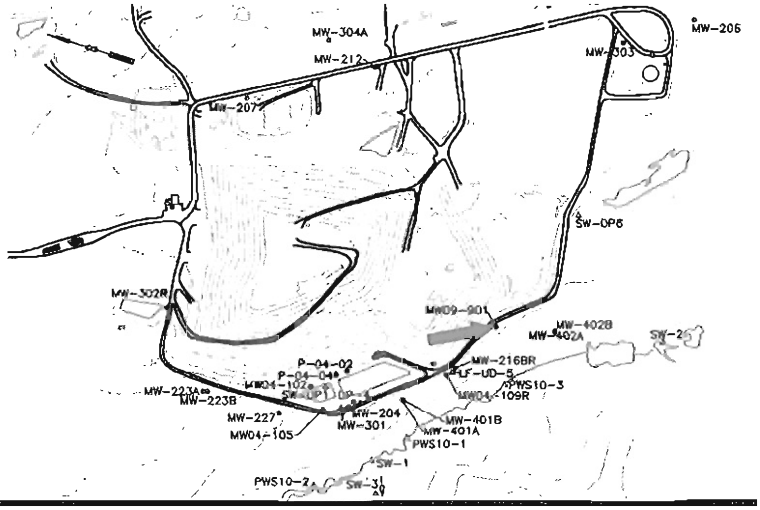
MW09-901

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW09-901 is located to the south of Cell 5 and detention pond #2 of the expansion landfill. This well monitors water quality within the overburden.



Screen Interval:	**15 ft. to 20 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**December 2009**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean	SE	n
Water Level Elevation (Feet)		↓ 156.24	↓ 154.3	↓ 155.85	157.15	to	157.15	160	± 0	1
Specific Conductance (µmhos/cm @25°C)		↓ 241	↓ 275	300	300	to	300	300	± 0	1
pH (Standard Units)		↓ 7.6	↓ 7.4	↓ 7.5	8.2	to	8.2	8.2	± 0	1
Alkalinity (CaCO3) (field) (mg/L)		↓ 60	↑ 105	↓ 80	90	to	90	90	± 0	1
Arsenic (mg/L)		↓ 0.005	↓ 0.01	↓ 0.008	0.013	to	0.013	0.013	± 0	1
Cadmium (mg/L)		↓ 0.0002 U	↓ 0.0002 U	↓ 0.0002 U	0.0003	to	0.0003	0.0003	± 0	1
Calcium (mg/L)		↓ 27.4	↓ 28.5	↓ 29.4	29.6	to	29.6	30	± 0	1
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001	to	0.001	0.001	± 0	1
Iron (mg/L)		↓ 0.03 J	↓ 0.05	↓ 0.02 U	0.18	to	0.18	0.18	± 0	1
Magnesium (mg/L)		↓ 6.9	7.1	↑ 8	7.1	to	7.1	7.1	± 0	1
Manganese (mg/L)		↓ 0.1	↓ 0.04 J	↓ 0.09	0.39	to	0.39	0.39	± 0	1
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002	to	0.002	0.002	± 0	1
Potassium (mg/L)		↓ 2.5	↓ 2.3	↓ 2.5	2.6	to	2.6	2.6	± 0	1
Sodium (mg/L)		↓ 8.2	↓ 7.7	↑ 17.4	11.9	to	11.9	12	± 0	1
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.3 U	to	0.3 U	0.3	± 0	1
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	± 0	1
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	± 0	1
Total Dissolved Solids (mg/L)		↓ 124	↓ 154	↑ 193	165	to	165	170	± 0	1
Total Suspended Solids (mg/L)		4 U	4	4 U	4	to	4	4	± 0	1
Sulfate (mg/L)		↓ 13.2	↓ 13.7	↑ 27.4	15.4	to	15.4	15	± 0	1
Bicarbonate (CaCO3) (mg/L)		↓ 101	↓ 104	↑ 110	108	to	108	110	± 0	1
Organic Carbon (mg/L)		↑ 1.9 J	↓ 0.9 J	↓ 0.7 U	1.8	to	1.8	1.8	± 0	1
Chemical Oxygen Demand (mg/L)		3 J	3 U	↑ 4 J	3 U	to	3 U	3	± 0	1
Chloride (mg/L)		↓ 4.2	↓ 2.6	↓ 2.7	5.1	to	5.1	5.1	± 0	1
Turbidity (field) (NTU)		↓ 2.1	↓ 2.7	↓ 0.3	10.1	to	10.1	10	± 0	1
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.2 U	0.2	± 0	1

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

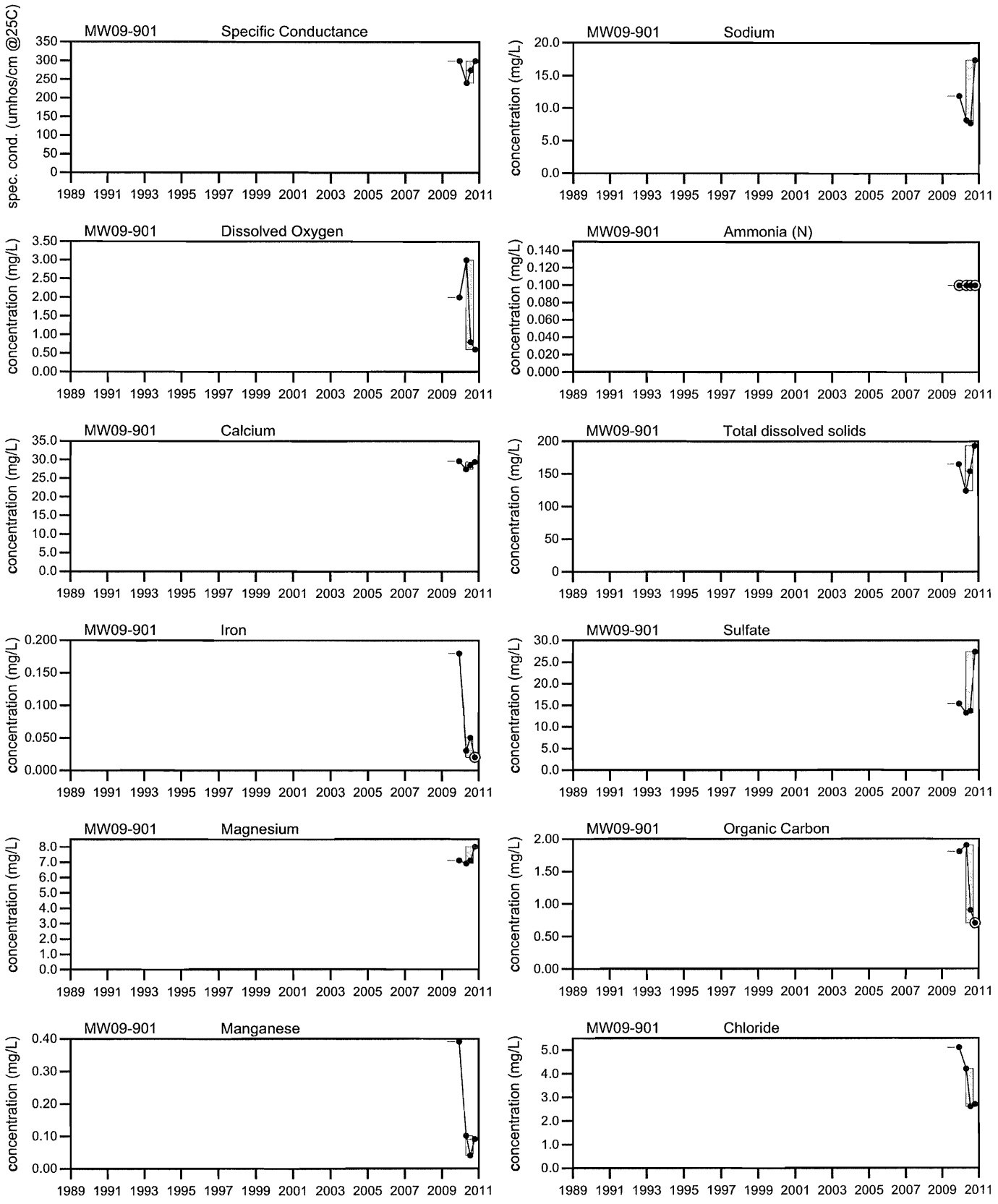
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Sewer & Water Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

MW09-901

Sevee & Maher Engineers, Inc.

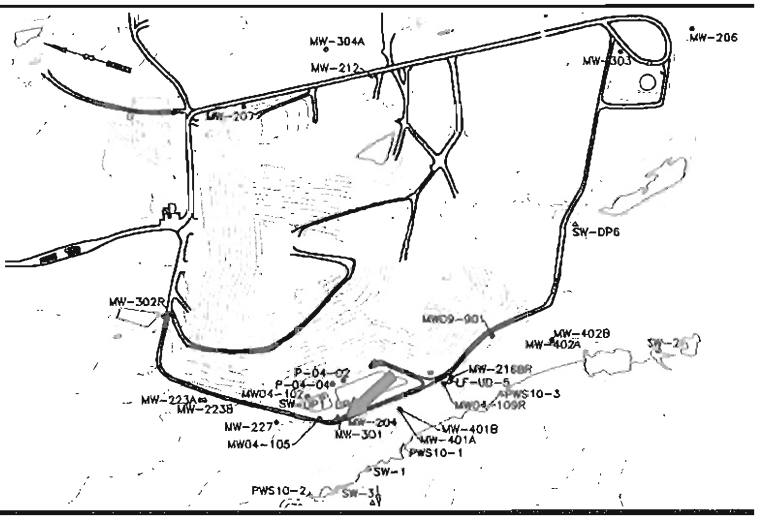
MW-204

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-204 monitors the overburden water quality downgradient from the landfill.



Screen Interval: **13.5 ft. to 18.5 ft.**

Sampled: **3 Times Annually**

Sampled Since: **11/13/90**

Material Screened: **Overburden**

Well Condition: **Good**

Sampling Method: **Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean		SE	n
Water Level Elevation (Feet)		155.53	154.93	155.43	150.53	to	161.5	160	±	0.26	64
Specific Conductance (µmhos/cm @25°C)		216	175	200	100	to	340	190	±	7	67
pH (Standard Units)		6.6	6.6	7.5	5.7	to	9.2	6.8	±	0.07	67
Alkalinity (CaCO3) (field) (mg/L)		↓60	110	70	70	to	140	100	±	4.7	18
Arsenic (mg/L)		0.003 J	0.006	0.004 J	0.001 U	to	0.009	0.0027	±	0.000	19
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0005	0.0021	±	0.000	29
Calcium (mg/L)		20.2	21.1	20.6	2.7	to	39	23	±	0.87	53
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.01	0.01	±	0.002	29
Iron (mg/L)		0.02 J	0.02 U	0.02 U	0.008	to	2.4	0.12	±	0.04	59
Magnesium (mg/L)		5.9	6.1	6	3.9	to	12	6.9	±	0.25	53
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.002	to	1.2	0.069	±	0.02	59
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.004	0.0023	±	0.000	17
Potassium (mg/L)		0.9	0.9	1	0.9	to	3.3	1.3	±	0.12	19
Sodium (mg/L)		6.3	7	7.5	4	to	10.6	6	±	0.2	59
Total Kjeldahl Nitrogen (mg/L)		0.34	0.3 U	0.3 U	0.15 U	to	4	0.8	±	0.17	30
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.05 U	to	0.54	0.14	±	0.02	31
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.05 U	to	0.3	0.11	±	0.01	31
Total Dissolved Solids (mg/L)		119	113	138	61	to	220	130	±	4.1	59
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	4 U	4	±	0	19
Sulfate (mg/L)		5.9	5.5	5.5	2.5	to	42.5	8.8	±	0.85	59
Bicarbonate (CaCO3) (mg/L)		83	81	↓76	80	to	110	92	±	1.9	19
Organic Carbon (mg/L)		3.7	0.7 U	0.9 J	0.4	to	17	2.6	±	0.4	59
Chemical Oxygen Demand (mg/L)		4 J	3 U	3 U	2 U	to	240	14	±	4.5	59
Chloride (mg/L)		4.9	5.1	4.8	1 U	to	8.8	4.5	±	0.39	59
Turbidity (field) (NTU)		1.6	2	0	0	to	31	2.9	±	0.99	44
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.5	0.22	±	0.01	27

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ Indicates a value less than the historical minimum value.

Comments

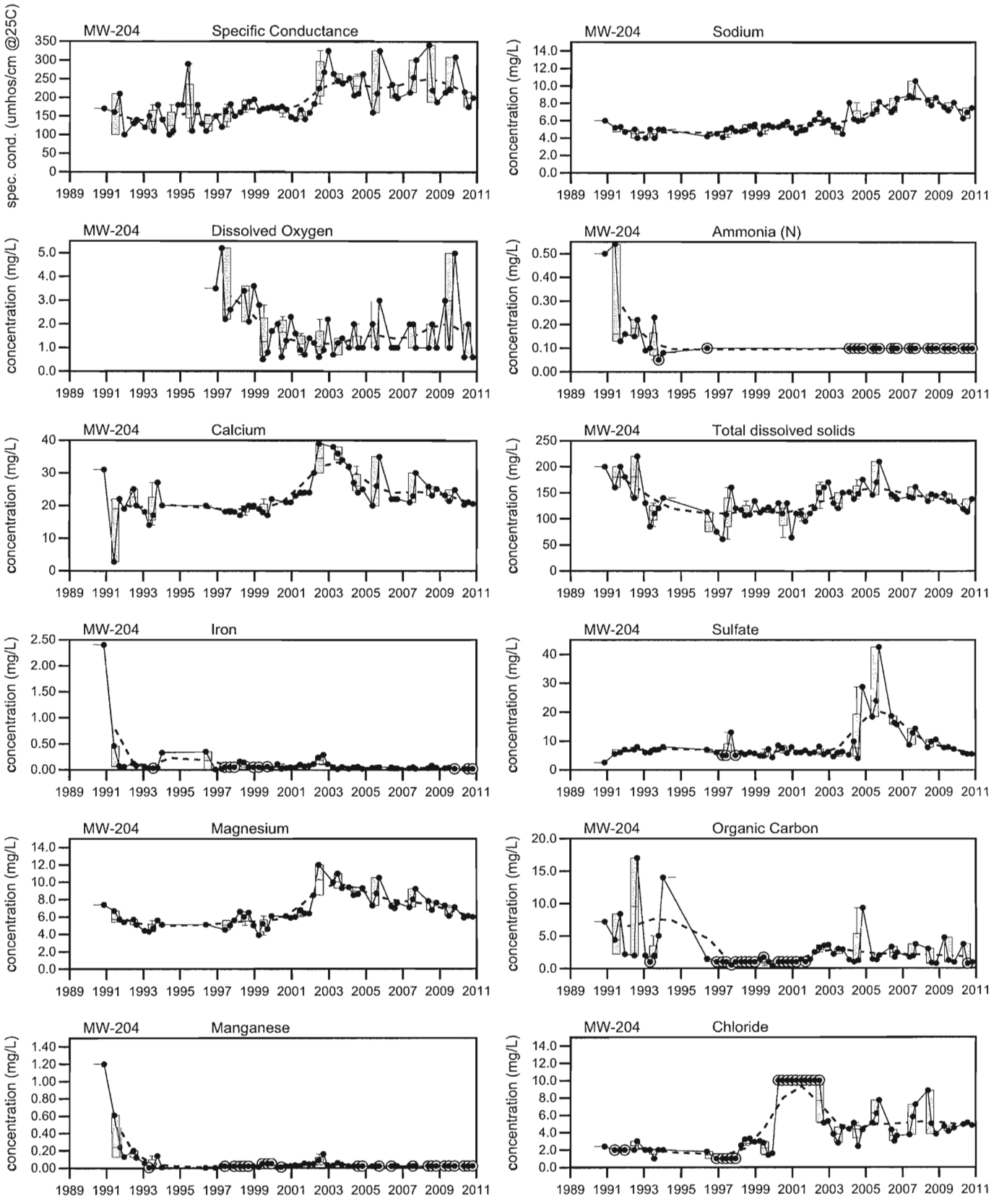
Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166

Printed: 2/8/2011 13:57

SME Sevee & Maher Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-204

Sevee & Maher Engineers, Inc.

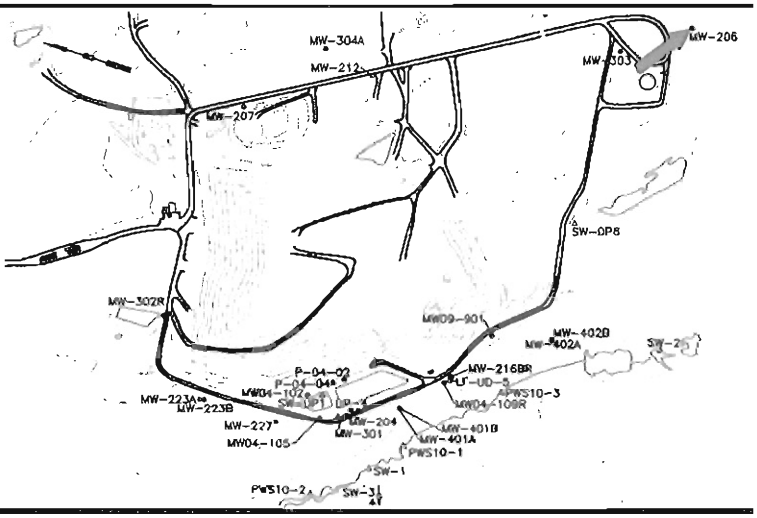
MW-206

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-206 monitors overburden water quality upgradient of the landfill.



Screen Interval: **15 ft. to 20 ft.**

Sampled: **3 Times Annually**

Sampled Since: **04/27/93**

Material Screened: **Overburden**

Well Condition: **Good**

Sampling Method: **Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	Historical SE	Historical n
Water Level Elevation (Feet)		199.37	194.27	197.82	186.1	201.59	200	0.51	55
Specific Conductance (µmhos/cm @25°C)		135	160	↑ 187	89	160	130	2.2	58
pH (Standard Units)		7.4	7.4	7.7	6.2	8.6	7.9	0.07	58
Alkalinity (CaCO3) (field) (mg/L)		60	70	70	30	100	75	4.1	18
Arsenic (mg/L)		0.005	↑ 0.01	↑ **0.015**	0.001	0.009	0.0051	0.000	18
Cadmium (mg/L)		0.0002 U	0.0005 J	0.0002 U	0.0002 U	0.0009	0.0013	0.000	20
Calcium (mg/L)		14.5	14.8	↑ 27.2	13	19	16	0.22	45
Copper (mg/L)		0.001 U	0.001 U	0.001 J	0.001 U	0.011	0.0068	0.002	20
Iron (mg/L)		0.02 U	0.02 U	↑ 1.2	0.012	0.83	0.12	0.02	51
Magnesium (mg/L)		4	4.3	↑ 6.9	2.7	5.5	4.4	0.07	45
Manganese (mg/L)		0.02 U	0.02 U	↑ 0.32	0.003	0.1	0.024	0.002	51
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	0.003	0.0021	9E-05	15
Potassium (mg/L)		0.8	↑ 2.5	1.5	0.3	1.8	0.83	0.07	18
Sodium (mg/L)		4.8	4.9	6.5	3.7	25	5.9	0.4	51
Total Kjeldahl Nitrogen (mg/L)		0.3 U	↑ 2.4	↑ 2.4	0.15 U	2.2	0.54	0.11	23
Ammonia (N) (mg/L)		0.3 J	↑ 0.6	↑ 2	0.07	0.5	0.12	0.02	23
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.05 U	0.27	0.12	0.01	23
Total Dissolved Solids (mg/L)		69	81	98	30	190	89	3.9	51
Total Suspended Solids (mg/L)		4 U	4 U	↑ 10	4 U	8	4.2	0.22	18
Sulfate (mg/L)		1.6 J	1.7 J	0.6 U	0.2	4.6	2.1	0.21	51
Bicarbonate (CaCO3) (mg/L)		67	70	↑ 80	58	73	68	0.81	18
Organic Carbon (mg/L)		0.7 J	1.4 J	1.5 J	0.5 U	9	1.6	0.22	51
Chemical Oxygen Demand (mg/L)		3 U	8 J	5 J	2 U	23	6.8	0.71	51
Chloride (mg/L)		↑ 2.7	1.8	1.2	0.8	2.6	3.1	0.49	51
Turbidity (field) (NTU)		0.3	1	1.9	0	40	2.2	1	43
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0	23

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

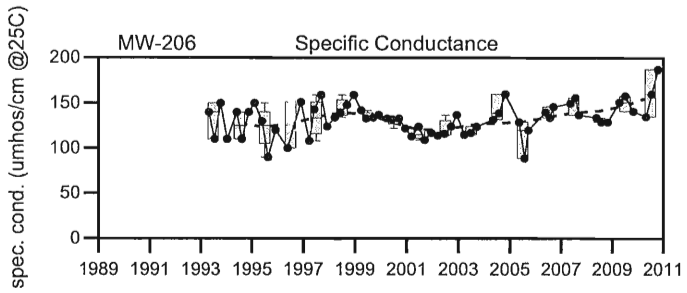
Comments

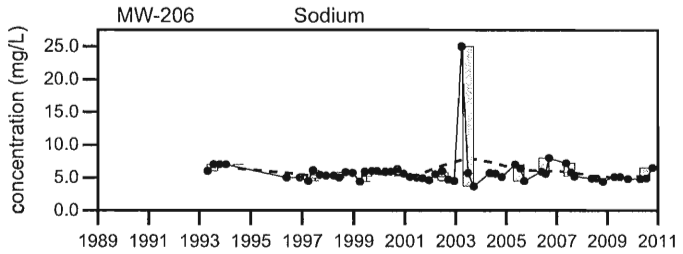
Q2= APRIL Q3= JULY Q4= OCTOBER

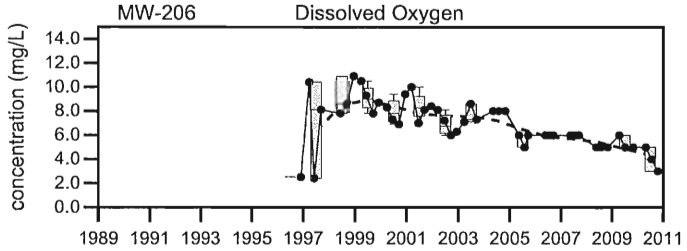
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

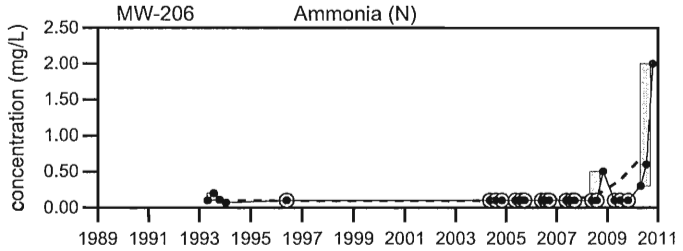
Data Group: 166
Printed: 2/8/2011 13:57

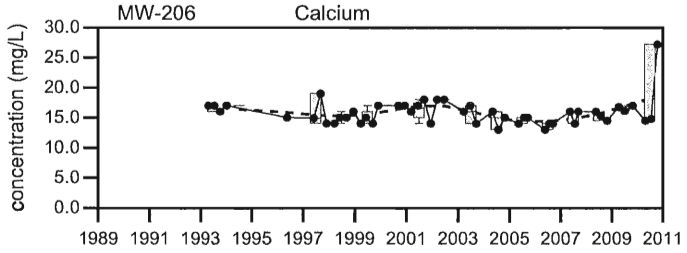
SME
Sevee & Maher Engineers, Inc

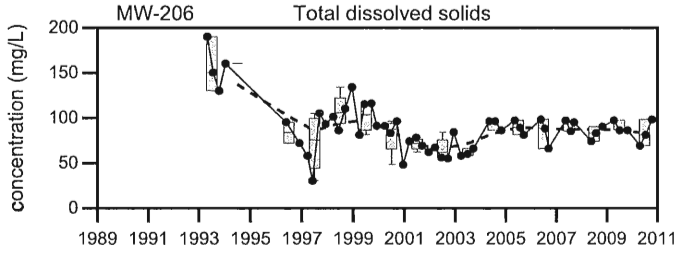


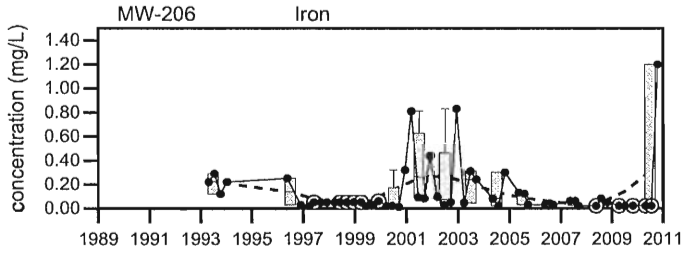


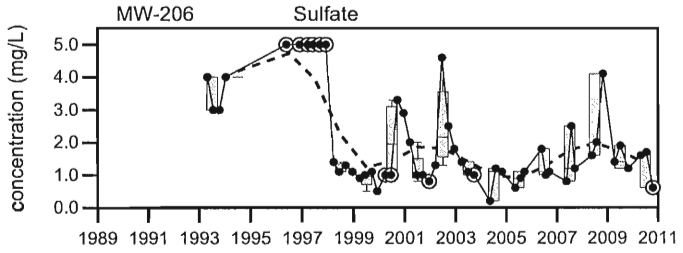


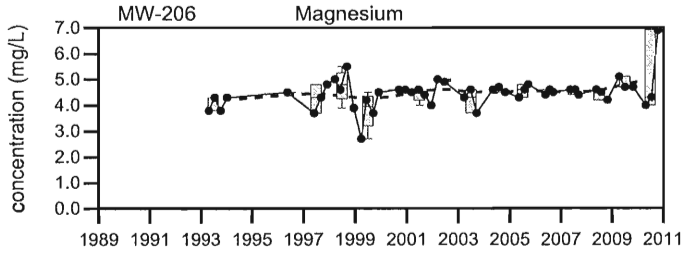


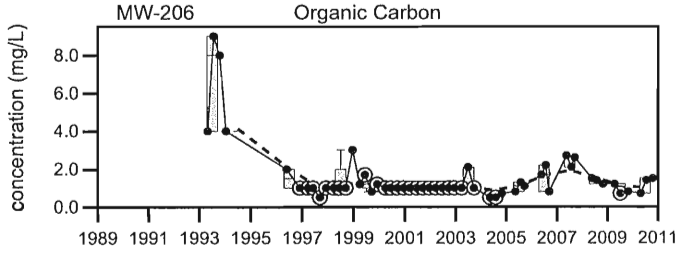


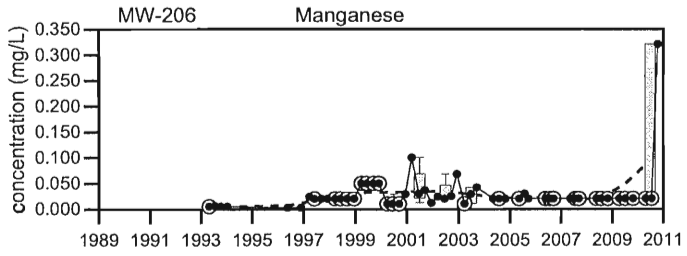


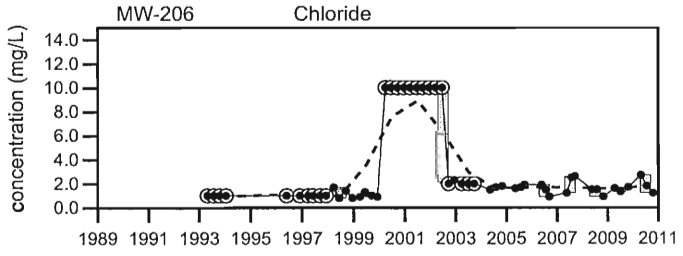












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-206

Sevee & Maher Engineers, Inc.

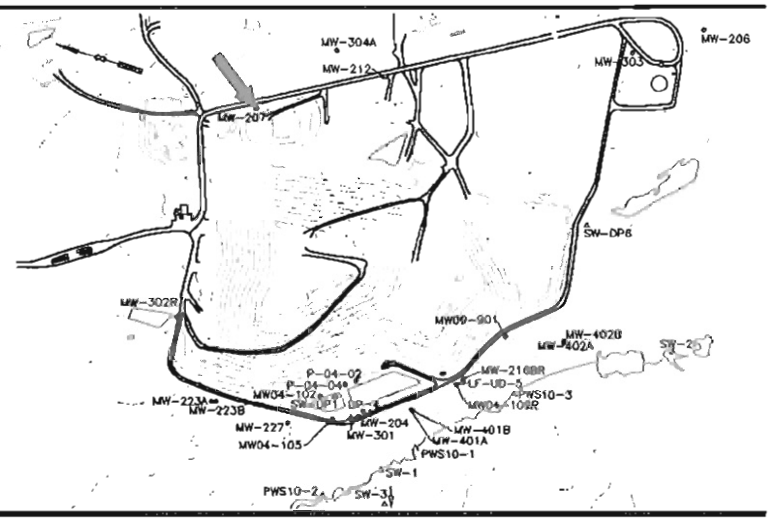
MW-207

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-207 monitors bedrock groundwater quality upgradient of the landfill.



Screen Interval:	**25 ft. to 30 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**11/13/90**
Material Screened:	**Bedrock**
Well Condition:	**GOOD**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean		SE	n
Water Level Elevation (Feet)		212.21	203.86	205.09	199.5	to	214.35	210	±	0.47	65
Specific Conductance (µmhos/cm @25°C)		490	522	538	80	to	601	170	±	10	68
pH (Standard Units)		6.3	6.3	6.7	6.3	to	8.8	7	±	0.06	68
Alkalinity (CaCO3) (field) (mg/L)		205	275	175	60	to	310	120	±	13	18
Arsenic (mg/L)		**0.012**	**0.011**	**0.041**	0.001	to	0.046	0.0084	±	0.003	18
Cadmium (mg/L)		0.0002 U	0.0002 J	0.0002 U	0.0002 U	to	0.0006	0.0024	±	0.000	28
Calcium (mg/L)		↑ 46.5	14.9	↑ 55.4	9.8	to	43.7	16	±	1.1	53
Copper (mg/L)		0.001 U	0.001 J	0.001 U	0.001 U	to	0.006	0.01	±	0.002	28
Iron (mg/L)		**12.2**	2.26	↑ **23.2**	0.03	to	17.6	2.1	±	0.4	59
Magnesium (mg/L)		↑ 19.5	5.2	↑ 19.1	3.1	to	14.1	6.5	±	0.31	53
Manganese (mg/L)		↑ **4.33**	**1.26**	↑ **5.48**	0.024	to	4.02	1.2	±	0.12	59
Nickel (mg/L)		0.003 J	0.002 U	0.002 U	0.002 U	to	0.013	0.0033	±	0.000	15
Potassium (mg/L)		2.4	0.9	3.7	0.5	to	6.1	2.1	±	0.42	18
Sodium (mg/L)		5.5	4.9	6.4	1.6	to	51	6.9	±	1.1	59
Total Kjeldahl Nitrogen (mg/L)		3.8	4.4	5.1	0.15 U	to	25	2.7	±	1.1	31
Ammonia (N) (mg/L)		2.2	2.5	4.1	0.05 U	to	20.7	1.6	±	0.85	31
Nitrate (N) (mg/L)		0.1 J	0.6	0.1 U	0.05 U	to	2.9	0.2	±	0.09	31
Total Dissolved Solids (mg/L)		259	244	↑ 286	39	to	265	110	±	6.4	59
Total Suspended Solids (mg/L)		↑ 46	29	14	4 U	to	38	8.9	±	2.1	18
Sulfate (mg/L)		6.1	6.6	5.2	0.6 U	to	9.4	3.7	±	0.29	59
Bicarbonate (CaCO3) (mg/L)		238	228	213	68	to	284	110	±	15	18
Organic Carbon (mg/L)		6.5	5.3	6.2	1 U	to	43	5.4	±	0.94	59
Chemical Oxygen Demand (mg/L)		14	18	18	2 U	to	350	22	±	6.4	59
Chloride (mg/L)		5.2	4.9	4	0.8	to	6	3.5	±	0.42	59
Turbidity (field) (NTU)		7.9	2.5	0.3	0	to	170	11	±	4.2	43
Tannin & Lignins (Tannic Acid) (mg/L)		0.74	0.78	↑ 2.3	0.2 U	to	2.1	0.45	±	0.09	31

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

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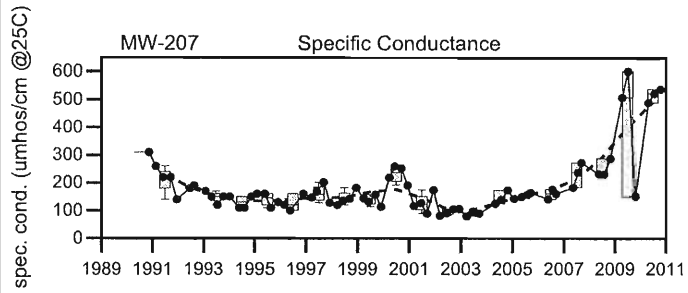
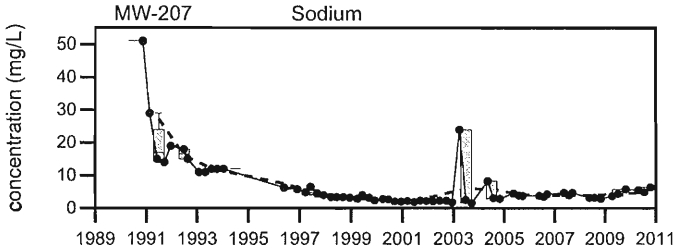
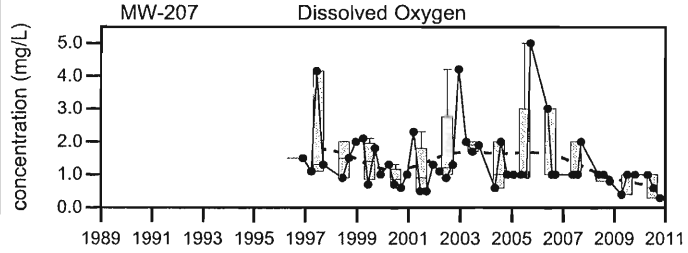
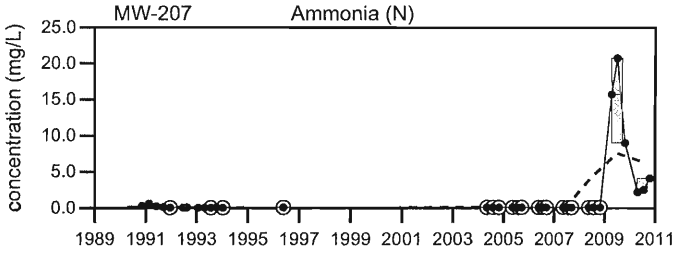
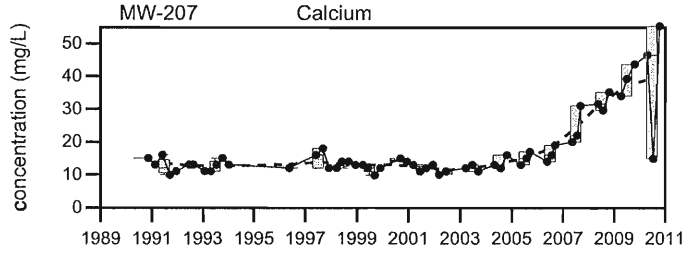
SME
Sevee & Maher Engineers, Inc

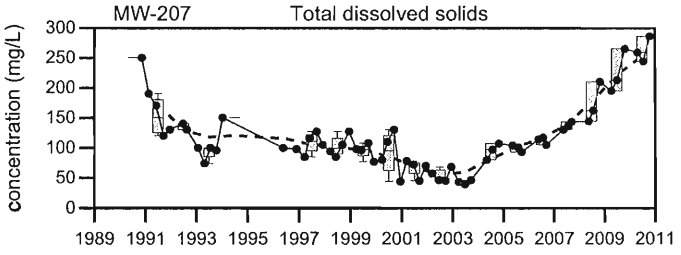


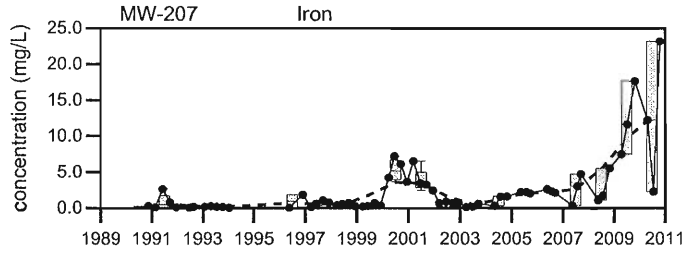


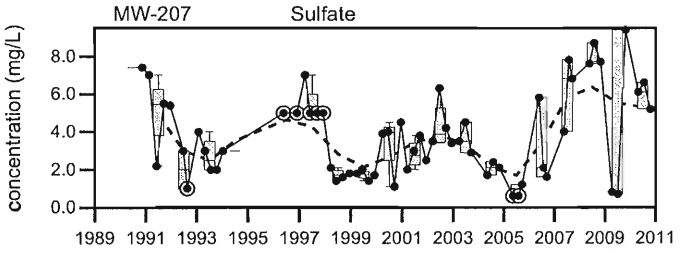


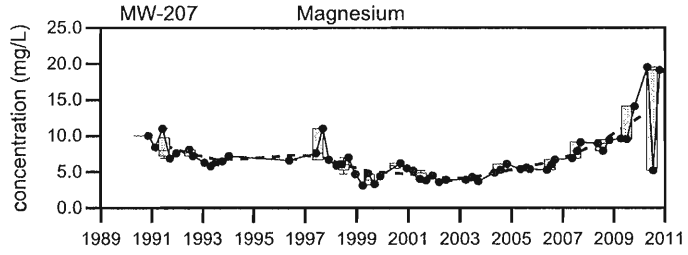


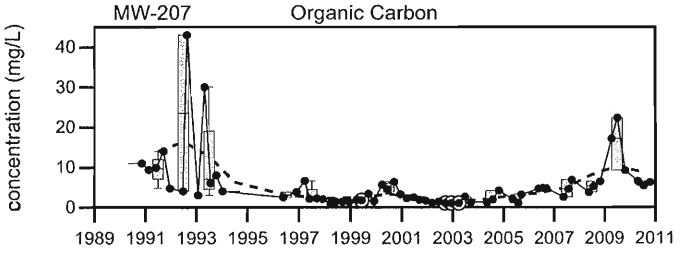


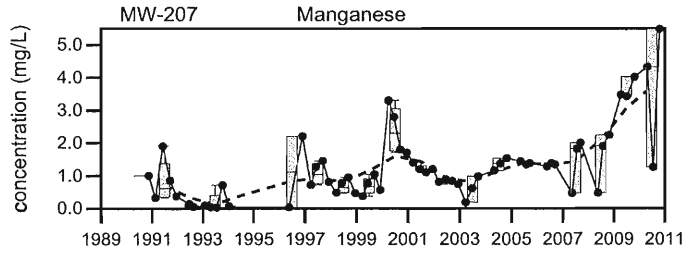


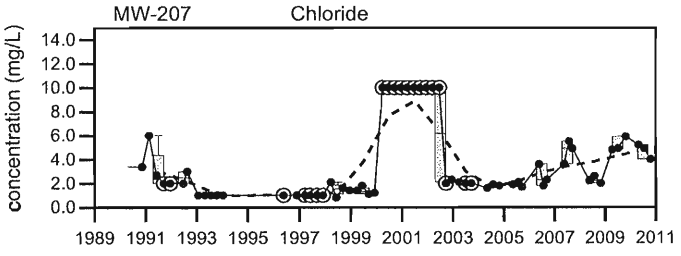












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-207

Sevee & Maher Engineers, Inc.

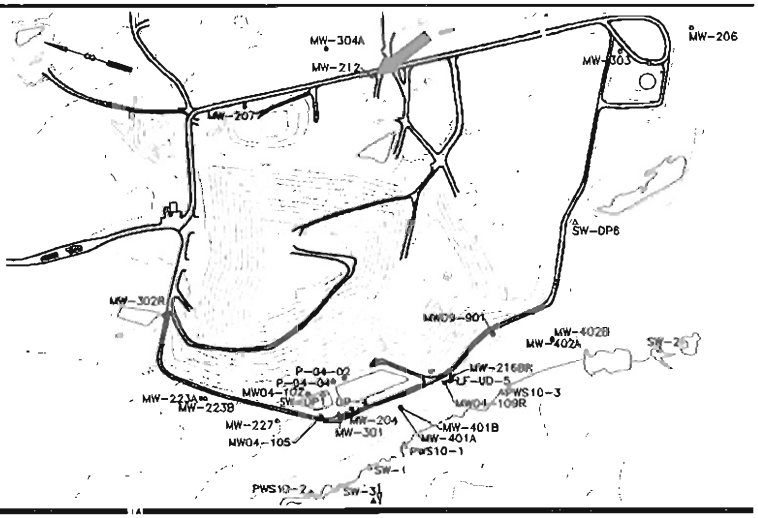
MW-212

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-212 monitors the overburden groundwater upgradient of the landfill.



Screen Interval:	**12 ft. to 17 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**11/13/90**
Material Screened:	**Overburden**
Well Condition:	**GOOD**
Sampling Method:	**Low Flow**

Chemical Summary

	2010				Historical				
Indicator Parameters	Q1	Q2	Q3	Q4	Min	Max	Mean	SE	n
Water Level Elevation (Feet)		202.28			200.23	to 207.32	200	± 0.35	32
Specific Conductance (µmhos/cm @25°C)		↑ 289	D	D	20	to 250	94	± 9.9	32
pH (Standard Units)		6.3	D	D	5.4	to 8.1	6.7	± 0.11	32
Alkalinity (CaCO3) (field) (mg/L)		25	D	D	20	to 65	36	± 4.9	9
Arsenic (mg/L)		0.003 J	D	D	0.001 U	to 0.008	0.0029	± 0.000	9
Cadmium (mg/L)		0.0002 U	D	D	0.0002 U	to 0.006	0.0019	± 0.000	15
Calcium (mg/L)		18.8	D	D	2.1	to 23	7.5	± 1.1	25
Copper (mg/L)		0.001 U	D	D	0.001 U	to 0.022	0.0093	± 0.002	15
Iron (mg/L)		0.06	D	D	0.01	to 1.77	0.15	± 0.06	27
Magnesium (mg/L)		↑ 4.6	D	D	0	to 3.5	1.6	± 0.16	25
Manganese (mg/L)		0.02 U	D	D	0.003	to 0.16	0.038	± 0.007	27
Nickel (mg/L)		0.002 U	D	D	0.002 U	to 0.002	0.0021	± 0.000	9
Potassium (mg/L)		1	D	D	0.2	to 1.4	0.68	± 0.12	9
Sodium (mg/L)		17.4	D	D	2.6	to 45	8.3	± 1.8	27
Total Kjeldahl Nitrogen (mg/L)		0.36	D	D	0.15 U	to 3.1	0.87	± 0.25	13
Ammonia (N) (mg/L)		0.1 U	D	D	0.05 U	to 2.2	0.24	± 0.15	14
Nitrate (N) (mg/L)		0.3	D	D	0.06	to 0.72	0.18	± 0.05	14
Total Dissolved Solids (mg/L)		135	D	D	9	to 160	67	± 6.9	26
Total Suspended Solids (mg/L)		↑ 5	D	D	4 U	to 4 U	4	± 0	9
Sulfate (mg/L)		3.4	D	D	1.9	to 51	8.6	± 1.9	26
Bicarbonate (CaCO3) (mg/L)		30	D	D	12.5	to 46	25	± 4.2	9
Organic Carbon (mg/L)		1.3 J	D	D	0.5 U	to 12	2.4	± 0.53	26
Chemical Oxygen Demand (mg/L)		3 U	D	D	2 U	to 34	8.7	± 1.6	26
Chloride (mg/L)		↑ 47.2	D	D	0.6	to 27.5	4.5	± 1.3	26
Turbidity (field) (NTU)		1.9	D	D	0	to 7.1	1.7	± 0.49	19
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	D	D	0.2 U	to 0.33	0.21	± 0.01	13

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
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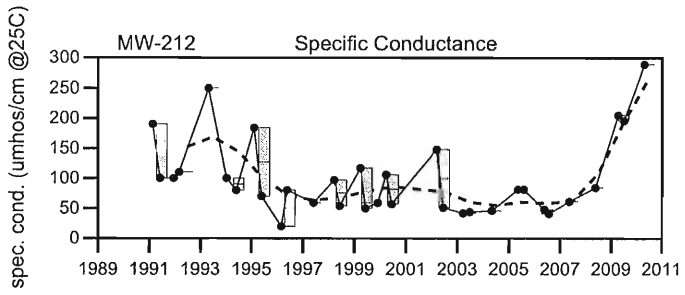
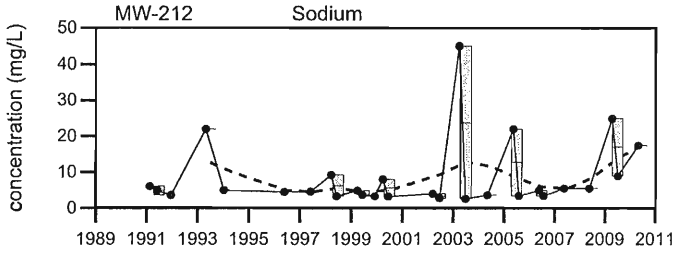
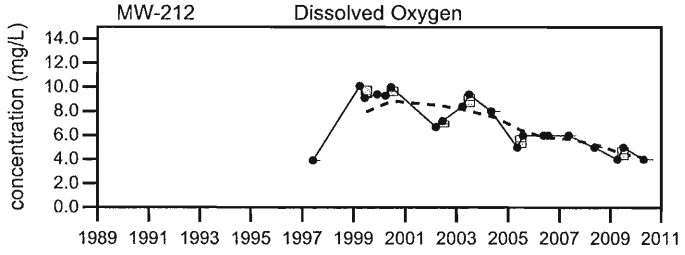
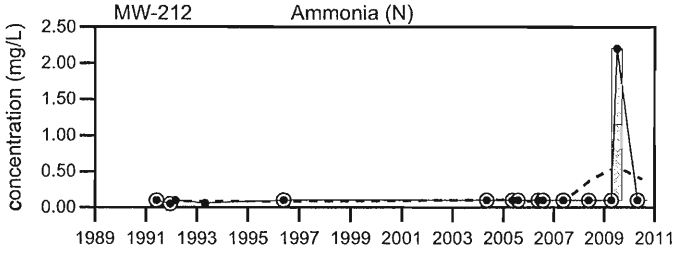
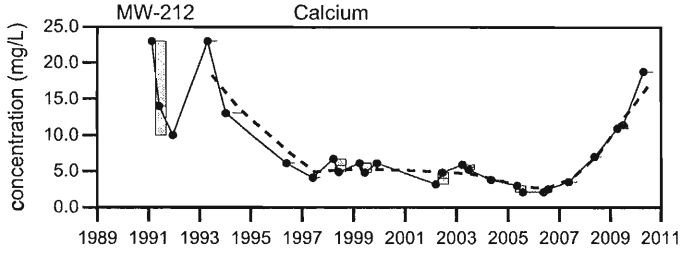
SME
Sevee & Maher Engineers, Inc

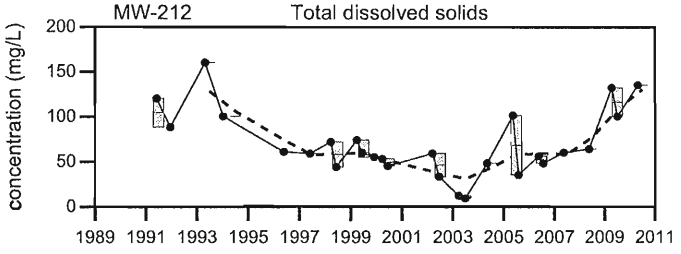


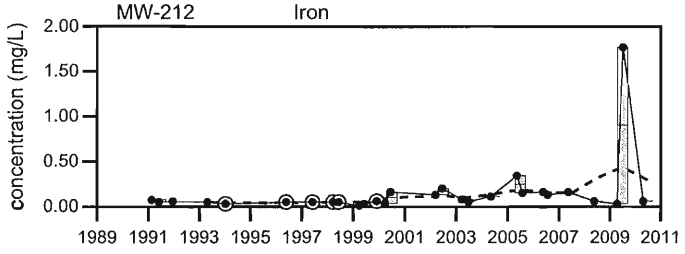


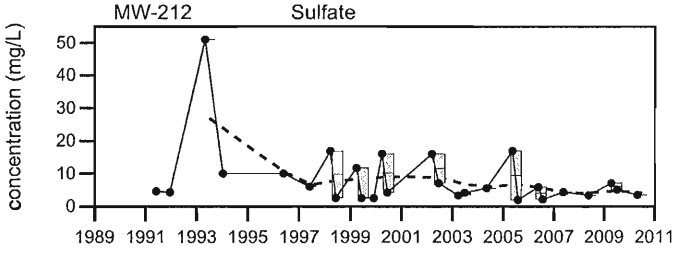


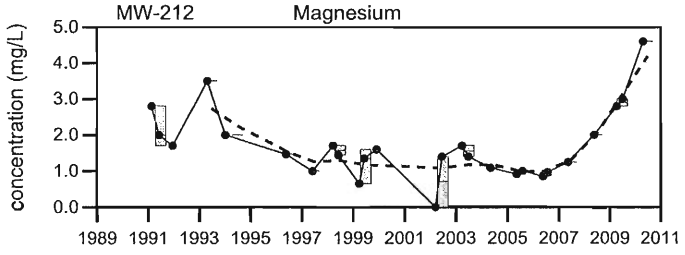


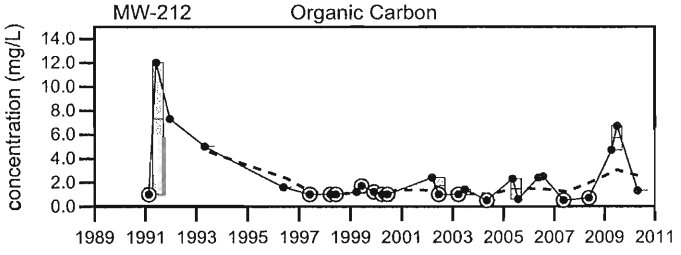


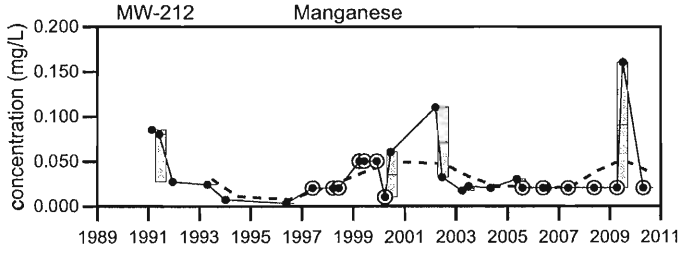


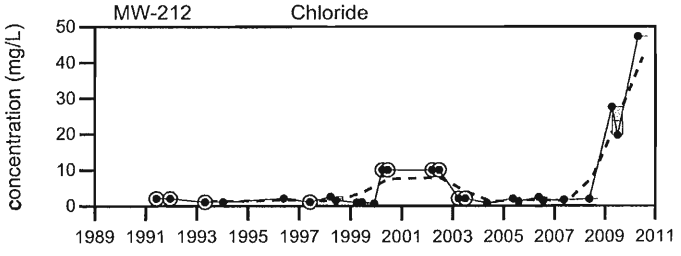












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-212

Sevee & Maher Engineers, Inc.

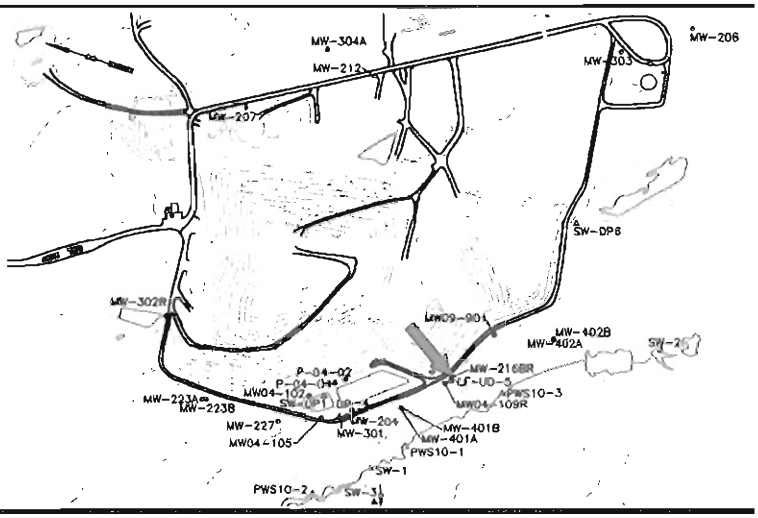
MW-216BR

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-216BR is located to the south of Cell 5 of the expansion landfill and near manhole #5. This well monitors water quality within the overburden.



Screen Interval:	**14.6 ft. to 19.6 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**DECEMBER 2009**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Water Level Elevation (Feet)		↓ 184.18	↓ 182.93	↓ 183.89	184.4	to	184.4	180	±	0	1
Specific Conductance (µmhos/cm @25°C)		↓ 288	↓ 281	↓ 278	342	to	342	340	±	0	1
pH (Standard Units)		↓ 6.6	↓ 6.5	↓ 6.9	8	to	8	8	±	0	1
Alkalinity (CaCO3) (field) (mg/L)		↓ 70	↑ 110	↓ 70	90	to	90	90	±	0	1
Arsenic (mg/L)		↓ 0.007	↓ **0.011**	↓ 0.008	0.015	to	0.015	0.015	±	0	1
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0002 U	0.0002	±	0	1
Calcium (mg/L)		↓ 27	↓ 24	↓ 25.2	30.7	to	30.7	31	±	0	1
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.001 U	0.001	±	0	1
Iron (mg/L)		↑ 0.25	↑ 0.19	↑ 0.19	0.13	to	0.13	0.13	±	0	1
Magnesium (mg/L)		↓ 9.8	↓ 8.8	↓ 9.2	11	to	11	11	±	0	1
Manganese (mg/L)		↓ 0.17	↓ 0.14	↓ 0.12	0.68	to	0.68	0.68	±	0	1
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002	to	0.002	0.002	±	0	1
Potassium (mg/L)		↓ 1.7	↓ 1.5	↓ 1.6	2.4	to	2.4	2.4	±	0	1
Sodium (mg/L)		↓ 15.9	↓ 14.9	↓ 15.8	18.8	to	18.8	19	±	0	1
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.3 U	to	0.3 U	0.3	±	0	1
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	±	0	1
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	±	0	1
Total Dissolved Solids (mg/L)		↓ 185	↓ 174	↓ 188	192	to	192	190	±	0	1
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	4 U	4	±	0	1
Sulfate (mg/L)		↓ 6.8	↓ 6.2	↓ 5.2	8	to	8	8	±	0	1
Bicarbonate (CaCO3) (mg/L)		↑ 127	↓ 117	↓ 117	122	to	122	120	±	0	1
Organic Carbon (mg/L)		↑ 2.5	↓ 0.8 J	↓ 0.7 U	1.6	to	1.6	1.6	±	0	1
Chemical Oxygen Demand (mg/L)		↑ 7 J	↑ 5 J	3 U	3 U	to	3 U	3	±	0	1
Chloride (mg/L)		↓ 10.9	↓ 9.3	↓ 8.7	15.3	to	15.3	15	±	0	1
Turbidity (field) (NTU)		0	↑ 0.2	0	0	to	0	0	±	0	1
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.2 U	0.2	±	0	1

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

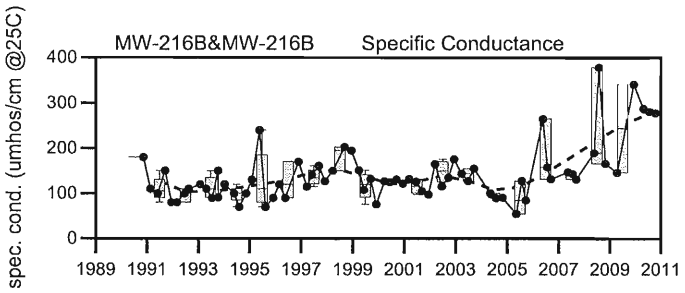
Comments

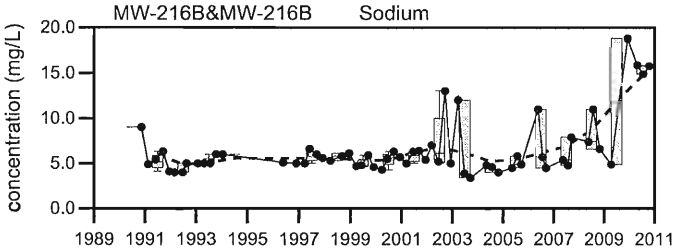
Q2= APRIL Q3= JULY Q4= OCTOBER

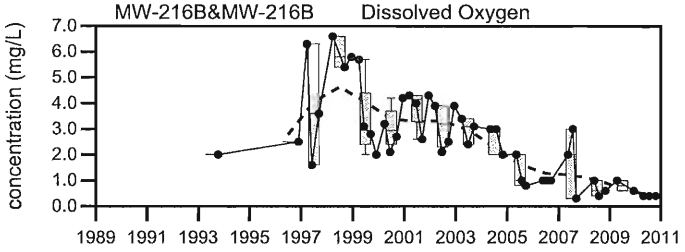
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

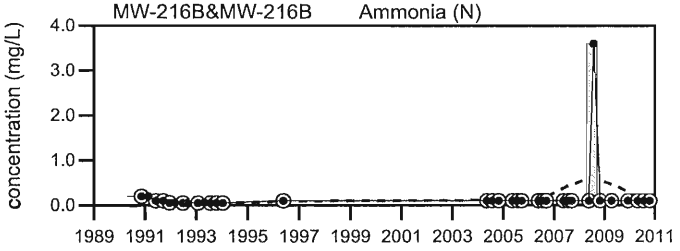
Data Group: 166
Printed: 2/8/2011 13:57

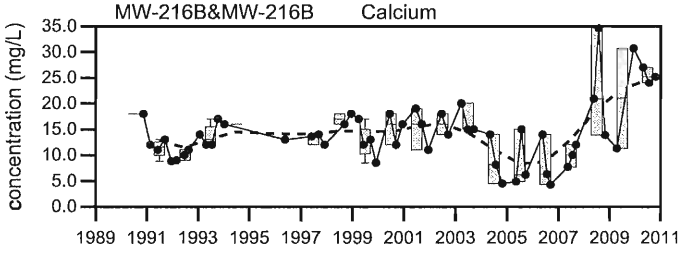
SME
Sevee & Maher Engineers, Inc.

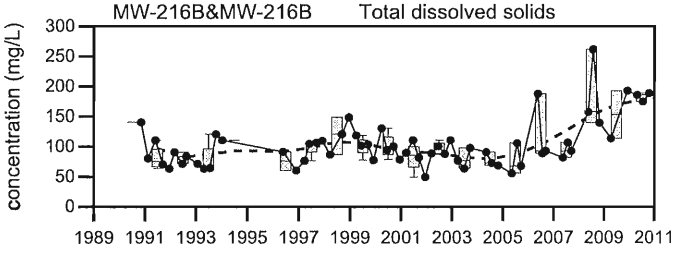


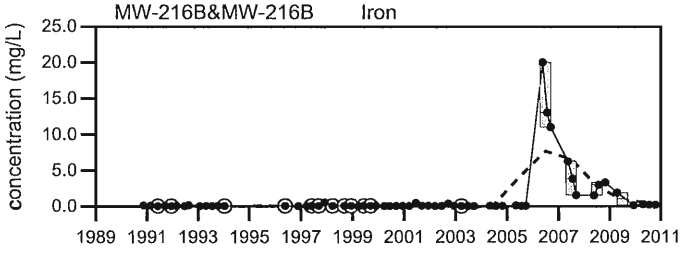


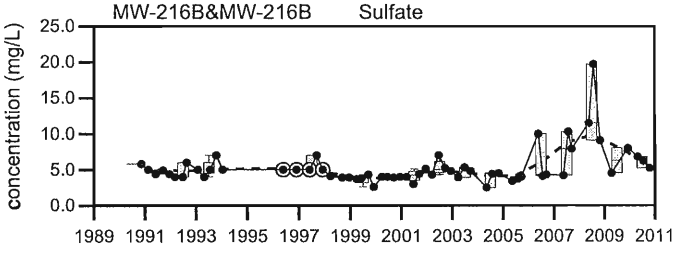


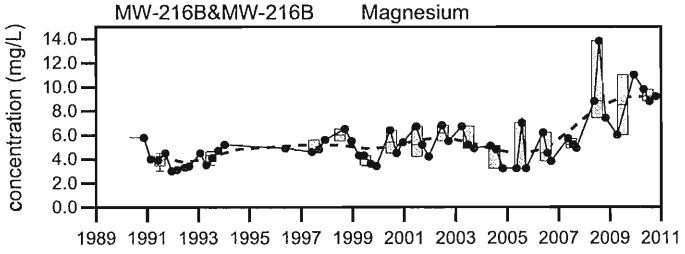


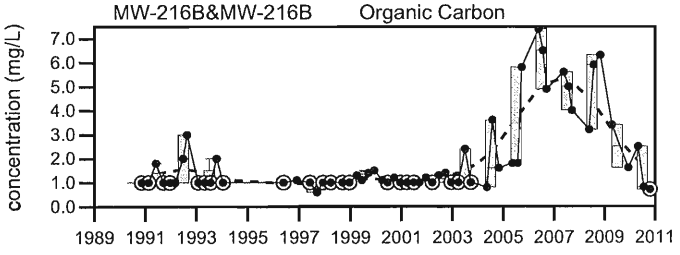


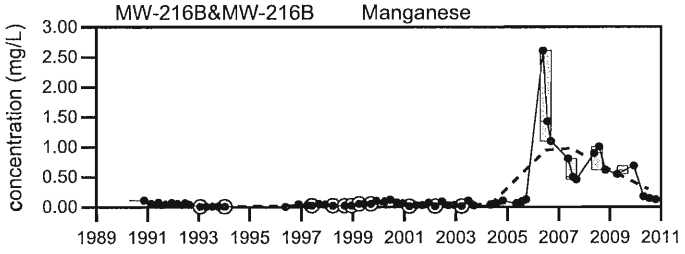


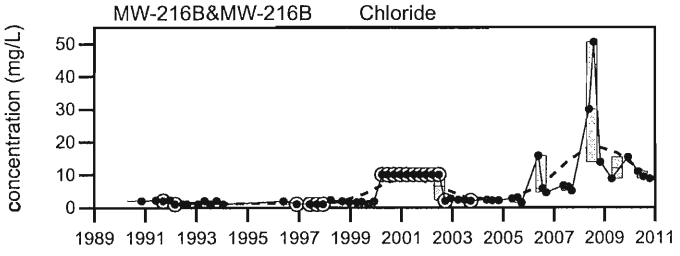












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-216B&MW-216BR

Sevee & Maher Engineers, Inc.

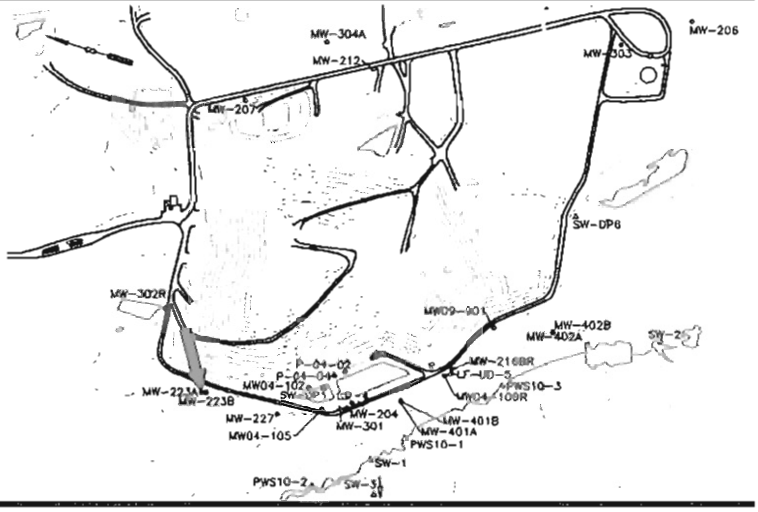
MW-223A

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-223A monitors the bedrock water quality downgradient of the landfill.



Screen Interval:	**28 ft. to 33 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**11/12/90**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean		SE	n
Water Level Elevation (Feet)		175.19	172.64	174.34	169.83	to	176.31	170	±	0.15	57
Specific Conductance (µmhos/cm @25°C)		297	309	324	79	to	355	170	±	5.4	60
pH (Standard Units)		7.4	7.1	7.5	6.1	to	8.4	7.4	±	0.05	60
Alkalinity (CaCO3) (field) (mg/L)		70	125	100	65	to	180	98	±	6.5	19
Arsenic (mg/L)		0.003 J	0.006	0.006	0.001 U	to	0.011	0.0024	±	0.000	18
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0006	0.0019	±	0.000	24
Calcium (mg/L)		48.6	48.9	48.7	23	to	60.9	29	±	0.92	48
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.004	0.0088	±	0.002	24
Iron (mg/L)		0.02 U	0.02 U	0.02 U	0.005	to	120	2.4	±	2.3	52
Magnesium (mg/L)		5.2	5.2	5.4	2.3	to	8.2	3.3	±	0.13	48
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.001	to	4	0.094	±	0.08	52
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.008	0.0027	±	0.000	15
Potassium (mg/L)		0.6	0.6	0.7	0.4	to	1.3	0.67	±	0.05	18
Sodium (mg/L)		3.4	3.5	3.4	1.8	to	9.8	3.4	±	0.14	52
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.56	0.3 U	0.15 U	to	0.8	0.35	±	0.03	27
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.05 U	to	0.29	0.1	±	0.009	27
Nitrate (N) (mg/L)		0.2 J	0.2 J	0.1 J	0.05 U	to	0.3	0.12	±	0.01	27
Total Dissolved Solids (mg/L)		189	176	229	36	to	229	110	±	4.1	52
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	4 U	4	±	0	18
Sulfate (mg/L)		4.5	4.2	3.9	2.9	to	7.8	4.9	±	0.14	52
Bicarbonate (CaCO3) (mg/L)		124	127	120	86	to	155	97	±	3.8	18
Organic Carbon (mg/L)		2.1	0.7 U	0.7 U	0.5 U	to	3.4	1.1	±	0.08	52
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	2 U	to	18	6.3	±	0.61	52
Chloride (mg/L)		14.2	12.7	16.5	1 U	to	24	4.1	±	0.63	52
Turbidity (field) (NTU)		0.9	0.2	0	0	to	999	30	±	24	41
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.25	0.2	±	0.002	27

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=Insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
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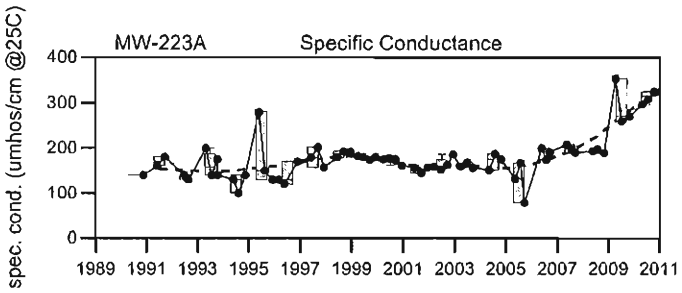
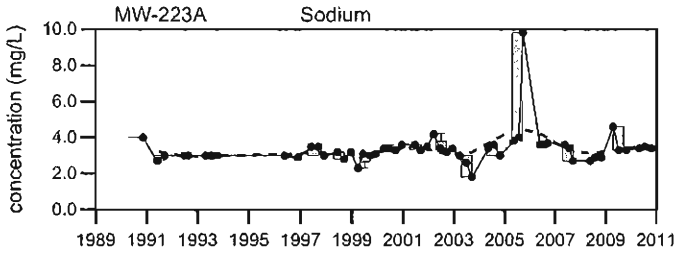
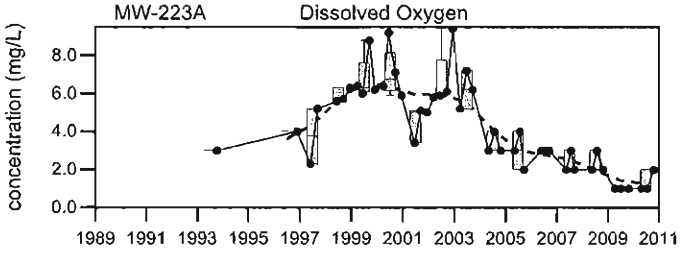
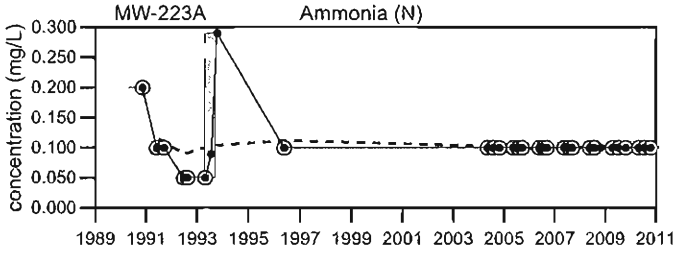
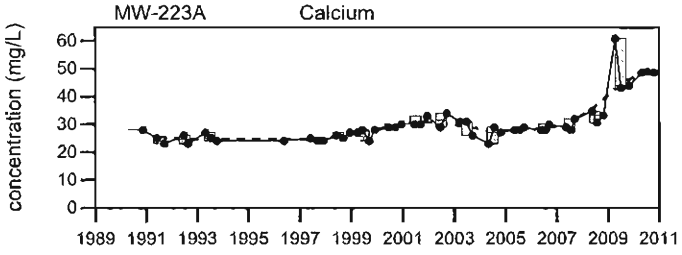
SME
Sevee & Maher Engineers, Inc.

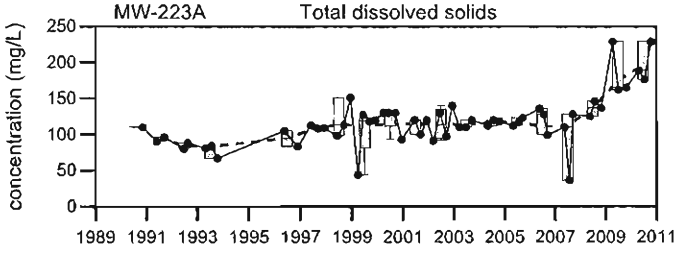


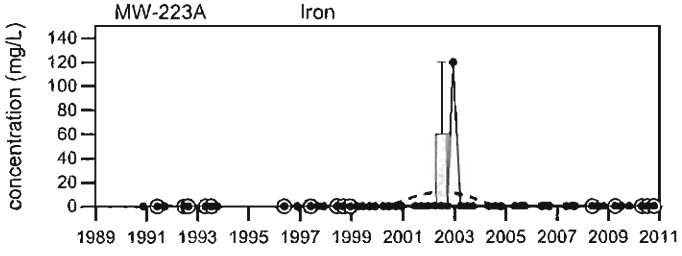


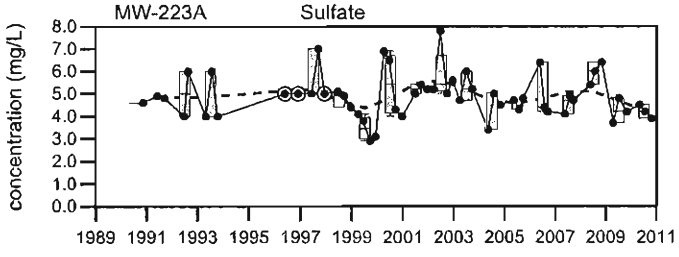


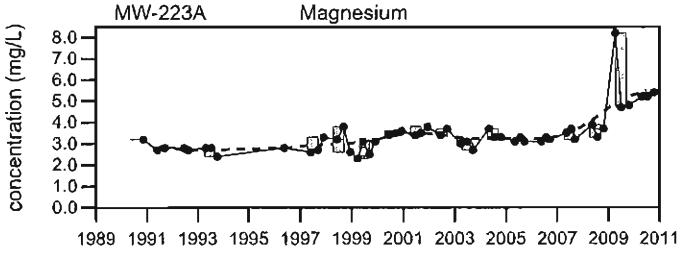


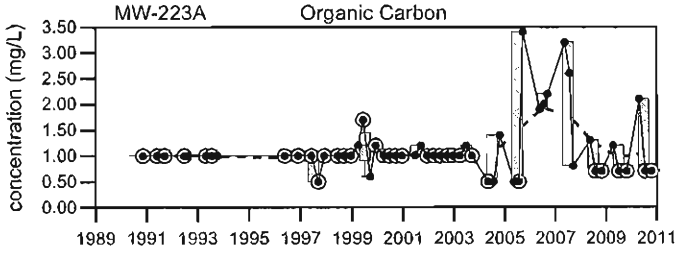


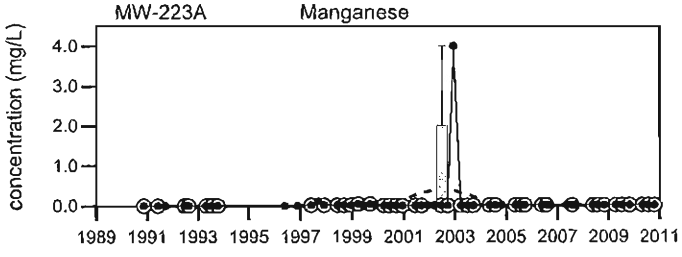


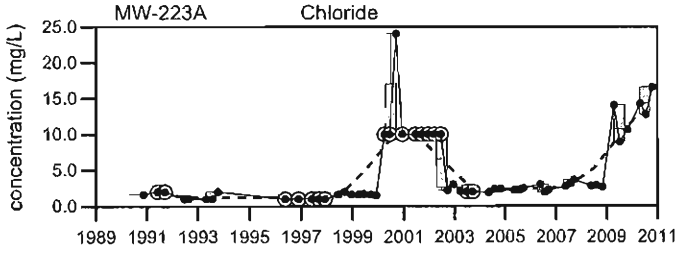












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-223A

Sevee & Maher Engineers, Inc.

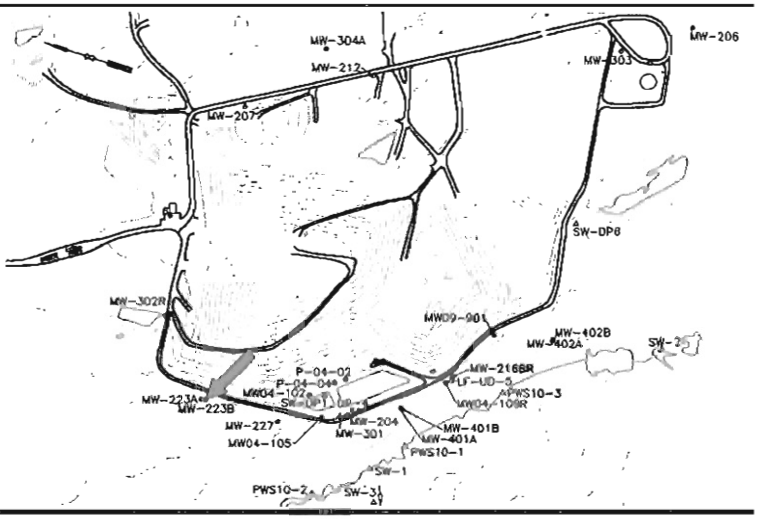
MW-223B

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-223B monitors the overburden water quality downgradient of the landfill.



Screen Interval:	**12.5 ft. to 17.5 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**11/12/90**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Water Level Elevation (Feet)		173.26	171.01	172.48	169.03	to	175.24	170	±	0.15	56
Specific Conductance (µmhos/cm @25°C)		306	↑ 343	316	100	to	331	180	±	6.4	59
pH (Standard Units)		7.1	7	7.4	6.3	to	8.2	7.2	±	0.04	59
Alkalinity (CaCO3) (field) (mg/L)		80	120	70	60	to	140	100	±	5.9	18
Arsenic (mg/L)		0.005	↑ **0.011**	0.007	0.001 U	to	0.009	0.0024	±	0.000	18
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.001	0.0018	±	0.000	26
Calcium (mg/L)		39.3	40.8	40.1	16	to	41.9	24	±	0.9	48
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.002	0.0081	±	0.002	26
Iron (mg/L)		0.35	↑ 0.58	0.11	0.009	to	0.55	0.1	±	0.02	52
Magnesium (mg/L)		9.1	↑ 9.8	9.5	3.7	to	9.7	5.8	±	0.24	48
Manganese (mg/L)		0.02 U	0.09	0.04 J	0.001 U	to	0.16	0.027	±	0.004	52
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.004	0.0022	±	0.000	17
Potassium (mg/L)		0.6	0.8	0.8	0.3	to	1.3	0.68	±	0.05	18
Sodium (mg/L)		4.2	4.6	4.4	2.1	to	5.2	3.9	±	0.09	52
Total Kjeldahl Nitrogen (mg/L)		0.3 U	↑ 1.5	0.33	0.15 U	to	0.53	0.41	±	0.08	27
Ammonia (N) (mg/L)		0.1 U	↑ 1.3	0.3 J	0.05 U	to	0.3	0.11	±	0.009	27
Nitrate (N) (mg/L)		0.1 J	0.1 U	0.1 U	0.05 U	to	0.4	0.16	±	0.02	27
Total Dissolved Solids (mg/L)		185	173	195	67	to	330	120	±	6.3	52
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	4 U	4	±	0	18
Sulfate (mg/L)		3.8	↓ 2.2	3.1	2.8	to	10	4.4	±	0.17	52
Bicarbonate (CaCO3) (mg/L)		↑ 133	↑ 140	128	92	to	129	110	±	2.8	18
Organic Carbon (mg/L)		0.8 J	2.6	0.8 J	0.5 U	to	8	1.6	±	0.18	52
Chemical Oxygen Demand (mg/L)		3 J	12	3 U	2 U	to	30	6.7	±	0.78	52
Chloride (mg/L)		12.6	11.8	12	1 U	to	50	5	±	0.99	52
Turbidity (field) (NTU)		1.8	0.8	0	0	to	83	3	±	2.1	40
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.37	0.21	±	0.007	25

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

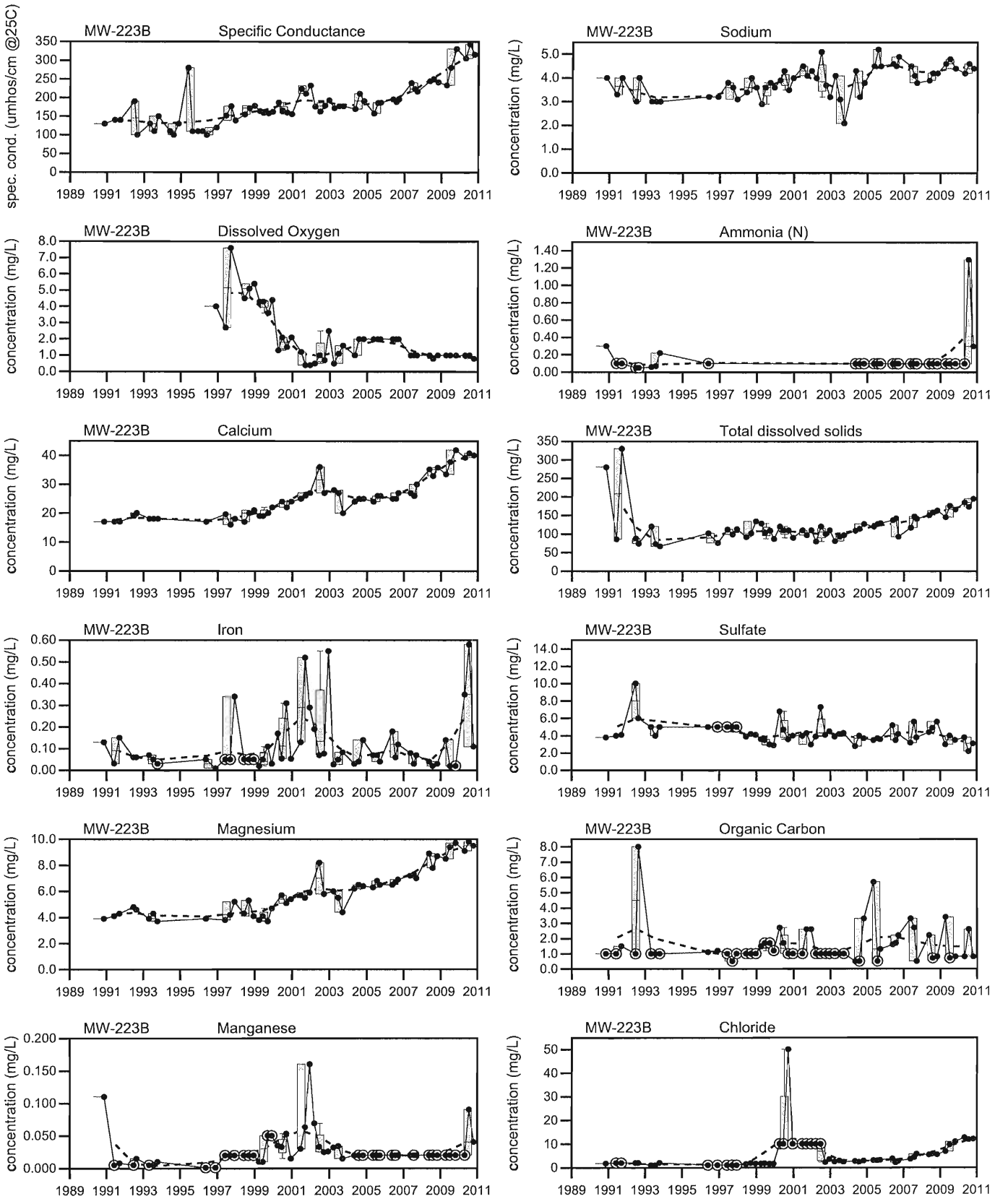
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Sevee & Maher Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-223B

Sevee & Maher Engineers, Inc.

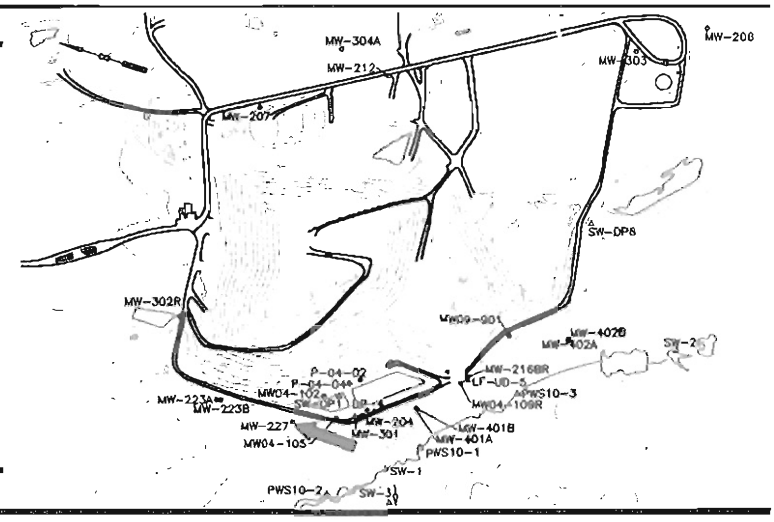
MW-227

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-227 monitors water quality in the overburden downgradient of the landfill.



Screen Interval: **15 ft. to 20 ft.**

Sampled: **3 Times Annually**

Sampled Since: **11/13/90**

Material Screened: **Overburden**

Well Condition: **Good**

Sampling Method: **Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	SE	n
Water Level Elevation (Feet)		160	157.58	159.81	149.5	161.09	160	± 0.32	58
Specific Conductance (µmhos/cm @25°C)		183	185	189	90	310	180	± 3.9	61
pH (Standard Units)		7.8	7.7	7.9	6.2	8.7	8	± 0.06	61
Alkalinity (CaCO3) (field) (mg/L)		↓ 50	70	↓ 50	55	150	88	± 6.1	18
Arsenic (mg/L)		**0.015**	**0.014**	**0.014**	0.007	0.018	0.011	± 0.000	18
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.0007	0.002	± 0.000	25
Calcium (mg/L)		21.7	21.2	21.9	16	25	22	± 0.27	49
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	0.004	0.0092	± 0.002	25
Iron (mg/L)		0.05	0.08	0.06	0.008	0.65	0.081	± 0.02	55
Magnesium (mg/L)		5.1	5.2	5.1	3.6	5.9	5.1	± 0.07	49
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.004	0.17	0.025	± 0.004	55
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	0.004	0.0022	± 0.000	15
Potassium (mg/L)		↑ 1.6	1	1	0.6	1.2	0.98	± 0.04	18
Sodium (mg/L)		5.3	5.5	5.2	3.7	11	7	± 0.16	55
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.15 U	1	0.36	± 0.03	28
Ammonia (N) (mg/L)		0.1 U	0.1 J	0.1 U	0.05 U	0.13	0.099	± 0.005	28
Nitrate (N) (mg/L)		0.1 J	0.1 U	0.1 U	0.05 U	0.2	0.09	± 0.006	28
Total Dissolved Solids (mg/L)		99	100	115	59	210	110	± 3.4	55
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	4	4	± 0	18
Sulfate (mg/L)		1.6 J	8.6	8.1	1.3	14.4	11	± 0.33	55
Bicarbonate (CaCO3) (mg/L)		81	79	77	75	89	80	± 0.82	18
Organic Carbon (mg/L)		6.9	0.7 U	0.7 U	0.5 U	42	2.5	± 0.79	55
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	2 U	430	17	± 8.1	55
Chloride (mg/L)		↑ 22.9	1.1	1.7	1 U	3	3.2	± 0.44	55
Turbidity (field) (NTU)		3.5	2.6	0.7	0	962	24	± 23	42
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	0.45	0.21	± 0.01	28

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166

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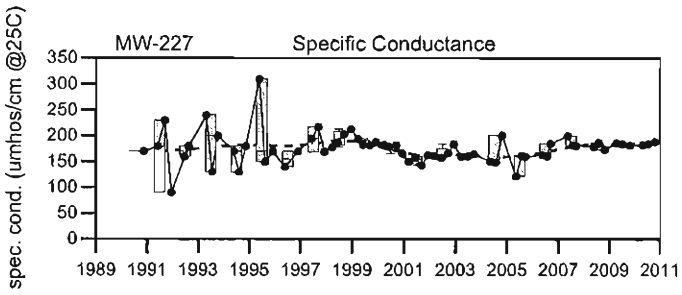
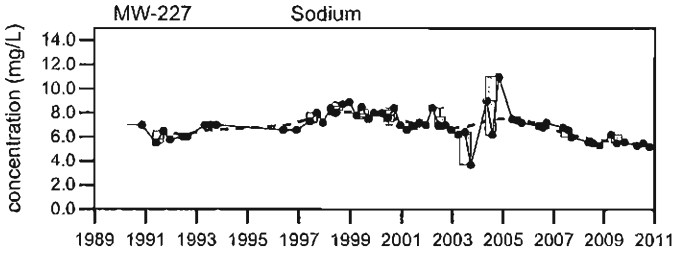
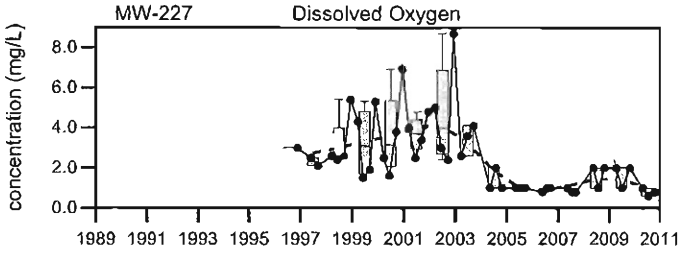
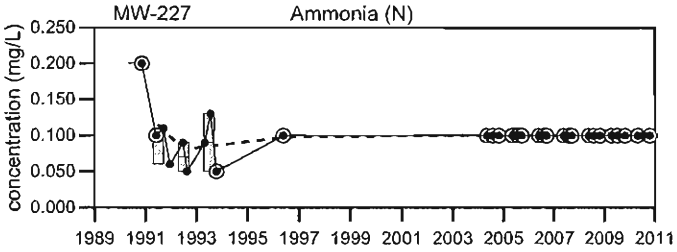
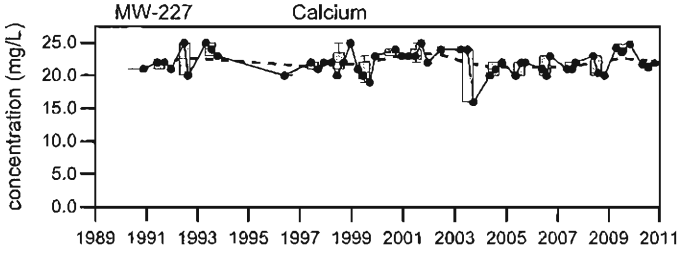
SME Sevee & Maher Engineers, Inc.

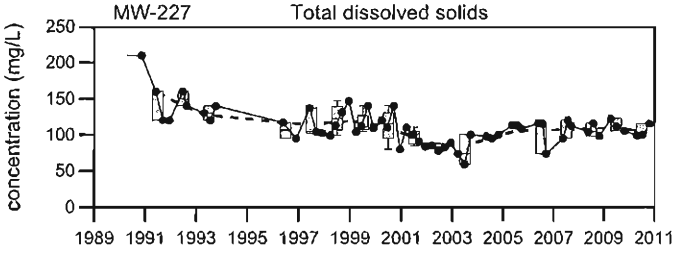


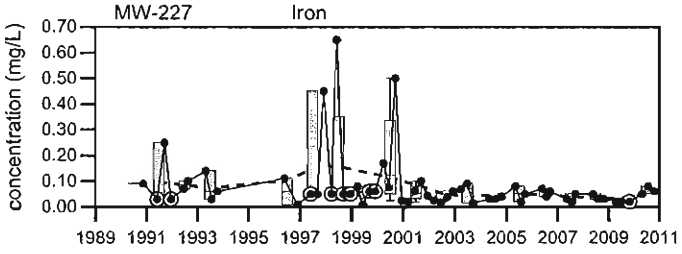


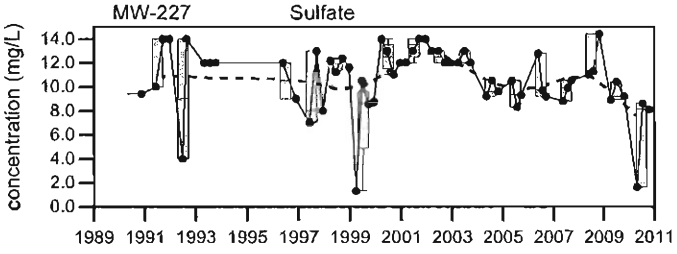


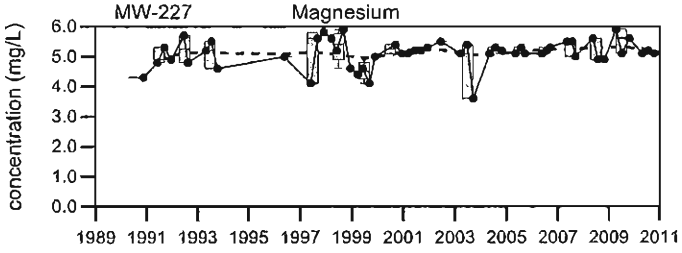


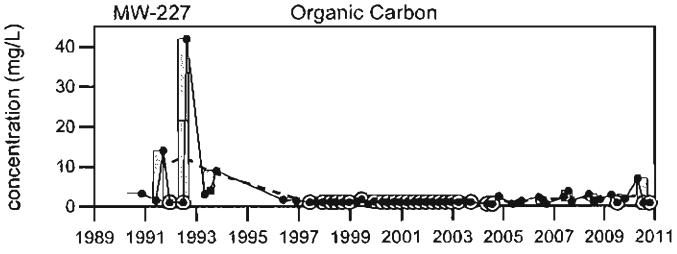


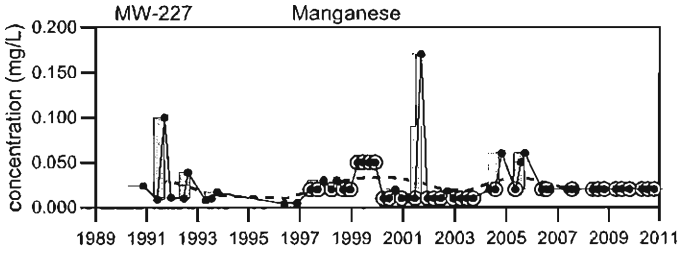


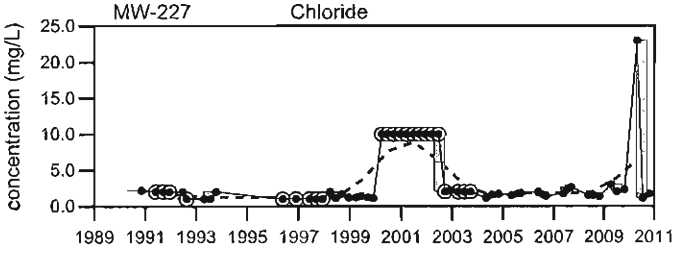












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-227

Sevee & Maher Engineers, Inc.

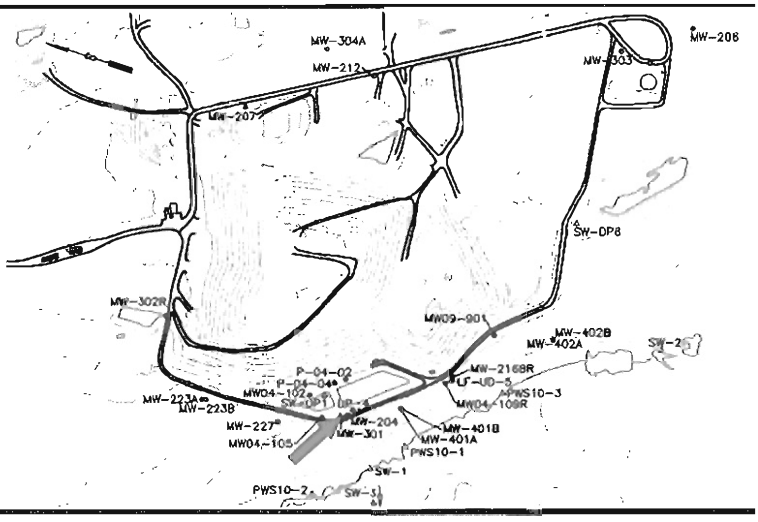
MW-301

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-301 monitors the water quality within the bedrock, downgradient of the landfill.



Screen Interval: **162.7 ft. to 182.7 ft.**

Sampled: **3 Times Annually**

Sampled Since: **11/25/96**

Material Screened: **Bedrock**

Well Condition: **Good**

Sampling Method: **Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	Historical SE	Historical n
Water Level Elevation (Feet)		↓ 161.16	↓ 161.2	↓ 161.4	161.52	to 166.36	160	± 0.31	38
Specific Conductance (µmhos/cm @25°C)		183	137	↑ 340	82	to 276	170	± 4.8	42
pH (Standard Units)		7.9	↓ 7	7.3	7.1	to 8.36	8	± 0.05	42
Alkalinity (CaCO3) (field) (mg/L)		100	105	60	45	to 120	79	± 4.5	18
Arsenic (mg/L)		0.005	0.005	0.007	0.001	to 0.008	0.0037	± 0.000	18
Cadmium (mg/L)		0.0002 U	0.0002 J	0.0002 U	0.0002 U	to 0.0006	0.0003	± 6E-05	15
Calcium (mg/L)		16.9	19.4	17.9	15	to 31.4	18	± 0.45	38
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to 0.003	0.0027	± 0.000	15
Iron (mg/L)		0.46	0.86	0.21	0.011	to 1.59	0.13	± 0.04	42
Magnesium (mg/L)		3.9	4.7	4.4	2.5	to 5.7	4.3	± 0.09	38
Manganese (mg/L)		0.03 J	0.02 J	0.02 J	0.001	to 0.05	0.022	± 0.002	42
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to 0.002	0.0021	± 7E-05	15
Potassium (mg/L)		0.7	0.8	0.7	0.5	to 1.2	0.82	± 0.04	18
Sodium (mg/L)		10.9	11.8	10.7	6.8	to 14.2	10	± 0.36	42
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.15 U	to 0.6	0.39	± 0.03	18
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.1 U	0.1	± 3E-10	18
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.7	0.13	± 0.03	18
Total Dissolved Solids (mg/L)		117	109	133	66	to 160	110	± 3	42
Total Suspended Solids (mg/L)		↑ 21	8	4 U	4 U	to 18	5.3	± 0.78	18
Sulfate (mg/L)		12.4	11.7	12.3	4.9	to 14.8	10	± 0.42	42
Bicarbonate (CaCO3) (mg/L)		72	73	76	72	to 91	77	± 1.1	18
Organic Carbon (mg/L)		1.9 J	0.7 U	0.7 U	0.5 U	to 5.7	1.3	± 0.14	42
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	2 U	to 12	5.9	± 0.61	42
Chloride (mg/L)		2.6	1.4	1.5	1 U	to 6	3.4	± 0.52	42
Turbidity (field) (NTU)		4.2	2.6	0	0	to 18	1.7	± 0.63	39
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to 0.21	0.2	± 0.000	18

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 156

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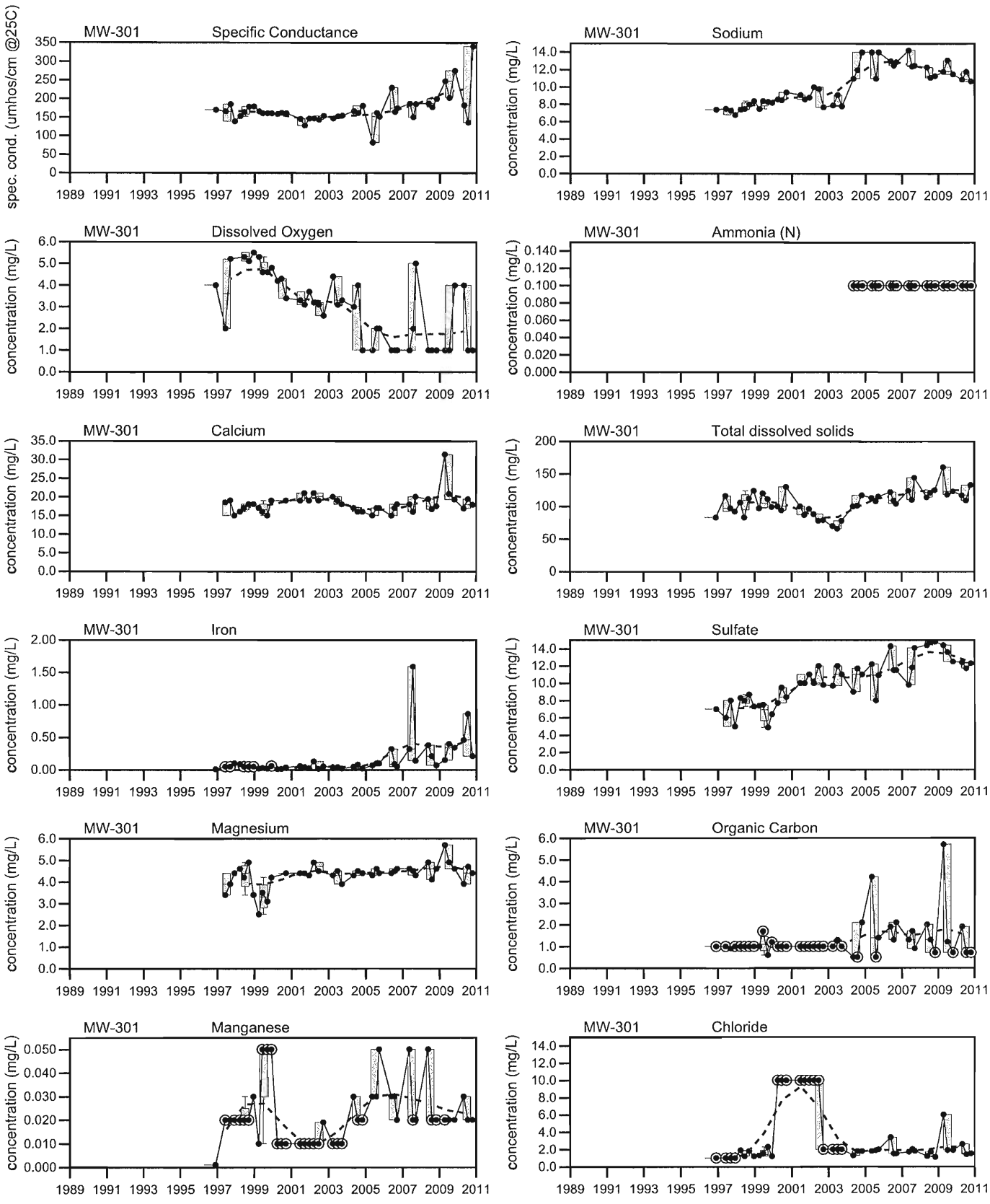
SME Sevee & Maher Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-301

Sevee & Maher Engineers, Inc.

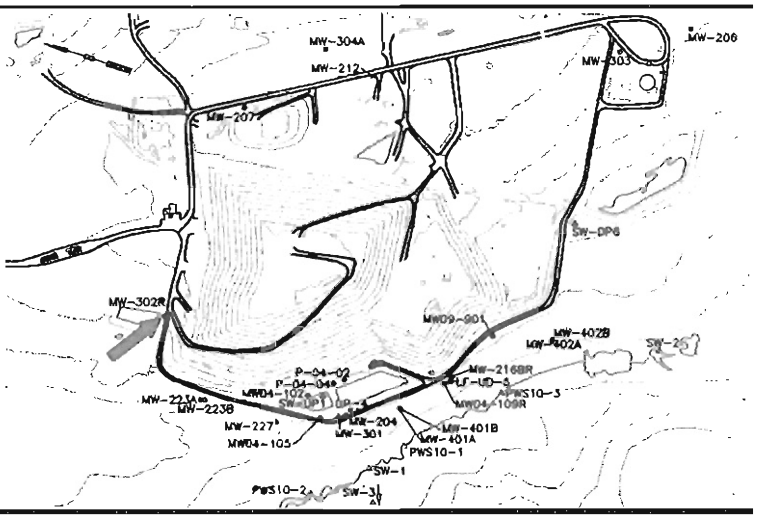
MW-302R

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-302R monitors the water quality in the shallow bedrock beside the landfill, but not directly downgradient of the landfill.



Screen Interval:	**19.5 ft. to 29.5 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**May 2008**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

	2010				Historical				
Indicator Parameters	Q1	Q2	Q3	Q4	Min	Max	Mean	SE	n
Water Level Elevation (Feet)		199.33	↓ 190.95	198.81	198.4	to 201.86	200	± 0.57	6
Specific Conductance (µmhos/cm @25°C)		↓ 167	↑ 475	↑ 502	184	to 470	270	± 41	6
pH (Standard Units)		6.4	↓ 6	6.5	6.1	to 6.9	6.5	± 0.14	6
Alkalinity (CaCO3) (field) (mg/L)		135	↑ 165	130	75	to 140	110	± 12	6
Arsenic (mg/L)		0.002 J	↑ **0.014**	0.008	0.002 U	to 0.008	0.0038	± 0.001	6
Cadmium (mg/L)		0.0002 U	0.0002 J	0.0002 U	0.0002 U	to 0.001 U	0.00033	± 0.000	6
Calcium (mg/L)		↓ 17.6	58	↑ 66.2	24.1	to 60.4	37	± 5.3	6
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to 0.01 U	0.0028	± 0.002	6
Iron (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to 0.19	0.07	± 0.03	6
Magnesium (mg/L)		↓ 1.4	4.5	↑ 5.3	1.9	to 4.9	2.7	± 0.46	6
Manganese (mg/L)		0.02 J	0.02 U	0.03 J	0.02 U	to 0.06	0.027	± 0.007	6
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to 0.002	0.0022	± 0.000	6
Potassium (mg/L)		↓ 0.5	1.2	1.6	0.7	to 2	1.2	± 0.19	6
Sodium (mg/L)		↓ 6	**20.3**	**22**	6.6	to 22.9	10	± 2.6	6
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.3 U	to 0.5 U	0.43	± 0.04	6
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.1 U	0.1	± 8E-10	6
Nitrate (N) (mg/L)		0.1 J	↑ 1.4	↑ 1.6	0.1 U	to 0.7	0.3	± 0.09	6
Total Dissolved Solids (mg/L)		↓ 78	↑ 318	↑ 327	144	to 306	190	± 26	6
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to 4	4	± 0	6
Sulfate (mg/L)		6.9	18	21.7	5.6	to 22.9	11	± 2.5	6
Bicarbonate (CaCO3) (mg/L)		46	106	96	44	to 116	73	± 11	6
Organic Carbon (mg/L)		↓ 1 J	↓ 0.8 J	↓ 0.9 J	1.2	to 3.1	1.7	± 0.31	6
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	3 U	to 5	3.3	± 0.33	6
Chloride (mg/L)		↓ 12.8	↑ 56.1	↑ 60.8	20.8	to 55.9	29	± 5.5	6
Turbidity (field) (NTU)		1.2	0.4	0	0	to 3.1	1.2	± 0.46	6
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to 0.2 U	0.2	± 2E-09	6

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ Indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 168
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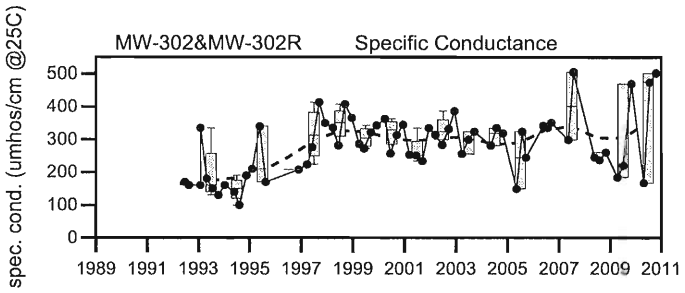
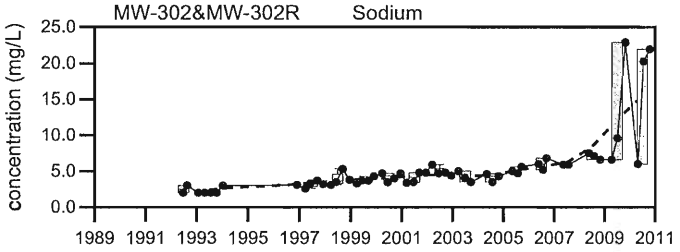
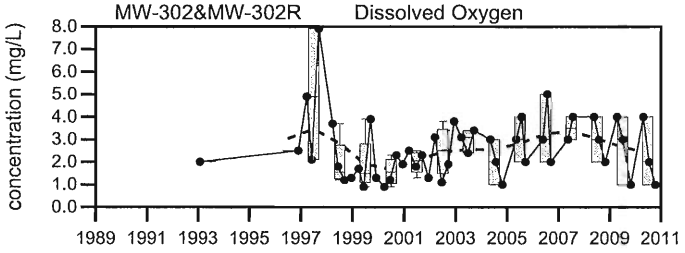
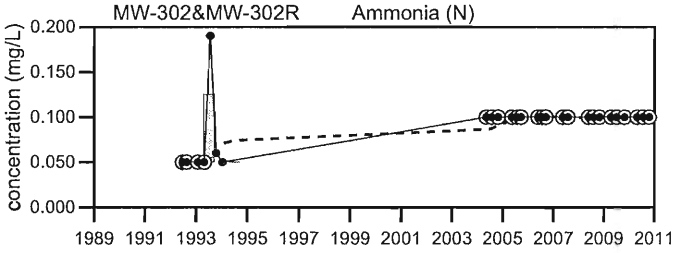
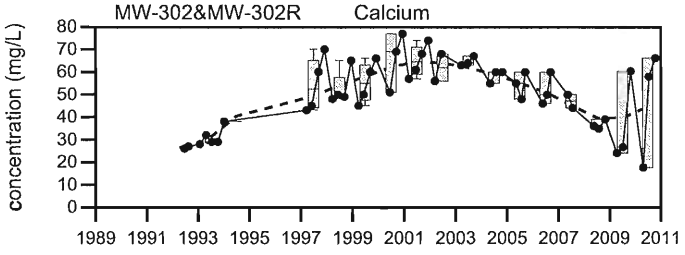
SME
Sevee & Maher Engineers, Inc.

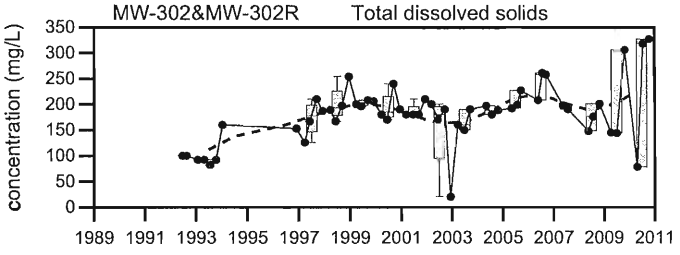


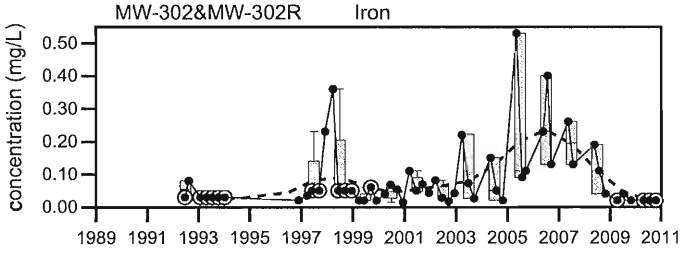


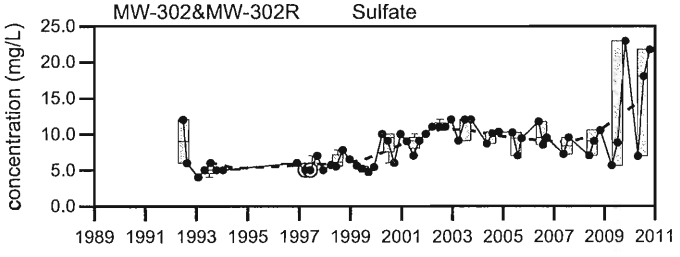


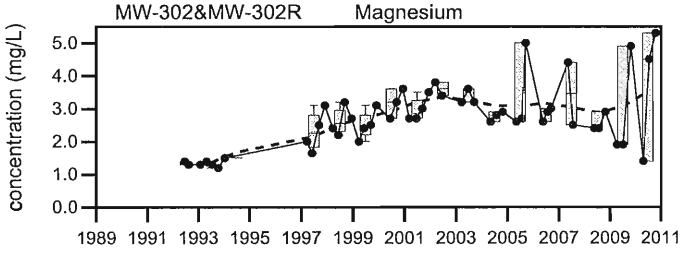


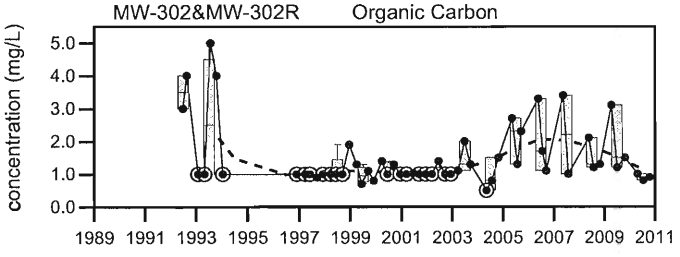


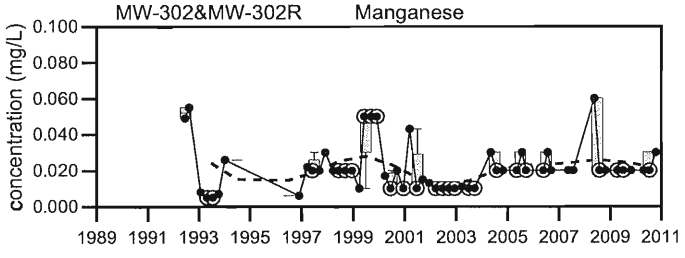


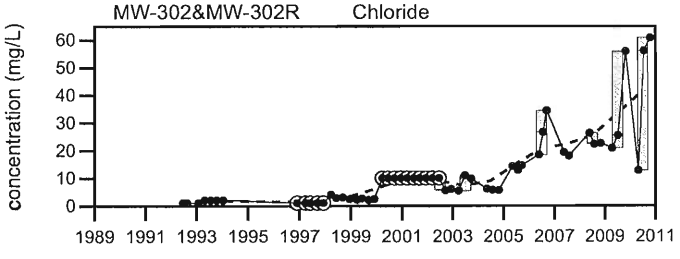












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-302&MW-302R

Sevee & Maher Engineers, Inc.

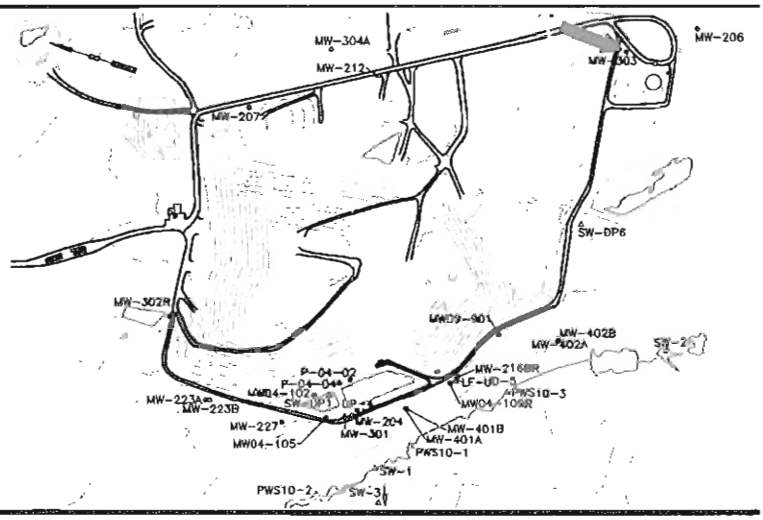
MW-303

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-303 monitors the background overburden water quality at the site.



Screen Interval:	**34.7 ft. to 44.7 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**11/26/96**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	SE	n
Water Level Elevation (Feet)		186.27	181.07	176.97	176.7	188.12	180	± 0.5	43
Specific Conductance (µmhos/cm @25°C)		↑ 196	↑ 201	↑ 175	33	163	63	± 4.4	46
pH (Standard Units)		6.3	↓ 5.8	6.7	6.1	7.5	6.9	± 0.05	46
Alkalinity (CaCO3) (field) (mg/L)		55	75	50	20	85	39	± 4	18
Arsenic (mg/L)		0.002 J	0.007	0.006	0.001 U	0.007	0.0022	± 0.000	18
Cadmium (mg/L)		0.0002 U	0.0002 J	0.0002 U	0.0002 U	0.0006	0.00027	± 5E-05	17
Calcium (mg/L)		17.6	↑ 19.7	↑ 20	2.8	18.2	5.8	± 0.55	41
Copper (mg/L)		0.001 U	0.001 J	0.004	0.001 U	0.007	0.0027	± 0.000	17
Iron (mg/L)		0.02 U	0.02 U	0.05	0.018	1	0.12	± 0.03	46
Magnesium (mg/L)		7.9	↑ 8.2	7.4	0.61	8.1	2.4	± 0.26	41
Manganese (mg/L)		0.02 U	0.02 U	0.03 J	0.01 U	0.03	0.019	± 0.001	46
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	0.002	0.0021	± 6E-05	17
Potassium (mg/L)		0.7	0.8	0.7	0.2	1	0.56	± 0.05	18
Sodium (mg/L)		6	6.5	6.8	1.9	7.3	3.8	± 0.15	46
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.15 U	0.66	0.51	± 0.1	18
Ammonia (N) (mg/L)		0.1 J	0.1 U	0.1 U	0.1 U	0.1 U	0.1	± 3E-10	18
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.11	± 0.006	18
Total Dissolved Solids (mg/L)		108	115	111	11	120	54	± 3.6	46
Total Suspended Solids (mg/L)		4 U	4 U	↑ 6	4 U	5	4.1	± 0.06	18
Sulfate (mg/L)		1.5 J	1.2 J	↓ 0.8 J	1	10	2.5	± 0.25	46
Bicarbonate (CaCO3) (mg/L)		↑ 89	↑ 91	82	22	86	37	± 5	18
Organic Carbon (mg/L)		1.7 J	0.7 U	0.7 U	0.5 U	2.2	1.1	± 0.05	46
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	2 U	10	6.4	± 0.6	46
Chloride (mg/L)		↑ 8.3	↑ 4.5	3.5	1 U	4.1	3.7	± 0.51	46
Turbidity (field) (NTU)		0.8	0.5	1.5	0	999	37	± 23	43
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	± 7E-10	16

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

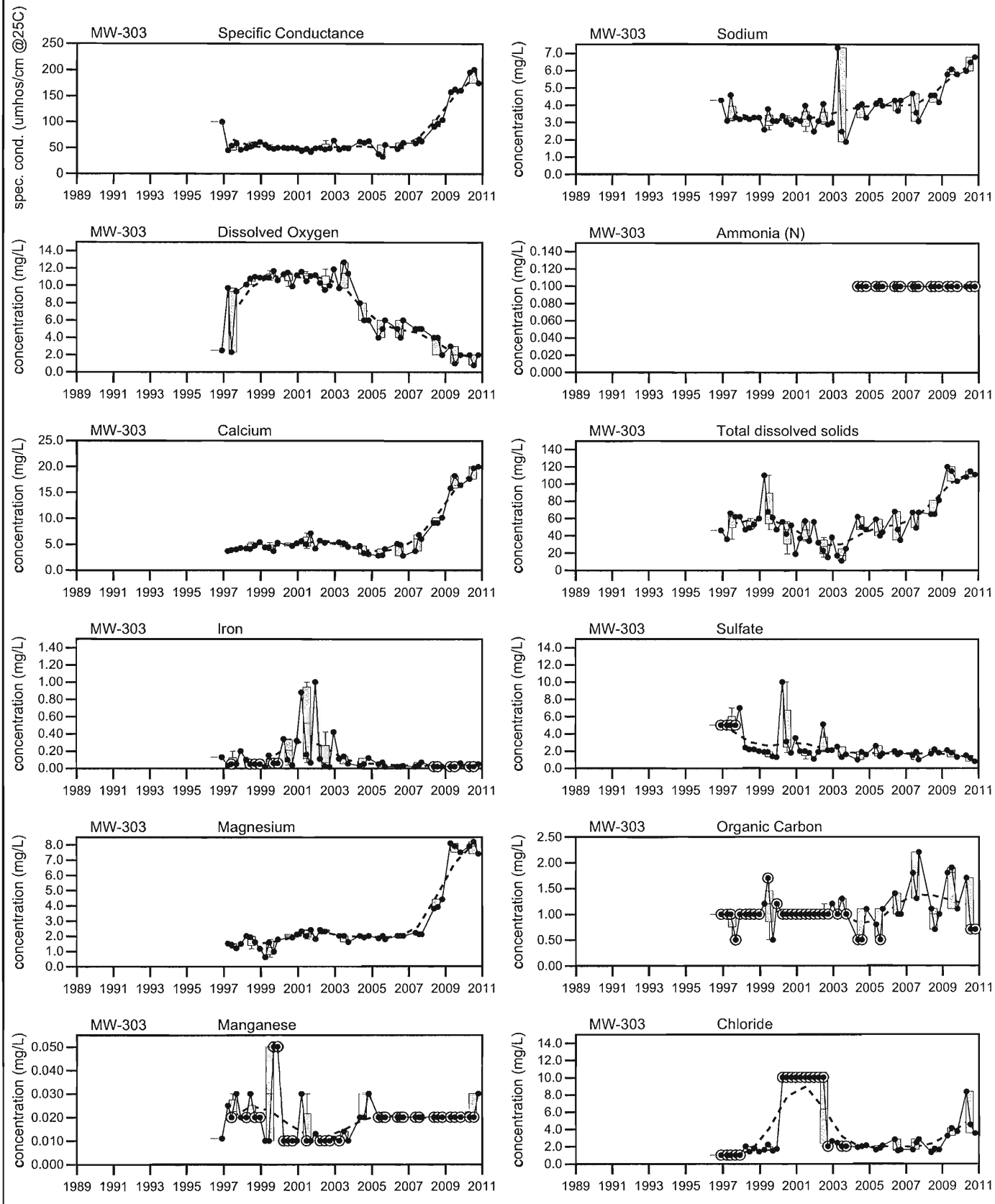
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Stone & Webster Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-303

Sevee & Maher Engineers, Inc.

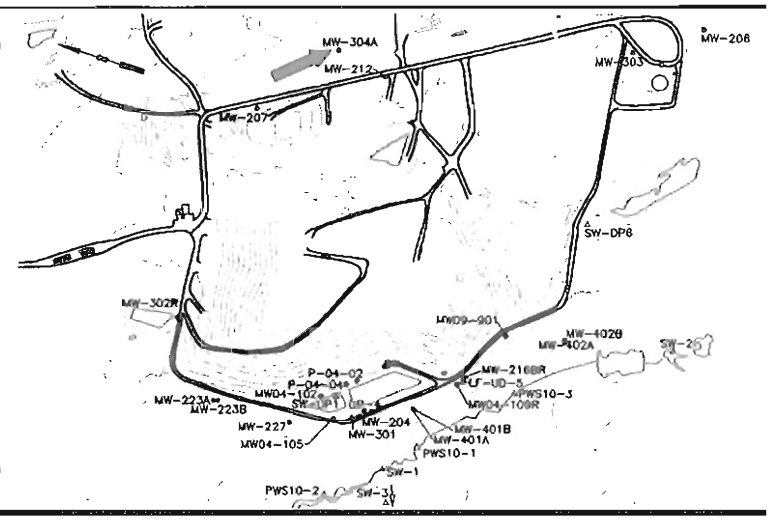
MW-304A

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-304A monitors the water quality in the upper portion of the bedrock, upgradient of the landfill.



Screen Interval: **29.5 ft. to 39.5 ft.**

Sampled: **3 Times Annually**

Sampled Since: **07/29/04**

Material Screened: **Bedrock**

Well Condition: **Good**

Sampling Method: **Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	Historical SE	Historical n
Water Level Elevation (Feet)		191.21	187.41	↓184.5	186.57	194.32	190	0.5	17
Specific Conductance (µmhos/cm @25°C)		97	122	116	58	207	120	9.1	17
pH (Standard Units)		6.5	6.4	7.4	6.3	7.8	7.1	0.1	17
Alkalinity (CaCO3) (field) (mg/L)		40	50	50	20	100	56	5.3	17
Arsenic (mg/L)		0.002 U	↑0.005	0.003 J	0.001 U	0.003	0.0017	0.000	17
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	0.007	0.00074	0.000	17
Calcium (mg/L)		9.5	13.8	14.5	6.2	19	12	0.74	17
Copper (mg/L)		0.001 U	0.001 U	0.004	0.001 U	0.009	0.0033	0.000	17
Iron (mg/L)		0.02 U	0.02 U	↑0.26	0.02 U	0.1	0.045	0.007	17
Magnesium (mg/L)		2.4	3.3	3.4	2.3	5.1	3.6	0.21	17
Manganese (mg/L)		0.02 U	0.02 U	0.09	0.02 U	0.2	0.039	0.01	17
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	0.006	0.0025	0.000	17
Potassium (mg/L)		0.5	0.7	0.7	0.3	3.2	1	0.16	17
Sodium (mg/L)		↓2.9	3.4	3.6	3.3	23	6.4	1.3	17
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.15 U	0.44	0.52	0.11	17
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 J	0.1 U	0.1 U	0.1	0	17
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.12	0.01	17
Total Dissolved Solids (mg/L)		↓54	68	70	55	130	80	4.4	17
Total Suspended Solids (mg/L)		4 U	4 U	↑259	4 U	17	5.2	0.87	17
Sulfate (mg/L)		2.6	2.5	2.4	1.5	8.8	3.7	0.39	17
Bicarbonate (CaCO3) (mg/L)		41	49	45	37	92	53	3.3	17
Organic Carbon (mg/L)		0.7 U	0.7 U	0.7 U	0.5 U	4	1.4	0.24	17
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	3 U	10	4.2	0.52	17
Chloride (mg/L)		↑3.5	3.2	2.3	1	3.3	2	0.13	17
Turbidity (field) (NTU)		0.4	0.4	↑9.2	0	5.5	0.82	0.32	17
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	0.45	0.22	0.02	15

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=Insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

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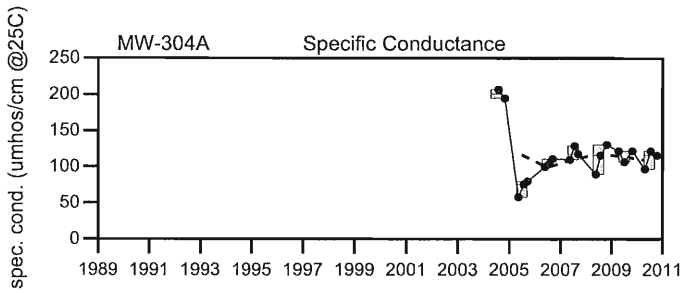
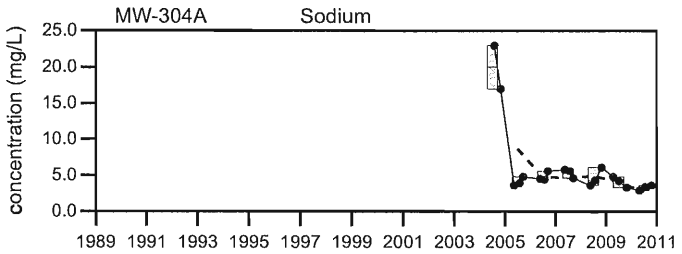
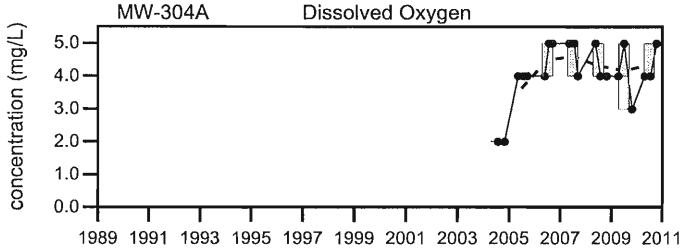
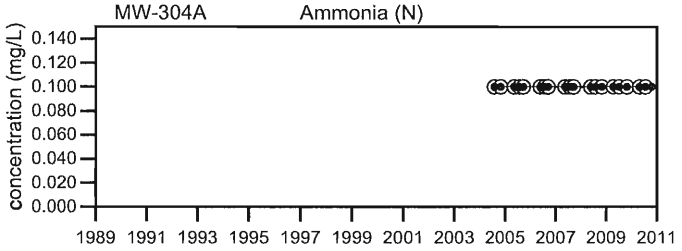
Printed: 2/8/2011 13:57

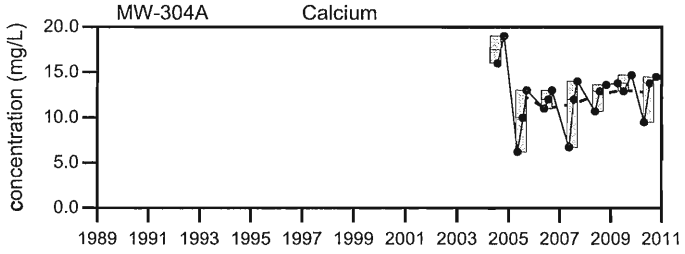
SME
Sevee & Maher Engineers, Inc

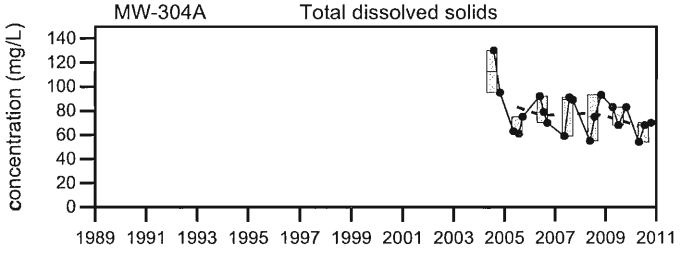


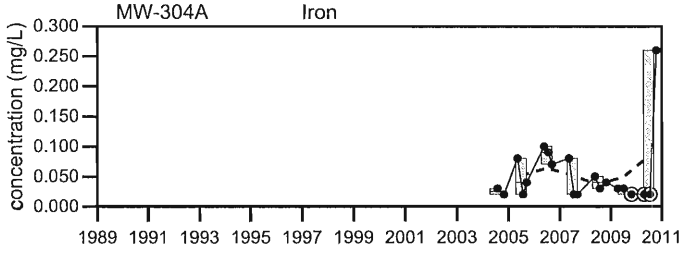


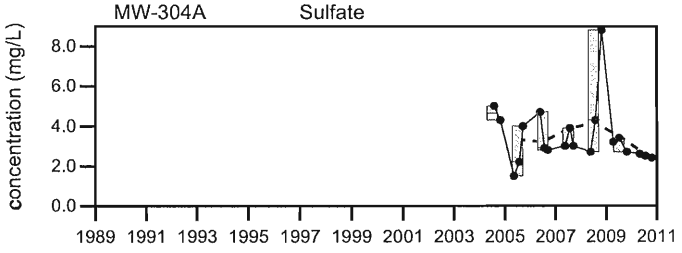


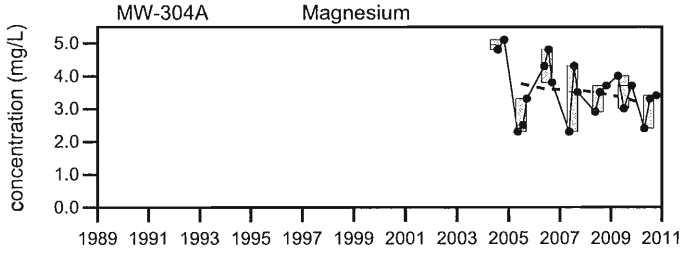


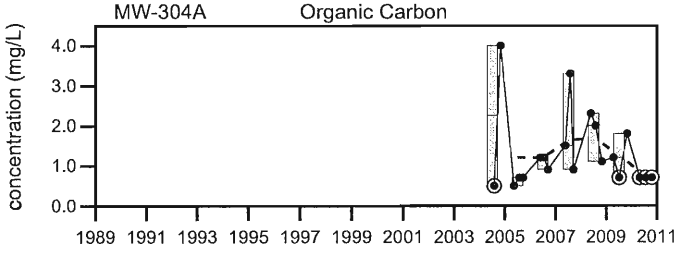


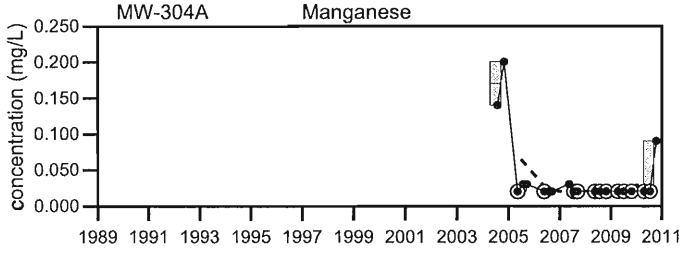


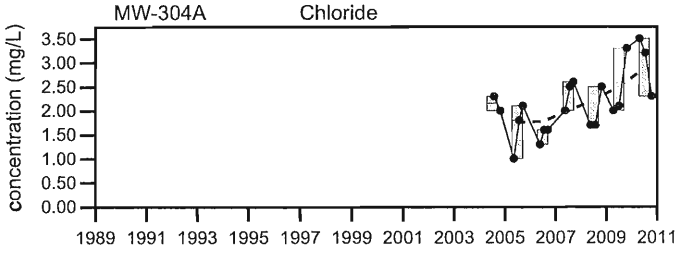












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-304A

Sevee & Maher Engineers, Inc.

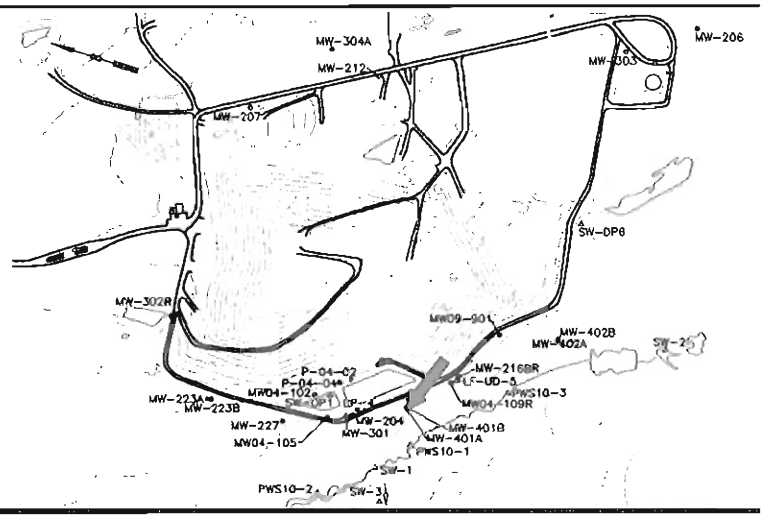
MW-401A

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-401A monitors bedrock water quality downgradient of the leachate pond.



Screen Interval:	**98.8 ft. to 108.8 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**07/29/04**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

	2010				Historical				
Indicator Parameters	Q1	Q2	Q3	Q4	Min	Max	Mean	SE	n
Water Level Elevation (Feet)		152.38	149.05	151.31	148.6	to 155.96	150	± 0.5	17
Specific Conductance (µmhos/cm @25°C)		122	125	↑ 191	73	to 165	120	± 4.8	17
pH (Standard Units)		8.3	7.9	7.8	7.6	to 8.5	8.1	± 0.07	17
Alkalinity (CaCO3) (field) (mg/L)		45	70	50	45	to 100	74	± 3.1	17
Arsenic (mg/L)		0.002 J	0.006	0.004 J	0.001 U	to 0.009	0.0036	± 0.000	17
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to 0.0023	0.00044	± 0.000	17
Calcium (mg/L)		14.5	14.6	15.8	11	to 15.9	14	± 0.33	17
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to 0.003	0.0024	± 0.000	17
Iron (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to 0.07	0.033	± 0.004	17
Magnesium (mg/L)		3.9	4	3.8	3.7	to 4.8	4.1	± 0.08	17
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to 0.03	0.022	± 0.001	17
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to 0.004	0.0023	± 0.000	17
Potassium (mg/L)		0.7	0.7	0.7	0.3	to 1.4	0.76	± 0.07	17
Sodium (mg/L)		3.5	3.6	4	3.2	to 5.2	4.2	± 0.15	17
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.4	0.3 U	0.3 U	to 0.53	0.44	± 0.04	17
Ammonia (N) (mg/L)		0.1 J	0.1 U	0.1 U	0.1 U	to 0.1 U	0.1	± 0	17
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.2	0.11	± 0.008	17
Total Dissolved Solids (mg/L)		79	88	89	68	to 116	88	± 2.9	17
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to 4 U	4	± 0	17
Sulfate (mg/L)		3	2.6	↓ 2.2	2.3	to 4.7	3	± 0.14	17
Bicarbonate (CaCO3) (mg/L)		57	60	56	51	to 64	56	± 0.84	17
Organic Carbon (mg/L)		2.1	0.7 U	0.7 U	0.5 U	to 6.3	2.1	± 0.44	17
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	3 U	to 9	3.8	± 0.41	17
Chloride (mg/L)		2.4	↓ 1	1.5	1.5	to 3.2	1.9	± 0.11	17
Turbidity (field) (NTU)		0	↑ 2	0	0	to 1.5	0.25	± 0.12	17
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to 0.41	0.21	± 0.01	15

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

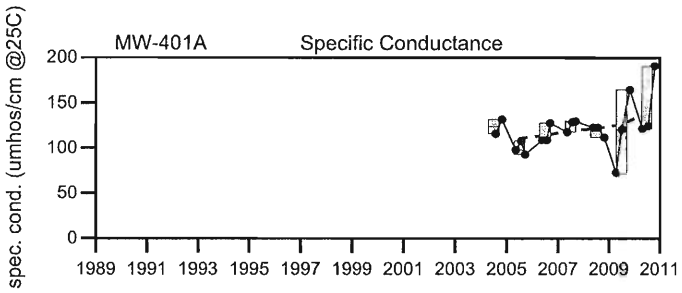
Comments

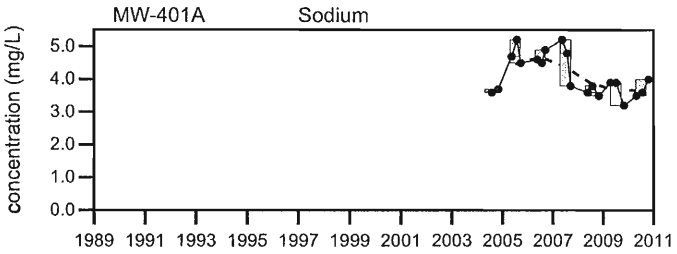
Q2= APRIL Q3= JULY Q4= OCTOBER

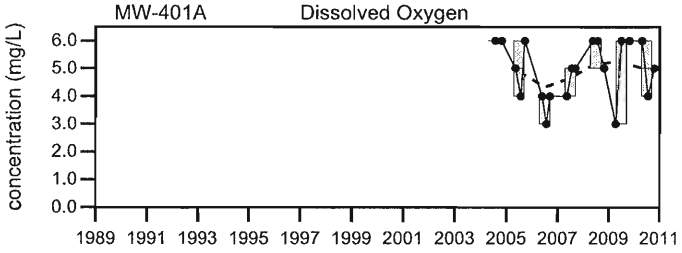
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

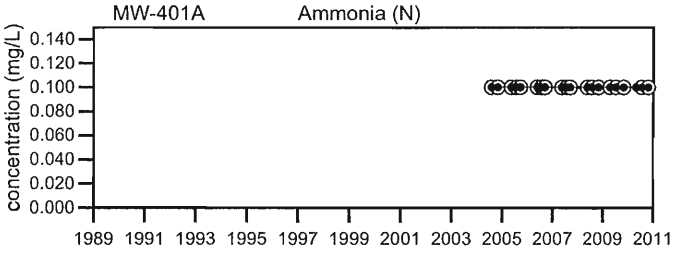
Data Group: 166
Printed: 2/8/2011 13:57

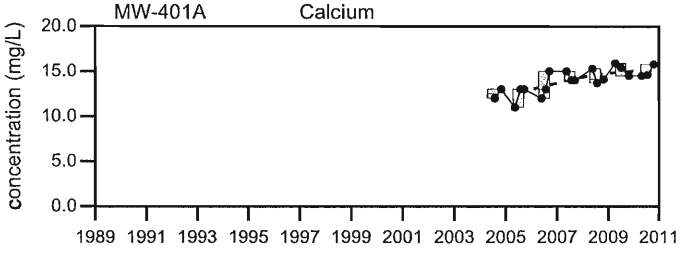
SME
Sevee & Maher Engineers, Inc.

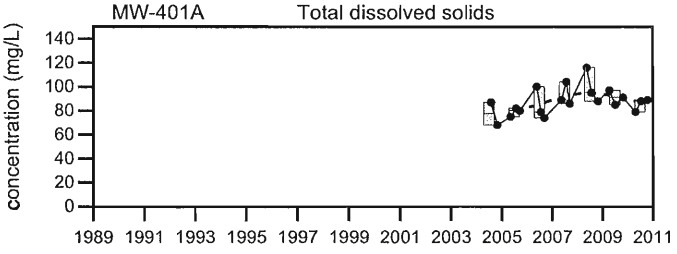


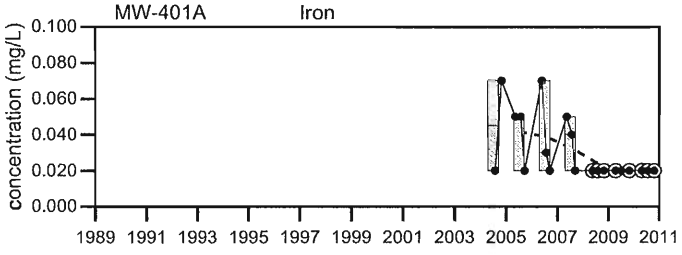


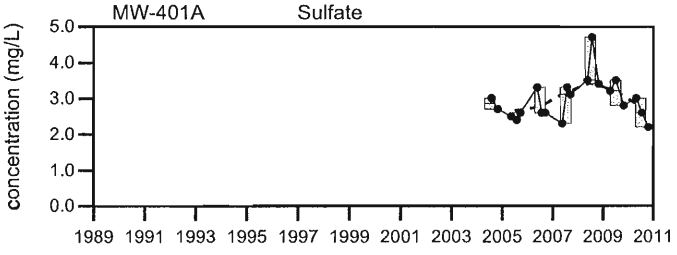


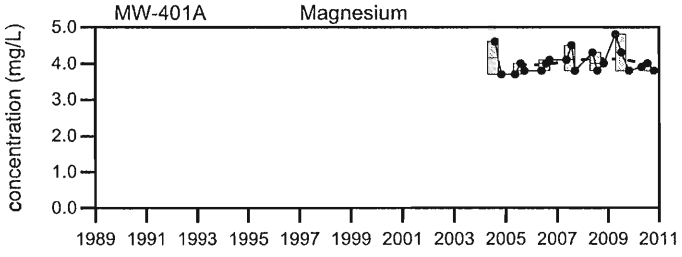


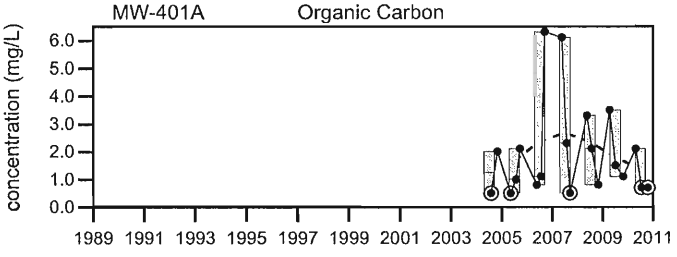


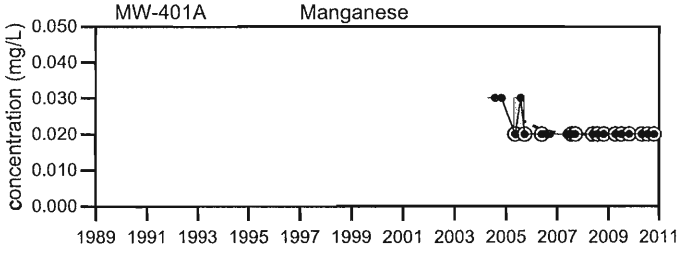


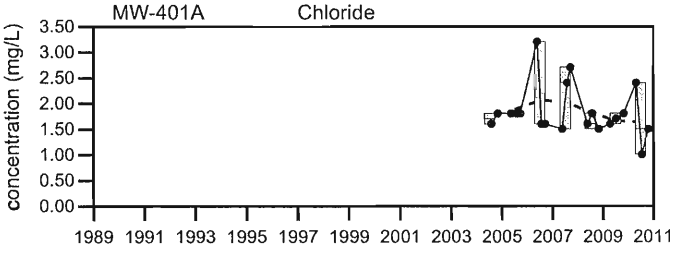












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-401A

Sevee & Maher Engineers, Inc.

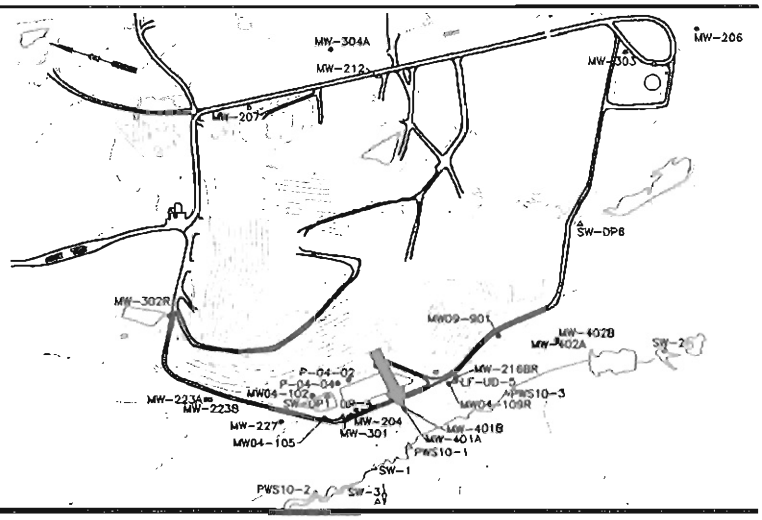
MW-401B

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-401B is located downgradient of the leachate pond and monitors groundwater quality in the overburden.



Screen Interval:	**10 ft. to 20 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**07/29/04**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Water Level Elevation (Feet)		150.62	149.77	150.5	148.47	to	150.97	150	±	0.16	17
Specific Conductance (µmhos/cm @25°C)		237	339	514	180	to	699	450	±	31	17
pH (Standard Units)		↑ 7.3	6.6	6	5.9	to	7.1	6.6	±	0.07	17
Alkalinity (CaCO3) (field) (mg/L)		100	180	100	80	to	335	190	±	20	17
Arsenic (mg/L)		**0.012**	↑ **0.023**	**0.011**	0.002	to	0.016	0.0068	±	0.000	17
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0007	0.00029	±	5E-05	17
Calcium (mg/L)		↓ 29	37.2	38.5	31.1	to	100	53	±	4.7	17
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.005	0.0025	±	0.000	17
Iron (mg/L)		↓ 0.71	1.91	2.09	1.08	to	19	5.1	±	1.1	17
Magnesium (mg/L)		↓ 8	10.2	10.8	9.6	to	36	16	±	1.6	17
Manganese (mg/L)		↓ 0.13	0.18	0.17	0.14	to	2.9	0.65	±	0.21	17
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.005	0.0025	±	0.000	17
Potassium (mg/L)		1	1.3	1.5	0.9	to	3.2	1.8	±	0.15	17
Sodium (mg/L)		↓ 9.8	12.9	15.6	10.6	to	33	21	±	1.6	17
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.57	0.3 U	0.24	to	3.2	0.58	±	0.17	17
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1 U	0.1	±	0	17
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.2	0.11	±	0.006	17
Total Dissolved Solids (mg/L)		↓ 142	208	204	178	to	488	290	±	20	17
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	36	7.5	±	1.9	17
Sulfate (mg/L)		↓ 10.6	12.5	13.5	11.3	to	69.2	30	±	3.7	17
Bicarbonate (CaCO3) (mg/L)		↓ 116	137	132	118	to	245	180	±	9.6	17
Organic Carbon (mg/L)		↓ 1.3 J	↓ 0.8 J	↓ 0.7 J	1.6	to	4.6	3.3	±	0.21	17
Chemical Oxygen Demand (mg/L)		4 J	3 U	3 U	3 U	to	17	5.9	±	0.89	17
Chloride (mg/L)		↓ 8	10.8	↓ 7.2	9.2	to	40.5	22	±	2.5	17
Turbidity (field) (NTU)		0	2.2	0	0	to	4.5	1.4	±	0.31	17
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.22	0.47	0.2 U	to	3.6	0.62	±	0.25	15

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

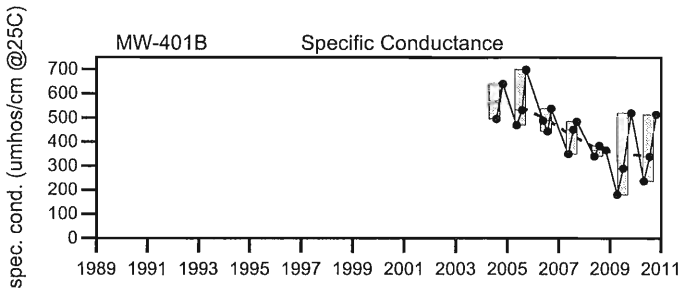
Comments

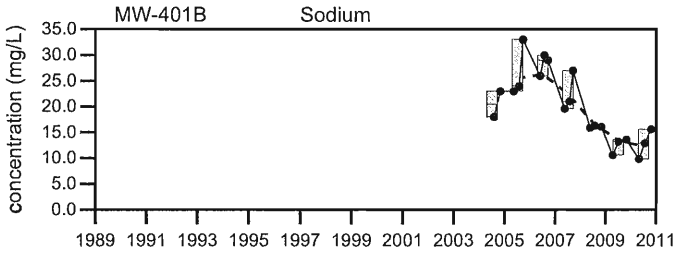
Q2= APRIL Q3= JULY Q4= OCTOBER

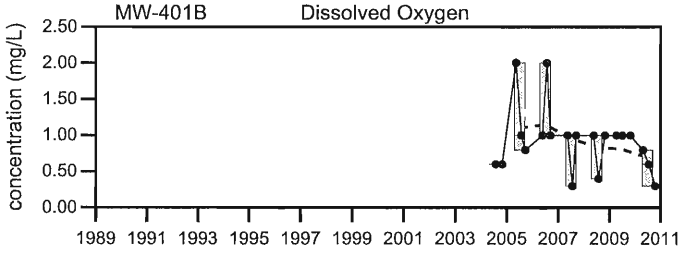
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

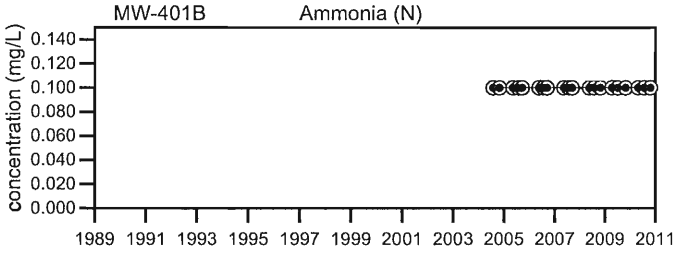
Data Group: 166
Printed: 2/8/2011 13:57

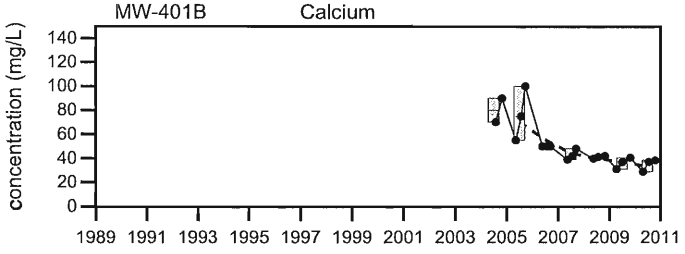
SME
Sewer & Water Engineers, Inc

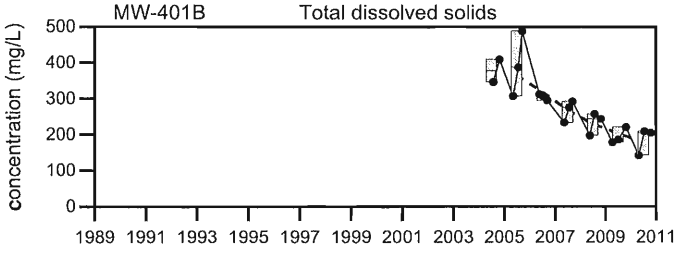


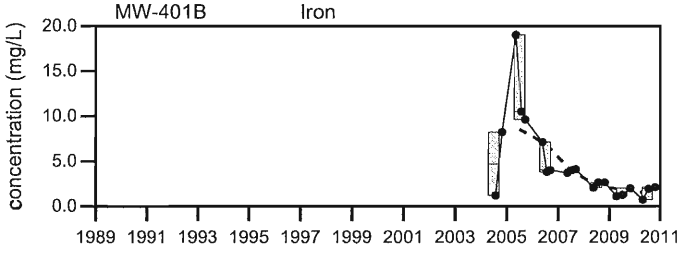


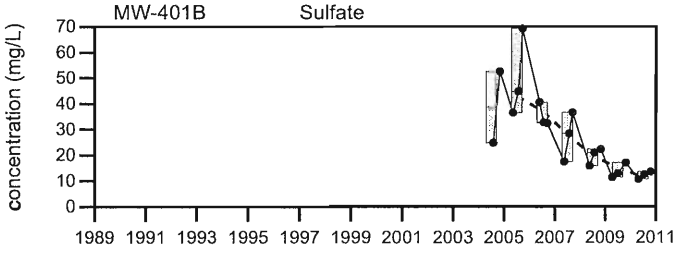


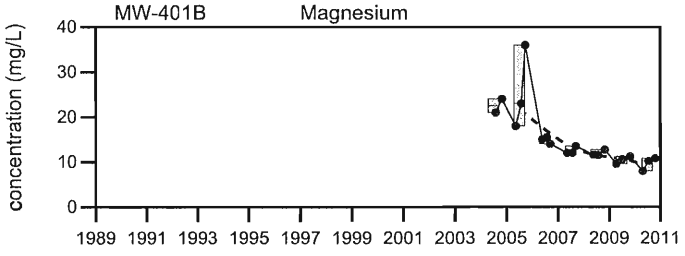


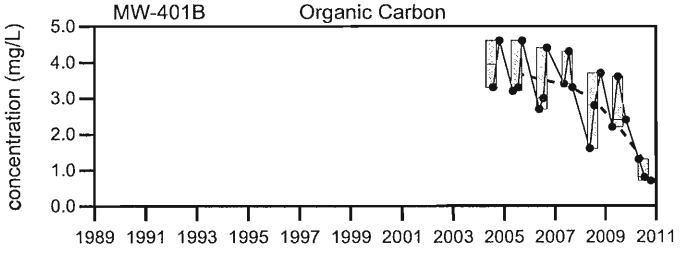


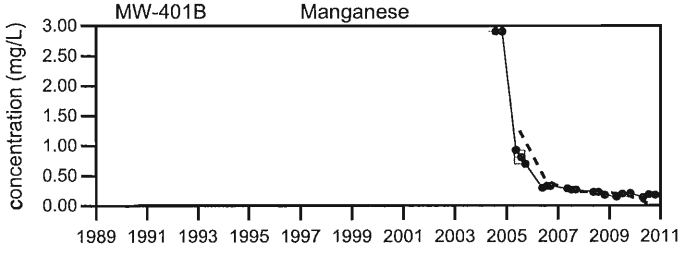


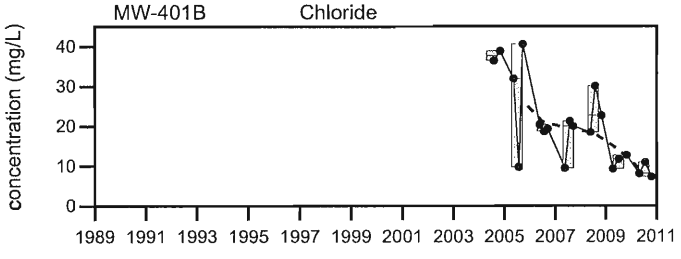












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-401B

Sevee & Maher Engineers, Inc.

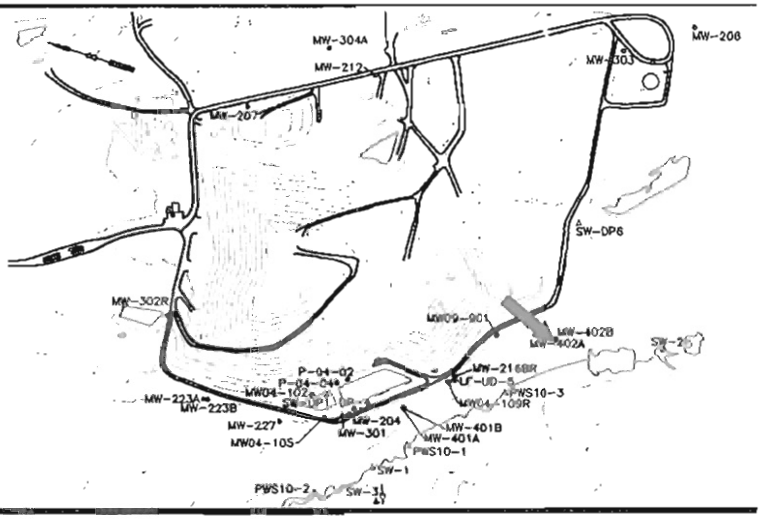
MW-402A

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-402A is located to the south of the leachate pond and existing landfill. This well monitors water quality within the bedrock.



Screen Interval:	**95.5 ft. to 105.5 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**07/29/04**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

	2010				Historical				
Indicator Parameters	Q1	Q2	Q3	Q4	Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		120	123	↑ 197	104	to 183	130	± 4.5	17
pH (Standard Units)		8.5	7.8	↓ 7.3	7.4	to 9.5	8.3	± 0.14	17
Alkalinity (CaCO3) (field) (mg/L)		45	70	35	30	to 75	54	± 3.5	17
Arsenic (mg/L)		**0.016**	**0.017**	**0.017**	0.012	to 0.028	0.016	± 0.000	17
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to 0.0003	0.00025	± 5E-05	17
Calcium (mg/L)		11	10.8	↑ 13.8	7.7	to 12.3	10	± 0.3	17
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to 0.003	0.0023	± 0.000	17
Iron (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to 0.08	0.027	± 0.004	17
Magnesium (mg/L)		2.8	2.8	3.2	2.6	to 3.2	2.9	± 0.04	17
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to 0.03	0.021	± 0.000	17
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to 0.008	0.0025	± 0.000	17
Potassium (mg/L)		0.6	0.6	0.7	0.3	to 1.3	0.66	± 0.05	17
Sodium (mg/L)		8	↓ 7.8	10.3	7.9	to 11	9.1	± 0.22	17
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.34	0.3 U	0.15 U	to 1	0.42	± 0.05	17
Ammonia (N) (mg/L)		0.1 J	0.1 U	0.1 U	0.1 U	to 0.1	0.1	± 0	17
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.1	0.1	± 0	17
Total Dissolved Solids (mg/L)		↓ 58	87	89	66	to 94	80	± 1.9	17
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to 4 U	4	± 0	17
Sulfate (mg/L)		5.6	4.7	4.2	3	to 7.4	4.9	± 0.29	17
Bicarbonate (CaCO3) (mg/L)		53	54	53	46	to 56	52	± 0.7	17
Organic Carbon (mg/L)		1.6 J	0.7 U	0.7 U	0.5 U	to 8.1	2	± 0.46	17
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	3 U	to 7	3.5	± 0.26	17
Chloride (mg/L)		2.3	↓ 1.2	1.5	1.4	to 3.1	1.9	± 0.13	17
Turbidity (field) (NTU)		0	2.2	0	0	to 3.7	0.32	± 0.22	17
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to 0.24	0.2	± 0.003	15

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

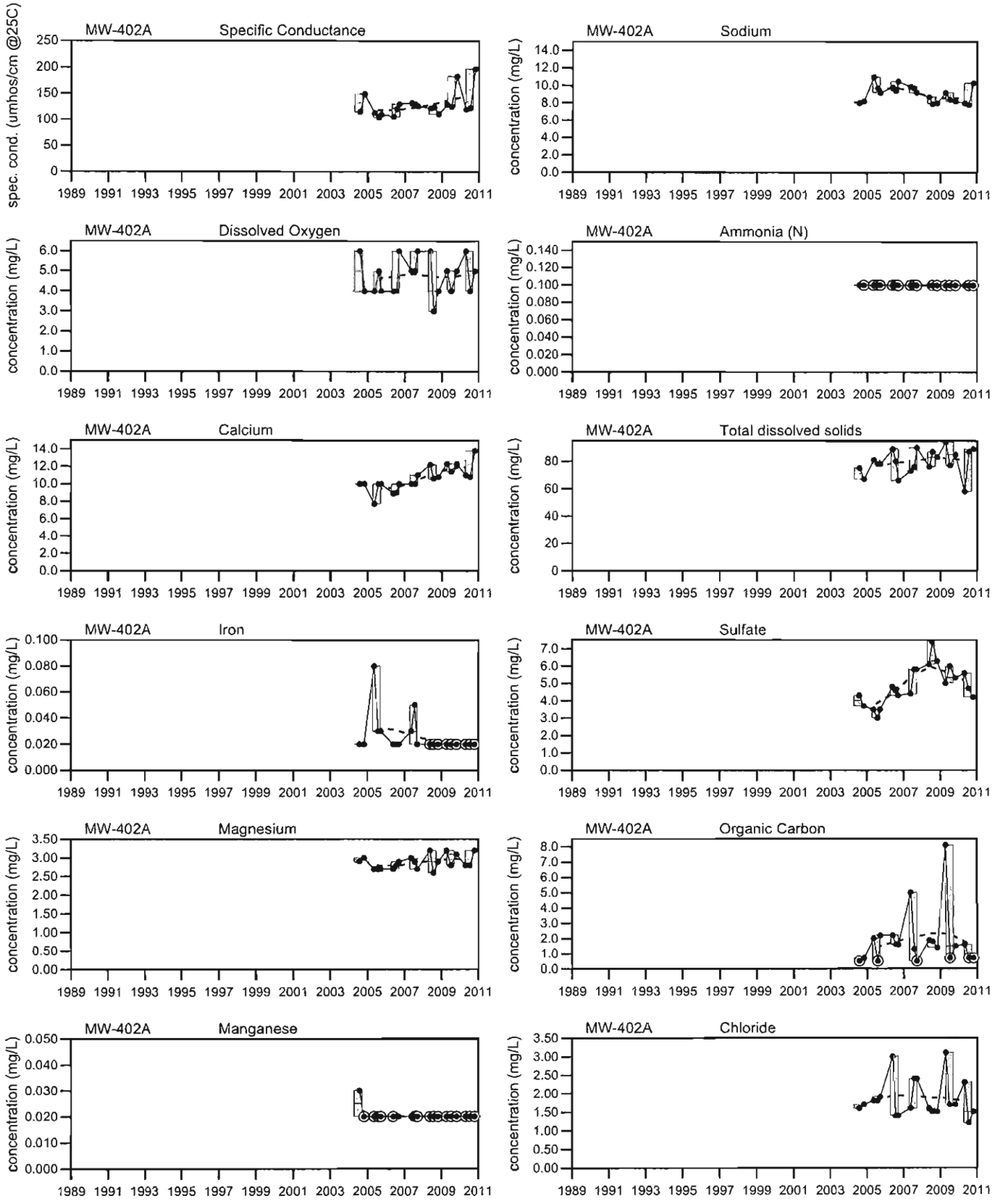
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Sewer & Water Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-402A

Sevee & Maher Engineers, Inc.

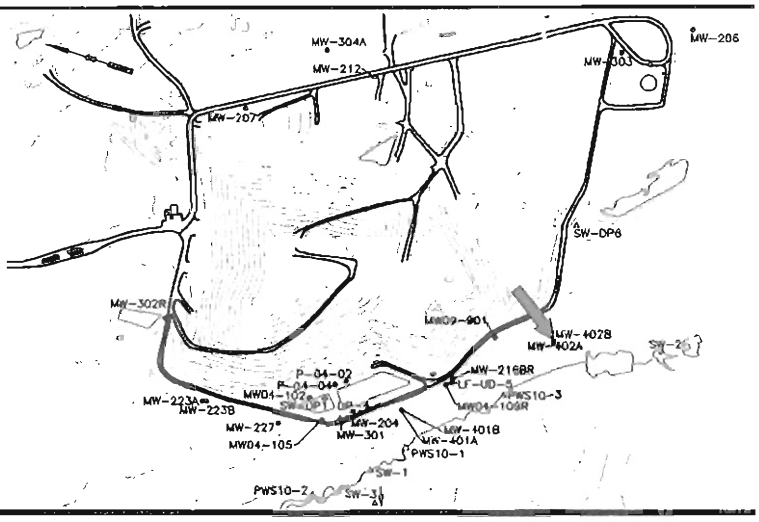
MW-402B

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

MW-402B is located to the south of the leachate pond and existing landfill. This well monitors water quality within the overburden.



Screen Interval:	**12 ft. to 22 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**07/29/04**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Water Level Elevation (Feet)		149.74	147.63	149.34	147.44	to	150.56	150	±	0.17	17
Specific Conductance (µmhos/cm @25°C)		150	154	↑ 246	96	to	215	150	±	5.9	17
pH (Standard Units)		8.7	8	7.2	7	to	9.1	8.4	±	0.13	17
Alkalinity (CaCO3) (field) (mg/L)		75	70	60	35	to	100	68	±	4.9	17
Arsenic (mg/L)		**0.017**	**0.018**	**0.018**	0.01	to	0.02	0.015	±	0.000	17
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0005	0.00028	±	5E-05	17
Calcium (mg/L)		14.5	14.5	↑ 17.2	14	to	16.9	15	±	0.2	17
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.003	0.0023	±	0.000	17
Iron (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to	0.07	0.028	±	0.004	17
Magnesium (mg/L)		4.8	4.8	5.1	4.7	to	5.5	5.1	±	0.06	17
Manganese (mg/L)		0.02 J	0.02 J	0.02 U	0.02 U	to	0.04	0.023	±	0.002	17
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.002	0.0021	±	6E-05	17
Potassium (mg/L)		0.6	0.7	0.8	0.4	to	2.2	0.81	±	0.1	17
Sodium (mg/L)		7.8	↓ 7.6	9.2	7.8	to	12	9.1	±	0.28	17
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.38	0.3 U	0.21	to	0.45	0.37	±	0.02	17
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.5	0.12	±	0.02	17
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1	0.1	±	0	17
Total Dissolved Solids (mg/L)		↓ 64	93	102	82	to	124	95	±	2.7	17
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	5	4.1	±	0.06	17
Sulfate (mg/L)		8	6.9	6.3	2.3	to	44.9	9.9	±	2.2	17
Bicarbonate (CaCO3) (mg/L)		68	69	65	34	to	79	65	±	2.2	17
Organic Carbon (mg/L)		3.5	0.7 U	0.7 U	0.5 U	to	5.2	1.7	±	0.33	17
Chemical Oxygen Demand (mg/L)		3 U	3 U	3 U	3 U	to	6	3.5	±	0.24	17
Chloride (mg/L)		2.5	↓ 1	1.5	1.4	to	26.5	3.4	±	1.4	17
Turbidity (field) (NTU)		0	↑ 2.8	0	0	to	1.9	0.28	±	0.15	17
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.26	0.2	±	0.004	15

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

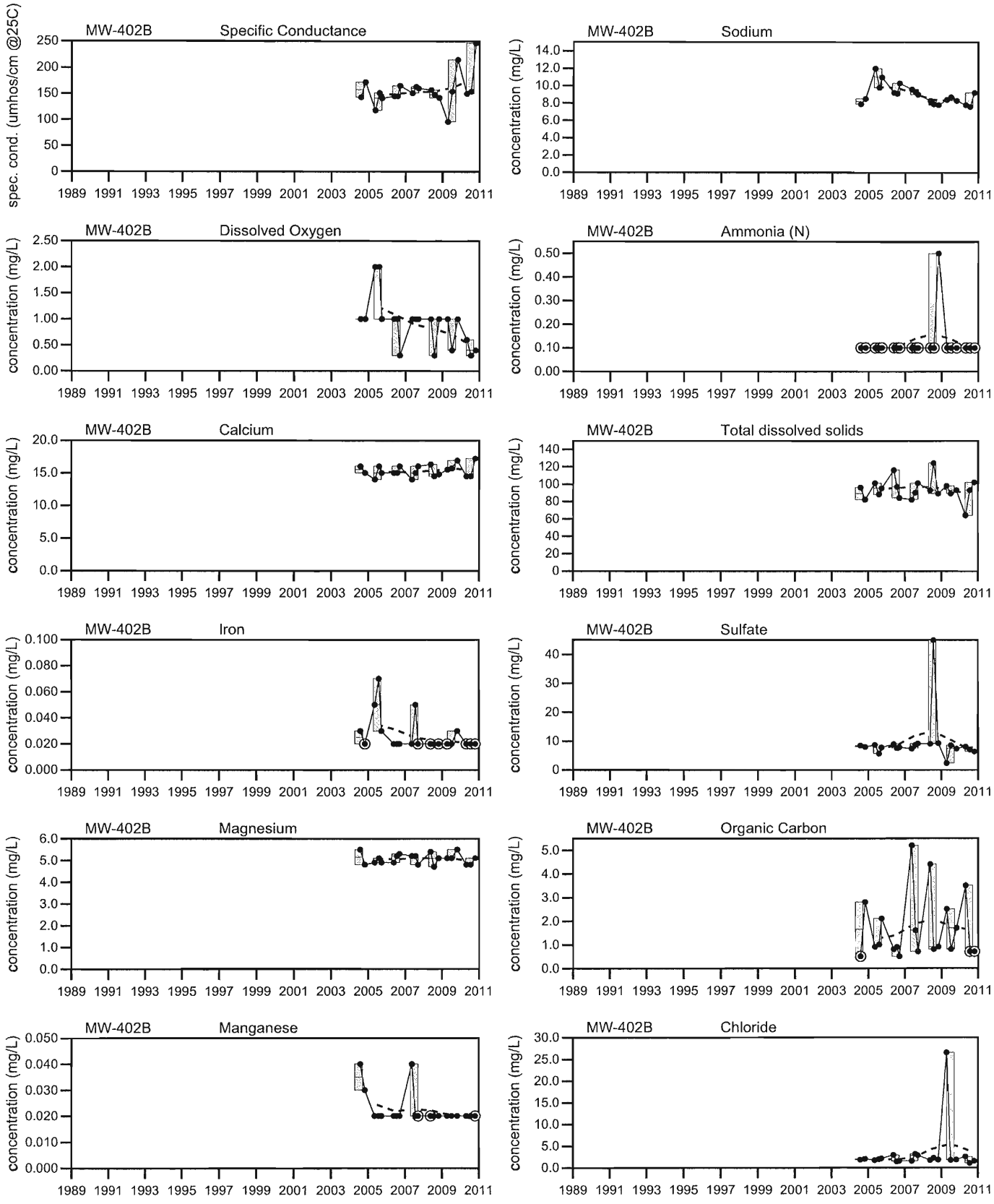
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Sevee & Maher Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

MW-402B

Sevee & Maher Engineers, Inc.

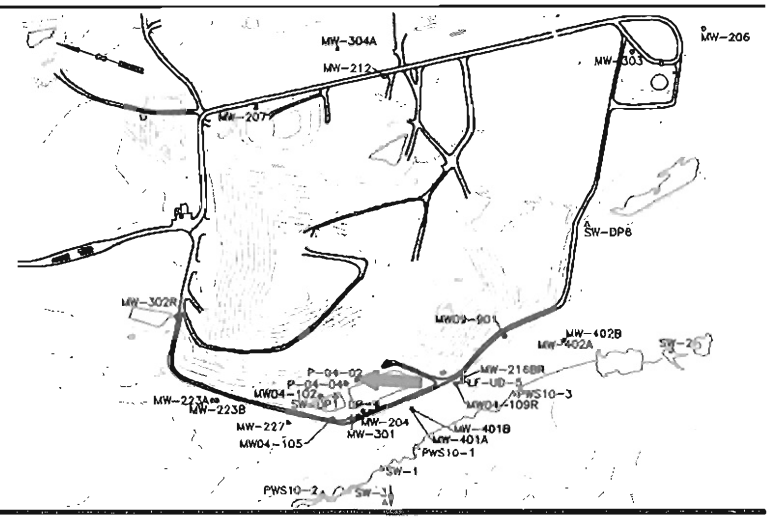
P-04-02

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

P-04-02 monitors the water quality in the overburden, between the leachate pond and landfill toe.



Screen Interval:	**32.11 ft. to 37.11 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**02/05/04**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

	2010				Historical				
Indicator Parameters	Q1	Q2	Q3	Q4	Min	Max	Mean	SE	n
Water Level Elevation (Feet)		160.93	160.49	160.24	141.57	to 161.72	160	± 1.2	20
Specific Conductance (µmhos/cm @25°C)		222	213	214	166	to 414	230	± 12	20
pH (Standard Units)		7.1	7.4	7.9	6.2	to 8.5	7.6	± 0.11	20
Alkalinity (CaCO3) (field) (mg/L)		↓ 50	115	↓ 55	60	to 135	100	± 5.1	18
Arsenic (mg/L)		0.009	0.009	0.009	0.001 U	to 0.009	0.0046	± 0.000	20
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to 0.0006	0.00031	± 6E-05	15
Calcium (mg/L)		22.6	23.6	27	11	to 28	24	± 0.91	20
Copper (mg/L)		0.002 J	0.001 U	0.001 U	0.001 U	to 0.004	0.0027	± 0.000	15
Iron (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to 1.32	0.15	± 0.07	20
Magnesium (mg/L)		6.5	7	7.4	4.7	to 8.3	7.2	± 0.2	20
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to 0.12	0.048	± 0.009	20
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to 0.003	0.0021	± 9E-05	15
Potassium (mg/L)		1.1	1.3	1.4	1.1	to 3.5	1.5	± 0.11	20
Sodium (mg/L)		↓ 6.5	↓ 6.6	7.6	6.7	to 73	16	± 3.8	20
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.22	to 0.73	0.47	± 0.05	18
Ammonia (N) (mg/L)		0.1 J	0.1 U	0.1 U	0.1 U	to 0.1 U	0.1	± 3E-10	20
Nitrate (N) (mg/L)		0.1 J	0.1 J	0.1 U	0.1 U	to 0.3	0.18	± 0.02	20
Total Dissolved Solids (mg/L)		↓ 113	121	130	114	to 275	140	± 7.5	20
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to 21	5.1	± 0.86	20
Sulfate (mg/L)		11.2	10.5	10.7	9.2	to 29	14	± 1	20
Bicarbonate (CaCO3) (mg/L)		95	93	↓ 90	91	to 178	100	± 4.3	20
Organic Carbon (mg/L)		0.8 J	0.7 U	0.7 U	0.5 U	to 10	2.3	± 0.5	20
Chemical Oxygen Demand (mg/L)		3 J	3 U	3 U	3 U	to 30	6	± 1.8	20
Chloride (mg/L)		3.1	↓ 1	1.3	1.2	to 7	2.2	± 0.27	20
Turbidity (field) (NTU)		0.6	2.5	0	0	to 80.6	5	± 4	20
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to 0.2 U	0.2	± 6E-10	18

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

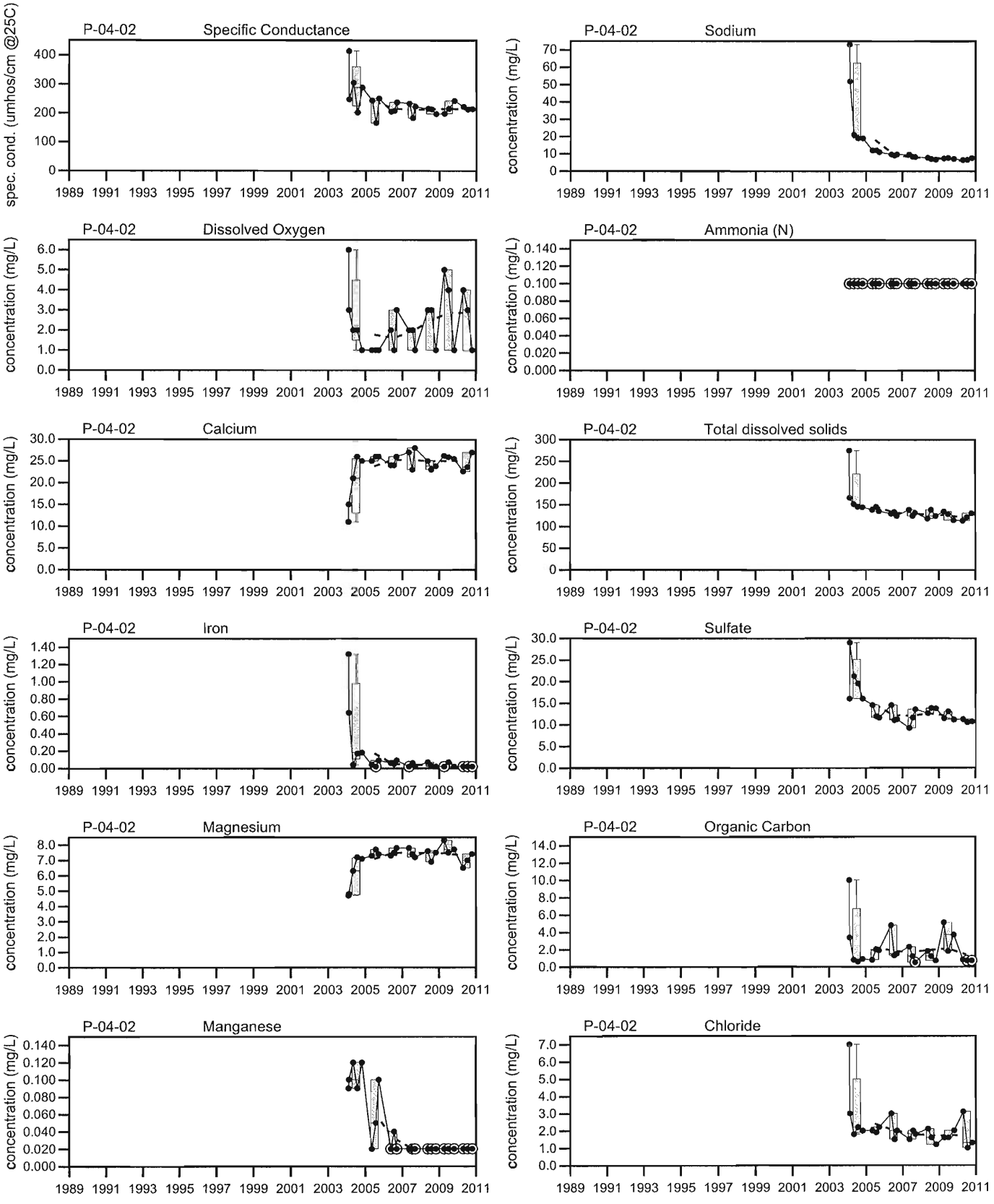
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Sevee & Maher Engineers, Inc



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

P-04-02

Sevee & Maher Engineers, Inc.

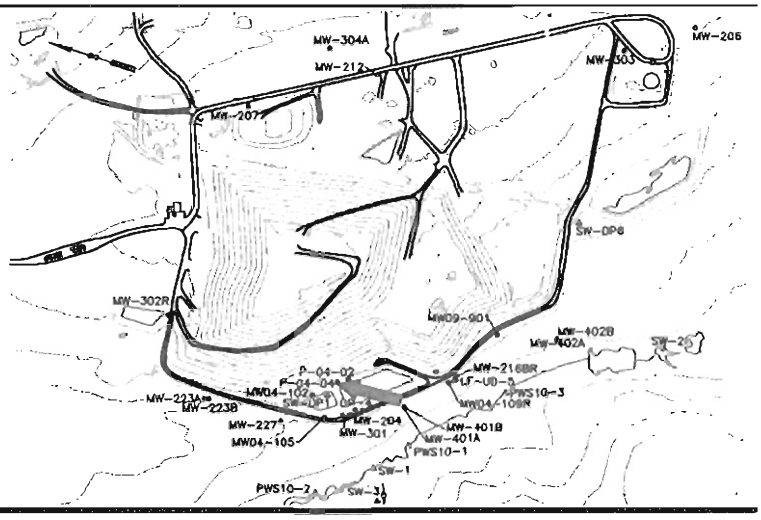
P-04-04

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

P-04-04 monitors the water quality in the overburden, between the leachate pond and landfill toe.



Screen Interval:	**27.21 ft. to 32.21 ft.**
Sampled:	**3 Times Annually**
Sampled Since:	**02/05/04**
Material Screened:	**Overburden**
Well Condition:	**Good**
Sampling Method:	**Low Flow**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Water Level Elevation (Feet)		160.9	160.45	160.35	140.18	to	161.85	160	±	1.2	20
Specific Conductance (µmhos/cm @25°C)		177	173	177	148	to	405	200	±	13	20
pH (Standard Units)		7.5	7.5	7.9	6.2	to	8.2	7.7	±	0.1	20
Alkalinity (CaCO3) (field) (mg/L)		60	95	50	40	to	130	85	±	7.1	18
Arsenic (mg/L)		0.007	0.008	0.008	0.001	to	0.009	0.0043	±	0.000	20
Cadmium (mg/L)		0.0002 U	0.0002 U	0.0002 U	0.0002 U	to	0.0004	0.00028	±	6E-05	15
Calcium (mg/L)		20.5	21.4	24	11	to	58.1	24	±	1.9	20
Copper (mg/L)		0.001 U	0.001 U	0.001 U	0.001 U	to	0.015	0.0034	±	0.001	15
Iron (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to	0.93	0.081	±	0.05	20
Magnesium (mg/L)		4.8	5.3	5.5	4.8	to	6.1	5.5	±	0.07	20
Manganese (mg/L)		0.02 U	0.02 U	0.02 U	0.02 U	to	0.12	0.031	±	0.006	20
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.003	0.0021	±	9E-05	15
Potassium (mg/L)		1.3	1.4	1.6	0.9	to	4.6	1.8	±	0.16	20
Sodium (mg/L)		3.9	3.9	4.5	3.9	to	73	11	±	3.5	20
Total Kjeldahl Nitrogen (mg/L)		0.3 U	0.3 U	0.3 U	0.17	to	0.62	0.42	±	0.03	18
Ammonia (N) (mg/L)		↑ 0.4 J	0.1 U	0.1 U	0.1 U	to	0.2	0.11	±	0.005	20
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	2.5	0.29	±	0.12	20
Total Dissolved Solids (mg/L)		95	104	119	92	to	287	120	±	9	20
Total Suspended Solids (mg/L)		4 U	4 U	4 U	4 U	to	21	5	±	0.86	20
Sulfate (mg/L)		7.9	6.5	5.9	5.7	to	23.8	10	±	1.1	20
Bicarbonate (CaCO3) (mg/L)		79	78	↓ 72	73	to	153	88	±	4	20
Organic Carbon (mg/L)		1.2 J	0.7 U	0.7 U	0.5 U	to	3.8	1.4	±	0.19	20
Chemical Oxygen Demand (mg/L)		3 U	3 J	3 U	3 U	to	13	3.7	±	0.5	20
Chloride (mg/L)		2.7	↓ 0.9 J	1.4	1	to	7.2	2	±	0.29	20
Turbidity (field) (NTU)		0.6	2	0	0	to	162	9.1	±	8.1	20
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.2 U	0.2 U	to	0.2 U	0.2	±	6E-10	18

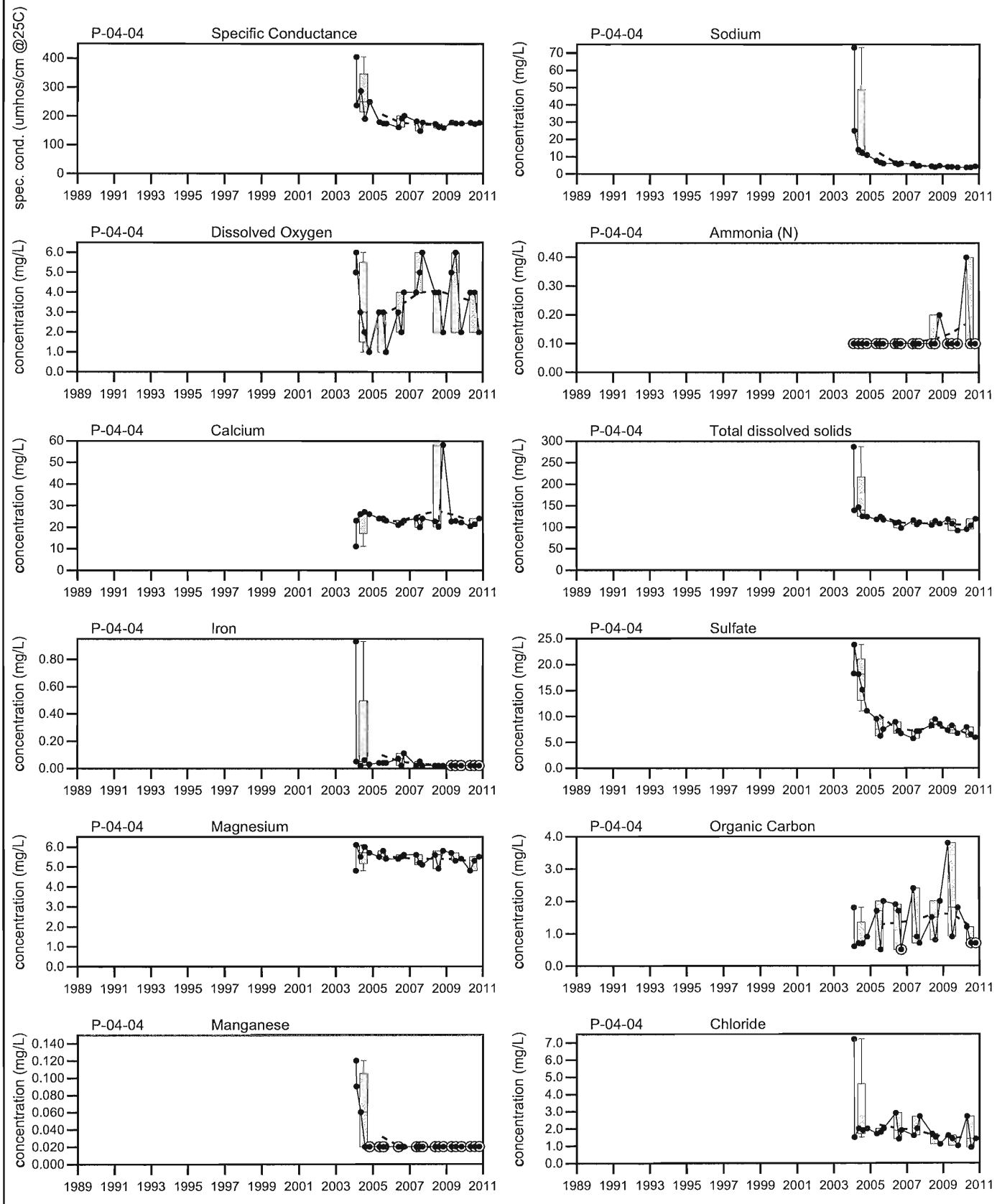
underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Nitrate (N) MCL=10 mg/L, MEG10=10 mg/L, Cadmium MCL=0.005 mg/L, MEG10=0.001 mg/L, Copper MCL=1.3 mg/L, MEG10=0.5 mg/L, Iron MEG10=5 mg/L, Manganese MEG10=0.5 mg/L, Nickel MEG10=0.02 mg/L, Arsenic MCL=0.01 mg/L, MEG10=0.01 mg/L, Ammonia (N) MEG10=30 mg/L, Sodium MEG10=20 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

P-04-04

Sevee & Maher Engineers, Inc.

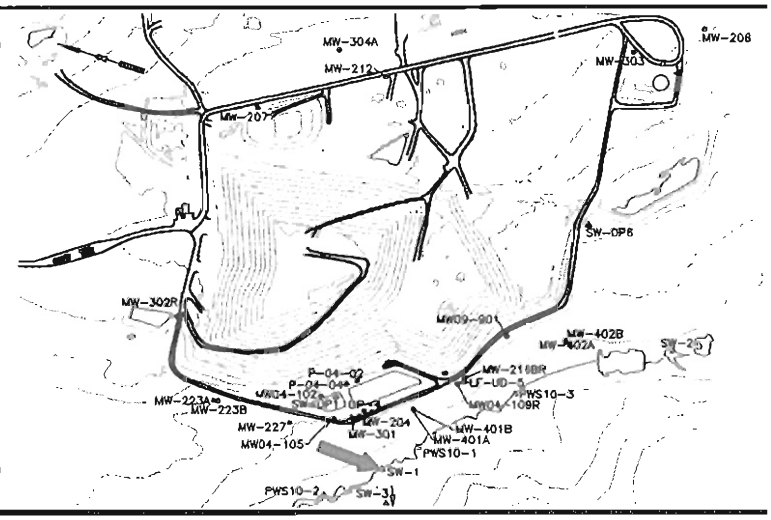
SW-1

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

SW-1 is located downgradient of the landfill and monitors surface water quality in an unnamed tributary to Pushaw Stream.



Sampled: **3 Times Annually**

Sampled Since: **11/13/90**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	Historical SE	Historical n
Specific Conductance (µmhos/cm @25°C)		186	293	142	10	345	88	6.6	59
pH (Standard Units)		6.2	6.3	7.3	5.8	8.1	6.9	0.08	59
Alkalinity (CaCO3) (field) (mg/L)		15	↑ 135	20	10	95	40	6	16
Arsenic (mg/L)		0.002 U	↑ 0.008	0.002 U	0.001	0.007	0.0031	0.000	17
Cadmium (mg/L)		0.00003	0.00002	0.00002	0.00002 U	0.0005	0.0023	0.000	26
Calcium (mg/L)		6.9	33.7	6.4	3.1	48	9.2	1	47
Copper (mg/L)		0.0001 J	**0.0075**	0.0001 U	0.0001 U	0.01	0.01	0.002	26
Iron (mg/L)		0.56	↑ **19.4**	0.4	0.1	10	1.8	0.27	52
Magnesium (mg/L)		2.1	↑ 10.7	2.1	0.21	8.7	2.5	0.17	47
Manganese (mg/L)		0.05	0.49	0.02 U	0.001	4.8	0.23	0.09	52
Nickel (mg/L)		0.002 U	↑ 0.01	0.002 U	0.002 U	0.004	0.0024	0.000	14
Potassium (mg/L)		0.5	2.9	0.2 J	0.1	5	1.3	0.31	17
Sodium (mg/L)		5.3	8.4	5.4	2.9	12	5.6	0.26	52
Ammonia (N) (mg/L)		0.1 U	0.6	0.1 U	0.05 U	1.5	0.16	0.05	29
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.05 U	0.1	0.079	0.005	29
Phosphate Phosphorus (mg/L)		0.02 J	↑ 0.81	0.02 J	0.01 U	0.34	0.069	0.02	29
Total Dissolved Solids (mg/L)		61	↑ 230	101	30	184	81	4.2	52
Total Suspended Solids (mg/L)		4 U	↑ 1490	4 U	4 U	55	14	3.5	17
Sulfate (mg/L)		1.4 J	3.5	4.4	0.2	17	3.1	0.41	52
Bicarbonate (CaCO3) (mg/L)		23	126	11.6	10.6	148	36	8.1	17
Organic Carbon (mg/L)		9.1	7.3	18.8	5.2	34	13	0.61	52
Biochemical Oxygen Demand (mg/L)		2 U	3 U	5 U	1 U	12	5	0.41	29
Chemical Oxygen Demand (mg/L)		29	↑ 752	55	15	360	51	7.6	52
Chloride (mg/L)		8.9	8.5	7.3	1 U	22.7	7.3	0.62	52
Turbidity (field) (NTU)		1.7	15.5	3.2	0	175	7.3	4.6	38
Tannin & Lignins (Tannic Acid) (mg/L)		2.5	1	0.87	0.2 U	4.5	2.3	0.13	52

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Cadmium MFCCC=0.00008 mg/L, Copper MFCCC=0.00236 mg/L, Iron MFCCC=1 mg/L, Nickel MFCCC=0.0134 mg/L, Ammonia (N) MFCCC=3 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166

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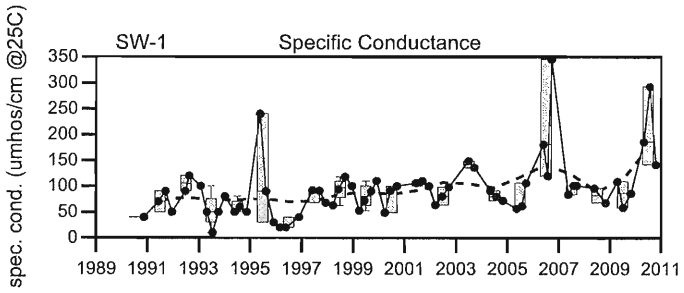
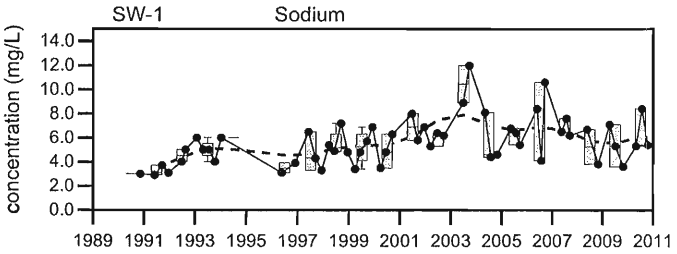
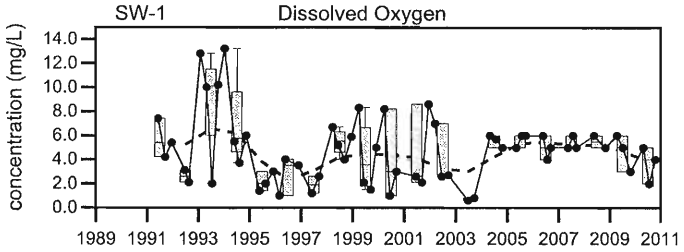
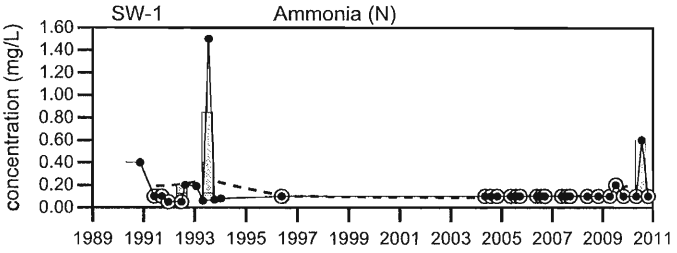
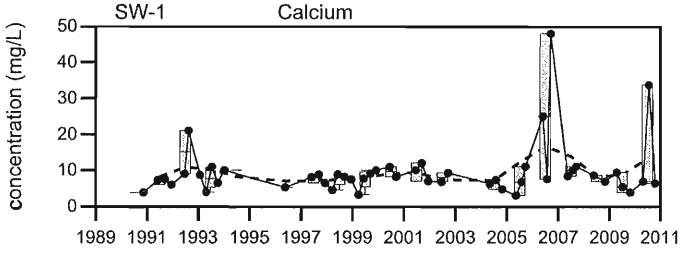
SME Sevee & Maher Engineers, Inc.

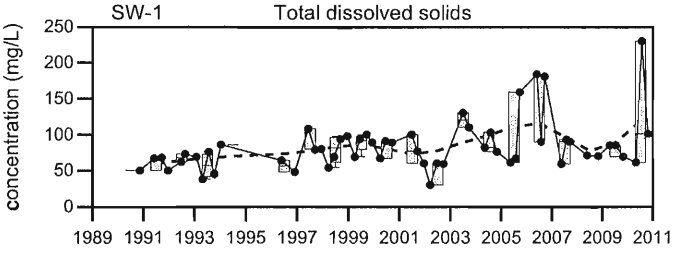


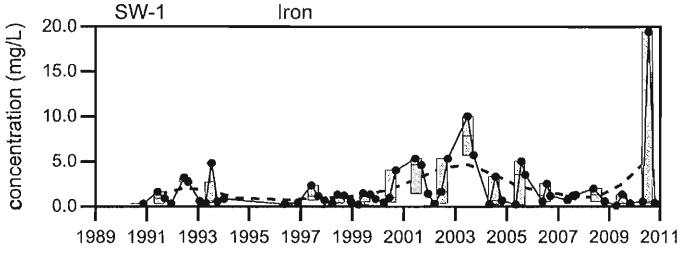


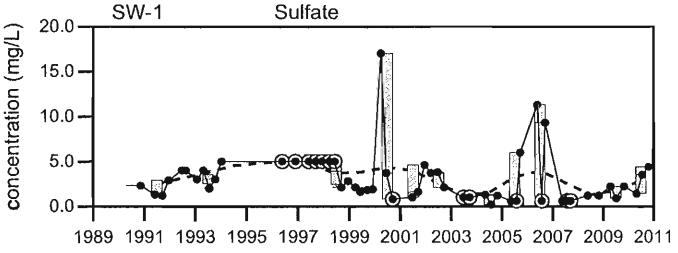


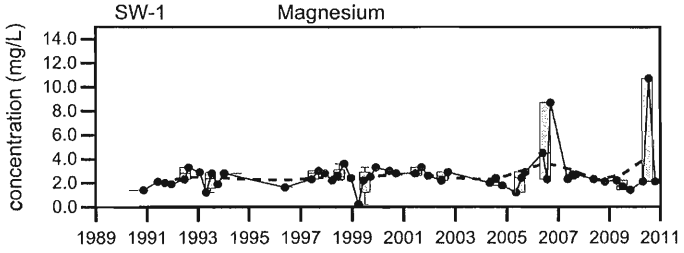


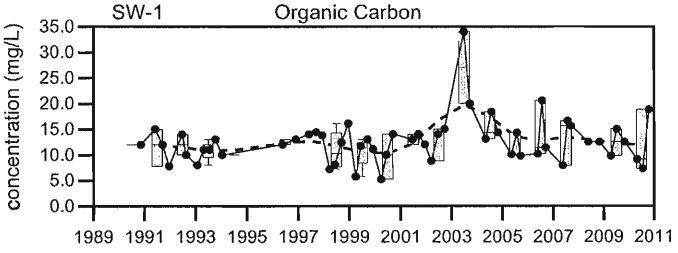


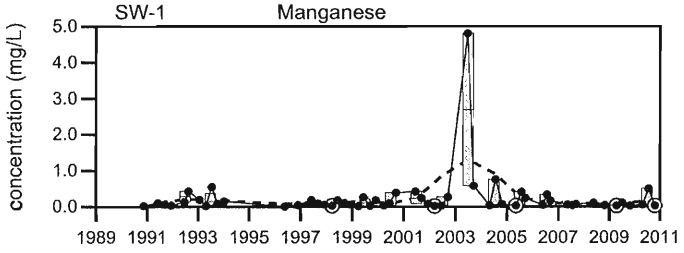


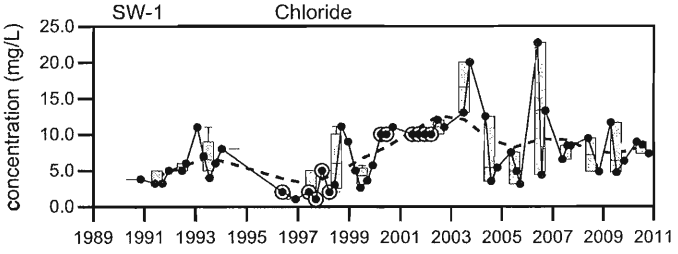












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

SW-1

Sevee & Maher Engineers, Inc.

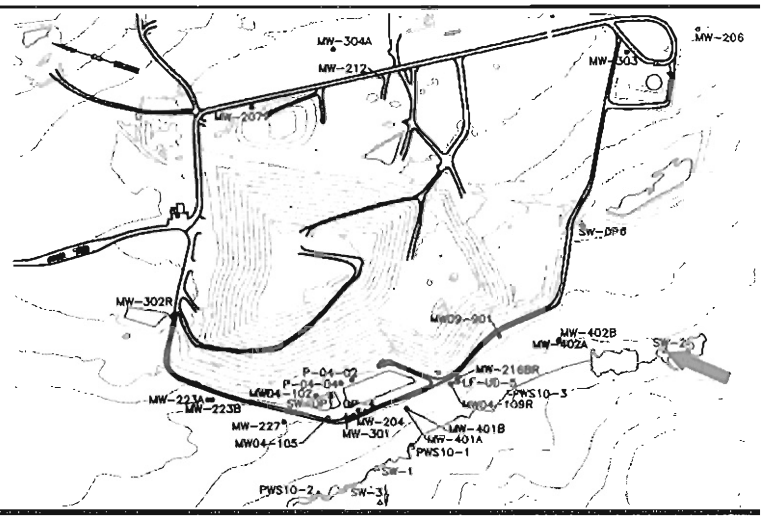
SW-2

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

SW-2 is located upgradient of the landfill and monitors surface water quality in an unnamed tributary to Pushaw Stream.



Sampled: **3 Times Annually**

Sampled Since: **11/13/90**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Specific Conductance (µmhos/cm @25°C)		78	83	130	10	to	150	73	±	3.3	67
pH (Standard Units)		6.2	7.1	7.2	5.42	to	8.4	6.5	±	0.08	67
Alkalinity (CaCO3) (field) (mg/L)		20	25	20	15	to	50	30	±	2.2	18
Arsenic (mg/L)		0.003 J	0.002 J	0.002 U	0.001 U	to	0.007	0.0027	±	0.000	18
Cadmium (mg/L)		0.00002	0.00002	0.00002	0.00002 U	to	0.0004	0.0024	±	0.000	29
Calcium (mg/L)		4.5	5.9	5.8	0.1 U	to	10	5.8	±	0.29	53
Copper (mg/L)		0.0001 U	0.0001 J	0.0001 U	0.0001 U	to	0.02	0.011	±	0.002	29
Iron (mg/L)		0.31	0.68	0.44	0.03 U	to	8.8	1.3	±	0.17	59
Magnesium (mg/L)		1.7	2.1	2.1	0.1 U	to	3.7	2	±	0.09	53
Manganese (mg/L)		0.04 J	0.06	0.02 J	0.003	to	0.43	0.094	±	0.01	59
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.006	0.0024	±	0.000	15
Potassium (mg/L)		0.5	0.6	0.1 J	0.1 U	to	1.4	0.51	±	0.07	18
Sodium (mg/L)		5.3	4.1	5.6	1 U	to	14	5.5	±	0.3	59
Ammonia (N) (mg/L)		0.1 J	0.1 U	0.1 U	0.05 U	to	1.4	0.19	±	0.05	32
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.05 U	to	2.1	0.15	±	0.06	32
Phosphate Phosphorus (mg/L)		0.02 J	0.05	0.02 J	0.01	to	0.31	0.051	±	0.01	32
Total Dissolved Solids (mg/L)		59	86	98	2	to	119	67	±	2.8	59
Total Suspended Solids (mg/L)		4 U	9	4 U	4 U	to	89	11	±	4.7	18
Sulfate (mg/L)		0.9 J	0.6 U	4.8	0.1 U	to	8	2	±	0.24	59
Bicarbonate (CaCO3) (mg/L)		14.6	25	10.1	8.5	to	31	19	±	1.5	18
Organic Carbon (mg/L)		9.7	21.2	19.3	1 U	to	22	14	±	0.6	59
Biochemical Oxygen Demand (mg/L)		2 U	4	5 U	1.7	to	16	5.5	±	0.41	31
Chemical Oxygen Demand (mg/L)		33	72	58	9.6	to	100	42	±	1.9	59
Chloride (mg/L)		9.8	3.8	8	2 U	to	23	7.7	±	0.55	59
Turbidity (field) (NTU)		1.1	3.7	3.2	0	to	10	1.4	±	0.32	41
Tannin & Lignins (Tannic Acid) (mg/L)		2.8	2.9	4.8	0.8	to	5.4	3	±	0.13	59

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Cadmium MFCCC=0.00008 mg/L, Copper MFCCC=0.00236 mg/L, Iron MFCCC=1 mg/L, Nickel MFCCC=0.0134 mg/L, Ammonia (N) MFCCC=3 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

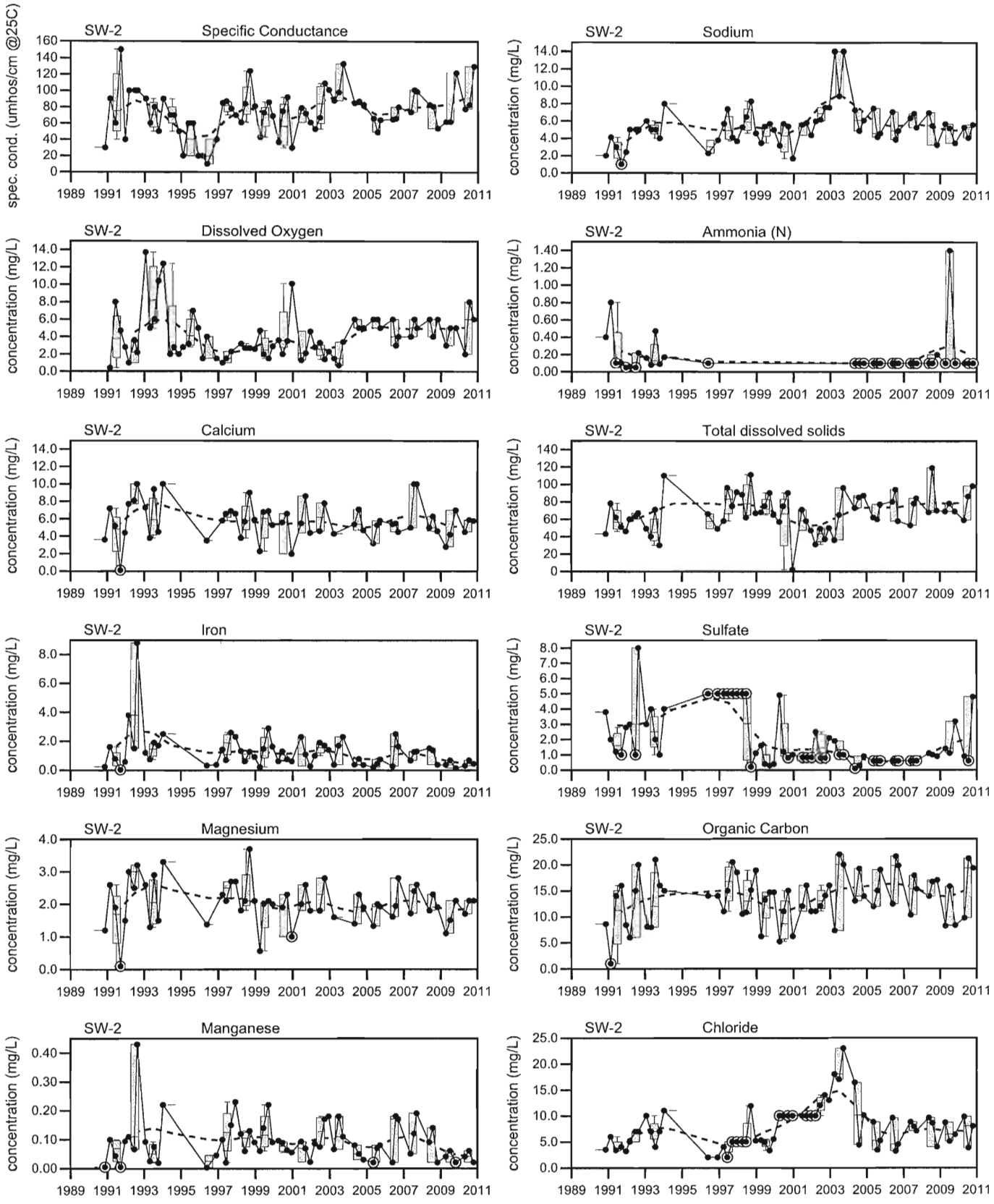
Comments

Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166
Printed: 2/8/2011 13:57

SME
Stone & Webster Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

SW-2

Sevee & Maher Engineers, Inc.

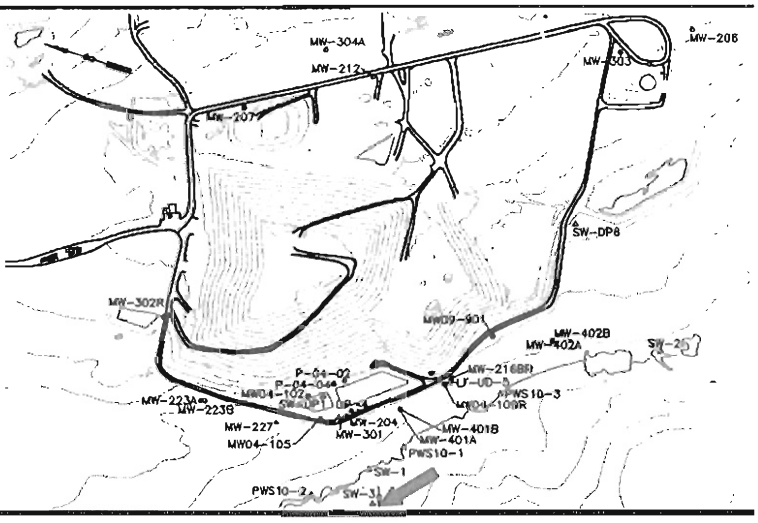
SW-3

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

SW-3 is located downgradient of the landfill and monitors surface water quality in an unnamed tributary of Pushaw Stream.



Sampled: **3 Times Annually**

Sampled Since: **05/26/94**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Max	Mean		SE	n
Specific Conductance (µmhos/cm @25°C)		81	110	137	20	to	151	78	±	3.8	51
pH (Standard Units)		6.8	7	7.5	5.4	to	8.2	6.5	±	0.07	51
Alkalinity (CaCO3) (field) (mg/L)		20	↑ 60	15	15	to	45	30	±	2.4	18
Arsenic (mg/L)		0.002 U	0.004 J	0.002 U	0.001 U	to	0.004	0.0022	±	0.000	18
Cadmium (mg/L)		0.00002	0.00002	0.00002	0.00002 U	to	0.0003	0.0022	±	0.000	24
Calcium (mg/L)		6.4	↑ 11.2	7.8	2.8	to	11	6.7	±	0.29	44
Copper (mg/L)		0.0001 U	0.0001 J	0.0001 U	0.0001 U	to	0.01	0.0091	±	0.002	24
Iron (mg/L)		0.6	**1.34**	0.28	0.2	to	3.5	1	±	0.1	51
Magnesium (mg/L)		1.7	2.7	1.9	0.47	to	3.1	1.9	±	0.08	44
Manganese (mg/L)		0.08	0.28	0.02 U	0.004	to	1.3	0.15	±	0.03	51
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.003	0.0021	±	7E-05	15
Potassium (mg/L)		0.5	0.4	0.4	0.2	to	1.6	0.78	±	0.1	18
Sodium (mg/L)		4.9	3.6	4.4	2.5	to	9.3	4.7	±	0.19	51
Ammonia (N) (mg/L)		0.1 U	0.3 J	0.1 U	0.06	to	0.5	0.12	±	0.02	27
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.05 U	to	0.2	0.087	±	0.006	27
Phosphate Phosphorus (mg/L)		0.03 J	0.06	0.02 J	0.01 U	to	0.4	0.046	±	0.01	27
Total Dissolved Solids (mg/L)		50	86	97	31	to	210	72	±	3.7	51
Total Suspended Solids (mg/L)		4	↑ 16	4 U	4 U	to	10	4.6	±	0.36	18
Sulfate (mg/L)		1.8 J	1.8 J	5.5	0.4	to	35	4.1	±	0.76	51
Bicarbonate (CaCO3) (mg/L)		21	↑ 40	12.5	10	to	37	21	±	1.8	18
Organic Carbon (mg/L)		8.5	8.9	17.2	5.7	to	40	13	±	0.68	51
Biochemical Oxygen Demand (mg/L)		↓ 2 U	↓ 3 U	5 U	4 U	to	6 U	5.6	±	0.11	27
Chemical Oxygen Demand (mg/L)		27	27	49	18	to	61	36	±	1.4	51
Chloride (mg/L)		8.1	5	6.4	1 U	to	12	6.2	±	0.43	51
Turbidity (field) (NTU)		1.7	9.6	0.6	0	to	16	1.7	±	0.45	39
Tannin & Lignins (Tannic Acid) (mg/L)		2	1.2	4.1	0.5 U	to	4.7	2.1	±	0.1	51

underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Cadmium MFCCC=0.00008 mg/L, Copper MFCCC=0.00236 mg/L, Iron MFCCC=1 mg/L, Nickel MFCCC=0.0134 mg/L, Ammonia (N) MFCCC=3 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

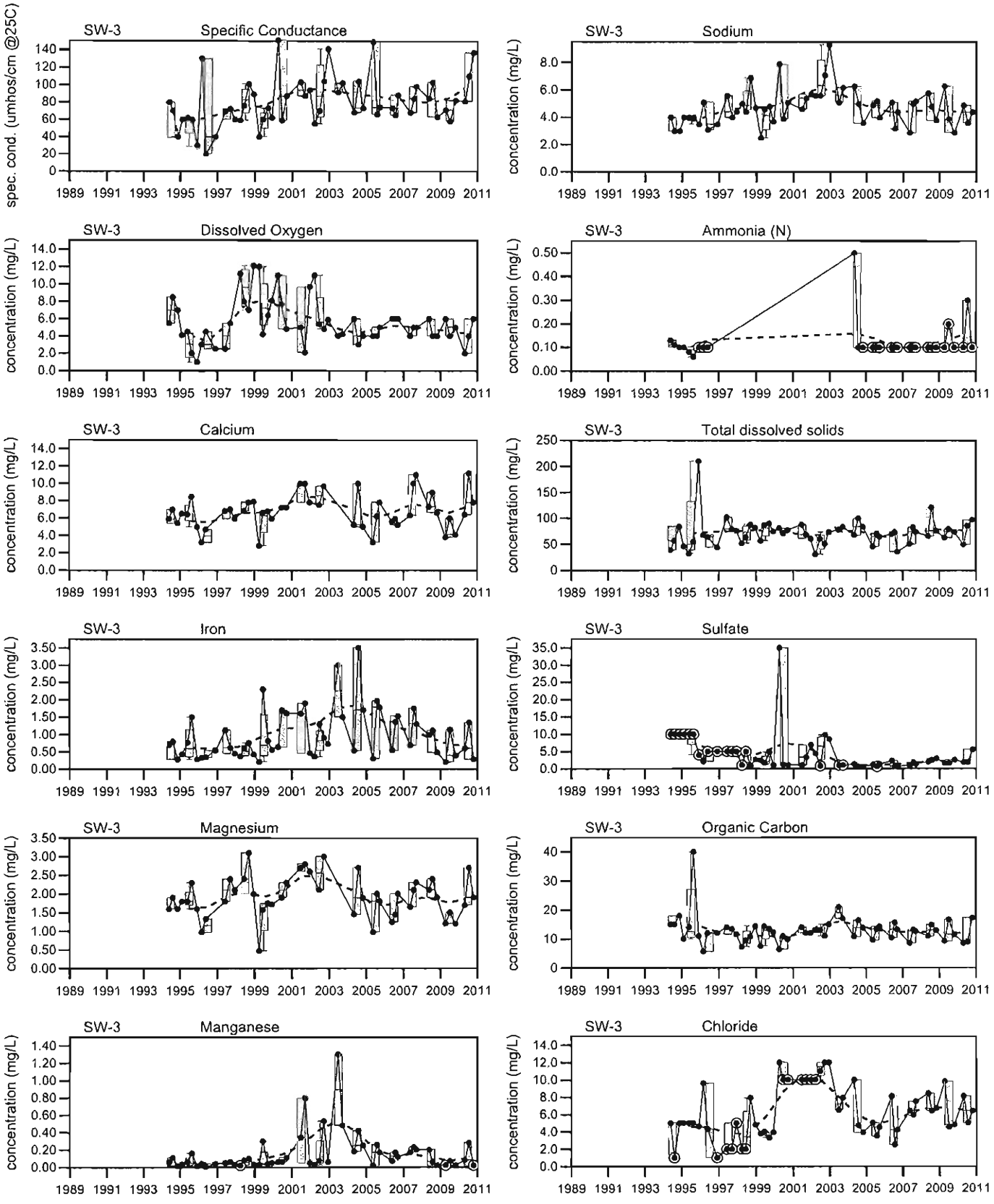
Q2= APRIL Q3= JULY Q4= OCTOBER

U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

Data Group: 166

Printed: 2/8/2011 13:57

SME Sevee & Maher Engineers, Inc.



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

SW-3

Sevee & Maher Engineers, Inc.

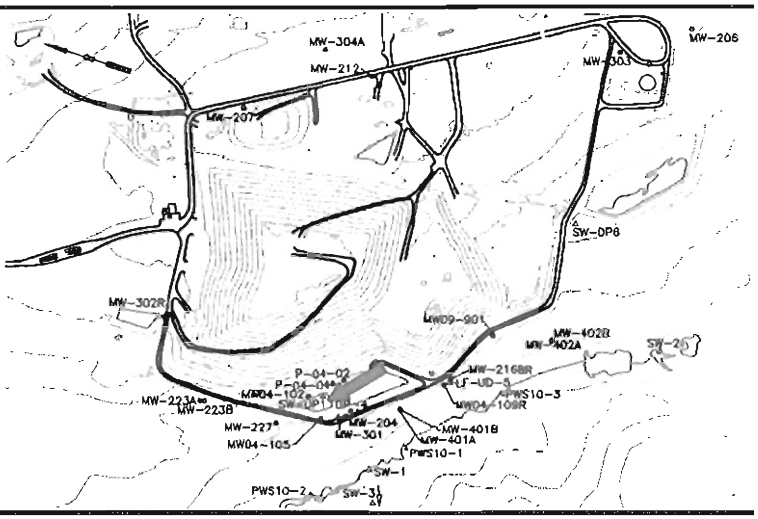
SW-DP1

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

SW-DP1 is located in detention pond #1 which is situated to the north of the leachate pond.



Sampled: **3 Times Annually**

Sampled Since: **05/03/04**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min		Historical Max	Historical Mean		SE	n
Specific Conductance (µmhos/cm @25°C)		201	106	197	101	to	400	180	±	19	18
pH (Standard Units)		6.6	8.2	7.3	6.3	to	9.4	7.7	±	0.22	18
Alkalinity (CaCO3) (field) (mg/L)		55	25	35	25	to	175	69	±	9.9	18
Arsenic (mg/L)		0.002 U	0.002 U	0.002 U	0.001 U	to	0.012	0.0029	±	0.000	18
Cadmium (mg/L)		0.00002	0.00002	0.00002	0.00002 U	to	0.0008	0.00029	±	7E-05	15
Calcium (mg/L)		22.4	12.5	15.9	12.1	to	40	23	±	2	18
Copper (mg/L)		0.0001 J	0.0001 J	0.0001 U	0.0001 U	to	0.012	0.0034	±	0.001	15
Iron (mg/L)		0.1	0.18	0.15	0.05	to	1.4	0.45	±	0.1	18
Magnesium (mg/L)		3.3	↓ 1.6	↓ 1.4	1.8	to	7.6	3.8	±	0.4	18
Manganese (mg/L)		0.06	0.05	0.02 J	0.02	to	0.88	0.11	±	0.05	18
Nickel (mg/L)		0.002 U	0.002 U	0.002 U	0.002 U	to	0.003	0.0022	±	0.000	15
Potassium (mg/L)		1.7	↓ 0.4	1.4	1.1	to	25	4.7	±	1.5	18
Sodium (mg/L)		5.4	↓ 2.3	2.8	2.6	to	25	6.7	±	1.3	18
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.5 U	0.12	±	0.02	18
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to	0.1	0.1	±	3E-10	18
Phosphate Phosphorus (mg/L)		0.02 J	0.02 J	0.02 J	0.01 U	to	0.15	0.046	±	0.009	18
Total Dissolved Solids (mg/L)		116	↓ 68	102	73	to	262	130	±	12	18
Total Suspended Solids (mg/L)		5	4 U	4 U	4 U	to	115	13	±	6.1	18
Sulfate (mg/L)		12.1	6.5	9.7	0.2	to	30	11	±	1.6	18
Bicarbonate (CaCO3) (mg/L)		62	↓ 16	37	26	to	170	67	±	9.1	18
Organic Carbon (mg/L)		↓ 2.9	3.7	↓ 2.2	3	to	13.3	5.8	±	0.8	18
Chemical Oxygen Demand (mg/L)		8 J	15	6 J	3	to	45	16	±	2.8	18
Chloride (mg/L)		10.2	4.1	5.2	1.5	to	12.5	6.6	±	0.78	18
Turbidity (field) (NTU)		3.1	3.9	0.5	0.2	to	28.1	6.3	±	1.9	18
Tannin & Lignins (Tannic Acid) (mg/L)		0.2 U	0.2 U	0.3	0.2 U	to	2	0.51	±	0.11	18

underlined/bold - values exceed a regulatory standard listed below.

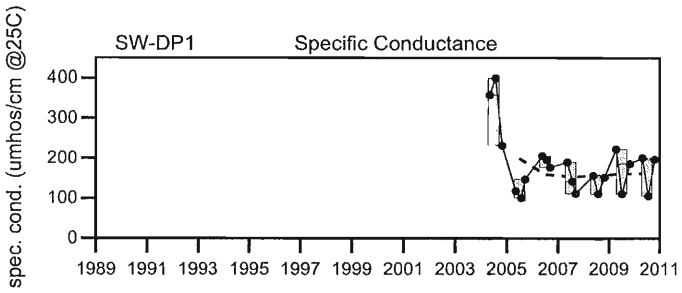
Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Cadmium MFCCC=0.00008 mg/L, Copper MFCCC=0.00236 mg/L, Iron MFCCC=1 mg/L, Nickel MFCCC=0.0134 mg/L, Ammonia (N) MFCCC=3 mg/L

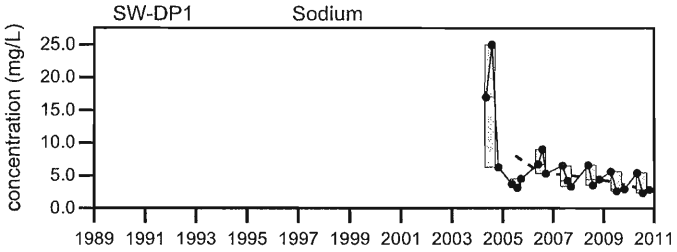
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

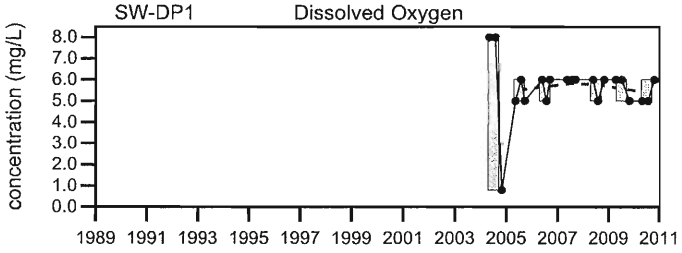
Comments

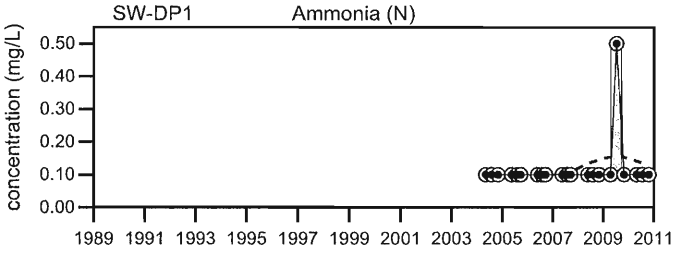
Q2= APRIL Q3= JULY Q4= OCTOBER

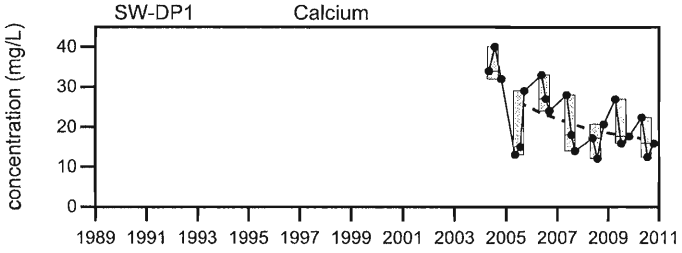
U= sample below PQL or MDL J= estimated quantity D= location dry F= location frozen I=insufficient water for sample collection A=sample location could not be accessed HD= water above pipe invert

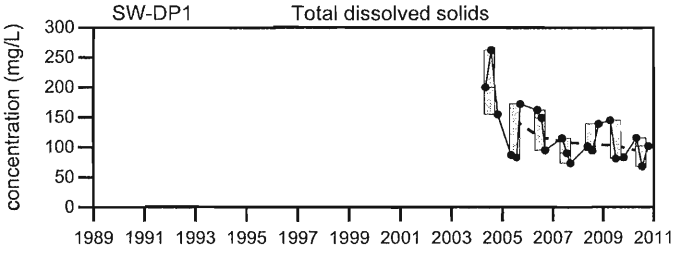


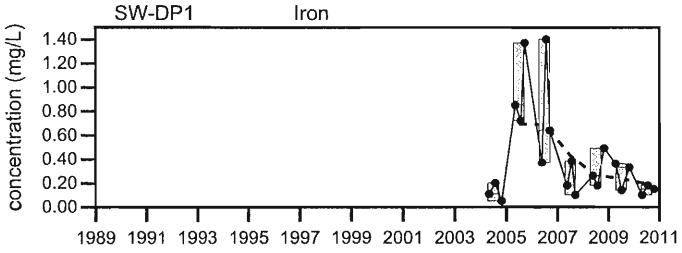


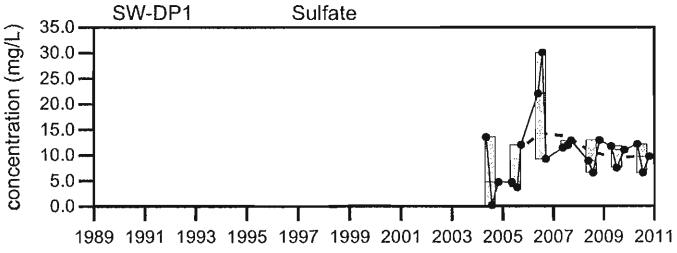


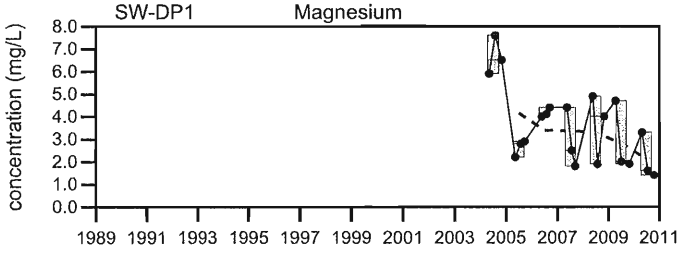


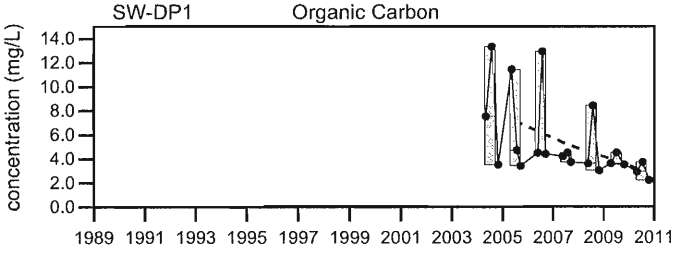


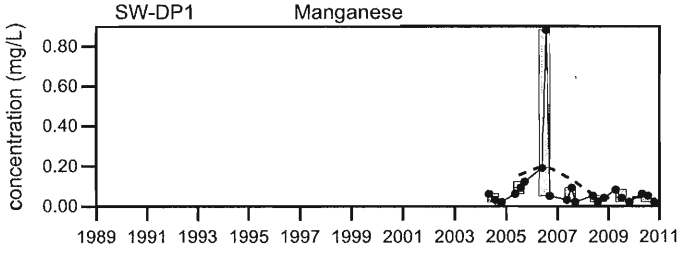


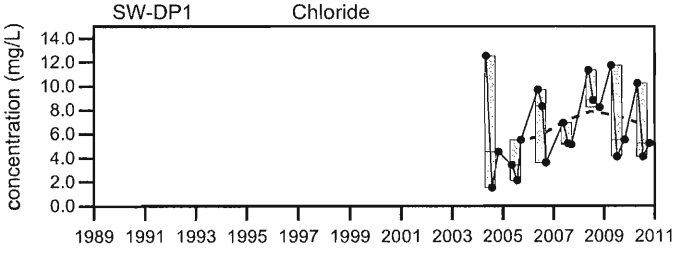












LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value

- FFT smoothing of yearly mean values.
- Sample Event
- BDL

Juniper Ridge Landfill

SW-DP1

Sevee & Maher Engineers, Inc.

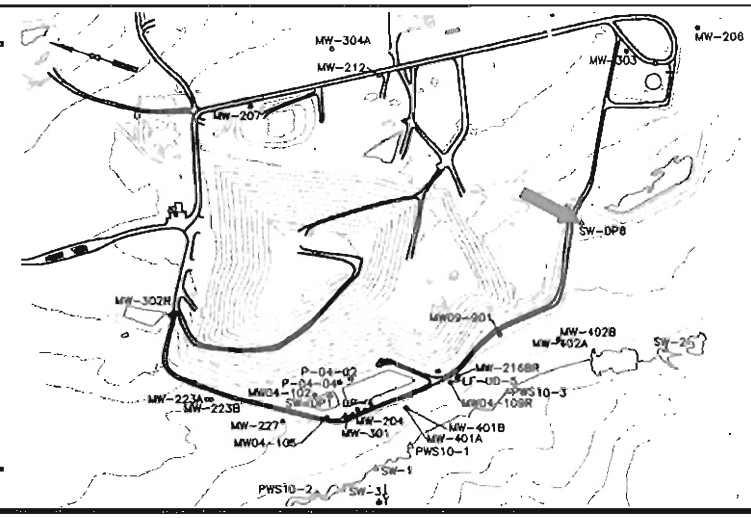
SW-DP6

Juniper Ridge Landfill

annual stats 2010 minus leachate

Well Description

SW-DP6 is located in detention pond #6, which is situated to the south of the landfill and west of the leachate storage tank.



Sampled: **3 Times Annually**

Sampled Since: **October 2010**

Sampling Method: **Grab**

Chemical Summary

Indicator Parameters	2010 Q1	2010 Q2	2010 Q3	2010 Q4	Historical Min	Historical Max	Historical Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		↑ 271	↑ 260	↑ 297	148	to 148	150	± 0	1
pH (Standard Units)		↑ 6.5	↑ 7	↑ 7.4	6.3	to 6.3	6.3	± 0	1
Alkalinity (CaCO3) (field) (mg/L)		↑ 50	↑ 90	↑ 35	15	to 15	15	± 0	1
Arsenic (mg/L)		↑ 0.011	↑ 0.006	0.002 U	0.002	to 0.002	0.002	± 0	1
Cadmium (mg/L)		0.00002	0.00002	0.00002	0.00002 U	to 0.00002 U	0.00002	± 0	1
Calcium (mg/L)		↑ 29.8	↑ 31	↑ 24.6	11.3	to 11.3	11	± 0	1
Copper (mg/L)		↓ 0.0018	↓ 0.0001 U	↓ 0.0001 U	0.005	to 0.005	0.005	± 0	1
Iron (mg/L)		↓ **1.52**	↓ **1.02**	↓ 0.42	3.05	to 3.05	3.1	± 0	1
Magnesium (mg/L)		↑ 3.8	↑ 3.5	↑ 2.5	2.2	to 2.2	2.2	± 0	1
Manganese (mg/L)		↑ 0.96	↑ 0.36	↑ 0.08	0.07	to 0.07	0.07	± 0	1
Nickel (mg/L)		↓ 0.002 U	↓ 0.002 U	↓ 0.002 U	0.003	to 0.003	0.003	± 0	1
Potassium (mg/L)		↓ 1.5	↑ 2.9	↑ 2.3	2.1	to 2.1	2.1	± 0	1
Sodium (mg/L)		↑ 6.3	↑ 6.7	↑ 3.4	2.5	to 2.5	2.5	± 0	1
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	to 0.1 U	0.1	± 0	1
Nitrate (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1	to 0.1	0.1	± 0	1
Phosphate Phosphorus (mg/L)		↓ 0.11	↓ 0.07	↓ 0.03 J	0.12	to 0.12	0.12	± 0	1
Total Dissolved Solids (mg/L)		↑ 179	↑ 196	↑ 149	94	to 94	94	± 0	1
Total Suspended Solids (mg/L)		↑ 54	↓ 5	↓ 4	31	to 31	31	± 0	1
Sulfate (mg/L)		↑ 18.5	↑ 10.4	↑ 20.8	5.5	to 5.5	5.5	± 0	1
Bicarbonate (CaCO3) (mg/L)		↑ 66	↑ 71	↑ 39	29	to 29	29	± 0	1
Organic Carbon (mg/L)		↑ 11.8	↑ 11.9	↑ 5.6	5.3	to 5.3	5.3	± 0	1
Chemical Oxygen Demand (mg/L)		↑ 29	↑ 36	↑ 17	14	to 14	14	± 0	1
Chloride (mg/L)		↑ 22.3	↑ 22.1	↑ 10.7	5.4	to 5.4	5.4	± 0	1
Turbidity (field) (NTU)		↑ 4.2	↑ 7.9	↓ 2.6	3.7	to 3.7	3.7	± 0	1
Tannin & Lignins (Tannic Acid) (mg/L)		↑ 0.49	↑ 0.86	↑ 0.93	0.45	to 0.45	0.45	± 0	1

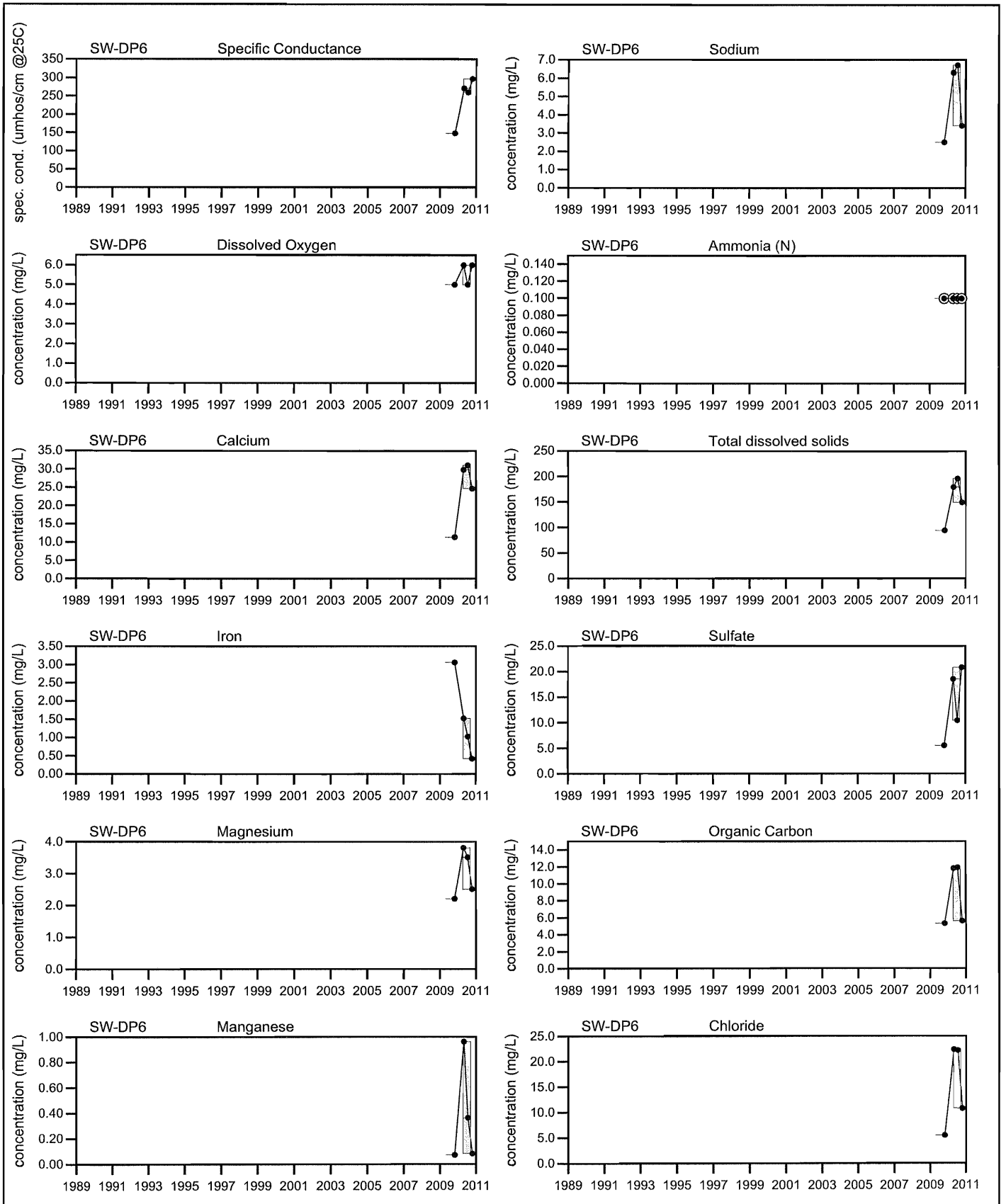
underlined/bold - values exceed a regulatory standard listed below.

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Cadmium MFCCC=0.00008 mg/L, Copper MFCCC=0.00236 mg/L, Iron MFCCC=1 mg/L, Nickel MFCCC=0.0134 mg/L, Ammonia (N) MFCCC=3 mg/L

↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Sampled for the first time in october 2010



LEGEND

- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- Sample Event
- BDL

Juniper Ridge Landfill

SW-DP6

Sevee & Maher Engineers, Inc.

APPENDIX B

2010 AND HISTORICAL WATER QUALITY DATA

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-1)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
LF-UD-1													
7/28/2004	XX	LFUD1X05E	245	6.6	9				305	8	120	0	
8/30/2004	XX	LFUD1X080	H2	H2	H2				H2	H2	H2	H2	
9/27/2004	XX	LFUD1X086	366	6.8	10.2				208	5	100	0.8	
10/27/2004	XX	LFUD1X076	230	6.7	12.5				326	6	155	0	
11/23/2004	XX	LFUD1X101	258	7.6	10.4				249	6	100	0.8	
12/22/2004	XX	LFUD1X107	235	7.1	9.5				201	8	120	4	
1/26/2005	XX	LFUD1X119	317	7.9	5.2				300	6	115	0.1	
2/24/2005	XX	LFUD1X11G	D	D	D				D	D	D	D	
3/29/2005	XX	LFUD1X14H	182	6.3	8.6				337	6	75	0	
4/28/2005	XX	LFUD1X152	H2	H2	H2				H2	H2	H2	H2	
5/11/2005	XX	LFUD1X137	246	6.3	11.9				330	6	135	0	
6/22/2005	XX	LFUD1X17A	287	7.4	13.4				426	6	110	0	
7/27/2005	XX	LFUD1X16F	185	7.1	17.1				309	6	125	1.2	
8/29/2005	XX	LFUD1X1B0	238	7.4	16.6				259	6	100	4.6	
9/21/2005	XX	LFUD1X19D	155	7.6	16.2				294	6	100	1.1	
10/21/2005	XX	LFUD1X1BA	246	8.1	9.1				220	5	110	3.8	
11/21/2005	XX	LFUD1X1BH	218	7	13.2				231	2	100	2.6	
12/27/2005	XX	LFUD1X1C3	256	7.9	2.6				274	5	90	2.2	
1/23/2006	XX	LFUD1X1C8	246	7.5	8				428	6	80	1.2	
2/23/2006	XX	LFUD1X1CD	194	7	8.6				387	5	100	0.4	0.0033
3/15/2006	XX	LFUD1X1D0	247	7.1	8.1				447	6	85	2.5	0.0033
4/27/2006	XX	LFUD1X1G1	211	7.6	13.2				363	6	105	2.2	0.00446
5/24/2006	XX	LFUD1X1E8	247	6.8	13.2				369	6	135	0.7	0.00223
6/13/2006	XX	LFUD1X1IA	295	6.5	15.1				469	5	140	0	0.0033
7/25/2006	XX	LFUD1X1H5	256	6.6	18.4				173	6	175	1.2	0.0056
8/16/2006	XX	LFUD1X20H	248	7.2	16.9				348	4	90	0	0.0022
9/11/2006	XX	LFUD1X1JI	211	7.2	14.7				279	6	100	1.2	0.0011
10/19/2006	XX	LFUD1X213	280	7.5	14.3				236	6	150	0	
11/21/2006	XX	LFUD1X219	249	8	7.4				221	4	115	2	0.0045
12/5/2006	XX	LFUD1X21E	266	8.3	7.2				312	3	100	4	0.0045
1/24/2007	XX	LFUD1X247	373	6.3	7.5				295	2	105	1.3	0.0067
2/22/2007	XX	LFUD1X255	340	7.2	6.8				217	6	75	0	0.0033
3/21/2007	XX	LFUD1X25C	102	7.4	9.4				299	6	115	0.2	0.0022
4/26/2007	XX	LFUD1X25J	375	7.4	12.8				229	5	135	1	0.0033
5/16/2007	XX	LFUD1X235	302	6.7	10.2				335	5	140	1	0.0011
6/21/2007	XX	LFUD1X289	264	6.3	16.8				382	6	130	1.8	0.0022
7/25/2007	XX	LFUD1X279	353	7.6	18.6				302	6	195	2.6	0.0022
8/16/2007	XX	LFUD1X2AJ	305	6.9	17.3				289	6	140	0.2	0.0006
9/12/2007	XX	LFUD1X29J	I	I	I				I	I	I	I	I
10/24/2007	XX	LFUD1X2B5	611	7.9	12.1				235	6	150	0.8	0.0011
11/27/2007	XX	LFUD1X2BB	359	7.3	9.7				324	6	125	0.8	0.0022
12/18/2007	XX	LFUD1X2BH	360	7.9	7.4				294	6	110	1.2	0.0006
1/9/2008	XX	LFUD1X2C3	261	6.6	10.4				273	6	145	0.8	0.0022
2/25/2008	XX	LFUD1X2EF	317	6.8	5.1				374	5	120	3.6	0.0022
3/13/2008	XX	LFUD1X2F1	279	7.2	0.6				352	6	115	4.9	0.0022
4/17/2008	XX	LFUD1X2F7	459	7.3	13.6				305	5	115	1.1	0.0022
5/20/2008	XX	LFUD1X2DD	304	7.4	12.2				400	6	150	0.8	0.0022
6/9/2008	XX	LFUD1X2HH	336	7.2	16.1				293	5	100	1.2	0.0022

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LF-UD-1)													
7/28/2008	XX	LFUD1X2GH	314	6.7	19.2				404	5	185	1.5	0.0022
8/28/2008	XX	LFUD1X307	438	7.3	21.9				376	5	160	1.2	0.0006
9/25/2008	XX	LFUD1X30D	295	6.7	16.7				239	6	100	0.9	0.0006
10/28/2008	XX	LFUD1X2J7	300	7.3	13.5				298	8	135	0	0.0004
11/17/2008	XX	LFUD1X30J	324	8.1	11.1				365	5	120	0.5	0.0017
12/23/2008	XX	LFUD1X315	328	7.3	8.7				208	6	175	0.5	0.0022
1/14/2009	XX	LFUD1X33G	280	7.9	5.3				247	6	95	1.2	0.0033
2/2/2009	XX	LFUD1X343	365	7.1	9.4				388	5	110	0.8	0.0011
3/11/2009	XX	LFUD1X34B	283	6.8	9				276	6	145	1.4	0.0017
4/15/2009	XX	LFUD1X32F	371	7.9	11.2				424	5	150	0.5	0.0022
5/28/2009	XX	LFUD1X34J	415	6.8	16.2				264	5	135	4	0.0011
6/23/2009	XX	LFUD1X357	H2	H2	H2				H2	H2	H2	H2	H6
7/8/2009	XX	LFUD1X36J	H2	H2	H2				H2	H2	H2	H2	H6
8/4/2009	XX	LFUD1X381	F6	F6	F6				F6	F6	F6	F6	F6
9/1/2009	XX	LFUD1X38A	H2	H2	H2				H2	H2	H2	H2	H6
10/27/2009	XX	LFUD1X3EE	H2	H2	H2				H2	H2	H2	H2	H6
11/11/2009	XX	LFUD1X3FH	F6	F6	F6				F6	F6	F6	F6	F6
12/8/2009	XX	LFUD1X3G7	F6	F6	F6				F6	F6	F6	F6	F6
1/21/2010	XX	LFUD1X3GJ	F6	F6	F6				F6	F6	F6	F6	F6
2/23/2010	XX	LFUD1X3HB	F6	F6	F6				F6	F6	F6	F6	F6
3/17/2010	XX	LFUD1X3I0	389	6.5	15.4				375	6	150	2.6	0.0006
4/27/2010	XX	LFUD1X3JD	356	7.5	13.4				245	6	160	0.2	0.0011
5/18/2010	XX	LFUD1X40G	F6	F6	F6				F6	F6	F6	F6	F6
6/22/2010	XX	LFUD1X415	F6	F6	F6				F6	F6	F6	F6	F6
7/20/2010	XX	LFUD1X42H	F6	F6	F6				F6	F6	F6	F6	F6
8/30/2010	XX	LFUD1X449	F6	F6	F6				F6	F6	F6	F6	F6
9/28/2010	XX	LFUD1X441	F6	F6	F6				F6	F6	F6	F6	F6
10/19/2010	XX	LFUD1X461	F6	F6	F6				F6	F6	F6	F6	F6
11/11/2010	XX	LFUD1X473	F6	F6	F6				F6	F6	F6	F6	F6
12/16/2010	XX	LFUD1X47J	H2	H2	H2				H2	H2	H2	H2	H2
LF-UD-2													
7/28/2004	XX	LFUD2X05F	231	6.8	11.5				207	8	135	0	
8/30/2004	XX	LFUD2X081	H2	H2	H2				H2	H2	H2	H2	
9/27/2004	XX	LFUD2X087	280	6.9	11.1				206	6	125	0	
10/27/2004	XX	LFUD2X077	224	7.6	13.6				336	8	130	0	
11/23/2004	XX	LFUD2X102	224	7.6	8.4				234	6	100	1.2	
12/22/2004	XX	LFUD2X108	208	7.4	8.3				211	8	85	6.6	
1/26/2005	XX	LFUD2X11A	286	7.8	6.8				246	5	110	0	
2/24/2005	XX	LFUD2X11H	D	D	D				D	D	D	D	
3/29/2005	XX	LFUD2X14I	182	6.3	8.6				337	6	75	0	
4/28/2005	XX	LFUD2X153	H2	H2	H2				H2	H2	H2	H2	
5/11/2005	XX	LFUD2X138	193	6.8	14.6				306	8	145	0	
6/22/2005	XX	LFUD2X17B	265	7.5	14.4				240	6	135	1.2	
7/27/2005	XX	LFUD2X16G	187	7.5	18				320	6	125	1.2	
8/29/2005	XX	LFUD2X1B1	221	7.2	15.4				256	6	105	0.9	
9/21/2005	XX	LFUD2X19E	291	7.7	16.5				287	6	110	1.2	
10/21/2005	XX	LFUD2X1B6	225	8.3	9.8				210	5	105	2.4	
11/21/2005	XX	LFUD2X1BD	209	7.1	12.9				298	3	125	1.8	
12/27/2005	XX	LFUD2X1BJ	235	7.8	2.4				287	5	100	2.1	

SUMMARY REPORT
Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-2)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
1/23/2006	XX	LFUD2X1C4	218	7.6	9.7				413	6	95	1.3	
2/23/2006	XX	LFUD2X1C9	237	7.6	10.2				377	5	105	0.2	0.0067
3/15/2006	XX	LFUD2X1CG	232	7.5	10.3				423	5	110	1.3	0.0067
4/27/2006	XX	LFUD2X1FH	234	7.1	10.5				366	6	125	2.2	0.00668
5/24/2006	XX	LFUD2X1E9	204	7.1	15.2				403	6	120	0.8	0.00446
6/13/2006	XX	LFUD2X1I6	231	6.9	16.4				485	6	125	0	0.0067
7/25/2006	XX	LFUD2X1H6	235	7	19.3				187	6	160	1.4	0.0067
8/16/2006	XX	LFUD2X20I	230	7.4	18.3				377	5	80	0	0.0056
9/11/2006	XX	LFUD2X1JJ	134	7.3	16				255	6	115	0.8	0.0022
10/19/2006	XX	LFUD2X214	301	7.4	14.7				244	6	130	0.2	
11/21/2006	XX	LFUD2X21A	246	8.3	11				208	2	100	0	0.0056
12/5/2006	XX	LFUD2X21F	274	8.3	10.1				214	4	100	2	0.0067
1/24/2007	XX	LFUD2X248	305	6	3.8				336	4	100	2	0.0056
2/22/2007	XX	LFUD2X256	288	7.8	6.9				219	5	80	0	0.0056
3/21/2007	XX	LFUD2X25D	154	6.8	10.6				297	5	85	0.3	0.0022
4/26/2007	XX	LFUD2X260	250	7.9	16.7				202	6	110	0.6	0.0045
5/16/2007	XX	LFUD2X236	246	7.6	12.6				380	6	120	0.3	0.0033
6/21/2007	XX	LFUD2X28A	217	6.5	19.1				353	6	120	1.8	0.0045
7/25/2007	XX	LFUD2X27A	274	7.5	18.7				221	6	155	1.2	0.0045
8/16/2007	XX	LFUD2X2B0	252	7.2	18.3				315	6	140	0.5	0.0011
9/12/2007	XX	LFUD2X2A0	272	8.3	17				265	5	120	1.8	0.0011
10/24/2007	XX	LFUD2X2B6	377	8.3	12.9				221	6	140	1.2	0.0022
11/27/2007	XX	LFUD2X2BC	319	7.5	12.3				252	6	140	0.6	0.0045
12/18/2007	XX	LFUD2X2BI	248	8.1	6.2				302	6	75	1.4	0.0011
1/9/2008	XX	LFUD2X2C4	174	6.6	11.4				241	6	130	0.9	0.0045
2/25/2008	XX	LFUD2X2EG	249	7.7	9				344	5	105	1	0.0045
3/13/2008	XX	LFUD2X2F2	243	8	2.2				316	5	80	1.5	0.0045
4/17/2008	XX	LFUD2X2F8	246	7.3	15.4				311	5	90	0.3	0.0045
5/20/2008	XX	LFUD2X2DE	253	7.9	14.3				377	6	140	1.2	0.0045
6/9/2008	XX	LFUD2X2HI	257	7.5	17				294	5	75	0.1	0.0045
7/28/2008	XX	LFUD2X2GI	254	6.9	20.1				410	5	170	1.1	0.0033
8/28/2008	XX	LFUD2X308	430	7.9	19.9				353	5	140	1.4	0.0022
9/25/2008	XX	LFUD2X30E	224	7.1	17.7				216	6	95	0.6	0.0011
10/29/2008	XX	LFUD2X2J8	231	8.1	13.6				386	6	105	1	0.0022
11/17/2008	XX	LFUD2X310	253	8	12.3				372	6	120	1	0.0022
12/23/2008	XX	LFUD2X316	234	7.8	8.7				168	6	100	0.2	0.0045
1/14/2009	XX	LFUD2X33H	215	8	7.9				303	5	75	1	0.0045 A6
2/2/2009	XX	LFUD2X344	276	7.4	12.6				388	5	85	1.2	0.0022
3/11/2009	XX	LFUD2X34C	233	6.8	10.2				308	5	95	1.1	0.0022
4/15/2009	XX	LFUD2X32G	288	7.7	14.2				446	5	90	0.8	0.0045
5/28/2009	XX	LFUD2X350	331	7.4	18.3				238	6	140	4.8	0.0022
6/23/2009	XX	LFUD2X358	H2	H2	H2				H2	H2	H2	H2	H6
7/8/2009	XX	LFUD2X370	H2	H2	H2				H2	H2	H2	H2	H6
8/4/2009	XX	LFUD2X382	432	6.9	20.2				335	5	220	0.6	0.0022
9/1/2009	XX	LFUD2X38B	H2	H2	H2				H2	H2	H2	H2	H6
10/27/2009	XX	LFUD2X3EF	H2	H2	H2				H2	H2	H2	H2	H6
11/11/2009	XX	LFUD2X3FI	457	7.4	18.7				375	6	120	0.5	0.0033
12/8/2009	XX	LFUD2X3G8	320	8.2	12.6				221	6	130	0.4	0.0045
1/21/2010	XX	LFUD2X3H0	335	7.1	11.2				264	6	110	8.2	0.0056
2/23/2010	XX	LFUD2X3HC	309	8.2	15.1				201	6	155	0.2	0.0056

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-2) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
3/17/2010	XX	LFUD2X3I1	296	6.7	17.6				358	5	145	5.2	0.0078
4/27/2010	XX	LFUD2X3JE	250	8	12.9				248	6	140	0.5	0.0045
5/18/2010	XX	LFUD2X40H	286	7.8	19.1				315	4	100	1.1	0.0056
6/22/2010	XX	LFUD2X416	309	7.8	21.1				305	6	130	0.4	0.0045
7/20/2010	XX	LFUD2X42I	352	8	22.1				343	5	245	2.4	0.0223
8/30/2010	XX	LFUD2X44A	455	7.6	24.2				303	5	220	8.5	0.0011
9/28/2010	XX	LFUD2X442	499	7.2	20.3				340	6	175	0	0.0022
10/19/2010	XX	LFUD2X462	709	6.8	11.7				438	5	160	0	0.0006
11/11/2010	XX	LFUD2X474	323	8.2	13.1				245	4	135	0.5	0.0033
12/16/2010	XX	LFUD2X480	H2	H2	H2				H2	H2	H2	H2	H2
LF-UD-3A													
1/24/2007	XX	LFUD3X24C	482	6.2	7.5				372	4	90	1.8	0.0045
2/22/2007	XX	LFUD3X25A	471	8.3	5				209	5	110	0	0.0022
3/21/2007	XX	LFUD3X25H	249	7	9.7				278	5	135	0.4	0.0017
4/26/2007	XX	LFUD3X264	339	8	14.2				335	6	125	0	0.0045
5/16/2007	XX	LFUD3X246	386	8	11.1				373	6	150	0.3	0.0011
6/21/2007	XX	LFUD3X28E	443	6.8	19.8				300	6	195	2.1	0.0022
7/25/2007	XX	LFUD3X288	F6	F6	F6				F6	F6	F6	F6	F6
8/16/2007	XX	LFUD3X2B4	F6	F6	F6				F6	F6	F6	F6	F6
9/12/2007	XX	LFUD3X2AI	F6	F6	F6				F6	F6	F6	F6	F6
10/24/2007	XX	LFUD3X2BA	F6	F6	F6				F6	F6	F6	F6	F6
11/27/2007	XX	LFUD3X2BG	329	7.7	11.7				247	6	90	0.5	0.0033
12/18/2007	XX	LFUD3X2C2	219	7.8	6.8				356	6	85	1	0.0022
1/9/2008	XX	LFUD3X2C8	126	6.5	9.3				249	6	90	0.6	0.0067
2/25/2008	XX	LFUD3X2F0	294	7.9	7.7				302	5	105	0.8	0.0045
3/13/2008	XX	LFUD3X2F6	236	8.2	7.7				311	5	90	0	0.0056
4/17/2008	XX	LFUD3X2FC	311	7.2	14.9				315	6	190	0.9	0.0022
5/20/2008	XX	LFUD3X2EE	314	8	13.3				337	6	160	1.8	0.0045
6/9/2008	XX	LFUD3X2I2	269	7.4	15.8				288	6	150	1	0.0033
7/28/2008	XX	LFUD3X2HG	D	D	D				D	D	D	D	D
8/28/2008	XX	LFUD3X30C	D	D	D				D	D	D	D	D
9/25/2008	XX	LFUD3X30I	D	D	D				D	D	D	D	D
10/29/2008	XX	LFUD3X306	F6	F6	F6				F6	F6	F6	F6	F6
11/17/2008	XX	LFUD3X314	F6	F6	F6				F6	F6	F6	F6	F6
12/23/2008	XX	LFUD3X31A	D	D	D				D	D	D	D	D
1/14/2009	XX	LFUD3X341	F6	F6	F6				F6	F6	F6	F6	F6
2/2/2009	XX	LFUD3X348	F6	F6	F6				F6	F6	F6	F6	F6
3/11/2009	XX	LFXXXX34G	F6	F6	F6				F6	F6	F6	F6	F6
4/15/2009	XX	LFXXXX33F	411	8.1	14.8				447	5	200	0.5	0.0033
5/28/2009	XX	LFXXXX354	505	7.7	16.7				94	6	185	5	0.0003
6/23/2009	XX	LFXXXX35C	H2	H2	H2				H2	H2	H2	H2	H6
7/8/2009	XX	LFXXXX37I	H2	H2	H2				H2	H2	H2	H2	H6
8/4/2009	XX	LFXXXX386	401	6.9	19.7				274	6	275	1.8	0.0006
9/1/2009	XX	LFXXXX38F	H2	H2	H2				H2	H2	H2	H2	H6
10/27/2009	XX	LFXXXX3FC	H2	H2	H2				H2	H2	H2	H2	H6
11/11/2009	XX	LFXXXX3G2	F6	F6	F6				F6	F6	F6	F6	F6
12/8/2009	XX	LFUD3A3GC	439	8.4	10.3				215	5	170	0.5	0.0056
1/21/2010	XX	LFUD3A3H4	405	7.5	9.4				248	6	185	1.2	0.0033
2/23/2010	XX	LFUD3A3HG	402	8.2	13.6				215	5	190	0.1	0.0045

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LF-UD-3A)													
3/17/2010	XX	LFUD3A3I5	490	6.6	18.3				340	5	205	1.9	0.0067
4/27/2010	XX	LFXXXX40C	408	7.9	14.3				270	6	160	0.4	0.0045
5/18/2010	XX	LFUD3A411	400	7.9	19.1				315	5	160	0.5	0.0022
6/22/2010	XX	LFUD3A419	F6	F6	F6				F6	F6	F6	F6	F6
7/20/2010	XX	LFXXXX43G	F6	F6	F6				F6	F6	F6	F6	F6
8/30/2010	XX	LFUD3A44D	F6	F6	F6				F6	F6	F6	F6	F6
9/28/2010	XX	LFUD3A445	F6	F6	F6				F6	F6	F6	F6	F6
10/19/2010	XX	LFXXXX46J	F6	F6	F6				F6	F6	F6	F6	F6
11/11/2010	XX	LFUD3A477	565	8.2	14.7				201	5	200	0.6	0.0022
12/16/2010	XX	LFUD3A483	H2	H2	H2				H2	H2	H2	H2	H2
LF-UD-3B													
3/11/2009	XX	LFXXXX34H	F6	F6	F6				F6	F6	F6	F6	F6
4/15/2009	XX	LFXXXX349	F6	F6	F6				F6	F6	F6	F6	F6
5/28/2009	XX	LFXXXX355	F6	F6	F6				F6	F6	F6	F6	F6
6/23/2009	XX	LFXXXX35D	H2	H2	H2				H2	H2	H2	H2	H6
7/8/2009	XX	LFXXXX37J	H2	H2	H2				H2	H2	H2	H2	H6
8/4/2009	XX	LFXXXX387	F6	F6	F6				F6	F6	F6	F6	F6
9/1/2009	XX	LFXXXX38G	H2	H2	H2				H2	H2	H2	H2	H6
10/27/2009	XX	LFXXXX3FD	H2	H2	H2				H2	H2	H2	H2	H6
11/11/2009	XX	LFXXXX3G3	F6	F6	F6				F6	F6	F6	F6	F6
12/8/2009	XX	LFUD3B3GD	F6	F6	F6				F6	F6	F6	F6	F6
1/21/2010	XX	LFUD3B3H5	F6	F6	F6				F6	F6	F6	F6	F6
2/23/2010	XX	LFUD3B3HH	F6	F6	F6				F6	F6	F6	F6	F6
3/17/2010	XX	LFUD3B3I6	F6	F6	F6				F6	F6	F6	F6	F6
4/27/2010	XX	LFXXXX40D	F6	F6	F6				F6	F6	F6	F6	F6
5/18/2010	XX	LFUD3B412	F6	F6	F6				F6	F6	F6	F6	F6
6/22/2010	XX	LFUD3B41A	F6	F6	F6				F6	F6	F6	F6	F6
7/20/2010	XX	LFXXXX43H	F6	F6	F6				F6	F6	F6	F6	F6
8/30/2010	XX	LFUD3B44E	F6	F6	F6				F6	F6	F6	F6	F6
9/28/2010	XX	LFUD3B446	F6	F6	F6				F6	F6	F6	F6	F6
10/19/2010	XX	LFXXXX470	F6	F6	F6				F6	F6	F6	F6	F6
11/11/2010	XX	LFUD3B478	F6	F6	F6				F6	F6	F6	F6	F6
12/16/2010	XX	LFUD3B484	H2	H2	H2				H2	H2	H2	H2	H2
LF-UD-4													
3/11/2009	XX	LFXXXX34I	F6	F6	F6				F6	F6	F6	F6	F6
4/15/2009	XX	LFXXXX34A	366	7.2	13				491	6	120	0.8	0.0033
5/28/2009	XX	LFXXXX356	F6	F6	F6				F6	F6	F6	F6	F6
6/23/2009	XX	LFXXXX35E	H2	H2	H2				H2	H2	H2	H2	H6
7/8/2009	XX	LFXXXX380	H2	H2	H2				H2	H2	H2	H2	H6
8/4/2009	XX	LFXXXX388	F6	F6	F6				F6	F6	F6	F6	F6
9/1/2009	XX	LFXXXX38H	H2	H2	H2				H2	H2	H2	H2	H6
10/27/2009	XX	LFXXXX3FE	H2	H2	H2				H2	H2	H2	H2	H6
11/11/2009	XX	LFXXXX3G4	562	7.2	20				418	6	110	1.1	0.0045
12/8/2009	XX	LFUD4X3GE	470	8.3	12.1				218	5	115	0	0.0022
1/21/2010	XX	LFUD4X3H6	473	7.4	11.1				263	6	125	0	0.0056
2/23/2010	XX	LFUD4X3HI	406	7.8	14.1				212	5	170	0	0.0078
3/17/2010	XX	LFUD4X3I7	427	6.9	17.1				322	5	145	2.6	0.0067
4/27/2010	XX	LFXXXX40E	F6	F6	F6				F6	F6	F6	F6	F6

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LF-UD-4)													
5/18/2010	XX	LFUD4X413	371	7.1	18.8				325	4	125	1.1	H6
6/22/2010	XX	LFUD4X41B	373	7	21.3				321	5	165	0	H6
7/20/2010	XX	LFXXXX43I	F6	F6	F6				F6	F6	F6	F6	F6
8/30/2010	XX	LFUD4X44F	464	7.4	23.8				303	6	215	9.1	0.0011
9/28/2010	XX	LFUD4X447	F6	F6	F6				F6	F6	F6	F6	F6
10/19/2010	XX	LFXXXX471	F6	F6	F6				F6	F6	F6	F6	F6
11/11/2010	XX	LFUD4X479	459	7.3	14.7				233	4	125	0.2	H6
12/16/2010	XX	LFUD4X485	H2	H2	H2				H2	H2	H2	H2	H2
LF-UD-5													
12/8/2009	XX	LFUD5X3GI	395	8.3	4.2				264	6	125	0.1	0.0067
1/21/2010	XX	LFUD5X3HA	350	7.6	6.1				309	5	120	0	0.0033
2/23/2010	XX	LFUD5X3HJ	337	7.9	7				220	6	135	0.4	0.0078
3/17/2010	XX	LFUD5X3I8	337	7.3	9.5				324	6	130	0.9	0.0056
4/27/2010	XX	LFXXXX40F	345	7.4	10.1				285	5	130	0.4	0.0045
5/18/2010	XX	LFUD5X414	349	7.6	12.3				285	5	105	0.2	0.0067
6/22/2010	XX	LFUD5X41C	355	7.7	18.9				328	6	140	6.5	0.0022
7/20/2010	XX	LFXXXX43J	407	7	19.1				213	6	200	1.5	0.0002
8/30/2010	XX	LFUD5X44G	470	7.8	23.3				324	6	245	8.1	0.0006
9/28/2010	XX	LFUD5X448	428	7	18.2				332	6	160	0	0.0033
10/19/2010	XX	LFXXXX472	652	6.9	10.9				434	5	150	4.2	0.0006
11/11/2010	XX	LFUD5X47A	440	8.1	10.7				238	4	150	9	0.0022
12/16/2010	XX	LFUD5X486	472	6.7	8.9				307	6	165	0	0.0022
LF-COMP													
8/30/2004	XX	LFCOMX08A	444	7.7	25.1				307	6	195	10.4	
4/28/2005	XX	LFXXXX157	185	6.8	8.6				23	5		9.6	
6/23/2009	XX	LFCMPX389	291	7.7	17.1				263	5	120	0	
7/8/2009	XX	LFXXXXHG0	291	7.9	16.2				307	5	130	0	
9/1/2009	XX	LFCMPX3FG	451	6.9	19.1				207	6	205	0.5	
10/27/2009	XX	LFXXXXHBA	589	7.5	10.9				195	6	100	1.2	
12/16/2010	XX	LFXXXX487	729	6.8	14.8				308	6	155	0	
LP-LD-1													
7/28/2004	XX	LPLD1X05I	835	7.5	12.4				277	6	300	1.9	
8/30/2004	XX	LPLD1X082	316	6.9	17.2				301	6	165	12.5	
9/27/2004	XX	LPLD1X088	630	7.4	19.7				277	5	325	1.1	
10/27/2004	XX	LPLD1X07A	467	7.9	12.4				326	5	200	3.4	
11/23/2004	XX	LPLD1X103	497	7.9	9.7				269	6	175	4.9	
12/22/2004	XX	LPLD1X109	487	7	7.5				195	8	250	15.4	
1/26/2005	XX	LPLD1X11B	D	D	D				D	D	D	D	
2/24/2005	XX	LPLD1X11I	168	7.5	4.3				265	5	85	0	
3/29/2005	XX	LPLD1X14J	56	6.4	3.2				360	5	35	0	
4/28/2005	XX	LPLD1X154	610	7.3	5.9				398	6	25	25	
5/11/2005	XX	LPLD1X13B	71	7.2	10.9				320	6	60	14	
6/22/2005	XX	LPLD1X17C	120	7.7	12.8				406	6	60	14.5	
7/27/2005	XX	LPLD1X16J	304	7	20.2				343	6	70	0.8	
8/29/2005	XX	LPLD1X1B2	539	6.7	15.9				281	4	160	6.7	
9/21/2005	XX	LPLD1X19H	944	7	16.4				305	6	425	4.5	
10/21/2005	XX	LPLD1X1B7	105	8.3	9.3				227	4	45	2.3	
11/21/2005	XX	LPLD1X1BE	124	7.6	11.6				238	5	60	1.8	

SUMMARY REPORT
Field Data

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(LP-LD-1)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
12/27/2005	XX	LPLD1X1C0	639	7.3	4.1				302	6	150	2.6	
1/23/2006	XX	LPLD1X1C5	670	7.5	5.5				398	6	225	1.1	
2/23/2006	XX	LPLD1X1CA	727	7.1	6.5				330	6	290	2.3	
3/15/2006	XX	LPLD1X1CH	402	6.8	3.8				431	6	90	1.7	
4/27/2006	XX	LPLD1X1FI	691	7.2	7.3				353	6	200	3.6	
5/24/2006	XX	LPLD1X1EC	207	7.5	11.6				367	6	75	1.2	
6/13/2006	XX	LPLD1X1I7	103	7	13				460	5	50	3.1	
7/25/2006	XX	LPLD1X1H9	555	6.5	19.6				397	5	280	1.2	
8/16/2006	XX	LPLD1X20J	693	7.5	19				349	4	195	0	
9/11/2006	XX	LPLD1X202	805	7.1	14.9				286	6	135	1.3	
10/19/2006	XX	LPLD1X215	301	7.2	13.2				236	6	130	1.8	
11/21/2006	XX	LPLD1X21B	240	7.6	10				168	6	90	1.2	
12/5/2006	XX	LPLD1X21G	399	7.8	4				330	5	50	5.5	
1/24/2007	XX	LPLD1X249	357	6.5	9.2				419	4	50	3.5	
2/22/2007	XX	LPLD1X257	517	7	3.7				227	6	130	0	
3/21/2007	XX	LPLD1X25E	L	L	L				L	L	L	L	
4/26/2007	XX	LPLD1X261	212	7.2	7.2				342	5	80	5.1	
5/16/2007	XX	LPLD1X239	500	6.6	10.1				270	5	200	2.5	
6/21/2007	XX	LPLD1X28B	453	6.4	10.8				314	6	210	2.2	
7/25/2007	XX	LPLD1X27D	788	7.2	18.6				232	3	325	2.9	
8/16/2007	XX	LPLD1X2B1	781	7.2	14.9				244	6	355	2.8	
9/12/2007	XX	LPLD1X2A3	695	7.7	15.9				115	4	370	2.6	
10/24/2007	XX	LPLD1X2B7	774	8.1	12.8				176	6	60	1.2	
11/27/2007	XX	LPLD1X2BD	187	7.7	7.3				252	6	55	2.2	
12/18/2007	XX	LPLD1X2BJ	545	5.8	3.1				322	6	50	1.1	
1/9/2008	XX	LPLD1X2C5	329	6.9	7.4				258	6	250	0.8	
2/25/2008	XX	LPLD1X2EH	303	7.8	5.2				336	6	110	0.6	
3/13/2008	XX	LPLD1X2F3	192	8.3	1.2				321	5	60	1.7	
4/17/2008	XX	LPLD1X2F9	121	7.9	7.2				293	6	60	2.7	
5/20/2008	XX	LPLD1X2DH	129	8.1	8.8				379	6	70	2.2	
6/9/2008	XX	LPLD1X2HJ	140	7.9	12.3				307	6	45	1.6	
7/28/2008	XX	LPLD1X2H1	252	6.9	22.6				391	4	115	0	
8/28/2008	XX	LPLD1X309	430	7.8	15.8				293	3	125	1.8	
9/25/2008	XX	LPLD1X30F	254	7.1	14.9				226	3	115	0.7	
10/29/2008	XX	LPLD1X2JB	290	7.6	9.4				383	5	115	1.2	
11/17/2008	XX	LPLD1X311	331	7.7	10.3				354	6	160	1.2	
12/23/2008	XX	LPLD1X317	321	7.7	6.9				210	5	95	1.1	
1/14/2009	XX	LPLD1X33I	292	8.6	4.1				169	5	55	0.7	
2/2/2009	XX	LPLD1X345	315	7.6	5.7				371	5	95	1.7	
3/11/2009	XX	LPLD1X34D	A	A	A				A	A	A	A	
4/15/2009	XX	LPLD1X32J	627	6.6	7.4				503	5	130	0.5	
5/28/2009	XX	LPLD1X351	366	7	14.6				283	6	120	2.3	
6/23/2009	XX	LPLD1X359	180	8	11.1				327	4	40	8.7	
7/8/2009	XX	LPLD1X373	145	7.6	17.1				246	4	35	0.3	
8/4/2009	XX	LPLD1X383	154	6.7	23.5				260	5	55	0.9	
9/1/2009	XX	LPLD1X38C	162	7.4	17.6				317	5	70	1.7	
10/27/2009	XX	LPLD1X3EI	227	7.8	11.2				409	5	30	3.6	
11/11/2009	XX	LPLD1X3FJ	328	7.1	12.2				408	5	65	1.6	
12/8/2009	XX	LPLD1X3G9	310	7.8	7.1				286	4	90	0	
1/21/2010	XX	LPLD1X3H1	337	7.5	6.2				309	3	95	0	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LP-LD-1)													
2/23/2010	XX	LPLD1X3HD	241	7.4	6.3				220	6	105	0.1	
3/17/2010	XX	LPLD1X3I2	202	7.4	8.2				313	6	140	2.3	
4/27/2010	XX	LPLD1X3JH	343	6.4	7.8				295	5	100	0.5	
7/20/2010	XX	LPLD1X431	406	6.6	14.2				408	5	210	2.4	
10/19/2010	XX	LPLD1X465	536	6.9	9.2				324	4	110	0.3	
LP-UD-1													
7/28/2004	XX	LPUD1X05G	D	D	D				D	D	D	D	
8/30/2004	XX	LPUD1X083	D	D	D				D	D	D	D	
9/27/2004	XX	LPUD1X089	D	D	D				D	D	D	D	
10/27/2004	XX	LPUD1X078	H2	H2	H2				H2	H2	H2	H2	
11/23/2004	XX	LPUD1X104	D	D	D				D	D	D	D	
12/22/2004	XX	LPUD1X10A	D	D	D				D	D	D	D	
1/26/2005	XX	LPUD1X11C	D	D	D				D	D	D	D	
2/24/2005	XX	LPUD1X11J	D	D	D				D	D	D	D	
3/29/2005	XX	LPUD1X150	517	6.8	8.3				368	5	125	0	
4/28/2005	XX	LPUD1X155	D	D	D				D	D	D	D	
5/11/2005	XX	LPUD1X139	D	D	D				D	D	D	D	
6/22/2005	XX	LPUD1X17D	D	D	D				D	D	D	D	
7/27/2005	XX	LPUD1X16H	D	D	D				D	D	D	D	
8/29/2005	XX	LPUD1X1B3	D	D	D				D	D	D	D	
9/21/2005	XX	LPUD1X19F	D	D	D				D	D	D	D	
11/21/2005	XX	LPUD1X1BF	D	D	D				D	D	D	D	
12/27/2005	XX	LPUD1X1C1	D	D	D				D	D	D	D	
1/23/2006	XX	LPUD1X1C6	F6	F6	F6				F6	F6	F6	F6	
3/15/2006	XX	LPUD1X1CI	D	D	D				D	D	D	D	
4/27/2006	XX	LPUD1X1FJ	D	D	D				D	D	D	D	
5/24/2006	XX	LPUD1X1EA	D	D	D				D	D	D	D	
6/13/2006	XX	LPUD1X1I8	H5	H5	H5				H5	H5	H5	H5	
7/26/2006	XX	LPUD1X1H7	F6	F6	F6				F6	F6	F6	F6	
8/16/2006	XX	LPUD1X210	H5	H5	H5				H5	H5	H5	H5	
9/11/2006	XX	LPUD1X200	F6	F6	F6				F6	F6	F6	F6	
10/19/2006	XX	LPUD1X216	F6	F6	F6				F6	F6	F6	F6	
11/21/2006	XX	LPUD1X21C	D	D	D				D	D	D	D	
12/5/2006	XX	LPUD1X21H	H5	H5	H5				H5	H5	H5	H5	
1/24/2007	XX	LPUD1X24A	H5	H5	H5				H5	H5	H5	H5	
2/22/2007	XX	LPUD1X258	H5	H5	H5				H5	H5	H5	H5	
3/21/2007	XX	LPUD1X25F	F6	F6	F6				F6	F6	F6	F6	
4/26/2007	XX	LPUD1X262	F6	F6	F6				F6	F6	F6	F6	
5/16/2007	XX	LPUD1X237	F6	F6	F6				F6	F6	F6	F6	
6/21/2007	XX	LPUD1X28C	F6	F6	F6				F6	F6	F6	F6	
7/25/2007	XX	LPUD1X27B	F6	F6	F6				F6	F6	F6	F6	
8/16/2007	XX	LPUD1X2B2	F6	F6	F6				F6	F6	F6	F6	
9/12/2007	XX	LPUD1X2A1	F6	F6	F6				F6	F6	F6	F6	
10/24/2007	XX	LPUD1X2B8	F6	F6	F6				F6	F6	F6	F6	
11/27/2007	XX	LPUD1X2BE	F6	F6	F6				F6	F6	F6	F6	
12/18/2007	XX	LPUD1X2C0	F6	F6	F6				F6	F6	F6	F6	
1/9/2008	XX	LPUD1X2C6	F6	F6	F6				F6	F6	F6	F6	
2/25/2008	XX	LPUD1X2EI	F6	F6	F6				F6	F6	F6	F6	
3/13/2008	XX	LPUD1X2F4	F6	F6	F6				F6	F6	F6	F6	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LP-UD-1)													
4/17/2008	XX	LPUD1X2FA	F6	F6	F6				F6	F6	F6	F6	
5/20/2008	XX	LPUD1X2DF	F6	F6	F6				F6	F6	F6	F6	
6/9/2008	XX	LPUD1X2I0	F6	F6	F6				F6	F6	F6	F6	
7/28/2008	XX	LPUD1X2GJ	D	D	D				D	D	D	D	
8/28/2008	XX	LPUD1X30A	D	D	D				D	D	D	D	
9/25/2008	XX	LPUD1X30G	F6	F6	F6				F6	F6	F6	F6	
10/29/2008	XX	LPUD1X2J9	F6	F6	F6				F6	F6	F6	F6	
11/17/2008	XX	LPUD1X312	F6	F6	F6				F6	F6	F6	F6	
12/23/2008	XX	LPUD1X318	D	D	D				D	D	D	D	
1/14/2009	XX	LPUD1X33J	F6	F6	F6				F6	F6	F6	F6	
2/2/2009	XX	LPUD1X346	F6	F6	F6				F6	F6	F6	F6	
3/11/2009	XX	LPUD1X34E	F6	F6	F6				F6	F6	F6	F6	
4/15/2009	XX	LPUD1X32H	F6	F6	F6				F6	F6	F6	F6	
5/28/2009	XX	LPUD1X352	F6	F6	F6				F6	F6	F6	F6	
6/23/2009	XX	LPUD1X35A	F6	F6	F6				F6	F6	F6	F6	
7/8/2009	XX	LPUD1X371	F6	F6	F6				F6	F6	F6	F6	
8/4/2009	XX	LPUD1X384	F6	F6	F6				F6	F6	F6	F6	
9/1/2009	XX	LPUD1X38D	F6	F6	F6				F6	F6	F6	F6	
10/27/2009	XX	LPUD1X3EG	F6	F6	F6				F6	F6	F6	F6	
11/11/2009	XX	LPUD1X3G0	F6	F6	F6				F6	F6	F6	F6	
12/8/2009	XX	LPUD1X3GA	F6	F6	F6				F6	F6	F6	F6	
1/21/2010	XX	LPUD1X3H2	F6	F6	F6				F6	F6	F6	F6	
2/23/2010	XX	LPUD1X3HE	F6	F6	F6				F6	F6	F6	F6	
3/17/2010	XX	LPUD1X3I3	F6	F6	F6				F6	F6	F6	F6	
4/27/2010	XX	LPUD1X3JF	F6	F6	F6				F6	F6	F6	F6	
5/18/2010	XX	LPUD1X40J	F6	F6	F6				F6	F6	F6	F6	
6/22/2010	XX	LPUD1X417	F6	F6	F6				F6	F6	F6	F6	
7/20/2010	XX	LPUD1X42J	F6	F6	F6				F6	F6	F6	F6	
8/30/2010	XX	LPUD1X44B	F6	F6	F6				F6	F6	F6	F6	
9/28/2010	XX	LPUD1X443	F6	F6	F6				F6	F6	F6	F6	
10/19/2010	XX	LPUD1X463	F6	F6	F6				F6	F6	F6	F6	
11/11/2010	XX	LPUD1X475	F6	F6	F6				F6	F6	F6	F6	
12/16/2010	XX	LPUD1X481	F6	F6	F6				F6	F6	F6	F6	
LP-UD-2													
7/28/2004	XX	LPUD2X05H	480	6.6	12				332	6	180	0	
8/30/2004	XX	LPUD2X084	519	6.1	16				328	6	175	1.6	
9/27/2004	XX	LPUD2X08A	522	6.9	19.9				322	3	265	0	
10/27/2004	XX	LPUD2X079	656	6.8	12.6				311	5	290	0	
11/23/2004	XX	LPUD2X105	574	7.6	9.8				311	5	185	4.1	
12/22/2004	XX	LPUD2X10B	834	7.2	7.6				243	8	250	3.7	
1/26/2005	XX	LPUD2X11D	580	7.2	6.2				262	5	165	0	
2/24/2005	XX	LPUD2X120	498	6.6	6.1				260	6	190	0.4	
3/29/2005	XX	LPUD2X151	517	6.8	8.3				368	5	125	0	
4/28/2005	XX	LPUD2X156	414	6.9	6.4				335	6	205	5.1	
5/11/2005	XX	LPUD2X13A	377	6.7	10.2				339	8	200	0	
6/22/2005	XX	LPUD2X17E	411	7.6	13.3				377	6	155	4.1	
7/27/2005	XX	LPUD2X16I	375	6.9	16.2				302	4		0.9	
8/29/2005	XX	LPUD2X1B4	396	6.7	15.6				253	4	125	60	
9/21/2005	XX	LPUD2X19G	374	7.1	15.3				245	6	190	0	

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(LP-UD-2)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
11/21/2005	XX	LPUD2X1BG	353	7.4	11.8				234	5	155	2.1	
12/27/2005	XX	LPUD2X1C2	430	7.1	4.7				273	6	150	2.5	
1/23/2006	XX	LPUD2X1C7	405	7.2	7.2				273	6	180	1.6	
3/15/2006	XX	LPUD2X1CJ	373	6.8	7.9				324	5	100	1.9	
4/27/2006	XX	LPUD2X1G0	332	7.4	7.2				329	6	130	4.6	
5/24/2006	XX	LPUD2X1EB	349	7.5	12.8				249	5	175	1.5	
6/13/2006	XX	LPUD2X1I9	H5	H5	H5				H5	H5	H5	H5	
7/25/2006	XX	LPUD2X1H8	342	6.4	20.8				231	6	165	1	
8/16/2006	XX	LPUD2X211	H5	H5	H5				H5	H5	H5	H5	
9/11/2006	XX	LPUD2X201	372	6.7	14.9				283	6	110	1.3	
10/19/2006	XX	LPUD2X217	352	7.1	13				246	5	130	2.2	
11/21/2006	XX	LPUD2X21D	289	6.9	10.6				224	1	125	0.8	
12/5/2006	XX	LPUD2X21I	H5	H5	H5				H5	H5	H5	H5	
1/24/2007	XX	LPUD2X24B	H5	H5	H5				H5	H5	H5	H5	
2/22/2007	XX	LPUD2X259	H5	H5	H5				H5	H5	H5	H5	
3/21/2007	XX	LPUD2X25G	210	6.9	8.3				357	5	90	0	
4/26/2007	XX	LPUD2X263	352	7	11.4				263	5	135	1.2	
5/16/2007	XX	LPUD2X238	350	6.6	8.9				423	5	170	0.3	
6/21/2007	XX	LPUD2X28D	289	5.9	12.6				330	6	165	2.8	0.0006
7/25/2007	XX	LPUD2X27C	250	7.4	16				359	6	165	3.4	0.0006
8/16/2007	XX	LPUD2X2B3	334	6.7	16				321	6	125	1.8	0.0006
9/12/2007	XX	LPUD2X2A2	350	6.8	16.1				414	6	140	0.8	0.0006
10/24/2007	XX	LPUD2X2B9	464	7	12.1				273	6	125	0.8	0.0006
11/27/2007	XX	LPUD2X2BF	335	7.4	9.7				259	6	110	0.8	0.0006
12/18/2007	XX	LPUD2X2C1	322	7.6	6.6				323	6	115	1.3	0.0006
1/9/2008	XX	LPUD2X2C7	226	6.8	8.6				244	6	135	1.2	0.0033
2/25/2008	XX	LPUD2X2EJ	333	6.9	6.7				368	6	115	1.5	H6
3/13/2008	XX	LPUD2X2F5	309	7.5	2.9				356	5	70	0	H6
4/17/2008	XX	LPUD2X2FB	302	7.3	9.4				311	5	125	0	H6
5/20/2008	XX	LPUD2X2DG	324	7.5	10.6				388	6	145	1.8	0.0033
6/9/2008	XX	LPUD2X2I1	308	7.1	13.6				373	5	100	0	H6
7/28/2008	XX	LPUD2X2H0	306	6.7	23.8				367	4	140	1	H6
8/28/2008	XX	LPUD2X30B	521	7.3	16.5				325	6	120	0.5	0.0006
9/25/2008	XX	LPUD2X30H	273	6.9	15.4				218	5	110	0.3	H6
10/29/2008	XX	LPUD2X2JA	284	7.6	10.1				511	6	115	1.6	0.0089
11/17/2008	XX	LPUD2X313	282	7.6	9.8				342	5	100	1.3	0.0033
12/23/2008	XX	LPUD2X319	283	7.7	6				220	6	80	2	0.0022 A6
1/14/2009	XX	LPUD2X340	277	7.2	3.1				318	6	70	8.3	0.0022 A6
2/2/2009	XX	LPUD2X347	327	7.4	5.4				364	6	115	4.5	0.0011
3/11/2009	XX	LPUD2X34F	257	6.9	4.9				375	5	100	2.6	0.0033
4/15/2009	XX	LPUD2X32I	311	7.1	10.7				520	6	85	0.8	0.0045
5/28/2009	XX	LPUD2X353	380	7	11.6				307	6	135	4.8	0.0022
6/23/2009	XX	LPUD2X35B	296	7.2	13.1				277	5	115	0.6	0.0022
7/8/2009	XX	LPUD2X372	313	7.4	14.1				158	5	125	0	0.0045
8/4/2009	XX	LPUD2X385	311	6.6	18.3				371	6	225	0.9	0.0022
9/1/2009	XX	LPUD2X38E	279	6.6	18.8				319	6	135	0.8	0.0056
10/27/2009	XX	LPUD2X3EH	353	7	10				179	6	50	1.5	0.0045
11/11/2009	XX	LPUD2X3G1	439	7.3	13.6				377	5	100	0.5	0.0045
12/8/2009	XX	LPUD2X3GB	363	7.8	7				230	4	115	0.5	0.0045
1/21/2010	XX	LPUD2X3H3	370	7.5	6.6				301	5	120	0	0.0045

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LP-UD-2)													
2/23/2010	XX	LPUD2X3HF	353	7.5	7.4				210	5	150	0.2	0.0033
3/17/2010	XX	LPUD2X3I4	324	7.3	9.5				291	6	110	0.9	0.0056
4/27/2010	XX	LPUD2X3JG	324	6.7	8.8				274	6	110	0	0.0045
5/18/2010	XX	LPUD2X410	318	7.3	12				336	5	80	0.2	0.0022
6/22/2010	XX	LPUD2X418	379	7.1	14.9				358	5	110	0	0.0045
7/20/2010	XX	LPUD2X430	315	7.2	19.5				385	6	160	5.9	0.0022
8/30/2010	XX	LPUD2X44C	355	7.2	18.5				271	5	165	0.2	0.0006
9/28/2010	XX	LPUD2X444	312	6.9	17.7				295	6	155	0	0.0022
10/19/2010	XX	LPUD2X464	480	7	10.1				407	6	110	0.1	0.0067
11/11/2010	XX	LPUD2X476	317	7.7	8.9				231	4	125	0	0.0045
12/16/2010	XX	LPUD2X482	331	6.9	7.7				307	5	115	0	0.0045
LP-COMP													
10/27/2004	XX	LPCOMPHD2	665	6.8	12.4				336	6	260	0	
10/21/2005	XX	LPXXXX1BB	483	7.5	10.2				222	3	125	1.2	
2/23/2006	XX	LPXXXX1CE	377	7.3	6.5				375	6	125	1.9	
6/13/2006	XX	LPCOMX1IB	260	7.3	16.2				371	5	175	1.2	
8/16/2006	XX	LPXXXX212	334	7.3	20.7				289	4	110	0	
12/5/2006	XX	LPXXXX21J	405	8.4	6.6				191	4	135	1.2	
1/24/2007	XX	LPXXXX24D	415	6.7	10.3				433	5	85	0.6	
2/22/2007	XX	LPXXXX25B	419	6.9	7.7				306	5	120	4	
MW-204													
11/13/1990	XX	MW-204XX33190	170	7.8	8	3.93	160.82						
2/19/1991	XX	MW-204XX33288	F	F	F	F							
6/3/1991	XX	MW-204XX33392	160	7.9	12.8	3.25	161.5						
9/16/1991	XX	MW-204XX33497	210	7.2	11.1	7.19	157.56						
12/17/1991	XX	MW-204XX33589	100	9.2	-1	4.23	160.52						
3/2/1992	XX	MW-204XX33605	F	F	F	F							
6/23/1992	XX	MW-204XX33778	130	8.2	8	6.44	158.31						
8/17/1992	XX	MW-204XX33833	140	7.8	7.5	8.27	156.48						
1/26/1993	XX	MW-204XX33995	120	7.1	2	5.84	158.91						
4/27/1993	XX	MW-204XX34086	150	7.6	4.5	4.94	159.81						
7/21/1993	XX	MW-204XX34171	110	7.5	11.7	9.52	155.23						
10/12/1993	XX	MW-204XX34254	180	7.1	8.5	14.22	150.53						
1/11/1994	XX	MW-204XX34345	140	7.6	5.5	6.88	157.87						
5/26/1994	XX	MW-204XX34480	100	6.8	4.5	4.98	159.77						
8/8/1994	XX	MW-204XX34554	110	6.7	11	5.26	159.49						
11/15/1994	XX	MW-204XX34653	180	7.4	9.3	5.03	159.72						
2/7/1995	XX	MW-204XX34737	180	6.5	5	5.38	159.37						
5/23/1995	XX	MW-204XX34842	290	7.4	7.2	4.8	159.95						
8/15/1995	XX	MW-204XX34926	110	7.4	9.4	8.03	156.72						
11/30/1995	XX	MW-204XX35033	180	7.1	6.6	5.17	159.58						
2/27/1996	XX	MW-204XX35122	130	6.3	6.6	5.88	158.87						
5/21/1996	XX	MW-204XX35206	110	7.1	7.2	4.26	160.49						
11/25/1996	XX	MW-204XX35394	150	6.4	7.7	9.27	155.48			3.5		6.8	
3/25/1997	XX	MW-204808-35514	121	6.08	5.4	9.48	155.27			5.2		13	
6/3/1997	XX	MW-204809-35584	162	6.59	8.9	8.91	155.84		54.8	2.2		27	
9/9/1997	XX	MW-204810-35682	182	5.77	11.1	8.88	155.87		88.3	2.6		1	
12/3/1997	XX	MW-204811-35767	150	6.58	8	8.88	155.87		35.2			31	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(MW-204)													
3/23/1998	XX	MW-204812-35877	160	6.59	5.1	8.8	155.95		42.1			2	
6/8/1998	XX	MW-204813-35954	174	6.31	7.9	9.06	155.69		167.5	3.4		0	
9/9/1998	XX	MW-204814-36047	189	5.91	12.6	11.03	153.72		181.3	2.1		0	
12/14/1998	XX	MW-204815-36143	195	6.6	7.8	8.9	155.85		217.3	3.6		0	
3/29/1999	XX	MW-204816-36248	164	6.4	7.9	8.53	156.22		278	2.8		2	
6/8/1999	XX	MW-204817-36319	170	6.18	12.6	8.67	156.08		267	0.5		0	
9/13/1999	XX	MW-204818-36416	172	6.19	13.8	10.38	154.37		228.8	0.8		12	
12/1/1999	XX	MW-204819-36495	175	6.58	8.5	8.45	156.3		283.2	1.7		0	
3/27/2000	XX	MW-204820-36612	172	6.47	7.4	8.64	156.11			2		0	
6/12/2000	XX	MW-204821-36689	176	6.61	10.7	8.66	156.09			0.6		0	
9/12/2000	XX	MW-204822-36781	168	6.64	12.6	11.82	152.93			1.3		0	
12/11/2000	XX	MW-204823-36871	148	6.75	9	9.39	155.36			2.3		0	
3/12/2001	XX	MW-204824-36962	142	6.37	6.7	9.5	155.25			1.6		3	
6/18/2001	XX	MW-204825-37060	167	6.39	11.3	9.23	155.52			0.9		9	
9/10/2001	XX	MW-204826-37144	142	6.21	14.1	10.52	154.23			0.7		0	
12/11/2001	XX	MW-204827-37236	159	6.56	9.9	9.63	155.12			1.4		0	
3/13/2002	XX	MW-204828-37328	183	6.55	7.8	8.76	155.99			1.2		0	
6/17/2002	XX	MW-204829-37424	225	6.49	9.8	8.65	156.1			0.6		0	
9/18/2002	XX	MW-204830-37517	268	6.39	13.2	11.95	152.8			0.9		0	
12/9/2002	XX	MW-204831-37599	325	6.25	7.6	9.47	155.28			2.2		0	
3/25/2003	XX	MW-204N37705	264	6.32	6.4					0.7			
6/25/2003	XX	MW-204N37797	245	6.42	10.1					1.2			
9/17/2003	XX	MW-204N37881	238	6.19	14					1.4			
1/29/2004	XX	GW204X03A	252	6.6	4.2	9.45	155.3			1		1.3	
5/4/2004	XX	GW204X008	206	6.2	8.2	8.92	155.83		301	2	95	1.6	
7/27/2004	XX	GW204X03G	211	6.4	12.3	9.49	155.26		280	1	140	1.4	
10/25/2004	XX	GW204X07D	263	6.3	10.9	9.14	155.61	24.43	345	1	125	0.4	
5/9/2005	XX	GW204X13E	160	6.8	9.3	8.35	156.4		273	2	100	0	
8/1/2005	XX	GW204X172	211	6.7	14.2	9.23	155.52		302	1	95	0	
9/20/2005	XX	GW204X1A0	325	6.9	16.4	9.68	155.07	24.41	268	3	75	1.5	
5/23/2006	XX	GW204X1EF	235	7	8	9.05	155.7		334	1	135	0.4	
7/24/2006	XX	GW204X1HC	205	6.7	16.7	8.92	155.83		245	1	120	0	
9/11/2006	XX	GW204X205	199	5.7	13.5	9.2	155.55	24.4	223	1	100	0	
5/14/2007	XX	GW204X23C	214	7.1	12.4	9.5	155.25		479	2	100	0.4	
7/23/2007	XX	GW204X27G	254	6.3	16	9.71	155.04		390	2	85	6.7	
9/10/2007	XX	GW204X2A6	301	6.4	14.2	10.65	154.1	24.45	300	1	125	0.4	
5/21/2008	XX	GW204X2E0	340	6.5	9.2	9.72	155.03		309	1	120	0	
7/30/2008	XX	GW204X2H4	220	6.9	15.2	9.52	155.23		358	2	85	0.1	
10/28/2008	XX	GW204X2JE	188	7.4	12.5	9.12	155.63	24.45	437	1	100	4.3	
4/13/2009	XX	GW204X332	214	6.3	8.8	9.1	155.65		442	3	95	0.9	
7/6/2009	XX	GW204X376	223	7.1	13.6	8.4	156.35		334	1	95	1	
10/26/2009	XX	GW204X3F1	309	6.6	10.8	8.7	156.05	24.42	491	5	70	0.8	
4/28/2010	XX	GW204X400	216	6.6	7	9.22	155.53		357	0.6	60	1.6	
7/19/2010	XX	GW204X434	175	6.6	18	9.82	154.93		379	2	110	2	
10/19/2010	XX	GW204X468	200	7.5	12.1	9.32	155.43	24.45	306	0.6	70	0	
MW-206													
4/27/1993	XX	MW-206XX34086	140	8.2	6.5	3.9	200.77						
7/21/1993	XX	MW-206XX34171	110	7.5	10.6	9.48	195.19						
10/13/1993	XX	MW-206XX34255	150	8.1	7.8	16.87	187.8						

SUMMARY REPORT
Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-206)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
1/11/1994	XX	MW-206XX34345	110	8	5	4.98	199.69						
5/26/1994	XX	MW-206XX34480	140	7.6	2.9	4.5	200.17						
8/8/1994	XX	MW-206XX34554	110	6.9	11	10.14	194.53						
11/16/1994	XX	MW-206XX34654	140	7.8	8.6	10.65	194.02						
2/7/1995	XX	MW-206XX34737	150	6.2	4.6	4.65	200.02						
5/24/1995	XX	MW-206XX34843	130	8.1	6.6	4.19	200.48						
8/15/1995	XX	MW-206XX34926	90	8.2	9	10.03	194.64						
11/30/1995	XX	MW-206XX35033	120	8.1	6.6	4.28	200.39						
2/27/1996	XX	MW-206XX35122	F	F	F	F							
5/21/1996	XX	MW-206XX35206	100	8	7.8	3.9	200.77						
11/26/1996	XX	MW-206XX35395	151	6.6	7.7	6.3	198.37			2.5		6.3	
3/25/1997	XX	MW-206824-35514	108	7.83	5.6	6.45	198.22			10.4		17	
6/2/1997	XX	MW-206825-35583	143	8.3	8.7	4.71	199.96		31.1	2.4		40	
9/8/1997	XX	MW-206826-35681	159	8.03	11	8.7	195.97		55.5	8.1		0	
12/3/1997	XX	MW-206827-35767	124	7.63	6	7.09	197.58		55.1			3	
3/23/1998	XX	MW-206828-35877	134	8.49	4.1	4.23	200.44		56.4			0	
6/8/1998	XX	MW-206829-35954	139	8.24	8.1	6.26	198.41		110.5	7.8		0	
9/8/1998	XX	MW-206830-36046	148	7.73	10.6	11.37	193.3		169.2	8.7		0	
12/14/1998	XX	MW-206831-36143	159	8.14	6.6	7.81	196.86		139.2	10.9		0	
3/29/1999	XX	MW-206832-36248	142	8.22	4.7	3.91	200.76		263.6	10.5		0	
6/8/1999	XX	MW-206833-36319	133	8.11	11.3	5.29	199.38		238.2	9.3		0	
9/15/1999	XX	MW-206834-36418	134	8.12	11.6	15.44	189.23		217.4	7.8		0	
12/1/1999	XX	MW-206835-36495	137	7.83	6.6	4.25	200.42		233.9	8.7		0	
3/27/2000	XX	MW-206836-36612	133	7.97	5.5	4.5	200.17			8.3		0	
6/12/2000	XX	MW-206837-36689	132	8.02	8.2	4.68	199.99			7.3		0	
9/13/2000	XX	MW-206838-36782	133	7.97	10.9	13.05	191.62			6.9		0	
12/11/2000	XX	MW-206839-36871	122	8.37	7.3	12.6	192.07			9.4		0	
3/13/2001	XX	MW-206840-36963	113	8.45	3.2	7.76	196.91			10		6	
6/18/2001	XX	MW-206841-37060	124	8.02	9.7	7.77	196.9			7		0	
9/10/2001	XX	MW-206842-37144	109	7.82	12	14.8	189.87			8.1		0	
12/12/2001	XX	MW-206843-37237	117	8.02	6.8	18.57	186.1			8.4		0	
3/13/2002	XX	MW-206844-37328	114	8.15	5.3	4.17	200.5			8.1		1	
6/17/2002	XX	MW-206845-37424	116	7.97	9	4.65	200.02			7.2		0	
9/18/2002	XX	MW-206846-37517	124	7.78	11.1	14.1	190.57			6		0	
12/9/2002	XX	MW-206847-37599	137	7.43	5.7	6.22	198.45			6.3		0	
3/26/2003	XX	MW-206N37706	115	8.18	5.4					7.1			
6/25/2003	XX	MW-206N37797	117	7.74	10.1					8.6			
9/17/2003	XX	MW-206N37881	124	7.67	11					7.3			
5/6/2004	XX	GW206X010	132	7.8	7.8	3.08	201.59		298	8	70	6.9	
7/28/2004	XX	GW206X047	139	6.7	10.8	6.48	198.19		312	8	75	0.8	
10/26/2004	XX	GW206X062	160	7.8	9.6	7.09	197.58	23.05	301	8	85	11.2	
5/11/2005	XX	GW206X123	129	7.8	14.7	4.13	200.54		332	6	100	0	
7/28/2005	XX	GW206X15B	89	8.6	13.6	5.06	199.61		290	5	85	0.1	
9/19/2005	XX	GW206X189	120	7.1	14	5.8	198.87	23.02	208	6	70	0	
5/24/2006	XX	GW206X1D4	140	6.4	11.8	4.43	200.24		400	6	60	0	
7/25/2006	XX	GW206X1G1	134	7.2	17.5	4.3	200.37		329	6	100	0.9	
9/12/2006	XX	GW206X1IE	146	7.4	14.9	6.92	197.75	23.13	320	6	85	0	
5/14/2007	XX	GW206X221	150	7.5	12.2	5.45	199.22		366	6	90	0	
7/25/2007	XX	GW206X265	156	8	14.7	9.77	194.9		335	6	50	0	
9/11/2007	XX	GW206X28F	137	8.3	11.7	13.5	191.17	23.12	263	6	70	0	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(MW-206)													
5/20/2008	XX	GW206X2C9	134	8.4	10.7	5.83	198.84		293	5	80	0.5	
7/29/2008	XX	GW206X2FD	129	8.3	15.8	5.84	198.83		212	5	85	0	
10/27/2008	XX	GW206X2I3	129	8	11.6	4.8	199.87	23.08	262	5	85	0	
4/13/2009	XX	GW206X31B	151	8.1	7.3	5.11	199.56		371	6	70	0.4	
7/6/2009	XX	GW206X35F	158	8.4	13.4	5.49	199.18		308	5	60	0.5	
10/28/2009	XX	GW206X3DA	141	8.3	8.5	6.05	198.62	23.08	342	5	30	0.8	
4/26/2010	XX	GW206X3I9	135	7.4	11.2	5.3	199.37		302	5	60	0.3	
7/19/2010	XX	GW206X41D	160	7.4	14	10.4	194.27		227	4	70	1	
10/18/2010	XX	GW206X44H	187	7.7	9.9	6.85	197.82	23.08	20	3	70	1.9	
MW-207													
11/13/1990	XX	MW-207XX33190	310	8	8	4.07	213.89						
2/19/1991	XX	MW-207XX33288	260	7.3	5.5	5	212.96						
6/4/1991	XX	MW-207XX33393	220	6.8	9.4	3.73	214.23						
9/17/1991	XX	MW-207XX33498	220	6.5	12.2	9.93	208.03						
12/17/1991	XX	MW-207XX33589	140	7.5	1	5.36	212.6						
3/2/1992	XX	MW-207XX33665	F	F	F	F							
6/23/1992	XX	MW-207XX33778	180	8.8	10	7.3	210.66						
8/17/1992	XX	MW-207XX33833	190	8.2	10	11.11	206.85						
1/26/1993	XX	MW-207XX33905	170	7.3	4	9.5	208.46						
4/27/1993	XX	MW-207XX34086	150	7.3	5.5	4.05	213.91						
7/22/1993	XX	MW-207XX34172	120	7	10.6	9.64	208.32						
10/13/1993	XX	MW-207XX34255	150	6.9	8.8	18.46	199.5						
1/11/1994	XX	MW-207XX34345	150	8	4.5	5.3	212.66						
5/26/1994	XX	MW-207XX34480	110	7.2	7.4	4.36	213.6						
8/8/1994	XX	MW-207XX34554	110	6.7	11	6.71	211.25						
11/16/1994	XX	MW-207XX34654	150	7.3	8.3	6.44	211.52						
2/7/1995	XX	MW-207XX34737	160	6.6	5.3	4.71	213.25						
5/24/1995	XX	MW-207XX34843	160	7.6	7.2	4.3	213.66						
8/16/1995	XX	MW-207XX34927	110	7.3	9.8	9.19	208.77						
11/30/1995	XX	MW-207XX35033	130	7.7	5.8	4.32	213.64						
2/27/1996	XX	MW-207XX35122	120	7.8	6.8	3.83	214.13						
5/21/1996	XX	MW-207XX35206	100	7.7	12.1	3.65	214.31						
11/26/1996	XX	MW-207XX35395	160	6.3	7.9	5.61	212.35			1.5		17.1	
3/24/1997	XX	MW-207825-35513	147	6.86	5	7.23	210.73			1.1		13	
6/2/1997	XX	MW-207826-35583	168	6.95	7.7	4.95	213.01		32.9	4.15		42	
9/8/1997	XX	MW-207827-35681	202	6.77	11.1	6.64	211.32		29.5	1.3		0	
12/3/1997	XX	MW-207828-35767	128	6.78	6	5.92	212.04		12.9			20	
3/23/1998	XX	MW-207829-35877	120	6.78	4.5	4.3	213.66		17.6			19	
6/8/1998	XX	MW-207830-35954	135	6.76	7.9	6.19	211.77		56.9	0.9		0	
9/8/1998	XX	MW-207831-36046	142	6.56	10.1	11.8	206.16		8.4	1.5		0	
12/14/1998	XX	MW-207832-36143	182	6.77	7.9	7.2	210.76		35.9	2		0	
3/29/1999	XX	MW-207833-36248	144	6.74	6.2	3.64	214.32		297.2	2.1		20	
6/8/1999	XX	MW-207834-36319	132	6.91	11.3	5.31	212.65		230.8	0.7		0	
9/13/1999	XX	MW-207835-36416	157	6.77	12.6	16.18	201.78		158.6	1.8		7	
12/1/1999	XX	MW-207836-36495	114	6.73	6.6	4.29	213.67		274.3	1		0	
3/27/2000	XX	MW-207837-36612	219	6.47	7.1	3.61	214.35			1.3		0	
6/12/2000	XX	MW-207838-36689	260	6.65	8.8	4.25	213.71			0.7		0	
9/12/2000	XX	MW-207839-36781	253	6.82	10.9	14.44	203.52			0.6		12	
12/11/2000	XX	MW-207840-36871	191	6.75	7.7	10.9	207.06			1		170	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(MW-207)													
3/13/2001	XX	MW-207841-36963	117	6.79	3.1	9.99	207.97			2.3		13	
6/18/2001	XX	MW-207842-37060	127	6.57	11.4	8.26	209.7			0.5		44	
9/10/2001	XX	MW-207843-37144	90	6.43	11.5	16.3	201.66			0.5		0	
12/11/2001	XX	MW-207844-37236	174	6.88	5.9	18.1	199.86			1.3		26	
3/13/2002	XX	MW-207845-37328	82	6.46	6.1	4.04	213.92			1.1		34	
6/17/2002	XX	MW-207846-37424	91	6.6	8.7	4.62	213.34			0.9		16	
9/18/2002	XX	MW-207847-37517	105	6.74	10.4	16.7	201.26			1.3		2	
12/9/2002	XX	MW-207848-37599	106	6.63	6.1	6.11	211.85			4.2			
3/26/2003	XX	MW-207N37706	80	6.4	6					2			
6/25/2003	XX	MW-207N37797	97	6.47	10					1.7			
9/17/2003	XX	MW-207N37881	90	6.55	10.6					1.9			
5/5/2004	XX	GW207X011	125	6.8	16.8	3.69	214.27		297	0.6	60	3.5	
7/28/2004	XX	GW207X048	139	7.2	11	7.48	210.48		319	2	100	0.7	
10/25/2004	XX	GW207X063	173	7.3	10.6	8	209.96	32.58	208	1	90	5.1	
1/25/2005	XX	GW207X115	143	6.3	4.4	4.92	213.04		307	1		9.2	
5/12/2005	XX	GW207X124	149	7.4	7.7	3.7	214.26		191	1	110	0.7	
8/1/2005	XX	GW207X15C	157	7.5	15.2	4.6	213.36		226	1	75	0	
9/19/2005	XX	GW207X18A	164	7.9	18.8	4.35	213.61	32.83	269	5	120	0	
5/22/2006	XX	GW207X1D5	141	7.5	12.8	3.91	214.05		211	3	100	0	
7/25/2006	XX	GW207X1G2	176	7.7	15.1	4	213.96		176	1	65	0.8	
9/11/2006	XX	GW207X1IF	160	6.6	16	6.59	211.37	32.82	240	1	95	0.6	
5/14/2007	XX	GW207X222	183	7.1	13	6.15	211.81		386	1	85	0.8	
7/25/2007	XX	GW207X266	238	7.5	16.8	8.85	209.11		237	1	95	0	
9/10/2007	XX	GW207X28G	273	6.7	13.6	13.11	204.85	32.6	178	2	115	0	
5/19/2008	XX	GW207X2CA	232	7.4	10.7	5.6	212.36		352	1	130	2	
7/29/2008	XX	GW207X2FE	231	6.8	19.4	6.7	211.26		-23	1	140	0.6	
10/28/2008	XX	GW207X2I4	288	6.3	12.4	6.25	211.71	32.55	174	0.8	160	0.4	
4/13/2009	XX	GW207X31C	508	7.1	8.1	5.25	212.71		87	0.4	155	1	
7/6/2009	XX	GW207X35G	601	6.7	18.2	4.82	213.14		72	1	310	12	
10/26/2009	XX	GW207X3DB	151	6.3	9.2	8.27	209.69	20.1	304	1	130	1.2	
4/26/2010	XX	GW207X3IA	490	6.3	15.3	5.75	212.21		172	1	205	7.9	
7/19/2010	XX	GW207X41E	522	6.3	16.8	14.1	203.86		-15	0.6	275	2.5	
10/18/2010	XX	GW207X44I	538	6.7	9.3	12.87	205.09	32.8	44	0.3	175	0.3	
MW-212													
11/13/1990	XX	MW-212XX33190	I	I	I	19.85	200.23						
2/19/1991	XX	MW-212XX33288	190	6.7	5.5	18.88	201.2						
6/3/1991	XX	MW-212XX33392	100	8.1	8.9	18.45	201.63						
9/16/1991	XX	MW-212XX33497	D	D	D	D							
12/17/1991	XX	MW-212XX33589	100	7.6	6	18.93	201.15						
3/2/1992	XX	MW-212XX33665	110	5.4	5.6	19.14	200.94						
6/23/1992	XX	MW-212XX33778	D	D	D	D							
8/17/1992	XX	MW-212XX33833	D	D	D	D							
1/26/1993	XX	MW-212XX33995	D	D	D	D							
4/27/1993	XX	MW-212XX34086	250	6.9	5.5	15.14	204.94						
7/21/1993	XX	MW-212XX34171	D	D	D	D							
10/12/1993	XX	MW-212XX34254	D	D	D	D							
1/11/1994	XX	MW-212XX34345	100	7.3	5	19.43	200.65						
5/26/1994	XX	MW-212XX34480	80	7.2	7.8	16.45	203.63						
11/15/1994	XX	MW-212XX34653	D	D	D	D							

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(MW-212) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
2/8/1995	XX	MW-212XX34738	184	6.9	4.8	18.79	201.29						
5/24/1995	XX	MW-212XX34843	70	7.4	8.2	15.8	204.28						
8/15/1995	XX	MW-212XX34926	D	D	D	D							
11/30/1995	XX	MW-212XX35033	D	D	D	D							
2/27/1996	XX	MW-212XX35122	20	6.9	6.5	16.13	203.95						
5/21/1996	XX	MW-212XX35206	80	6.2	6.4	13.63	206.45						
11/26/1996	XX	MW-212XX35395	D	D	D	D				D		D	
3/24/1997	XX	MW-212826-35513	F	F	F	F			F	F		F	
6/2/1997	XX	MW-212827-35583	59	6.26	12.8	16.62	203.46		5.9	3.9		0	
3/23/1998	XX	MW-212830-35877	97	6.09	3.6	15.11	204.97		61			0	
6/8/1998	XX	MW-212831-35954	54	6.41	9.9	18.97	201.11		164			0	
3/29/1999	XX	MW-212834-36248	117	6.2	6.6	12.76	207.32		258.3	10.1		3	
6/8/1999	XX	MW-212835-36319	50	6.3	14.5	19.58	200.5		191.8	9.1		0	
12/1/1999	XX	MW-212837-36495	59	6.33	6.2	18.14	201.94		232.8	9.4		0	
3/27/2000	XX	MW-212838-36612	106	6.33	6.7	14.73	205.35			9.3		0	
6/12/2000	XX	MW-212839-36689	57	6.4	8	17.73	202.35			10		0	
3/13/2002	XX	MW-212840-37328	148	5.85	6.2	17.95	202.13			6.7		6	
6/17/2002	XX	MW-212841-37424	51	6.12	8.8	18.7	201.38			7.2		0	
3/26/2003	XX	MW-212N37706	42	6.07	5.9					8.4			
6/25/2003	XX	MW-212N37797	44	6.3	11					9.4			
5/5/2004	XX	GW212X00B	46	6.6	11	17.01	203.07		373	8	25	3.7	
7/27/2004	XX	GW212X03J	D	D	D	D			D	D	D	D	
10/27/2004	XX	GW212X07F	D	D	D	D		20.06	D	D	D	D	
5/12/2005	XX	GW212X13G	81	7.4	6.4	12.77	207.31		428	5	65	2.7	
8/1/2005	XX	GW212X174	81	6.4	14.2	18.25	201.83		253	6	20	0	
9/20/2005	XX	GW212X1A2	I	I	I	19.78	200.3	20.1	I	I	I	I	
5/22/2006	XX	GW212X1EH	48	6.5	8.9	16.4	203.68		241	6	25	2.5	
7/25/2006	XX	GW212X1HE	41	7.7	15.9	17.21	202.87		309	6	30	2.6	
9/11/2006	XX	GW212X207	I	I	I	I	I	20.1	I	I	I	I	
5/14/2007	XX	GW212X23E	61	7.4	10.3	17.2	202.88		467	6	25	1.5	
7/24/2007	XX	GW212X27I	D	D	D	D			D	D	D	D	
9/10/2007	XX	GW212X2A8	D	D	D	D		20.1	D	D	D	D	
5/19/2008	XX	GW212X2E2	84	7.4	11.2	17.2	202.88		334	5	40	1.6	
7/29/2008	XX	GW212X2H6	D	D	D	D			D	D	D	D	
10/28/2008	XX	GW212X2JG	D	D	D	D			D	D	D	D	
4/13/2009	XX	GW212X334	205	5.9	6.7	15.5	204.58		560	4	40	0.7	
7/6/2009	XX	GW212X378	196	6.3	14.2	16.3	203.78		112	5	50	7.1	
10/26/2009	XX	GW212X3F3	D	D	D	D			D	D	D	D	
4/26/2010	XX	GW212X402	289	6.3	10.2	17.8	202.28		347	4	25	1.9	
7/19/2010	XX	GW212X436	D	D	D	D			D	D	D	D	
10/18/2010	XX	GW212X4[illegible]A	D	D	D	D			D	D	D	D	
MW-216A													
11/12/1990	XX	MW-216AXX33189	240	7.6	6	4.82	155.49						
2/19/1991	XX	MW-216AXX33288	210	8.6	5.5	5.36	154.95						
6/4/1991	XX	MW-216AXX33393	170	9	9.4	5.48	154.83						
9/16/1991	XX	MW-216AXX33497	260	8.9	8.9	6.92	153.39						
12/17/1991	XX	MW-216AXX33589	180	9	5	5.4	154.91						
3/2/1992	XX	MW-216AXX33665	210	7.5	3.3	5.53	154.78						
6/23/1992	XX	MW-216AXX33778	180	9.6	8.5	6.48	153.83						

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(MW-216A)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
8/17/1992	XX	MW-216AXX33833	170	8.4	7.5	8.19	152.12						
1/26/1993	XX	MW-216AXX33995	160	7.4	3	6.51	153.8						
4/27/1993	XX	MW-216AXX34086	210	8	6	5.21	155.1						
7/21/1993	XX	MW-216AXX34171	150	7.8	8.3	8.4	151.91						
10/13/1993	XX	MW-216AXX34255	210	8.5	6.4	12.39	147.92						
1/12/1994	XX	MW-216AXX34346	150	6.7	5	6.55	153.76						
5/26/1994	XX	MW-216AXX34480	140	6.5	7.8	5.65	154.66						
8/8/1994	XX	MW-216AXX34554	120	6.8	8.5	7.4	152.91						
11/15/1994	XX	MW-216AXX34653	180	9	7.4	5.98	154.33						
2/7/1995	XX	MW-216AXX34737	210	6.3	5.6	6	154.31						
5/23/1995	XX	MW-216AXX34842	280	8.4	8	5.4	154.91						
8/15/1995	XX	MW-216AXX34926	170	8.6	8.8	8.07	152.24						
11/30/1995	XX	MW-216AXX35033	150	8.2	2.9	5.57	154.74						
2/27/1996	XX	MW-216AXX35122	160	8.5	7.3	5.98	154.33						
5/21/1996	XX	MW-216AXX35206	130	8.2	8.8	5.19	155.12						
11/25/1996	XX	MW-216AXX35394	170	9	6.8	6.3	154.01			1		0.9	
3/25/1997	XX	MW-216A809-35514	154	8.27	6.3	6.77	153.54			1.9			
6/2/1997	XX	MW-216A810-35583	194	8.58	9.2	6.28	154.03		74.2	1.6		0	
9/9/1997	XX	MW-216A811-35682	215	8.42	8.7	7.1	153.21		79.8	4.4		0	
12/3/1997	XX	MW-216A812-35767	165	8.09	6.5	6.24	154.07		75.2			6	
3/25/1998	XX	MW-216A813-35879	174	8.73	7.2	6.3	154.01		65.7	3.8		12	
6/11/1998	XX	MW-216A814-35957	192	8.46	10.8	7.12	153.19		85.4	1.2		0	
9/8/1998	XX	MW-216A815-36046	202	8.54	9.8	10.07	150.24		163.5	1.2		0	
12/14/1998	XX	MW-216A816-36143	203	8.2	6	6.85	153.46		65	1.4		0	
3/30/1999	XX	MW-216A817-36249	192	8.53	8	6.11	154.2		287.3	1.2		6	
6/9/1999	XX	MW-216A818-36320	186	8.62	8.7	6.38	153.93		233.8	1.3		0	
9/14/1999	XX	MW-216A819-36417	177	8.41	9.6	9.81	150.5		234.2	2.7		11	
12/2/1999	XX	MW-216A820-36496	185	7.81	6.7	5.88	154.43		255.7	5		0	
3/28/2000	XX	MW-216A821-36613	182	8.52	7.8	5.88	154.43			0.5		300	
6/13/2000	XX	MW-216A822-36690	182	8.53	8.4	6.12	154.19			2.3		165	
9/13/2000	XX	MW-216A823-36782	180	8.56	8.7	9.64	150.67			2.1		750	
12/12/2000	XX	MW-216A824-36872	160	8.67	8.2	6.5	153.81			3.7		0	
3/14/2001	XX	MW-216A825-36964	147	8.57	7.2	7.36	152.95			3.8		130	
6/19/2001	XX	MW-216A826-37061	157	8.1	10.2	8	152.31			0.4		8	
9/11/2001	XX	MW-216A827-37145	141	8.44	8.7	9.44	150.87			0		0	
12/12/2001	XX	MW-216A828-37237	156	8.43	7	8.55	151.76			2.5		80	
3/14/2002	XX	MW-216A829-37329	160	8.45	7.9	6.38	153.93			0.4		189	
6/18/2002	XX	MW-216A830-37425	156	8.25	9.1	6.07	154.24			1.4		359	
9/19/2002	XX	MW-216A831-37518	164	8.54	9.1	9.35	150.96			4.1		275	
12/10/2002	XX	MW-216A832-37600	180	8.34	7.8	6.4	153.91			0		490	
3/26/2003	XX	MW-216AN37706	157	8.29	7.8					1.7			
6/26/2003	XX	MW-216AN37798	163	8.28	10.5					0.7			
9/18/2003	XX	MW-216AN37882	163	8.51	8.8					2.8			
5/6/2004	XX	GW216AHA0	172	7.1	8.8	5.93	154.38		252	1	100	1.2	
7/26/2004	XX	GW216A057	152	7.7	12.2	6.7	153.61		232	0.8	95	0	
10/26/2004	XX	GW216A070	228	7.3	8.5	6.18	154.13	47.15	205	2	105	0	
5/10/2005	XX	GW216A131	163	7	13.6	5.65	154.66		221	2	125	0	
7/27/2005	XX	GW216A169	188	7.4	15.5	7.25	153.06		96	1	115	0	
9/22/2005	XX	GW216A197	185	7.7	11.3	7.11	153.2	47.17	43	0.3	100	0	
5/23/2006	XX	GW216A1E2	252	6.8	11.1	5.92	154.39		311	1	175	0.3	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(MW-216A)													
7/25/2006	XX	GW216A1GJ	199	6.9	15.9	5.9	154.41		340	1	135	0	
9/12/2006	XX	GW216A1JC	199	6	13.7	6.4	153.91	47.25	247	1	85	0	
5/15/2007	XX	GW216A22J	183	7.2	7.8	5.61	154.7		361	2	45	0	
7/24/2007	XX	GW216A273	181	7.4	13.6	6.35	153.96		449	2	50	0	
9/10/2007	XX	GW216A29D	177	7.5	10.6	7.4	152.91	47.17	216	0.3	75	0	
5/20/2008	XX	GW216A2D7	170	7.2	10.1	5.32	154.99		206	2	100	0	
7/28/2008	XX	GW216A2GB	185	7.2	14.4	5.29	155.02		56	0.4	70	0.9	
10/28/2008	XX	GW216A2J1	176	7.2	10.7	5.5	154.81	47.12	16	0.8	90	1.2	
4/14/2009	XX	GW216A329	181	7	8.3	5.6	154.71		362	2	60	0	
7/7/2009	XX	GW216A36D	DE	DE	DE	DE			DE	DE	DE	DE	
MW-216B													
11/12/1990	XX	MW-216BXX33189	180	6.6	8	5.07	155.24						
2/19/1991	XX	MW-216BXX33288	110	7.1	5.5	5.73	154.58						
6/4/1991	XX	MW-216BXX33393	100	7.5	7.2	5.71	154.6						
9/16/1991	XX	MW-216BXX33497	150	8	11.7	7.17	153.14						
12/17/1991	XX	MW-216BXX33589	80	8.5	7	5.11	155.2						
3/2/1992	XX	MW-216BXX33665	80	6.1	3.3	5.67	154.64						
6/23/1992	XX	MW-216BXX33778	100	8.4	8.5	6.65	153.66						
8/17/1992	XX	MW-216BXX33833	110	7.8	8.5	8.35	151.96						
1/26/1993	XX	MW-216BXX33995	120	7.3	3	6.59	153.72						
4/27/1993	XX	MW-216BXX34086	110	7.5	6	5.32	154.99						
7/21/1993	XX	MW-216BXX34171	90	7.6	8.3	8.53	151.78						
10/13/1993	XX	GW216X064	91	5.7	9.3	5.9	154.41	21.95	273	2	50	0	
10/13/1993	XX	MW-216BXX34255	150	6.4	8	13.1	147.21						
1/12/1994	XX	MW-216BXX34346	120	6.9	5	6.65	153.66						
5/26/1994	XX	MW-216BXX34480	100	6.5	5.6	5.69	154.62						
8/8/1994	XX	MW-216BXX34554	70	7	10	7.38	152.93						
11/15/1994	XX	MW-216BXX34653	100	6.7	9.5	6.05	154.26						
2/7/1995	XX	MW-216BXX34737	130	6.3	5.3	6	154.31						
5/23/1995	XX	MW-216BXX34842	240	7.1	6.6	6	154.31						
8/15/1995	XX	MW-216BXX34926	70	6.6	9.4	8.11	152.2						
11/30/1995	XX	MW-216BXX35033	90	6.9	7.9	5.69	154.62						
2/27/1996	XX	MW-216BXX35122	120	7.1	6.5	6	154.31						
5/21/1996	XX	MW-216BXX35206	90	6.1	6.2	5.13	155.18						
11/25/1996	XX	MW-216BXX35394	170	7	7.9	6.32	153.99			2.5		1	
3/25/1997	XX	MW-216B810-35514	115	6.59	4.9	6.52	153.79			6.3			
6/2/1997	XX	MW-216B811-35583	141	6.61	6.7	6.23	154.08		35.2	1.6		3	
9/9/1997	XX	MW-216B812-35682	161	6.14	9.9	6.89	153.42		58.2	3.6		25	
12/3/1997	XX	MW-216B813-35767	127	6.4	7.8	6.19	154.12		36.9			43	
3/25/1998	XD	MW-216B815-35955	130	6.22	10	6.96	153.35		153.5	5.3		0	
3/25/1998	XX	MW-216B814-35879	150	7.06	5.7	6.22	154.09		30.1	6.6		59	
9/8/1998	XX	MW-216B816-36046	203	6.8	10.9	9.44	150.87		115.5	5.4		0	
12/14/1998	XX	MW-216B817-36143	195	6.87	6.6	7.18	153.13		252.4	5.8		0	
3/30/1999	XX	MW-216B818-36249	151	6.98	7.5	6.58	153.73		268.4	5.7		2	
6/9/1999	XX	MW-216B819-36320	108	6.14	8.8	7.23	153.08		233.1	3.1		0	
9/14/1999	XX	MW-216B820-36417	132	6.35	12.5	9.69	150.62		219.7	2.8		0	
12/2/1999	XX	MW-216B821-36496	76	5.8	7.4	5.87	154.44		285.5	2		0	
3/28/2000	XX	MW-216B822-36613	127	6.25	6.5	5.86	154.45			3.2		0	
6/13/2000	XX	MW-216B823-36690	125	6.11	8.2	6.04	154.27			2.1		0	

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(MW-216B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
9/13/2000	XX	MW-216B824-36782	131	6.53	11.1	9.71	150.6			2.7		0	
12/12/2000	XX	MW-216B825-36872	122	6.49	8.5	6.4	153.91			4.2		0	
3/14/2001	XX	MW-216B826-36964	132	6.45	6	7.18	153.13			4.3		3	
6/19/2001	XX	MW-216B827-37061	126	6.1	9.6	8.3	152.01			4		0	
9/11/2001	XX	MW-216B828-37145	105	6.08	13.4	9.25	151.06			2.6		0	
12/12/2001	XX	MW-216B829-37237	98	6.42	7.2	8.85	151.46			4.3		0	
3/14/2002	XX	MW-216B830-37329	165	7.03	8.4	6.76	153.55			3.9		0	
6/18/2002	XX	MW-216B831-37425	116	6.06	10.8	6.95	153.36			2.1		0	
9/19/2002	XX	MW-216B832-37518	135	6.27	11.8	9.2	151.11			2.5		0	
12/10/2002	XX	MW-216B833-37600	176	6.46	8.8	6.38	153.93			3.9		0	
3/26/2003	XX	MW-216BN37706	144	6.43	5.9					3.4			
6/26/2003	XX	MW-216BN37798	128	5.89	9					2.4			
9/18/2003	XX	MW-216BN37882	155	6.3	11.2					3.1			
5/6/2004	XX	GW216B013	101	6.2	7.2	5.7	154.61		352	3	55	0.4	
7/26/2004	XX	GW216B049	90	5.8	11.6	6.37	153.94		346	3	55	0.1	
10/26/2004	XX	GW216B064	91	5.7	9.3	5.9	154.41	21.95	273	2	50	0	
5/10/2005	XX	GW216B125	55	5.8	13.7	5.38	154.93		285	2	40	0.4	
7/27/2005	XX	GW216B15D	128	5.8	15.1	6.96	153.35		277	1	75	0	
9/22/2005	XX	GW216B18B	85	5.3	13.5	6.93	153.38	21.9	285	0.8	70	0	
5/23/2006	XX	GW216B1D6	265	5.8	10.9	5.68	154.63		247	1	205	0	
7/25/2006	XX	GW216B1G3	158	5.5	15.7	5.6	154.71		187	1	140	0.2	
9/12/2006	XX	GW216B1IG	132	4.7	15.5	6.2	154.11	22.1	174	1	55	0	
5/15/2007	XX	GW216B223	147	5.5	7.8	5.38	154.93		299	2	45	0.3	
7/24/2007	XX	GW216B267	143	5.8	13.9	6	154.31		363	3	35	1	
9/10/2007	XX	GW216B28H	131	6.1	11.1	7.15	153.16	21.95	203	0.3	50	0.4	
5/20/2008	XX	GW216B2CB	190	6	10.9	5	155.31		264	1	60	2	
7/28/2008	XX	GW216B2FF	378	6	14.4	5.04	155.27		207	0.4	90	6	
10/28/2008	XX	GW216B2I5	166	5.4	11.2	5.2	155.11	22	197	0.6	65	0.6	
4/14/2009	XX	GW216B31D	146	5.4	8.2	5.2	155.11		387	1	40	1.8	
7/7/2009	XX	GW216B35H	DE	DE	DE	DE			DE	DE	DE	DE	
MW-216BR													
12/8/2009	XX	GW216B3GG	342	8	5.2	5	184.4	22.5	206	0.6	90	0	
4/27/2010	XX	GW216B3IB	288	6.6	10.3	5.22	184.18		254	0.4	70	0	
7/20/2010	XX	GW216B41F	281	6.5	17.1	6.47	182.93		290	0.4	110	0.2	
10/19/2010	XX	GW216B44J	278	6.9	11.5	5.51	183.89	22.46	178	0.4	70	0	
MW-223A													
11/12/1990	XX	MW-223AXX33189	140	6.1	7	0.23	176.31						
2/19/1991	XX	MW-223AXX33288	F	F	F	F							
6/3/1991	XX	MW-223AXX33392	160	7.8	10	0.81	175.73						
9/16/1991	XX	MW-223AXX33497	180	7.9	10	2.29	174.25						
12/17/1991	XX	MW-223AXX33589	F	F	F	F							
3/2/1992	XX	MW-223AXX33665	F	F	F	F							
6/23/1992	XX	MW-223AXX33778	140	8.4	8.5	1.67	174.87						
8/17/1992	XX	MW-223AXX33833	130	7.7	8	2.83	173.71						
1/26/1993	XX	MW-223AXX33995	F	F	F	F							
4/27/1993	XX	MW-223AXX34086	200	7.6	5.5	0.66	175.88						
7/21/1993	XX	MW-223AXX34171	140	7.3	9.4	3.41	173.13						
10/12/1993	XX	MW-223AXX34254	140	7.6	7.8	6.71	169.83						

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
10/12/1993	XX	GW223X065	175	7.8	9.6	1.44	175.1	35.46	263	3	95	0	
1/11/1994	XX	MW-223AXX34345	F	F	F	F							
5/27/1994	XX	MW-223AXX34481	130	7.6	7.1	0.87	175.67						
8/8/1994	XX	MW-223AXX34554	100	6.9	9.5	1.61	174.93						
11/15/1994	XX	MW-223AXX34653	140	7.6	8.5	0.98	175.56						
2/7/1995	XX	MW-223AXX34737	F	F	F	F							
5/23/1995	XX	MW-223AXX34842	280	7.5	8.1	0.64	175.9						
8/15/1995	XX	MW-223AXX34926	150	7.5	9.7	2.4	174.14						
11/30/1995	XX	MW-223AXX35033	130	6.9	6.4	0.97	175.57						
2/27/1996	XX	MW-223AXX35122	130	7.2	7.6	0.86	175.68						
5/21/1996	XX	MW-223AXX35206	120	7.9	7.6	0.62	175.92						
11/25/1996	XX	MW-223AXX35394	170	6.7	6.9	1.32	175.22			4		2	
3/24/1997	XX	MW-223A811-35513	F	F	F	F			F	F		F	
6/3/1997	XX	MW-223A812-35584	179	7.67	7.6	1.48	175.06		28.7	2.3		3	
9/10/1997	XX	MW-223A813-35683	202	7.47	8.1	1.42	175.12		26.8	5.2		0	
12/4/1997	XX	MW-223A814-35768	157	7.34	7.3	1.17	175.37		22.4			8	
6/11/1998	XX	MW-223A816-35957	179	7.63	10.4	1.58	174.96		118.7	5.6		2	
9/9/1998	XX	MW-223A817-36047	192	7.51	9.9	2.82	173.72		151.8	5.7		0	
12/15/1998	XX	MW-223A818-36144	192	7.36	7.3	1.36	175.18		268.2	6.3		0	
3/30/1999	XX	MW-223A819-36249	182	7.55	7.3	2.25	174.29		273.5	6.4		42	
6/9/1999	XX	MW-223A820-36320	180	7.6	7.7	0.84	175.7		213.2	6		7	
9/14/1999	XX	MW-223A821-36417	174	7.37	9	3.18	173.36		212.9	8.8		3	
12/2/1999	XX	MW-223A822-36496	180	7.4	7.9	0.88	175.66		243	6.2		0	
3/28/2000	XX	MW-223A823-36613	175	7.66	7.3	0.6	175.94			6.4		23	
6/13/2000	XX	MW-223A824-36690	178	7.61	8.1	0.97	175.57			9.2		0	
9/13/2000	XX	MW-223A825-36782	175	7.46	9.3	3.7	172.84			7.1		35	
12/12/2000	XX	MW-223A826-36872	161	7.66	7.7	2.21	174.33			5.9		0	
6/19/2001	XX	MW-223A827-37061	156	6.95	11.1	2.42	174.12			3.4		0	
9/11/2001	XX	MW-223A828-37145	145	7.34	10.2	3.67	172.87			5.1		40	
12/11/2001	XX	MW-223A829-37236	157	7.28	8	3.55	172.99			5		10	
3/14/2002	XX	MW-223A830-37329	159	7.08	6.7	0.88	175.66			5.8		49	
6/18/2002	XX	MW-223A831-37425	152	6.55	9.5	1.13	175.41			5.9		0	
9/19/2002	XX	MW-223A832-37518	162	7.24	10.5	4.04	172.5			6.1		11	
12/10/2002	XX	MW-223A833-37600	186	7.12	7.2	1.57	174.97			9.4		999	
3/25/2003	XX	MW-223AN37705	159	7.53	4.7					5.2			
6/26/2003	XX	MW-223AN37798	168	7.54	10.6					7.2			
9/18/2003	XX	MW-223AN37882	156	7.29	11.2					6.2			
5/5/2004	XX	GW223A014	151	7.2	9.6	0.98	175.56		318	3	95	1.4	
7/28/2004	XX	GW223A04A	187	7.8	10.7	1.95	174.59		330	4	110	0	
10/25/2004	XX	GW223A065	175	7.8	9.6	1.44	175.1	35.46	263	3	95	0	
5/10/2005	XX	GW223A126	132	7.7	13.8	0.6	175.94		254	3	90	0	
7/26/2005	XX	GW223A15E	167	7.7	11.9	2.04	174.5		258	4	65	0	
9/21/2005	XX	GW223A18C	79	7.5	13.2	1.59	174.95	35.55	405	2	75	0	
5/24/2006	XX	GW223A1D7	200	7.4	9.5	1.1	175.44		300	3	180	0	
7/26/2006	XX	GW223A1G4	174	7.7	13.7	1.25	175.29		367	3	150	0	
9/13/2006	XX	GW223A1IH	191	6.9	12	1.6	174.94	35.65	356	3	85	0	
5/15/2007	XX	GW223A224	208	7.6	6.9	1.57	174.97		369	2	80	0	
7/24/2007	XX	GW223A268	197	7.1	16.2	2.05	174.49		445	3	75	0	
9/11/2007	XX	GW223A28I	190	7.8	10.6	3.5	173.04	35.45	286	2	80	0	
5/20/2008	XX	GW223A2CC	193	7.7	8.5	1.85	174.69		121	2	100	0.1	

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(MW-223A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
7/30/2008	XX	GW223A2FG	198	7.3	14.9	1.87	174.67		388	3	110	0	
10/28/2008	XX	GW223A2I6	189	7.5	13.7	1.35	175.19	35.57	165	2	85	0	
4/14/2009	XX	GW223A31E	355	7	5.6	0.9	175.64		298	1	130	0.5	
7/7/2009	XX	GW223A35I	260	6.7	12	0.71	175.83		319	1	85	0.1	
10/27/2009	XX	GW223A3DD	271	7.3	8.6	1.35	175.19	35.44	360	1	85	0	
4/27/2010	XX	GW223A3IC	297	7.4	7	1.35	175.19		332	1	70	0.9	
7/20/2010	XX	GW223A41G	309	7.1	14.8	3.9	172.64		350	1	125	0.2	
10/19/2010	XX	GW223A450	324	7.5	9	2.2	174.34	35.42	253	2	100	0	
MW-223B													
11/12/1990	XX	MW-223BXX33189	130	6.3	7	2.36	173.57						
2/19/1991	XX	MW-223BXX33288	F	F	F	F							
6/3/1991	XX	MW-223BXX33392	140	7.9	10.6	0.69	175.24						
9/16/1991	XX	MW-223BXX33497	140	8.2	13.3	3.34	172.59						
12/17/1991	XX	MW-223BXX33589	F	F	F	F							
3/2/1992	XX	MW-223BXX33665	F	F	F	F							
6/23/1992	XX	MW-223BXX33778	190	8	9	2.27	173.66						
8/17/1992	XX	MW-223BXX33833	100	7.4	9.5	3.61	172.32						
1/26/1993	XX	MW-223BXX33995	F	F	F	F							
4/27/1993	XX	MW-223BXX34086	130	7.4	4	1.42	174.51						
7/21/1993	XX	MW-223BXX34171	110	7.4	10.6	4.38	171.55						
10/12/1993	XX	MW-223BXX34254	150	7.2	10	6.9	169.03						
1/11/1994	XX	MW-223BXX34345	F	F	F	F							
5/26/1994	XX	MW-223BXX34480	110	7.2	8.3	1.74	174.19						
8/8/1994	XX	MW-223BXX34554	100	6.8	11	2.53	173.4						
11/15/1994	XX	MW-223BXX34653	130	7.6	9.4	1.98	173.95						
2/7/1995	XX	MW-223BXX34737	F	F	F	F							
5/23/1995	XX	MW-223BXX34842	280	7.5	8.2	1.6	174.33						
8/15/1995	XX	MW-223BXX34926	110	7.3	9.3	3.4	172.53						
11/30/1995	XX	MW-223BXX35033	110	6.9	6.9	1.95	173.98						
2/27/1996	XX	MW-223BXX35122	110	7.4	6	1.66	174.27						
5/21/1996	XX	MW-223BXX35206	100	7.1	6.8	1.24	174.69						
11/25/1996	XX	MW-223BXX35394	120	7.2	6.4	2.82	173.11			4		1.5	
3/24/1997	XX	MW-223B812-35513	F	F	F	F			F	F		F	
6/3/1997	XX	MW-223B813-35584	152	7.38	8.3	2.51	173.42		9.4	2.7		6	
9/10/1997	XX	MW-223B814-35683	177	7.3	11.4	4.05	171.88		11.3	7.6		0	
12/4/1997	XX	MW-223B815-35768	139	7.26	6.7	2.76	173.17		40.4			83	
6/8/1998	XX	MW-223B817-35954	155	7.29	8.4	2.63	173.3		141.6	4.5		0	
9/9/1998	XX	MW-223B818-36047	172	7.15	12.2	5.06	170.87		186.7	5.1		0	
12/15/1998	XX	MW-223B819-36144	178	6.98	7.1	2.42	173.51		248.6	5.4		0	
3/30/1999	XX	MW-223B820-36249	164	7.15	5.9	1.71	174.22		282.8	4.3		0	
6/9/1999	XX	MW-223B821-36320	159	7.16	8.6	1.94	173.99		221	4.3		0	
9/14/1999	XX	MW-223B822-36417	158	6.94	11.6	4.18	171.75		200.2	3.6		0	
12/2/1999	XX	MW-223B823-36496	162	7.11	7.6	2.24	173.69		254.9	4.4		0	
3/28/2000	XX	MW-223B824-36613	187	7.14	5.9	1.62	174.31			1.3		9	
6/13/2000	XX	MW-223B825-36690	166	6.95	8.1	2.07	173.86			2.1		0	
9/13/2000	XX	MW-223B826-36782	160	6.98	11.7	4.41	171.52			1.5		0	
12/12/2000	XX	MW-223B827-36872	156	7.08	7.1	2.97	172.96			2.1		0	
6/19/2001	XX	MW-223B828-37061	224	6.39	12	3.62	172.31			1.2		0	
9/11/2001	XX	MW-223B829-37145	211	6.83	12.5	4.75	171.18			0.4		0	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(MW-223B)													
12/11/2001	XX	MW-223B830-37236	233	7.1	8.4	4.5	171.43			0.4		5	
3/14/2002	XX	MW-223B831-37329	176	6.94	6.4	2.62	173.31			0.5		6	
6/18/2002	XX	MW-223B832-37425	163	6.9	8.6	2.32	173.61			1		0	
9/19/2002	XX	MW-223B833-37518	179	7.06	9.2	5.25	170.68			0.7		0	
12/10/2002	XX	MW-223B834-37600	193	6.9	6.5	2.72	173.21			2.5		0	
3/25/2003	XX	MW-223BN37705	172	7.05	4.9					0.5			
6/26/2003	XX	MW-223BN37798	177	7.21	9.1					1.1			
9/18/2003	XX	MW-223BN37882	177	7.04	11.1					1.6			
5/5/2004	XX	GW223B00A	170	6.8	6.6	1.98	173.95		352	1	95	1.1	
7/27/2004	XX	GW223B03I	211	7.1	10.7	3.26	172.67		312	2	125	0.9	
10/25/2004	XX	GW223B07E	191	7.6	10.6	2.71	173.22	19.95	260	2	105	0.6	
5/10/2005	XX	GW223B13F	158	7.6	13.3	2	173.93		280	2	130	0.8	
7/26/2005	XX	GW223B173	186	7.7	15.4	4.03	171.9		265	2	60	0.6	
9/21/2005	XX	GW223B1A1	187	7.4	13.7	2.85	173.08	20.1	388	2	105	0	
5/24/2006	XX	GW223B1EG	196	7.4	9.2	2.41	173.52		378	2	120	0.2	
7/26/2006	XX	GW223B1HD	189	7.8	17.7	2.52	173.41		372	2	140	0	
9/13/2006	XX	GW223B206	196	7.3	17.5	2.92	173.01	20.1	373	2	60	0	
5/15/2007	XX	GW223B23D	240	7.4	6.8	2.8	173.13		391	1	70	0.4	
7/24/2007	XX	GW223B27H	224	7.3	14	3.28	172.65		435	1	60	0	
9/11/2007	XX	GW223B2A7	217	7.3	11.8	4.46	171.47	19.93	273	1	100	0.4	
5/20/2008	XX	GW223B2E1	245	7.4	7.9	3.2	172.73		247	1	115	0	
7/30/2008	XX	GW223B2H5	251	7.2	15.3	3.17	172.76		381	0.8	125	1	
10/28/2008	XX	GW223B2JF	242	7.2	13.8	2.6	173.33	20.1	235	1	115	0.6	
4/14/2009	XX	GW223B333	234	7	7	2.5	173.43		271	1	90	0.4	
7/7/2009	XX	GW223B377	281	6.8	10.8	2	173.93		353	1	105	1	
10/27/2009	XX	GW223B3F2	331	7.5	9.7	2.65	173.28	19.95	387	1	90	0	
4/27/2010	XX	GW223B401	306	7.1	6.8	2.67	173.26		393	1	80	1.8	
7/20/2010	XX	GW223B435	343	7	13.1	4.92	171.01		-113	1	120	0.8	
10/19/2010	XX	GW223B469	316	7.4	10	3.45	172.48	20	108	0.8	70	0	
MW-227													
11/13/1990	XX	MW-227XX33190	170	8.3	8	3.88	160.35						
2/19/1991	XX	MW-227XX33288	F	F	F	F							
6/3/1991	XX	MW-227XX33392	180	8.2	13.3	3.14	161.09						
9/16/1991	XX	MW-227XX33497	230	8.3	14.4	7.69	156.54						
12/17/1991	XX	MW-227XX33569	90	8.4	1	4.28	159.95						
3/2/1992	XX	MW-227XX33665	F	F	F	F							
6/23/1992	XX	MW-227XX33778	160	8.6	8.5	6.17	158.06						
8/17/1992	XX	MW-227XX33833	180	8.1	9.5	9.06	155.17						
1/26/1993	XX	MW-227XX33995	F	F	F	F							
4/27/1993	XX	MW-227XX34086	240	7.7	5.5	4.15	160.08						
7/21/1993	XX	MW-227XX34171	130	7.3	11.1	11.1	153.13						
10/12/1993	XX	MW-227XX34254	200	8.1	8.4	14.73	149.5						
1/11/1994	XX	MW-227XX34345	F	F	F	F							
5/26/1994	XX	MW-227XX34480	170	8.1	6.3	4.8	159.43						
8/8/1994	XX	MW-227XX34554	130	7.1	11.5	4.71	159.52						
11/15/1994	XX	MW-227XX34653	180	8.5	9.2	4.36	159.87						
2/7/1995	XX	MW-227XX34737	F	F	F	F							
5/23/1995	XX	MW-227XX34842	310	8.4	8.4	4.25	159.98						
8/15/1995	XX	MW-227XX34926	150	8.3	9.9	7.9	156.33						

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
11/30/1995	XX	MW-227XX35033	170	8	5.1	4.65	159.58						
2/27/1996	XX	MW-227XX35122	F	F	F	F							
5/21/1996	XX	MW-227XX35206	140	7.4	8.7	4.09	160.14						
11/25/1996	XX	MW-227XX35394	170	7.2	7.4	4.96	159.27			3		35	
3/24/1997	XX	MW-227813-35513	F	F	F	F			F	F		F	
6/3/1997	XX	MW-227814-35584	194	8.48	9.7	5.32	158.91		71.2	2.5		962	
9/9/1997	XX	MW-227815-35682	217	8.27	11	5.16	159.07		65.1	2.1		0	
12/4/1997	XX	MW-227816-35768	169	7.42	6.9	4.89	159.34		45.6			5	
3/25/1998	XX	MW-227817-35879	178	8.4	4.4	4.93	159.3		51.5	2.6		0	
6/8/1998	XX	MW-227818-35954	187	8.32	8.1	6.04	158.19		105.3	2.4		0	
9/9/1998	XX	MW-227819-36047	203	8.01	11.3	10.8	153.43		162.6	2.6		0	
12/15/1998	XX	MW-227820-36144	213	7.99	6.7	4.8	159.43		224.2	5.4		0	
3/29/1999	XX	MW-227821-36248	194	8.19	5.3	4.1	160.13		284.8	4.3		0	
6/8/1999	XX	MW-227822-36319	183	7.07	13.2	5.08	159.15		255.8	1.5		0	
9/13/1999	XX	MW-227823-36416	182	7.9	13.4	8.47	155.76		274.3	1.9		0	
12/1/1999	XX	MW-227824-36495	188	8	6.8	4.62	159.61		245	5.3		0	
3/27/2000	XX	MW-227825-36612	183	8.09	5.8	4.32	159.91			2.5		0	
6/12/2000	XX	MW-227826-36689	179	8.04	8.9	4.59	159.64			1.6		0	
9/12/2000	XX	MW-227827-36781	182	8.24	12.4	9.93	154.3			3.8		10	
12/11/2000	XX	MW-227828-36871	166	8.33	6.9	5.1	159.13			6.9		0	
3/12/2001	XX	MW-227829-36962	150	8.34	4.3	5.01	159.22			4		0	
6/18/2001	XX	MW-227830-37060	158	8.4	12.3	7.04	157.19			2.5		0	
9/10/2001	XX	MW-227831-37144	143	8.1	14.2	10.52	153.71			3.4		0	
12/12/2001	XX	MW-227832-37237	163	8.02	7.2	5.25	158.98			4.8		0	
3/14/2002	XX	MW-227833-37329	161	7.99	5.9	4.28	159.95			5		0	
6/17/2002	XX	MW-227834-37424	158	8.05	9.7	4.5	159.73			3		0	
9/18/2002	XX	MW-227835-37517	167	8.42	11.7	13.12	151.11			2.4		2	
12/9/2002	XX	MW-227836-37599	184	7.82	5	5.35	158.88			8.7		0	
3/25/2003	XX	MW-227N37705	160	8.14	4.1					2.6			
6/25/2003	XX	MW-227N37797	161	7.44	11					3.6			
9/18/2003	XX	MW-227N37882	165	7.82	12					4.1			
5/5/2004	XX	GW227X015	151	6.4	7.7	3.96	160.27		349	1	95	2.8	
7/26/2004	XX	GW227X04B	149	8.2	11.4	5.73	158.5		339	2	120	0.9	
10/26/2004	XX	GW227X066	201	6.2	9.7	4.4	159.83	22.21	266	1	105	0	
5/9/2005	XX	GW227X127	122	8.2	8.9	3.9	160.33		263	1	100	0	
7/27/2005	XX	GW227X15F	162	7.8	15.4	7.14	157.09		298	1	95	0.3	
9/21/2005	XX	GW227X18D	160	8.7	12.3	4.34	159.89	22.34	239	1	75	1.9	
5/24/2006	XX	GW227X1D8	163	8.3	9.4	4.25	159.98		354	0.8	150	0	
7/26/2006	XX	GW227X1G5	161	8.1	16.8	4.33	159.9		347	1	125	0.3	
9/13/2006	XX	GW227X1II	185	7.7	13.9	4.9	159.33	22.35	341	1	75	0	
5/15/2007	XX	GW227X225	200	7.4	6.4	4.21	160.02		334	1	60	0.2	
7/24/2007	XX	GW227X269	182	7.7	12.6	4.6	159.63		366	0.8	60	0	
9/11/2007	XX	GW227X28J	181	8.4	11.6	6.04	158.19	22.33	262	0.8	70	0.2	
5/20/2008	XX	GW227X2CD	179	7.4	8.3	4.38	159.85		175	2	90	0.3	
7/30/2008	XX	GW227X2FH	187	8.2	15.9	4.36	159.87		310	1	75	0	
10/27/2008	XX	GW227X2I7	174	7.5	11.8	4	160.23	22.33	205	2	100	0	
4/14/2009	XX	GW227X31F	186	7.9	6.2	4.12	160.11		252	2	60	0.6	
7/7/2009	XX	GW227X35J	185	8.3	11.1	3.85	160.38		329	1	70	0.2	
10/27/2009	XX	GW227X3DE	182	8.1	9.7	4.1	160.13	22.2	411	2	55	2.3	
4/27/2010	XX	GW227X3ID	183	7.8	6.3	4.23	160		364	1	50	3.5	

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(MW-227) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
7/20/2010	XX	GW227X41H	185	7.7	13.8	6.65	157.58		180	0.6	70	2.6	
10/19/2010	XX	GW227X451	189	7.9	10.4	4.42	159.81	22.3	191	0.8	50	0.7	
MW-301													
11/25/1996	XX	MW-301XX35394	170	7.8	3.2	*				4		1.7	
3/24/1997	XX	MW-301815-35513	F	F	F	F			F	F		F	
6/3/1997	XX	MW-301816-35584	166	8.14	7.9	0	166.36		41.5	2		18	
9/9/1997	XX	MW-301817-35682	185	8.12	10.5	0	166.36		25	5.2		1	
12/3/1997	XX	MW-301818-35767	139	7.58	7.3	0	166.36		52.7			4	
3/23/1998	XX	MW-301819-35877	153	8.36	6.1	0	166.36		38			0	
6/8/1998	XX	MW-301820-35954	164	8.27	8.1	0	166.36		132.9	5.3		0	
9/9/1998	XX	MW-301821-36047	178	8.13	11.9	0.1	166.26		87.3	5.1		0	
12/14/1998	XX	MW-301822-36143	179	8.16	7.3	0	166.36		182	5.5		0	
3/29/1999	XX	MW-301823-36248	166	8.19	5.6	0	166.36		278.1	5.3		1	
6/8/1999	XX	MW-301824-36319	161	8.25	9.8	0	166.36		268.3	4.6		0	
9/13/1999	XX	MW-301825-36416	161	7.9	14.6	0	166.36		203.2	4.6		0	
12/1/1999	XX	MW-301826-36495	161	8.11	8.3	0	166.36		233.6	4.8		0	
3/27/2000	XX	MW-301827-36612	159	8.08	7.2	0	166.36			4.2		0	
6/12/2000	XX	MW-301828-36689	162	8.1	9.2	0	166.36			4.3		0	
9/12/2000	XX	MW-301829-36781	161	8.11	12.4	0	166.36			3.4		0	
6/18/2001	XX	MW-301830-37060	146	7.98	9.9	0	166.36			3.3		0	
9/10/2001	XX	MW-301831-37144	128	8.01	13.4	0.88	165.48			3.1		0	
12/11/2001	XX	MW-301832-37236	147	7.82	9.6	0.9	165.46			3.7		0	
3/13/2002	XX	MW-301833-37328	147	7.92	7.3	0	166.36			3.2		0	
6/17/2002	XX	MW-301834-37424	144	8.06	9.1	0	166.36			3.1		0	
9/18/2002	XX	MW-301835-37517	154	8.14	12.9	1.29	165.07			2.6		2	
3/25/2003	XX	MW-301N37705	147	8.08	4.2					4.4			
6/25/2003	XX	MW-301N37797	153	8.03	11.3					3.1			
9/17/2003	XX	MW-301N37881	155	7.95	12.5					3.3			
5/5/2004	XX	GW301X016	167	8.1	10.8	1.68	164.68		355	3	70	0.8	
7/26/2004	XX	GW301X04C	162	8	19.1	2.15	164.21		338	4	95	2.1	
10/25/2004	XX	GW301X067	181	8.3	9.6	1.81	164.55	185.13	383	1	100	0.2	
5/9/2005	XX	GW301X128	82	8	9	0.6	165.76		236	1	90	0.2	
8/1/2005	XX	GW301X15G	162	7.7	14.6	2.32	164.04		284	2	90	0	
9/22/2005	XX	GW301X18E	152	7.1	16.2	2.73	163.63	184.4	213	2	45	0	
5/22/2006	XX	GW301X1D9	230	8	9.2	4.25	162.11		207	1	120	1	
7/24/2006	XX	GW301X1G6	165	7.4	17.8	4.03	162.33		282	1	105	0.9	
9/11/2006	XX	GW301X1IJ	175	7.2	14.3	3.93	162.43	184.05	285	1	70	3.1	
5/14/2007	XX	GW301X226	187	8.1	12.4	4.7	161.66		386	1	70	1.5	
7/23/2007	XX	GW301X26A	151	7.6	16.8	4.3	162.06		166	2	95	17.8	
9/10/2007	XX	GW301X290	186	7.9	13.9	4.76	161.6	183.75	236	5	75	0.8	
5/19/2008	XX	GW301X2CE	188	8.2	7.4	4.53	161.83		105	1	75	2.4	
7/30/2008	XX	GW301X2FI	178	7.9	16.3	4.4	161.96		339	1	55	0.7	
10/28/2008	XX	GW301X2I8	200	7.8	13.4	4.3	162.06	185.05	200	1	60	0.5	
4/15/2009	XX	GW301X31G	248	7.1	7.4	4.84	161.52		317	1	70	1.3	
7/7/2009	XX	GW301X360	203	8.3	11.4	4.1	162.26		337	1	75	1.4	
10/26/2009	XX	GW301X3DF	276	8.2	9.3	4.25	162.11	185.15	471	4	65	2.6	
4/26/2010	XX	GW301X3IE	183	7.9	14.5	5.2	161.16		284	4	100	4.2	
7/19/2010	XX	GW301X41I	137	7	17.8	5.16	161.2		266	1	105	2.6	
10/19/2010	XX	GW301X452	340	7.3	11.7	4.96	161.4	182.45	427	1	60	0	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
MW-302													
6/23/1992	XX	MW-302XX33778	170	7.8	8	6.19	199.03						
8/17/1992	XX	MW-302XX33833	160	7.2	8	9.53	195.69						
1/26/1993	XX	GW302X03H	335	6.9	10.8	7.23	197.99		333	2	210	1.1	
1/26/1993	XX	MW-302XX33995	160	7	2	7.44	197.78						
4/27/1993	XX	MW-302XX34086	180	7.2	5.5	4.05	201.17						
7/21/1993	XX	MW-302XX34171	150	7	11.1	8.51	196.71						
10/12/1993	XX	MW-302XX34254	130	7.3	8.5	15.4	189.82						
1/11/1994	XX	MW-302XX34345	160	7.6	5.5	4.25	200.97						
5/26/1994	XX	MW-302XX34480	140	6.9	6.8	3.09	202.13						
8/8/1994	XX	MW-302XX34554	100	6.9	11	5.4	199.82						
11/16/1994	XX	MW-302XX34654	190	7.3	8.4	4.32	200.9						
2/7/1995	XX	MW-302XX34737	210	6.3	5	3.61	201.61						
5/23/1995	XX	MW-302XX34842	340	7.3	8.6	3.29	201.93						
8/14/1995	XX	MW-302XX34925	170	7.1	9.3	6.69	198.53						
2/27/1996	XX	MW-302XX35122	!	!	!	!							
5/21/1996	XX	MW-302XX35206	!	!	!	!							
11/26/1996	XX	MW-302XX35395	208	6.8	8	6.59	198.63			2.5		2.1	
3/26/1997	XX	MW-302827-35515	224	6.82	5.4	7.45	197.77			4.9			
6/3/1997	XX	MW-302828-35584	277	7.05	7.8	5.53	199.69		18	2.1		21	
9/10/1997	XX	MW-302829-35683	414	7.04	10.7	6.56	198.66		2.3	7.9		55	
12/4/1997	XX	MW-302830-35768	350	6.86	7	4.88	200.34		13.6			11	
3/25/1998	XX	MW-302831-35879	336	6.89	5.6	4.65	200.57		17.7	3.7		7	
6/8/1998	XX	MW-302832-35954	282	6.6	8.4	6.31	198.91		148.2	1.8		0	
9/9/1998	XX	MW-302833-36047	408	6.36	11.2	10.4	194.82		83.7	1.2		0	
12/15/1998	XX	MW-302834-36144	366	6.3	8.2	5.39	199.83		191.1	1.3		3	
3/30/1999	XX	MW-302835-36249	287	6.7	6.4	3.41	201.81		288.5	1.7		17	
6/9/1999	XX	MW-302836-36320	273	6.56	9.5	4.86	200.36		238.2	0.9		0	
9/13/1999	XX	MW-302837-36416	322	6.55	14.3	14.12	191.1		258.3	3.9		0	
12/1/1999	XX	MW-302838-36495	343	6.53	7.5	4.29	200.93		289	1.3		0	
3/27/2000	XX	MW-302839-36612	363	6.7	7.6	4.09	201.13			0.9		0	
6/13/2000	XX	MW-302840-36690	258	6.72	8.9	4.99	200.23			1.2		1	
9/12/2000	XX	MW-302841-36781	314	6.83	12.5	14.19	191.03			2.3		3	
12/11/2000	XX	MW-302842-36871	345	6.65	8.2	7.65	197.57			1.9		0	
3/12/2001	XX	MW-302843-36962	254	6.63	6.1	7.3	197.92			2.5		0	
6/18/2001	XX	MW-302844-37060	252	6.67	11.7	7.8	197.42			1.8		0	
9/10/2001	XX	MW-302845-37144	235	6.51	14.3	14.4	190.82			2.3		0	
12/11/2001	XX	MW-302846-37236	335	6.72	9.9	14.19	191.03			1.3		0	
3/13/2002	XX	MW-302847-37328	315	6.74	6.5	3.75	201.47			3.1		23	
6/17/2002	XX	MW-302848-37424	284	6.72	10	5.01	200.21			1.1		0	
9/18/2002	XX	MW-302849-37517	332	6.73	14.8	14.53	190.69			1.9		0	
12/9/2002	XX	MW-302850-37599	387	6.66	6.7	4.9	200.32			3.8		0	
3/25/2003	XX	MW-302N37705	257	6.53	6.3					3.1			
6/25/2003	XX	MW-302N37797	300	6.5	9.2					2.4			
9/17/2003	XX	MW-302N37881	324	6.5	13					3.4			
5/6/2004	XX	GW302X009	282	6.8	9.9	3.91	201.31		269	3	140	5.4	
7/27/2004	XX	GW302XHD1	335	6.9	10.8	7.23	197.99		333	2	210	1.1	
10/25/2004	XX	GW302X07C	319	6.7	9.7	6.65	198.57	30.42	340	1	180	0.3	
5/10/2005	XX	GW302X13D	149	7.7	14.1	3.78	201.44		232	3	180	0.9	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(MW-302)													
7/27/2005	XX	GW302X171	324	6.9	17.5	7.76	197.46		196	4	140	2.6	
9/19/2005	XX	GW302X19J	245	6.9	17.7	8.16	197.06	30.35	403	2	140	2.9	
5/23/2006	XX	GW302X1EE	342	7.3	14.5	4.47	200.83		366	3	180	4.5	
7/24/2006	XX	GW302X1HB	336	6.7	16.6	4.89	200.41		220	5	230	1.2	
9/12/2006	XX	GW302X204	351	6.5	11.1	7.27	198.03	30.28	355	2	75	0.4	
5/14/2007	XX	GW302X23B	299	7.1	11.9	5.9	199.4		443	3	100	0.6	
7/25/2007	XX	GW302X27F	505	9.2	14.4	8.41	196.89		344	4	90	0	
9/10/2007	XX	GW302X2A5	DE	DE	DE	DE	DE	DE	DE	DE	DE	DE	
MW-302R													
5/20/2008	XX	GW302X2DJ	246	6.9	8.2	7.3	199.56		223	4	140	3.1	
7/29/2008	XX	GW302X2H3	238	6.6	12.3	8.27	198.59		256	3	140	0.9	
10/27/2008	XX	GW302X2JD	261	6.8	10.9	7.72	199.14	32.25	271	2	75	1.9	
4/13/2009	XX	GW302X331	184	6.2	7.5	5.75	201.11		302	4	80	0.4	
7/6/2009	XX	GW302X375	220	6.2	12	5	201.86		315	3	100	0.9	
10/27/2009	XX	GW302X3F0	470	6.1	9.8	8.46	198.4	32.25	360	1	115	0	
4/26/2010	XX	GW302X3JJ	167	6.4	8.8	7.53	199.33		349	4	135	1.2	
7/19/2010	XX	GW302X433	475	6	13.6	15.91	190.95		291	2	165	0.4	
10/18/2010	XX	GW302X467	502	6.5	11.1	8.05	198.81	32.22	347	1	130	0	
MW-303													
11/26/1996	XX	MW-303XX35395	100	6.9	8.1	26.78	181.09			2.5		24.5	
3/26/1997	XX	MW-303828-35515	45	6.42	7.9	24.88	182.99			9.7		40	
6/2/1997	XX	MW-303829-35583	54	6.63	8.8	21.37	186.5		43.4	2.3		53	
9/8/1997	XX	MW-303830-35681	58	7.03	7.7	27.15	180.72		31.5	9.3		63	
12/3/1997	XX	MW-303831-35767	46	6.98	6.7	28.54	179.33		24.1			85	
3/25/1998	XX	MW-303832-35879	49	6.47	6.9	23.27	184.6		41.4	10.1		4	
6/9/1998	XX	MW-303833-35955	52	6.6	8	23.03	184.84		222.7	10.8		0	
9/8/1998	XX	MW-303834-36046	57	6.33	8.2	26.51	181.36		197.1	11		0	
12/14/1998	XX	MW-303835-36143	61	6.95	7.2	29.45	178.42		192.4	10.9		13	
3/29/1999	XX	MW-303836-36248	56	6.78	6.7	21.09	186.78		261.1	10.9		88	
6/8/1999	XX	MW-303837-36319	50	7.07	8.1	23.61	184.26		249.9	10.9		999	
9/13/1999	XX	MW-303838-36416	48	6.72	7.7	29.52	178.35		104.5	11.7		115	
12/1/1999	XX	MW-303839-36495	50	6.92	6.1	25.66	182.21		242.3	10.6		0	
3/27/2000	XX	MW-303840-36612	50	6.96	7.1	21.02	186.85			11.3		0	
6/12/2000	XX	MW-303841-36689	49	7.16	7.2	21.4	186.47			11.5		0	
9/13/2000	XX	MW-303842-36782	50	7.24	7.9	28.05	179.82			9.9		0	
12/11/2000	XX	MW-303843-36871	49	6.97	6.9	31	176.87			11.2		0	
3/13/2001	XX	MW-303844-36963	44	7	6.4	30.9	176.97			11.6		23	
6/19/2001	XX	MW-303845-37061	48	6.74	10.4	26.57	181.3			10.5		60	
9/11/2001	XX	MW-303846-37145	42	6.89	8	30.48	177.39			11.1		0	
12/12/2001	XX	MW-303847-37237	49	7.5	5.9	23.05	184.82			11.2		5	
3/13/2002	XX	MW-303848-37328	50	7.46	6.8	31.17	176.7			10.3		7	
6/17/2002	XX	MW-303849-37424	47	7.33	7.7	23.8	184.07			9.5		0	
9/18/2002	XX	MW-303850-37517	49	7.07	7.5	29.2	178.67			10		0	
12/9/2002	XX	MW-303851-37599	64	6.51	5.3	30.32	177.55			11.9		0	
3/26/2003	XX	MW-303N37706	47	7.16	6.7					9.7			
6/25/2003	XX	MW-303N37797	50	6.98	9					12.7			
9/17/2003	XX	MW-303N37881	49	7.19	7.9					11.4			
5/6/2004	XX	GW303X00C	62	6.4	7.5	23.31	184.56		296	8	25	0.3	

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(MW-303) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
7/28/2004	XX	GW303X040	60	6.3	8.7	25.3	182.57		239	6	30	0.4	
10/26/2004	XX	GW303X07G	63	7.2	8.3	27.93	179.94	46.83	309	6	30	0	
5/11/2005	XX	GW303X13H	38	7.2	13	19.75	188.12		290	4	25	0	
8/1/2005	XX	GW303X175	33	7.1	17.5	23.2	184.67		287	5	25	0	
9/19/2005	XX	GW303X1A3	56	7.2	15.2	25.3	182.57	46.93	280	6	35	0	
5/23/2006	XX	GW303X1EI	48	7	9.4	22.5	185.37		426	5	45	0	
7/24/2006	XX	GW303X1HF	53	6.6	12.2	22.45	185.42		239	4	40	0	
9/12/2006	XX	GW303X208	60	7	16.4	23.36	184.51	46.9	302	6	30	0	
5/14/2007	XX	GW303X23F	59	7.1	11.3	21.48	186.39		300	5	40	0	
7/25/2007	XX	GW303X27J	67	7	16.6	25.9	181.97		497	5	25	0	
9/11/2007	XX	GW303X2A9	63	6.9	10.5	28.7	179.17	46.85	452	5	20	0	
5/19/2008	XX	GW303X2E3	91	6.7	9	21.18	186.69		381	4	40	0	
7/29/2008	XX	GW303X2H7	97	6.4	13.9	24.82	183.05		329	4	70	0.2	
10/27/2008	XX	GW303X2JH	104	6.6	10.5	26.2	181.67	46.9	303	2	45	0.3	
4/13/2009	XX	GW303X335	158	6.3	7.5	21	186.87		330	3	60	0.2	
7/6/2009	XX	GW303X379	163	6.1	12	21.6	186.27		305	1	85	0.3	
10/28/2009	XX	GW303X3F4	161	6.6	7.8	26.45	181.42	46.8	314	2	40	0	
4/26/2010	XX	GW303X403	196	6.3	13.3	21.6	186.27		340	2	55	0.8	
7/19/2010	XX	GW303X437	201	5.8	14.8	26.8	181.07		245	0.8	75	0.5	
10/18/2010	XX	GW303X46B	175	6.7	10.7	30.9	176.97	46.76	334	2	50	1.5	
MW-304A													
7/29/2004	XX	GW304AHD0	207	7.5	8.5	28.55	188.77		131	2	95	5.5	
10/27/2004	XX	GW304A07B	195	7.5	7.9	30.2	187.12	42.28	332	2	100	0.5	
5/11/2005	XX	GW304A13C	58	7.3	14.2	23	194.32		297	4	70	0	
7/28/2005	XX	GW304A170	76	7.2	13.8	26.95	190.37		193	4	40	0	
9/19/2005	XX	GW304A19I	80	7	8.7	26.45	190.87	42.45	403	4	45	0	
5/24/2006	XX	GW304A1ED	100	7.8	8.2	27.1	190.21		427	4	80	0	
7/25/2006	XX	GW304A1HA	104	6.8	11	26.95	190.36		311	5	70	2	
9/12/2006	XX	GW304A203	111	6.9	11.9	27.7	189.61	42.4	370	5	60	0	
5/15/2007	XX	GW304A23A	110	7.1	7.9	25.8	191.51		324	5	20	1.3	
7/24/2007	XX	GW304A27E	129	6.8	14.9	29.25	188.06		512	5	45	0.6	
9/11/2007	XX	GW304A2A4	118	7	8.5	30.74	186.57	42.4	468	4	55	0.8	
5/20/2008	XX	GW304A2DI	90	6.9	8	25.3	192.01		286	5	70	0.5	
7/29/2008	XX	GW304A2H2	116	6.5	10.6	28.76	188.55		259	4	45	0.6	
10/27/2008	XX	GW304A2JC	131	6.9	9.2	29.2	188.11	42.26	314	4	40	0.4	
4/13/2009	XX	GW304A330	122	6.9	8.3	25.62	191.69		359	4	50	0.7	
7/6/2009	XX	GW304A374	107	6.3	9.9	26.42	190.89		301	5	40	1	
10/27/2009	XX	GW304A3EJ	122	7.7	8.9	30.08	187.23	42.25	331	3	30	0	
4/26/2010	XX	GW304A3JI	97	6.5	9.9	26.1	191.21		324	4	40	0.4	
7/19/2010	XX	GW304A432	122	6.4	11.6	29.9	187.41		190	4	50	0.4	
10/18/2010	XX	GW304A466	116	7.4	9	32.81	184.5	42.23	250	5	50	9.2	
MW-401A													
7/29/2004	XX	GW401A059	116	7.9	9.4	5.95	150.88		287	6	75	1.1	
10/27/2004	XX	GW401A071	132	8.2	9.5	5.28	151.55	111.98	258	6	80	0	
5/10/2005	XX	GW401A132	98	8.3	13.3	0.87	155.96		305	5	75	0	
7/28/2005	XX	GW401A16A	108	8.4	11.6	5.85	150.98		375	4	55	0	
9/21/2005	XX	GW401A198	93	8.5	10.3	5.84	150.99	111.92	256	6	85	0	
5/23/2006	XX	GW401A1E3	109	8.5	7.7	1.95	154.88		243	4	70	1.5	

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(MW-401A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
7/25/2006	XX	GW401A1H0	109	8.2	12.7	3.15	153.68		329	3	80	0	
9/12/2006	XX	GW401A1JD	128	8.2	9.1	5.16	151.67	112.05	229	4	45	0	
5/14/2007	XX	GW401A230	118	8.2	7.3	3.57	153.26		341	4	90	0	
7/24/2007	XX	GW401A274	129	7.9	8.9	6.71	150.12		338	5	75	1.2	
9/11/2007	XX	GW401A29E	130	8.1	9.8	8.23	148.6	111.99	245	5	70	0	
5/20/2008	XX	GW401A2D8	123	8.3	7.8	4.15	152.68		243	6	80	0	
7/28/2008	XX	GW401A2GC	123	7.7	11.1	5.7	151.13		321	6	60	0	
10/27/2008	XX	GW401A2J2	112	7.6	9.1	4.75	152.08	112.02	233	5	80	0	
4/13/2009	XX	GW401A32A	73	7.9	7.3	1.3	155.53		470	3	70	0.4	
7/7/2009	XX	GW401A36E	121	7.7	9.3	1.55	155.28		356	6	75	0	
10/28/2009	XX	GW401A3E9	165	8.1	8.1	4.12	152.71	111.98	516	6	100	0	
4/27/2010	XX	GW401A3J8	122	8.3	8.1	4.45	152.38		456	6	45	0	
7/20/2010	XX	GW401A42C	125	7.9	10.3	7.78	149.05		375	4	70	2	
10/20/2010	XX	GW401A45G	191	7.8	8.1	5.52	151.31	112.1	462	5	50	0	
MW-401B													
7/29/2004	XX	GW401B05A	496	6.9	9	7.81	149.51		1	0.6	220	2.2	
10/27/2004	XX	GW401B072	641	6.7	9	7.5	149.82	23.03	122	0.6	335	0.4	
5/10/2005	XX	GW401B133	470	7.1	11.5	6.94	150.38		72	2	310	2	
7/27/2005	XX	GW401B16B	533	6.9	10.8	8.85	148.47		5	1	320	1	
9/21/2005	XX	GW401B199	699	6.7	16.1	7.55	149.77	23.1	408	0.8	235	0.9	
5/23/2006	XX	GW401B1E4	489	6.7	6.2	6.67	150.65		75	1	235	2.2	
7/25/2006	XX	GW401B1H1	444	6.4	11.8	6.38	150.94		34	2	200	1.8	
9/12/2006	XX	GW401B1JE	539	6.6	9.7	6.82	150.5	23.12	42	1	85	0	
5/14/2007	XX	GW401B231	350	6.8	7.8	6.83	150.49		122	1	210	4.5	
7/24/2007	XX	GW401B275	451	5.9	8.9	7.14	150.18		100	0.3	180	1.7	
9/11/2007	XX	GW401B29F	485	6.3	10.4	7.73	149.59	23.12	125	1	180	0	
5/20/2008	XX	GW401B2D9	340	7	7.4	6.8	150.52		-33	1	160	1.4	
7/28/2008	XX	GW401B2GD	384	6.2	11.2	6.68	150.64		80	0.4	135	2.3	
10/27/2008	XX	GW401B2J3	366	6.6	10.2	6.5	150.82	23.1	97	1	120	0	
4/13/2009	XX	GW401B32B	180	6.7	6.7	6.4	150.92		355	1	80	3.5	
7/7/2009	XX	GW401B36F	290	6.6	8.9	6.35	150.97		130	1	140	0.5	
10/28/2009	XX	GW401B3EA	520	6.4	9.2	6.6	150.72	23.2	239	1	85	0	
4/27/2010	XX	GW401B3J9	237	7.3	7.4	6.7	150.62		266	0.8	100	0	
7/20/2010	XX	GW401B42D	339	6.6	11	7.55	149.77		141	0.6	180	2.2	
10/20/2010	XX	GW401B45H	514	6	9.4	6.82	150.5	23.1	241	0.3	100	0	
MW-402A													
7/29/2004	XX	GW402A05B	115	8.7	13	F1			210	6	65	3.7	
10/27/2004	XX	GW402A073	149	7.4	7	0.05	152.15	108.21	215	4	70	0	
5/11/2005	XX	GW402A134	113	7.5	10.7	0	152.2		283	4	50	0.2	
8/1/2005	XX	GW402A16C	104	7.6	12.1	F1			231	5	50	0.1	
9/21/2005	XX	GW402A19A	110	7.4	11.2	F1		108.19	219	4	40	0	
5/23/2006	XX	GW402A1E5	106	8.7	9.6	F1			291	4	55	0	
7/26/2006	XX	GW402A1H2	121	8.3	14.4	F1			451	4	70	0.7	
9/12/2006	XX	GW402A1JF	130	8.1	12.1	F1		108.35	412	6	75	0	
5/15/2007	XX	GW402A232	132	9.5	8.8	F1			106	5	35	0	
7/25/2007	XX	GW402A276	130	8.7	12.3	F1			223	5	55	0	
9/12/2007	XX	GW402A29G	126	8.4	12.9	F1		108.25	285	6	55	0.6	
5/20/2008	XX	GW402A2DA	122	8.4	8.8	F1			345	6	75	0	

SUMMARY REPORT
Field Data

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(MW-402A)													
7/28/2008	XX	GW402A2GE	124	8.6	14.4	0	152.2		187	3	55	0.1	
10/27/2008	XX	GW402A2J4	111	8.1	10.6	F1		108.3	199	4	30	0	
4/14/2009	XX	GW402A32C	129	7.6	5.2	F1			425	5	40	0	
7/8/2009	XX	GW402A36G	125	8.4	9.9	F1			429	4	60	0	
10/28/2009	XX	GW402A3EB	183	8.9	7.6	F1		108.45	413	5	35	0	
4/27/2010	XX	GW402A3JA	120	8.5	9.9	F1			336	6	45	0	
7/21/2010	XX	GW402A42E	123	7.8	14.7	F1			256	4	70	2.2	
10/20/2010	XX	GW402A45I	197	7.3	8.8	F1		108.35	390	5	35	0	
MW-402B													
7/29/2004	XX	GW402B05C	143	8.8	13.8	2.99	149.75		229	1	100	1.9	
10/27/2004	XX	GW402B074	172	8.5	8.2	2.65	150.09	25.12	203	1	95	1.4	
5/11/2005	XX	GW402B135	118	8.3	12.3	2.18	150.56		248	2	65	0	
8/1/2005	XX	GW402B16D	151	7	10.8	3.12	149.62		255	2	65	1.4	
9/21/2005	XX	GW402B19B	141	7.3	12.8	3.07	149.67	25.15	200	1	70	0	
5/23/2006	XX	GW402B1E6	145	8.7	8.4	2.88	149.86		46	1	90	0	
7/26/2006	XX	GW402B1H3	145	8.5	9.5	3.24	149.5		293	1	100	0	
9/12/2006	XX	GW402B1JG	165	8.6	11.3	3.8	148.94	25.2	306	0.3	65	0	
5/15/2007	XX	GW402B233	151	9.1	6.9	3.05	149.69		81	1	50	0	
7/25/2007	XX	GW402B277	163	9	9.6	4.22	148.52		106	1	45	0	
9/12/2007	XX	GW402B29H	160	8.6	11.4	5.3	147.44	25.18	198	1	75	0	
5/20/2008	XX	GW402B2DB	157	8.6	8.2	3.3	149.44		11	1	75	0	
7/28/2008	XX	GW402B2GF	148	8.7	12.5	3.6	149.14		143	0.3	70	0	
10/27/2008	XX	GW402B2J5	142	8.1	10.1	3	149.74	25.18	112	1	40	0	
4/14/2009	XX	GW402B32D	96	8.1	5.4	2.9	149.84		317	1	45	0	
7/8/2009	XX	GW402B36H	154	8.4	9.6	2.9	149.84		274	0.4	70	0	
10/28/2009	XX	GW402B3EC	215	8.9	8.7	2.98	149.76	25.2	416	1	35	0	
4/27/2010	XX	GW402B3JB	150	8.7	7.7	3	149.74		154	0.6	75	0	
7/21/2010	XX	GW402B42F	154	8	12.5	5.11	147.63		153	0.3	70	2.8	
10/20/2010	XX	GW402B45J	246	7.2	9.5	3.4	149.34	25.18	323	0.4	60	0	
DP-4													
1/30/2004	XX	GWDP4X039	965	6.3	6	14.12	155.25			0.6		14.8	
5/6/2004	XX	GWXXXX00D	601	6.3	9.8	14.78	154.59		272	1	290	7.1	
7/26/2004	XX	GWXXXX041	417	7.1	14.6	13.92	155.45		318	6	255	36.2	
10/26/2004	XX	GWXXXX07H	346	7	16.5	13.81	155.56	27.04	266	5	230	9.9	
5/9/2005	XX	GWXXXX13I	264	6.9	9.6	13.25	156.12		239	1	215	6	
8/1/2005	XX	GWXXXX176	295	6.7	15.8	13.8	155.57		295	2	175	16.8	
9/20/2005	XX	GWXXXX1A4	380	7.3	16.6	14.38	154.99	27.06	228	4	135	0.7	
5/22/2006	XX	GWXXXX1EJ	340	6.8	10.3	14.59	154.78		188	1	105	27.8	
7/24/2006	XX	GWXXXX1HG	270	7.1	19.6	14.52	154.85		251	1	150	3	
9/11/2006	XX	GWXXXX209	333	6.2	19.2	14.96	154.41	27.07	238	1	125	4.3	
5/14/2007	XX	GWXXXX23G	381	6.8	11.6	15	154.37		196	1	75	28	
7/23/2007	XX	GWXXXX280	274	6.4	7.2	15.28	154.09		233	6	175	18.6	
9/10/2007	XX	GWXXXX2AA	338	6.5	15.3	15.65	153.72	27.1	337	1	115	9.6	
5/19/2008	XX	GWXXXX2E4	356	6.6	9.5	14.4	154.97		-51	2	150	5.7	
7/29/2008	XX	GWXXXX2H8	362	6.4	17.4	17.19	152.18		64	1	105	5.9	
10/27/2008	XX	GWXXXX2JI	366	6.4	11.7	15.3	154.07	27.05	154	1	75	4.2	
4/13/2009	XX	GWXXXX336	442	6.3	7.1	14.55	154.82		279	4	70	8.5	
7/6/2009	XX	GWXXXX37A	380	6.7	15.3	14.59	154.78		308	5	130	12.1	

(DP-4) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
10/26/2009	XX	GWXXXX3F5	499	6.5	13.2	13.68	155.69	27.05	253	3	100	4.5	
4/26/2010	XX	GWXXXX404	271	6.3	13.2	14.8	154.57		216	3	100	3.3	
7/19/2010	XX	GWXXXX438	100	5.6	23.9	15.41	153.96		345	2	125	8.1	
10/18/2010	XX	GWXXXX46C	396	6.3	11.3	14.98	154.39	27.1	352	2	50	2.6	
MW04-102													
1/18/2005	XX	GW102X10C	240	8.1	4	5.45	164.77		241	6	110	1.2	
3/21/2005	XX	GW102X144	202	7.3	7.8	4.9	165.32		292	5	100	1.4	
7/25/2005	XX	GW102X17I	248	7.7	16.4	6.7	163.52		307	4	125	1.2	
9/20/2005	XX	GW102X1A9	205	7.1	13.7	5.52	164.7	18.02	273	2	105	0.4	
5/23/2006	XX	GW102X1F4	219	7.8	11.9	4.8	165.42		366	3	170	0	
7/25/2006	XX	GW102X1I0	215	7.7	20.1	5.13	165.09		343	3	165	0.8	
9/12/2006	XX	GW102X20D	204	7.9	18.3	5.54	164.68	18.04	351	2	75	0	
5/15/2007	XX	GW102X240	236	7.7	9.8	5.67	164.55		341	4	40	1.5	
7/24/2007	XX	GW102X284	217	8.1	19.4	6.3	163.92		371	2	90	0	
9/11/2007	XX	GW102X2AE	215	7.9	12.9	7.42	162.8	18	271	3	90	0.5	
5/20/2008	XX	GW102X2E8	223	7.3	11	6.05	164.17		287	4	130	0.1	
7/29/2008	XX	GW102X2HC	193	7.9	15.7	5.81	164.41		283	3	95	0.6	
10/27/2008	XX	GW102X302	198	7.8	13.7	5.5	164.72	18	151	3	115	0	
4/14/2009	XX	GW102X339	234	7.7	9	5.47	164.75		353	4	75	0	
7/7/2009	XX	GW102X37D	234	8.1	11.8	5	165.22		310	2	75	0	
10/27/2009	XX	GW102X3F8	236	8.2	10.8	5.27	164.95	17.84	354	4	70	0	
4/27/2010	XX	GW102X407	234	7.8	7.3	5.97	164.25		380	3	60	0.8	
7/21/2010	XX	GW102X43B	245	7.6	18.1	7.58	162.64		180	2	135	2	
10/19/2010	XX	GW102X46F	232	7.9	12.8	5.85	164.37	17.97	231	3	75	0	
MW04-105													
1/17/2005	XX	GW105X10F	435	7.6	7.4	7.31	158.28		170	4	125	0	
3/21/2005	XX	GW105X147	703	6.4	6.7	6.85	158.74		404	2	145	0	
7/25/2005	XX	GW105X181	531	7.3	16.1	8.08	157.51		223	2	230	1.3	
9/20/2005	XX	GW105X1AC	531	6.9	14.4	7.69	157.9	22.83	293	1	145	1.7	
5/23/2006	XX	GW105X1F7	361	6.5	13.8	7.08	158.51		299	1	220	0	
7/25/2006	XX	GW105X1I1	370	6.4	23.8	7.05	158.54		333	2	205	0.9	
9/12/2006	XX	GW105X20E	447	6.1	12.2	6.85	158.74	22.85	344	1	150	1.5	
5/14/2007	XX	GW105X241	343	7	13.3	7.8	157.79		365	3	175	0	
7/24/2007	XX	GW105X285	483	7.2	17.3	8.02	157.57		404	1	135	0	
9/10/2007	XX	GW105X2AF	472	6.8	12.1	8.48	157.11	22.76	213	0.6	240	0	
5/19/2008	XX	GW105X2E9	447	6.8	9.1	8.13	157.46		256	4	210	0.1	
7/29/2008	XX	GW105X2HD	429	6.6	14.6	7.32	158.27		322	1	185	1.2	
10/27/2008	XX	GW105X303	338	7	12.1	7	158.59	22.78	289	0.8	175	0.5	
4/15/2009	XX	GW105X33A	274	6.6	7.7	7.67	157.92		295	2	85	0.9	
7/7/2009	XX	GW105X37E	345	7.3	10.4	5.91	159.68		313	0.8	185	0.2	
10/26/2009	XX	GW105X3F9	528	6.8	10.6	5.8	159.79	22.75	412	3	100	0.6	
4/27/2010	XX	GW105X408	304	6.7	7.7	7.32	158.27		322	0.8	70	0.7	
7/19/2010	XX	GW105X43C	348	6.5	15.6	7.5	158.09		302	0.8	150	0.3	
10/18/2010	XX	GW105X46G	306	7.2	11.5	6.9	158.69	22.75	270	0.6	105	0	
MW04-109													
1/19/2005	XX	GW109X10I	572	7.8	4.7	10.95	153.64		323	2	260	0	
3/23/2005	XX	GW109X14A	662	7.1	7.8	10.8	153.79		343	2	200	0	
7/26/2005	XX	GW109X1B4	416	5.5	11.3	11.65	152.94		273	0.8	225	0	

SEVEE & MAHER ENGINEERS, INC.
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(MW04-109) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
9/20/2005	XX	GW109X1AF	454	7.2	16.2	11.72	152.87	22.9	168	1	165	0	
5/23/2006	XX	GW109X1FA	349	7.1	9.5	10.17	154.42		300	1	138	0	
7/25/2006	XX	GW109X1I2	370	7.1	13.6	10.15	154.44		297	1	150	0	
9/12/2006	XX	GW109X20F	357	6.2	15.9	10.53	154.06	22.92	200	1	150	0	
5/15/2007	XX	GW109X242	385	7.1	6.9	9.8	154.79		207	1	125	0	
7/24/2007	XX	GW109X286	314	6.9	15	10.45	154.14		375	0.4	125	0	
9/10/2007	XX	GW109X2AG	283	7	12.2	11.47	153.12	22.85	200	0.3	88	0	
5/19/2008	XX	GW109X2EA	645	6.8	7.1	9.52	155.07		7	0.3	190	0	
7/29/2008	XX	GW109X2HE	613	6.8	14.6	9.61	154.98		72	0.3	285	0	
10/28/2008	XX	GW109X304	494	7.2	12.8	9.9	154.69	22.9	229	2	260	0.2	
4/15/2009	XX	GW109X33B	551	7.2	6.8	10	154.59		262	0.6	240	0.7	
7/7/2009	XX	GW109X37F	DE	DE	DE	DE			DE	DE	DE	DE	
MW04-109R													
12/8/2009	XX	GW109X3GF	550	7.9	7.9	6.15	153.98	22.98	269	1	210	0	
4/27/2010	XX	GW109X409	402	6.7	9.2	6.35	153.78		286	0.6	125	0	
7/20/2010	XX	GW109X43D	450	6.5	17.2	7.49	152.64		220	0.4	155	0.5	
10/19/2010	XX	GW109X46H	489	7	12.1	6.6	153.53	22.92	209	0.6	155	0	
MW09-901													
12/8/2009	XX	GW901X3GH	300	8.2	5.3	7.95	157.15	22.8	260	2	90	10.1	
4/27/2010	XX	GW901X3J7	241	7.6	10.6	8.86	156.24		328	3	60	2.1	
7/20/2010	XX	GW901X42B	275	7.4	17.5	10.8	154.3		321	0.8	105	2.7	
10/19/2010	XX	GW901X45F	300	7.5	12.8	9.25	155.85	22.75	235	0.6	80	0.3	
P-04-02													
2/5/2004	XX	GWXXXX03E	414	8.5	4.8	23.42	145.32			6		80.6	
2/11/2004	XX	GWXXXX03C	247	7.7	4.6	27.17	141.57			3		5.3	
5/5/2004	XX	GWXXXX00E	305	6.2	9.6	8.23	160.51		350	2	110	1.3	
7/26/2004	XX	GWXXXX042	202	8.3	13.1	8.78	159.96		215	2	100	0	
10/25/2004	XX	GWXXXX07I	288	7.9	6.6	8.9	159.84	37.14	230	1	135	0.5	
5/9/2005	XX	GWXXXX13J	243	7.1	9.2	7.02	161.72		273	1	135	0.5	
7/27/2005	XX	GWXXXX177	166	7.4	17.1	9.11	159.63		295	1	105	0.9	
9/22/2005	XX	GWXXXX1A5	250	7	11.8	9.16	159.58	27.9	270	1	110	0	
5/22/2006	XX	GWXXXX1F0	205	7.4	12.2	7.8	160.94		181	2	135	0.5	
7/24/2006	XX	GWXXXX1HH	208	7.3	17.2	8.55	160.19		270	1	125	0	
9/11/2006	XX	GWXXXX20A	237	7.5	15.8	8.38	160.36	37.18	230	3	75	1.4	
5/14/2007	XX	GWXXXX23H	233	7.4	11.9	8	160.74		367	2	95	1	
7/23/2007	XX	GWXXXX281	183	7.6	16.1	9.25	159.49		247	2	105	8	
9/10/2007	XX	GWXXXX2AB	222	7.8	13.8	9.8	158.94	37.2	270	1	95	0.7	
5/21/2008	XX	GWXXXX2E5	215	7.7	10.8	7.98	160.76		301	3	110	0.05	
7/30/2008	XX	GWXXXX2H9	213	7.6	15.3	9.63	159.11		166	3	80	0	
10/29/2008	XX	GWXXXX2JJ	197	8	9.3	8.73	160.01	37.2	50	1	75	0	
4/13/2009	XX	GWXXXX337	198	8	8.9	8.25	160.49		461	5	105	0	
7/6/2009	XX	GWXXXX37B	215	7.1	16.4	7.95	160.79		279	4	115	0	
10/27/2009	XX	GWXXXX3F6	242	7.9	10.9	7.55	161.19	37.2	393	1	60	0	
4/26/2010	XX	GWXXXX405	222	7.1	12.9	7.81	160.93		303	4	50	0.6	
7/21/2010	XX	GWXXXX439	213	7.4	16.2	8.25	160.49		322	3	115	2.5	
10/20/2010	XX	GWXXXX46D	214	7.9	10.3	8.5	160.24	37.15	282	1	55	0	
P-04-04													

SEVEE & MAHER ENGINEERS, INC.
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(P-04-04) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
2/5/2004	XX	GWXXXX03F	405	8	5.2	23.52	145.83			5		162	
2/11/2004	XX	GWXXXX03D	237	8	3.4	29.17	140.18			6		4.2	
5/6/2004	XX	GWXXXX00F	287	6.2	11.3	8.86	160.49		347	3	115	2	
7/26/2004	XX	GWXXXX043	190	7.9	13.2	9.38	159.97		356	2	105	0.3	
10/25/2004	XX	GWXXXX07J	249	7.6	10.5	9.35	160	32.23	280	1	105	0	
5/9/2005	XX	GWXXXX140	179	7.3	9.2	7.5	161.85		283	3	110	0	
7/27/2005	XX	GWXXXX178	174	8.2	17.7	9.71	159.64		291	3	115	1.1	
9/22/2005	XX	GWXXXX1A6	174	7	12.6	9.6	159.75	32.32	290	1	50	0	
5/22/2006	XX	GWXXXX1F1	161	7.4	13.9	8.28	161.07		189	3	120	1.5	
7/24/2006	XX	GWXXXX1HI	191	7.9	15.3	8.88	160.47		202	2	130	0	
9/11/2006	XX	GWXXXX20B	201	7.2	16.5	8.85	160.5	32.35	151	4	60	1.6	
5/14/2007	XX	GWXXXX23I	182	7.9	12.1	8.47	160.88		415	4	65	0.6	
7/23/2007	XX	GWXXXX282	148	7.7	16.4	9.52	159.83		250	5	100	7.6	
9/10/2007	XX	GWXXXX2AC	178	7.8	14.1	10.03	159.32	32.33	275	6	75	0.2	
5/21/2008	XX	GWXXXX2E6	173	7.5	9.8	8.41	160.94		274	4	105	0	
7/30/2008	XX	GWXXXX2HA	162	7.9	15	9.34	160.01		337	4	55	0.2	
10/29/2008	XX	GWXXXX300	159	8	9.7	9.1	160.25	32.3	171	2	50	0.2	
4/13/2009	XX	GWXXXX338	178	7.9	9	8.8	160.55		484	5	40	0.2	
7/6/2009	XX	GWXXXX37C	175	7.6	19.5	8.4	160.95		239	6	80	0.6	
10/27/2009	XX	GWXXXX3F7	175	8	10.4	7.96	161.39	32.21	376	2	45	0	
4/26/2010	XX	GWXXXX406	177	7.5	12.3	8.45	160.9		325	4	60	0.6	
7/21/2010	XX	GWXXXX43A	173	7.5	16.3	8.9	160.45		288	4	95	2	
10/20/2010	XX	GWXXXX46E	177	7.9	10.5	9	160.35	32.25	238	2	50	0	
SW-AR1													
5/26/1994	XX	SW-AR1XX34480	0	6.2	10.9					1			
8/8/1994	XX	SW-AR1XX34554	30	6.3	23					0.8			
11/15/1994	XX	SW-AR1XX34653	70	5.9	7.5					1.5			
2/7/1995	XX	SW-AR1XX34737	40	6.9	0					10.1			
5/24/1995	XX	SW-AR1XX34843	50	7.3	12					2.8			
8/16/1995	XX	SW-AR1XX34927	40	6.3	22					2.5			
11/30/1995	XX	SW-AR1XX35033	30	7.2	0.4					1			
2/27/1996	XX	SW-AR1XX35122	10	5.9	0.3					2			
5/21/1996	XX	SW-AR1XX35206	10	6.3	14.2					3.5			
11/25/1996	XX	SW-AR1XX35394	20	6	1.3					1		0.8	
3/26/1997	XX	SW-AR1821-35515	72	5.46	0.4					6.2			
6/4/1997	XX	SW-AR1822-35585	39	5.68	9.3				81.9	1		0	
9/11/1997	XX	SW-AR1823-35684	62	5.78	14.6				119.7	3.5		0	
12/8/1997	XX	SW-AR1824-35772	31	5.7	0.1				111.2			2	
3/26/1998	XX	SW-AR1825-35880	27	5.59	2.2				203.1	6.3		0	
6/9/1998	XX	SW-AR1826-35955	38	6.15	14.6				143.2	6.6		0	
12/15/1998	XX	SW-AR1828-36144	70	6.01	0.5				176.1	4.7		0	
3/30/1999	XX	SW-AR1829-36249	28	5.73	0.7				288.7	5		9	
6/9/1999	XX	SW-AR1830-36320	27	5.65	16.2				239.5	2.5		0	
9/14/1999	XX	SW-AR1831-36417	138	5.48	18.3				136.1	2.8		0	
12/2/1999	XX	SW-AR1832-36496	49	5.95	1.4				282.6	2.8		0	
3/28/2000	XX	SW-AR1833-36613	23	5.88	0.9					5.5		1	
6/13/2000	XX	SW-AR1834-36690	35	6.23	13					3.2		0	
12/12/2001	XX	SW-AR1835-37237	89	6.21	1					2		0	
3/14/2002	XX	SW-AR1836-37329	34	7.63	2.6					5.5		0	

SUMMARY REPORT
Field Data

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-AR1)													
6/18/2002	XX	SW-AR1837-37425	51	6.47	12.3					1		0	
6/26/2003	XX	SW-AR1N37798	90	6.03	20.5					1.4			
5/3/2004	XX	SWAR1X01B	70	6.1	15.1				357	5	30	4.7	
7/27/2004	XX	SWAR1X04H	80	6.2	15.2				266	1	40	3.9	
10/26/2004	XX	SWAR1X06C	98	6.1	8.5				220	1	45	2.5	
5/10/2005	XX	SWAR1X12D	59	6.1	11.8				378	3	30	1.2	0.26
7/28/2005	XX	SWAR1X161	60	5.6	19.5				286	6	25	3.4	0.2
9/20/2005	XX	SWAR1X18J	110	6.5	14.6				282	6	50	2	0.1
5/24/2006	XX	SWAR1X1DE	134	6.2	11.5				264	4	35	2.5	0
7/26/2006	XX	SWAR1X1GB	100	6.5	21.3				278	2	75	0.3	0.8
9/13/2006	XX	SWAR1X1J4	D	D	D				D	D	D	D	D
5/15/2007	XX	SWAR1X22B	170	7.4	10.3				384	4	20	1.2	0.1
7/24/2007	XX	SWAR1X26F	128	6.3	21.4				310	5	60	4.2	0.5
9/11/2007	XX	SWAR1X295	I	I	I				I	I	I	I	I
5/21/2008	XX	SWAR1X2CJ	287	6.9	11.4				306	5	30	4.6	1
7/29/2008	XX	SWAR1X2G3	I	I	I				I	I	I	I	I
10/28/2008	XX	SWAR1X2ID	126	7.6	15				201	2	25	4.2	0.3
4/14/2009	XX	SWAR1X321	159	6.4	9.6				470	3	20	1.3	0.5
7/7/2009	XX	SWAR1X365	120	6.6	14.6				402	3	75	6.6	6.75
10/27/2009	XX	SWAR1X3E0	195	6.5	5.1				225	4	35	3.6	6
SW-AR2													
5/26/1994	XX	SW-AR2XX34480	10	6.5	9.9					1.5			
8/8/1994	XX	SW-AR2XX34554	20	6.3	22					2.5			
11/15/1994	XX	SW-AR2XX34653	50	5.9	7.3					1.5			
2/7/1995	XX	SW-AR2XX34737	F	F	F					F			
5/24/1995	XX	SW-AR2XX34843	47	6.5	12.2					2.6			
8/16/1995	XX	SW-AR2XX34927	50	6	21.5					2			
11/30/1995	XX	SW-AR2XX35033	30	7.2	0.2					1			
2/27/1996	XX	SW-AR2XX35122	20	6	0.3					1.5			
5/21/1996	XX	SW-AR2XX35206	10	6.2	13.1					4			
11/25/1996	XX	SW-AR2XX35394	20	5.9	1.2					1		2.5	
3/26/1997	XX	SW-AR2822-35515	115	5.35	0.5					I		2	
6/4/1997	XX	SW-AR2823-35585	44	5.67	9.5				77.4	1.1		0	
9/11/1997	XX	SW-AR2824-35684	76	6.12	14.9				89	4.2		0	
12/8/1997	XX	SW-AR2825-35772	27	5.65	0.2				109.3			3	
3/26/1998	XX	SW-AR2826-35880	27	5.66	1				108.2	6.4		0	
6/9/1998	XX	SW-AR2827-35955	63	6.17	13.4				102.9	2.4		0	
12/15/1998	XX	SW-AR2829-36144	69	5.84	0.6				194.6	4		0	
3/30/1999	XX	SW-AR2830-36249	30	5.83	0.3				276.1	8.2		350	
6/9/1999	XX	SW-AR2831-36320	31	5.92	18				224.7	4		0	
9/14/1999	XX	SW-AR2832-36417	139	5.52	16.6				119.4	3.7		0	
12/2/1999	XX	SW-AR2833-36496	45	6.02	1.1				268.4	4.2		0	
3/28/2000	XX	SW-AR2834-36613	24	5.94	0.2					6.7		80	
6/13/2000	XX	SW-AR2835-36690	39	6.58	13.6					4.8		0	
12/12/2001	XX	SW-AR2836-37237	71	6.6	1.6					4.6		0	
3/14/2002	XX	SW-AR2837-37329	46	7.25	2.4					8.3		22	
6/18/2002	XX	SW-AR2838-37425	36	6.35	12.6					2.3		0	
6/26/2003	XX	SW-AR2N37798	131	6.6	19					5			
5/3/2004	XX	SWAR2X01C	66	6	5.9				236	3	45	6.7	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-AR2)													
7/27/2004	XX	SWAR2X04I	172	6.4	14				157	1	70	6.9	
10/26/2004	XX	SWAR2X06D	133	6.4	9.1				158	1	80	1.9	
5/10/2005	XX	SWAR2X12E	67	6.4	8.4				367	5	30	0.9	0.1
7/28/2005	XX	SWAR2X162	85	5.4	18.9				268	6	25	8.2	11.75
9/20/2005	XX	SWAR2X190	121	7.1	14.9				299	6	50	4	0.1
5/24/2006	XX	SWAR2X1DF	152	6.4	11.1				254	4	40	2.3	0.2
7/26/2006	XX	SWAR2X1GC	100	6.5	21.5				169	1	70	0.5	2.5
9/13/2006	XX	SWAR2X1J5	I	I	I				I	I	I	I	I
5/15/2007	XX	SWAR2X22C	178	7	7.9				276	5	35	5.5	0.75
7/24/2007	XX	SWAR2X26G	203	6.6	20.2				216	5	95	4.7	0.4
9/11/2007	XX	SWAR2X296	D	D	D				D	D	D	D	D
5/21/2008	XX	SWAR2X2D0	619	6.9	9.7				287	6	60	3.7	2.5
7/29/2008	XX	SWAR2X2G4	292	6.6	21.3				199	4	60	11.2	1
10/28/2008	XX	SWAR2X2IE	66	7.5	12.9				384	3	20	3.8	0.1
4/14/2009	XX	SWAR2X322	208	6.4	5.2				478	4	20	4.4	1
7/7/2009	XX	SWAR2X366	94	6.7	14.6				276	3	60	2.6	0.5
10/27/2009	XX	SWAR2X3E1	159	6.3	5.1				110	4	20	3	17
SW-AR3													
5/26/1994	XX	SW-AR3XX34480	50	4.6	10.9					6.5			
8/8/1994	XX	SW-AR3XX34554	40	4.9	19					4.5			
11/15/1994	XX	SW-AR3XX34653	30	6	7					5			
2/7/1995	XX	SW-AR3XX34737	10	6.3	0					6.3			
5/24/1995	XX	SW-AR3XX34843	22	5.4	11.8					5.1			
8/16/1995	XX	SW-AR3XX34927	D	D	D					D			
11/30/1995	XX	SW-AR3XX35033	20	6.1	0.3					1			
2/27/1996	XX	SW-AR3XX35122	10	4.5	0.1					2			
5/21/1996	XX	SW-AR3XX35206	10	5	13.9					5			
11/25/1996	XX	SW-AR3XX35394	10	5	0.8					2.5		0.6	
3/26/1997	XX	SW-AR3823-35515	F	F	F				F	F		F	
6/4/1997	XX	SW-AR3824-35585	20	5.51	10.2				126.5	1.7		0	
9/11/1997	XX	SW-AR3825-35684	34	4.98	14.6				166	5.7		0	
12/8/1997	XX	SW-AR3826-35772	18	4.7	0.2				110			0	
3/26/1998	XX	SW-AR3827-35880	15	5	0.5				92.4	11.6		0	
6/9/1998	XX	SW-AR3828-35955	22	5.98	13.7				170.7	6.7		0	
12/15/1998	XX	SW-AR3830-36144	47	5.37	0.4				275	9.7		0	
3/30/1999	XX	SW-AR3831-36249	17	5.03	0.3				255.5	10.9		1	
6/9/1999	XX	SW-AR3832-36320	16	5.12	15.8				231.6	5.5		0	
9/14/1999	XX	SW-AR3833-36417	59	5.81	15.5				136.9	3.7		0	
12/2/1999	XX	SW-AR3834-36496	25	5.97	1.3				227.4	10.9		0	
3/28/2000	XX	SW-AR3835-36613	13	5.11	0.1					11.4		90	
6/13/2000	XX	SW-AR3836-36690	15	5.65	12.5					7.4		0	
9/13/2000	XX	SW-AR3837-36782	40	6.5	16					2.2		13	
12/12/2001	XX	SW-AR3838-37237	53	6.8	0.1					6.4		0	
3/14/2002	XX	SW-AR3839-37329	23	4.9	1.5					12.2		0	
6/18/2002	XX	SW-AR3840-37425	17	5.05	12.3					6.1		0	
9/19/2002	XX	SW-AR3841-37518	35	5.99	13					1.7		30	
6/26/2003	XX	SW-AR3N37798	27	5.75	23.1					2.6			
9/18/2003	XX	SW-AR3N37882	35	6.53	14.4					1			
5/3/2004	XX	SWAR3X01D	28	4.9	13.7				415	6	15	0.7	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-AR3)													
7/27/2004	XX	SWAR3X04J	39	5.6	16.8				356	6	20	1.8	
10/26/2004	XX	SWAR3X06E	35	4.9	8.2				313	5	15	1.2	
5/10/2005	XX	SWAR3X12F	20	5.2	7.6				413	6	10	0.2	2.53
7/28/2005	XX	SWAR3X163	39	6.3	18.7				232	6	10	2.5	Z
9/20/2005	XX	SWAR3X191	77	6	15.4				298	6	45	0.5	37.5
5/24/2006	XX	SWAR3X1DG	30	5.5	10.5				281	5	40	2.9	0
7/26/2006	XX	SWAR3X1GD	45	5.6	22.1				205	5	25	0.8	46
9/13/2006	XX	SWAR3X1J6	40	6.5	9.9				192	6	20	1.6	0
5/15/2007	XX	SWAR3X22D	30	7.1	9.1				325	6	15	2.4	0.5
7/24/2007	XX	SWAR3X26H	40	5.7	18.5				251	5	20	2.6	2
9/11/2007	XX	SWAR3X297	D	D	D				D	D	D	D	D
5/21/2008	XX	SWAR3X2D1	49	6.6	10.1				356	6	45	2.6	20
7/29/2008	XX	SWAR3X2G5	48	5.9	20.7				271	4	55	0	1
10/28/2008	XX	SWAR3X2IF	37	7.4	12.7				431	6	20	3	2
4/14/2009	XX	SWAR3X323	28	6.7	2.9				459	4	20	0.9	1
7/7/2009	XX	SWAR3X367	27	6.9	14.6				466	5	50	3.6	2.5
10/27/2009	XX	SWAR3X3E2	65	5.3	4.8				455	4	15	2.3	7
SW-DP1													
5/3/2004	XX	SWDP1X01H	358	7.6	18.1				343	8	125	2.1	
7/27/2004	XX	SWDP1X053	400	8.2	20.5				275	8	175	14	
10/26/2004	XX	SWDP1X06H	232	8.2	10.4				276	0.8	150	0.8	
5/10/2005	XX	SWDP1X12I	118	6.9	19				350	5	65	15	
7/28/2005	XX	SWDP1X166	101	6.4	26.9				282	6	80	28.1	
9/20/2005	XX	SWDP1X194	147	7.1	16				296	5	30	15.2	
5/24/2006	XX	SWDP1X1DJ	206	7	14.9				402	6	50	3.2	
7/26/2006	XX	SWDP1X1GG	196	8.5	31.1				308	5	40	0.6	
9/13/2006	XX	SWDP1X1J9	177	7	18.7				258	6	70	2.4	
5/15/2007	XX	SWDP1X22G	190	7.3	14.8				264	6	85	3.1	
7/24/2007	XX	SWDP1X270	142	8.9	24.3				281	6	40	1.6	
9/11/2007	XX	SWDP1X29A	112	9.1	18.4				211	6	40	0.2	
5/21/2008	XX	SWDP1X2D4	156	8.2	15.4				277	6	75	1.6	
7/29/2008	XX	SWDP1X2G8	111	9.4	26.5				261	5	30	2.5	
10/28/2008	XX	SWDP1X2II	152	7.4	14.4				285	6	50	3.6	
4/14/2009	XX	SWDP1X326	223	8.6	13.7				442	6	70	16.5	
7/7/2009	XX	SWDP1X36A	111	6.7	18.1				368	6	50	1.7	
10/27/2009	XX	SWDP1X3E5	186	6.3	7.8				319	5	25	0.8	
4/28/2010	XX	SWDP1X3J4	201	6.6	10.9				335	5	55	3.1	
7/20/2010	XX	SWDP1X428	106	8.2	26.5				200	5	25	3.9	
10/19/2010	XX	SWDP1X45C	197	7.3	8.6				419	6	35	0.5	
SW-DP2													
5/3/2004	XX	SWDP2X01I	447	8.2	17.6				314	8	175	1.5	
7/27/2004	XX	SWDP2X054	362	7.2	19.6				306	6	225	1.4	
10/26/2004	XX	SWDP2X06I	310	7.5	9.9				282	8	170	1.4	
5/10/2005	XX	SWDP2X12J	177	8.7	19.7				308	8	95	1.2	
7/28/2005	XX	SWDP2X167	116	6.2	24.9				266	6	75	382	
9/20/2005	XX	SWDP2X195	145	7.2	16.2				273	5	30	25.2	
5/24/2006	XX	SWDP2X1E0	!	!	!				!	!	!	!	
7/26/2006	XX	SWDP2X1GH	!	!	!				!	!	!	!	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-DP2)													
9/13/2006	XX	SWDP2X1JA	!	!	!				!	!	!	!	
5/15/2007	XX	SWDP2X22H	66	7	14.5				268	6	35	8.5	
7/24/2007	XX	SWDP2X271	108	7.4	24.6				324	6	40	7.9	
9/11/2007	XX	SWDP2X29B	257	7.8	17.5				247	5	40	2.3	
5/21/2008	XX	SWDP2X2D5	88	8.2	15.9				289	6	55	1.7	
7/29/2008	XX	SWDP2X2G9	177	7.7	27				241	4	60	70.9	
10/28/2008	XX	SWDP2X2IJ	128	7.5	14.7				371	6	55	3.6	
4/14/2009	XX	SWDP2X327	177	7	8.8				501	5	20	20.1	
7/7/2009	XX	SWDP2X36B	DE	DE	DE				DE	DE	DE	DE	
SW-DP6													
10/27/2009	XX	SWDP6X3G6	148	6.3	7.5				385	5	15	3.7	
4/28/2010	XX	SWDP6X3J5	271	6.5	7.3				369	6	50	4.2	
7/20/2010	XX	SWDP6X429	260	7	27				280	5	90	7.9	
10/19/2010	XX	SWDP6X45D	297	7.4	8.8				396	6	35	2.6	
SW-LCH													
3/26/1997	XX	SW-LCH1-35515	476	6.34	3.2					1.7		3	
6/3/1997	XX	SW-LCH2-35584	1420	6.84	15.7				19.8	2.5		149	
9/11/1997	XX	SW-LCH3-35684	2060	7.29	17.6				6.9	0.6		423	
12/8/1997	XX	SW-LCH4-35772	1730	7.14	2.8				8			150	
3/25/1998	XX	SW-LCH5-35879	2190	6.89	1.6				65.5	2.7		206	
6/9/1998	XX	SW-LCH6-35955	2930	7.41	14.1				196.3	0.9		274	
9/10/1998	XX	SW-LCH7-36048	3790	7.83	15.2				173.3	1.2		395	
12/15/1998	XX	SW-LCH8-36144	4420	7.54	4.1				206.3	2.1		193	
3/30/1999	XX	SW-LCH9-36249	1940	6.69	4.9				284.6	2.3		97	
6/9/1999	XX	SW-LCH10-36320	2120	7.05	17.9				199.3	1.4		109	
9/14/1999	XX	SW-LCH11-36417	1920	7.17	19.7				120.9	1.2		173	
12/2/1999	XX	SW-LCH12-36496	2680	7.66	1.5				253.4	5.2		142	
3/28/2000	XX	SW-LCH13-36613	3220	6.99	4.5					2.1		174	
6/13/2000	XX	SW-LCH14-36690	3240	7.91	14.1					0.5		47	
9/13/2000	XX	SW-LCH15-36782	4270	8.37	19.3					2.4		44	
3/14/2001	XX	SW-LCH16-36964	6170	7.52	4.1					1.8		266	
6/19/2001	XX	SW-LCH17-37061	6360	7.87	22.2					0.1		315	
9/11/2001	XX	SW-LCH18-37145	2150	7.57	19.9					0.5		40	
12/12/2001	XX	SW-LCH19-37237	6150	8.59	2.6					1.5		400	
3/14/2002	XX	SW-LCH20-37329	6020	7.47	5.2					1.5		165	
6/18/2002	XX	SW-LCH21-37425	5680	7.43	15.1					0		73	
9/19/2002	XX	SW-LCH22-37518	5490	8.44	17.2					3.5		19	
12/10/2002	XX	SW-LCH23-37600	10000	7.32	2.6					0.3		45	
3/26/2003	XX	SW-LCHN37706	7480	7.36	4.5					0.1			
6/26/2003	XX	SW-LCHN37798	9200	7.3	17.6					0.5			
9/18/2003	XX	SW-LCHN37882	7030	7.47	18.2					0.4			
5/4/2004	XX	SWLCHX01F	5240	7.6	11.6				-203	0.2	1750	42.1	
7/28/2004	XX	SWLCHX051	3370	7.9	18.2				-81	0.4	1250	20.8	
10/26/2004	XX	SWLCHX06G	6150	7.7	12.8				-110	0.2	2500	11.7	
5/11/2005	XX	SWLCHX12H	5130	7.1	14.6				13	0.3	913	7.1	
7/27/2005	XX	SWLCHX165	8850	7.4	24.7				-112			32	
9/21/2005	XX	SWLCHX193	4110	7.6	21.8				41	6	788	18.2	
5/24/2006	XX	SWLCHX1DI	7160	7.6	11.5				171	6	D3	D3	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-LCH)													
7/25/2006	XX	SWLCHX1GF	9050	7.8	30.2				-131	1	500	D3	
9/13/2006	XX	SWLCHX1J8	4350	7.8	21.8				268	3	1875	6.7	
5/15/2007	XX	SWLCHX22F	8930	7.2	15.1				-69	1	763	D3	
7/24/2007	XX	SWLCHX26J	10110	7.2	25.9				-25	1	625	1100 >	
9/11/2007	XX	SWLCHX299	11260	7.5	17.7				258	5	1062	1100 >	
5/21/2008	XX	SWLCHX2D3	6280	7.7	21.2				-136	1	1100	D3	
7/29/2008	XX	SWLCHX2G7	11940	7.5	22.8				-161	1	1188	45.5	
10/29/2008	XX	SWLCHX2IH	11370	7.8	10.4				156	1	688	63	
SW-UD													
5/4/2004	XX	SWXUDX020	637	7.1	8.1				283	8	165	1	
LT-C4L													
4/15/2009	XX	LTC4LX325	29800	7.1	18.6				95	D2	D3	1100 >	
7/7/2009	XX	LTC4LX369	20000 >	7.6	17.8				217	8	D3	400	
10/28/2009	XX	LTC4LX3E4	24300	7.3	17.6				102	D2	D3	230	
4/28/2010	XX	LTC4LX3J3	23200	7.3	17.7				145	2	1813	170	
7/20/2010	XX	LTC4LX427	23400	6.9	21.8				33	D2	D3	D3	
10/19/2010	XX	LTC4LX45B	28300	7.1	19.6				113	2	1313	20	
SW-1													
11/13/1990	XX	SW-1XX33190	40	6.4	3								
2/19/1991	XX	SW-1XX33288	F	F	F					F			
6/4/1991	XX	SW-1XX33393	70	6.8	16.1					7.4			
9/16/1991	XX	SW-1XX33497	90	8	10.6					4.2			
12/18/1991	XX	SW-1XX33590	50	7.5	0					5.4			
3/2/1992	XX	SW-1XX33665	F	F	F					F			
6/23/1992	XX	SW-1XX33778	90	7.9	11.5					3.1			
8/17/1992	XX	SW-1XX33833	120	8.1	15					2.1			
1/26/1993	XX	SW-1XX33995	100	7.4	1					12.8			
4/27/1993	XX	SW-1XX34086	50	8.1	6					10			
7/21/1993	XX	SW-1XX34171	10	7.4	18.3					2			
10/12/1993	XX	SW-1XX34254	50	7.9	5.7					10.2			
1/11/1994	XX	SW-1XX34345	80	7.7	0					13.2			
5/26/1994	XX	SW-1XX34480	50	7.5	6.8					5.5			
8/8/1994	XX	SW-1XX34554	60	6.3	17					3.7			
11/15/1994	XX	SW-1XX34653	50	6.8	6.3					6			
2/7/1995	XX	SW-1XX34737	F	F	F					F			
5/23/1995	XX	SW-1XX34842	240	7.8	16.9					1.4			
8/15/1995	XX	SW-1XX34926	90	6.5	16.4					2			
11/30/1995	XX	SW-1XX35033	30	7.5	3.2					3			
2/27/1996	XX	SW-1XX35122	20	7.2	0.1					1			
5/21/1996	XX	SW-1XX35206	20	5.9	13.7					4			
11/25/1996	XX	SW-1XX35394	40	6.7	1.3					3.5		1.8	
3/26/1997	XX	SW-1816-35515	F	F	F				F	F		F	
6/4/1997	XX	SW-1817-35585	92	6.19	11.5				58.2	1.2		20	
9/11/1997	XX	SW-1818-35684	91	6.57	14.2				52.7	2.6		0	
12/8/1997	XX	SW-1819-35772	68	6.16	0.2				62.8			1	
3/25/1998	XX	SW-1820-35879	63	6.62	0.9				55	6.7		0	
6/9/1998	XX	SW-1821-35955	94	6.7	14.4				131.8	5.2		0	
9/10/1998	XX	SW-1822-36048	118	6.82	13.2				230.9	4		0	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-1)													
12/15/1998	XX	SW-1823-36144	100	7.33	0.5				212.7	5.9		0	
3/30/1999	XX	SW-1824-36249	53	6.85	6.1				262.3	8.3		0	
6/9/1999	XX	SW-1825-36320	72	6.5	16.4				210.7	2.1		0	
9/15/1999	XX	SW-1826-36418	90	6.53	17.4				180.4	1.5		0	
12/2/1999	XX	SW-1827-36496	110	6.96	2				267.5	5		0	
3/28/2000	XX	SW-1828-36613	49	7.19	2.7					8.2		3	
6/13/2000	XX	SW-1829-36690	91	6.74	13					1		15	
9/13/2000	XX	SW-1830-36782	100	6.92	18.7					3		175	
6/19/2001	XX	SW-1831-37061	106	6.67	20.2					2.6		0	
9/11/2001	XX	SW-1832-37145	110	6.7	17.7					2.1		0	
12/12/2001	XX	SW-1833-37237	100	6.77	0.1					8.6		0	
3/14/2002	XX	SW-1834-37329	64	7.49	1.5					7		0	
6/18/2002	XX	SW-1835-37425	80	7.29	14.4					2.6		0	
9/19/2002	XX	SW-1836-37518	98	7.28	12.1					2.7		0	
6/26/2003	XX	SW-1N37798	149	6.69	25					0.6			
9/18/2003	XX	SW-1N37882	136	6.9	14					0.8			
5/3/2004	XX	SWXX1X018	91	6.3	18				364	6	30	0.7	
7/27/2004	XX	SWXX1X04E	80	5.8	16.4				261	5.7	30	3.4	
10/26/2004	XX	SWXX1X069	72	6	8				278	5	30	0.9	
5/10/2005	XX	SWXX1X12A	57	6.7	25				442	5	95	1.4	
7/28/2005	XX	SWXX1X15I	62	6.1	22.9				267	6	80	20.1	
9/20/2005	XX	SWXX1X18G	106	8	16.9				267	6	30	9.2	
5/24/2006	XX	SWXX1X1DB	181	6.5	14.6				430	6	70	3.8	
7/26/2006	XX	SWXX1X1G8	120	6	26.3				228	4	30	1.8	
9/13/2006	XX	SWXX1X1J1	345	6.6	17.6				244	5		2.4	
5/15/2007	XX	SWXX1X228	84	5.9	10.9				273	5	35	1.6	
7/24/2007	XX	SWXX1X26C	101	6.7	25.1				366	6	60	3.1	
9/11/2007	XX	SWXX1X292	101	6.7	15.9				275	5	30	2.9	
5/21/2008	XX	SWXX1X2CG	96	6.9	13.7				279	6	50	1.3	
7/29/2008	XX	SWXX1X2G0	I	I	I				I	I	I	I	
10/28/2008	XX	SWXX1X2IA	68	7.7	11.2				207	5	20	4.7	
4/14/2009	XX	SWXX1X31I	109	7	7.7				475	6	15	3.6	
7/7/2009	XX	SWXX1X362	59	6.7	16.9				383	5	30	0.8	
10/27/2009	XX	SWXX1X3DH	86	6.5	5.6				336	3	10	1	
4/28/2010	XX	SWXX1X3IG	186	6.2	7.9				404	5	15	1.7	
7/20/2010	XX	SWXX1X420	293	6.3	21.3				100	2	135	15.5	
10/19/2010	XX	SWXX1X454	142	7.3	6.2				450	4	20	3.2	
SW-2													
11/13/1990	XX	SW-2XX33190	30	8.4	3								
2/20/1991	XX	SW-2XX33289	90	6.5	3					0.4			
6/4/1991	XX	SW-2XX33393	60	7						8			
9/17/1991	XX	SW-2XX33498	150	7.5	17.8					4.7			
12/18/1991	XX	SW-2XX33590	40	7.7	1					2.8			
3/2/1992	XX	SW-2XX33665	100	6.8	1					1			
6/23/1992	XX	SW-2XX33778	100	8.1	24					3.6			
8/17/1992	XX	SW-2XX33833	100	8	21					2.2			
1/26/1993	XX	SW-2XX33995	90	7.6	1					13.7			
4/27/1993	XX	SW-2XX34086	60	7.4	9.5					5			
7/21/1993	XX	SW-2XX34171	80	7	25.6					6			

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(SW-2)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
10/13/1993	XX	SW-2XX34255	50	7.7	10.1					10.4			
1/11/1994	XX	SW-2XX34345	90	6.7	0					12.4			
5/26/1994	XX	SW-2XX34480	70	6.9	12.5					2			
8/8/1994	XX	SW-2XX34554	70	6.4	24					2.8			
11/16/1994	XX	SW-2XX34654	50	6.3	4.5					2			
2/7/1995	XX	SW-2XX34737	20	5.7	0					2.8			
5/24/1995	XX	SW-2XX34843	60	6.1	12.4					3.2			
8/16/1995	XX	SW-2XX34927	60	6.4	19					7			
11/30/1995	XX	SW-2XX35033	20	7.3	4.4					5			
2/27/1996	XX	SW-2XX35122	20	6.1	0.7					1.5			
5/21/1996	XX	SW-2XX35206	10	5.7	15.4					4			
11/25/1996	XX	SW-2XX35394	40	6.5	1.6					1.5		0.9	
3/26/1997	XX	SW-2818-35515	85	5.57	0.2					1			
6/4/1997	XX	SW-2819-35585	87	6.11	15				69.2	1.5		0	
9/11/1997	XX	SW-2820-35684	78	6.12	15.7				96	2.3		0	
12/8/1997	XX	SW-2821-35772	70	5.42	0.2				88.8			2	
3/25/1998	XX	SW-2822-35879	61	6.18	0.8				90	3.2		2	
6/9/1998	XX	SW-2823-35955	84	6.22	18.2				122.8	2.7		0	
9/10/1998	XX	SW-2824-36048	124	6.08	14.5				297.5	2.7		0	
12/15/1998	XX	SW-2825-36144	81	6.4	3.8				109.8	2.6		0	
3/30/1999	XX	SW-2826-36249	43	6.12	2.4				274.1	4.7		0	
6/9/1999	XX	SW-2827-36320	73	6.01	16				198.9	2		0	
9/15/1999	XX	SW-2828-36418	86	6.28	18.5				138.5	1.5		10	
12/2/1999	XX	SW-2829-36496	69	6.57	3.5				258	2.9		0	
3/28/2000	XX	SW-2830-36613	37	6.08	2.4					3.6		2	
6/13/2000	XX	SW-2831-36690	75	6.41	15.3					2		0	
9/13/2000	XX	SW-2832-36782	92	6.37	20.2					3.5		0	
12/12/2000	XX	SW-2833-36872	30	6.32	1.9					10.1		0	
6/19/2001	XX	SW-2834-37061	79	6.6	21.9					1.3		0	
9/11/2001	XX	SW-2835-37145	72	6.15	23.5					2.1		0	
12/12/2001	XX	SW-2836-37237	61	6.66	1.2					4.6		0	
3/14/2002	XX	SW-2837-37329	53	7.6	2.3					2.8		7	
6/18/2002	XX	SW-2838-37425	67	6.51	15.2					3.3		0	
9/19/2002	XX	SW-2839-37518	109	6.2	15.3					1.4		0	
12/10/2002	XX	SW-2840-37600	101	6.03	2.6					2.3		0	
3/26/2003	XX	SW-2N37706	88	6.07	0.4					1.5			
6/26/2003	XX	SW-2N37798	98	6.15	21.5					0.7			
9/18/2003	XX	SW-2N37882	133	6.44	18.8					3.4			
5/3/2004	XX	SWXX2X019	85	6.1	16.4				366	6	25	1.8	
7/27/2004	XX	SWXX2X04F	87	5.7	20.5				311	5	25	0.8	
10/26/2004	XX	SWXX2X06A	83	5.9	7.6				355	5	25	0.4	
5/10/2005	XX	SWXX2X12B	66	6.4	15.7				364	6	30	0.9	2.82
7/28/2005	XX	SWXX2X15J	49	6.3	22.1				210	6	25	1.5	5.6
9/20/2005	XX	SWXX2X18H	64	7	16.6				267	5	30	2.4	3.4
5/24/2006	XX	SWXX2X1DC	65	6.4	13				284	6	25	2.8	2
7/26/2006	XX	SWXX2X1G9	66	6	25.3				240	3	30	0.6	1.3
9/13/2006	XX	SWXX2X1J2	80	6.4	16.3				304	4	25	1.8	1
5/15/2007	XX	SWXX2X229	74	6.1	11.7				310	4	30	1.1	0.5
7/24/2007	XX	SWXX2X26D	101	6.3	26.3				260	6	45	3.5	2.5
9/11/2007	XX	SWXX2X293	99	6.6	16.8				203	5	40	2.4	0.6

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-2)													
5/21/2008	XX	SWXX2X2CH	83	6.7	13.3				282	6	45	2.7	3
7/29/2008	XX	SWXX2X2G1	81	6.8	27.7				340	4	20	0.7	1
10/28/2008	XX	SWXX2X2IB	54	7.4	14.4				432	6	50	2.6	3.5
4/14/2009	XX	SWXX2X31J	62	6.7	6.8				516	3	35	3.2	1.9
7/7/2009	XX	SWXX2X363	62	7.1	16.2				453	5	25	2.6	6.5
10/27/2009	XX	SWXX2X3DI	122	5.8	6.9				445	5	15	3.6	3
4/28/2010	XX	SWXX2X3IH	78	6.2	7.6				422	2	20	1.1	1.8
7/20/2010	XX	SWXX2X421	83	7.1	28.2				288	8	25	3.7	0.5
10/19/2010	XX	SWXX2X455	130	7.2	9.5				444	6	20	3.2	2
SW-3													
5/26/1994	XX	SW-3XX34480	80	7.1	12.7					5.5			
8/8/1994	XX	SW-3XX34554	70	5.7	21					8.5			
11/15/1994	XX	SW-3XX34653	40	6.2	6.2					7			
2/7/1995	XX	SW-3XX34737	60	6.9	0					4.1			
5/24/1995	XX	SW-3XX34843	62	5.7	12.8					4.5			
8/16/1995	XX	SW-3XX34927	60	6.6	19.2					2			
11/30/1995	XX	SW-3XX35033	30	6.9	0.3					1			
2/27/1996	XX	SW-3XX35122	130	5.8	0.1					3			
5/21/1996	XX	SW-3XX35206	20	6.2	14.3					4.5			
11/25/1996	XX	SW-3XX35394	40	5.4	1.1					2.5		3.7	
3/26/1997	XX	SW-3819-35515	F	F	F				F	F		F	
6/4/1997	XX	SW-3820-35585	69	6.45	13.6				52.5	2.5		0	
9/11/1997	XX	SW-3821-35684	72	6.6	15.7				23.8	5.5		0	
12/8/1997	XX	SW-3822-35772	60	5.73	0.1				106.4			4	
3/26/1998	XX	SW-3823-35880	59	6.29	0.8				108.5	11.2		0	
6/9/1998	XX	SW-3824-35955	76	6.79	16.7				108.7	8		0	
9/10/1998	XX	SW-3825-36048	101	6.83	13.7				317.3	7		0	
12/15/1998	XX	SW-3826-36144	89	6.09	1.6				196.6	12.1		0	
3/30/1999	XX	SW-3827-36249	40	6.29	4.4				257.7	12		0	
6/9/1999	XX	SW-3828-36320	60	6.42	19.8				192.3	4.2		0	
9/15/1999	XX	SW-3829-36418	73	6.92	17.1				92.7	6.4		0	
12/2/1999	XX	SW-3830-36496	62	6.99	2.3				249	8.1		0	
3/28/2000	XX	SW-3831-36613	151	5.99	2.2					11		16	
6/13/2000	XX	SW-3832-36690	59	6.65	15.6					7.7		0	
9/13/2000	XX	SW-3833-36782	87	6.69	17.9					4.8		0	
6/19/2001	XX	SW-3834-37061	103	6.98	18.3					5		0	
9/11/2001	XX	SW-3835-37145	87	6.58	21.8					2.1		0	
12/12/2001	XX	SW-3836-37237	94	8.2	1.2					9.7		0	
3/14/2002	XX	SW-3837-37329	55	5.96	2.7					11			
6/18/2002	XX	SW-3838-37425	70	6.35	14.8					5.4		0	
9/19/2002	XX	SW-3839-37518	104	6.82	12.3					4.8		0	
12/10/2002	XX	SW-3840-37600	141	6.33	1					5.9		0	
6/26/2003	XX	SW-3N37798	91	6.55	23.8					4			
9/18/2003	XX	SW-3N37882	102	6.88	13.4					4.2			
5/3/2004	XX	SWXX3X01A	68	5.5	16.8				360	6	25	3.8	
7/27/2004	XX	SWXX3X04G	104	6.3	18.1				364	3	45	5.3	
10/26/2004	XX	SWXX3X06B	73	6.5	7.9				290	4	35	2.1	
5/10/2005	XX	SWXX3X12C	149	6.5	14.7				363	4	15	1	5.42
7/28/2005	XX	SWXX3X160	66	6.3	21.2				318	4	15	2.1	2.35

SUMMARY REPORT
Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(SW-3)													
9/20/2005	XX	SWXX3X18I	74	6.9	17.3				316	5	35	4	5.4
5/24/2006	XX	SWXX3X1DD	73	6.4	14.4				271	6	25	2	6
7/26/2006	XX	SWXX3X1GA	65	6.4	23.9				237	6	40	0.4	6.1
9/13/2006	XX	SWXX3X1J3	88	6.8	13.9				354	6	25	1.4	
5/15/2007	XX	SWXX3X22A	68	6.4	12.2				300	4	25	1.8	5.76
7/24/2007	XX	SWXX3X26E	84	6.7	21.4				259	5	40	2.1	5.08
9/11/2007	XX	SWXX3X294	98	6.9	16				258	5	45	1.8	4.67
5/21/2008	XX	SWXX3X2CI	84	6.9	12.3				346	6	30	2.3	5
7/29/2008	XX	SWXX3X2G2	103	7	27.4				260	4	45	3.1	5
10/28/2008	XX	SWXX3X2IC	63	7.3	12.9				452	4	20	2.6	7
4/14/2009	XX	SWXX3X320	71	6.5	3.8				495	6	20	1.6	12
7/7/2009	XX	SWXX3X364	58	6.6	16				421	4	30	2.6	8
10/27/2009	XX	SWXX3X3DJ	82	6.1	4.7				461	5	20	1.7	10
4/28/2010	XX	SWXX3X3II	81	6.8	8.9				368	2	20	1.7	9
7/20/2010	XX	SWXX3X422	110	7	22.3				287	4	60	9.6	3.5
10/19/2010	XX	SWXX3X456	137	7.5	6.2				437	6	15	0.6	8
SW-4													
11/25/1996	XX	SW-4XX35394	220	6	6.5					4		1.2	
3/26/1997	XX	SW-4820-35515	214	6.71	3.1					8.7			
6/3/1997	XX	SW-4821-35584	308	6.87	10.3				27.8	2.1		0	
9/11/1997	XX	SW-4822-35684	392	6.74	16.1				33.4	6.5		0	
12/8/1997	XX	SW-4823-35772	262	6.59	9.9				33.5			170	
3/25/1998	XX	SW-4824-35879	267	7.26	5.3				105	7.4		0	
6/9/1998	XX	SW-4825-35955	308	7.14	12.1				170.6	8.6		0	
9/10/1998	XX	SW-4826-36048	347	7.12	16.7				129.8	6.7		0	
12/15/1998	XX	SW-4827-36144	306	7.04	9.2				270.1	8.1		0	
3/30/1999	XX	SW-4828-36249	287	6.7	7.3				259.5	8		8	
6/9/1999	XX	SW-4829-36320	284	6.96	12.8				183.8	7.7		0	
9/14/1999	XX	SW-4830-36417	182	7.18	18.8				142.2	6.3		6	
12/2/1999	XX	SW-4831-36496	294	7.09	10.1				219.8	7.8		6	
3/28/2000	XX	SW-4832-36613	268	6.57	7.1					7.8		8	
6/13/2000	XX	SW-4833-36690	274	7.19	11.8					8.3		0	
9/13/2000	XX	SW-4834-36782	228	7.63	16.8					7.3		255	
12/12/2000	XX	SW-4835-36872	200	6.85	9.8					6.4		4	
3/14/2001	XX	SW-4836-36964	171	7.15	6.3					9.7		83	
6/19/2001	XX	SW-4837-37061	193	7.03	12					10		0	
9/11/2001	XX	SW-4838-37145	204	7.33	13.8					8.6		0	
12/12/2001	XX	SW-4839-37237	239	7.97	8.9					8.2		0	
3/14/2002	XX	SW-4840-37329	174	7.69	9.4					8.5		0	
6/18/2002	XX	SW-4841-37425	197	7.65	12.2					9.7		0	
9/19/2002	XX	SW-4842-37518	257	7.7	14.2					8.1		0	
12/10/2002	XX	SW-4843-37600	205	6.83	9.7					8		0	
3/26/2003	XX	SW-4N37706	173	6.54	9.2					7.1			
6/26/2003	XX	SW-4N37798	202	7.2	14.8					9.1			
9/18/2003	XX	SW-4N37882	236	7.49	15.2					6.7			
5/4/2004	XX	SWXX4X01G	188	7.4	11.3				285	8	100	0	
6/14/2004	XX	SWXX4X08B	217	6.8	11.4					6	110	1.2	
PWS-1													

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(PWS-1)													
4/26/2010	XX	GWPWS13IJ	223	6.1	11.7				23	1	70	8.8	
7/19/2010	XX	GWPWS1423	314	6.1	19.9				192	3	25	7.6	
10/18/2010	XX	GWPWS1457	438	6.5	8.8				232	5	10	2.7	
PWS-2													
4/26/2010	XX	GWPWS23J0	82	6	9.3				102	4	20	2.3	
7/19/2010	XX	GWPWS2424	110	5.6	21.1				-5	1	45	3.4	
10/18/2010	XX	GWPWS2458	150	6.6	8.7				302	1	20	5.5	
PWS-3													
4/26/2010	XX	GWPWS33J1	175	7	11.8				39	2	80	6.3	
7/19/2010	XX	GWPWS3425	211	5.5	17.9				79	2	105	7.1	
10/18/2010	XX	GWPWS3459	131	6.2	7.8				400	4	20	4.1	

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

! - The sampling location was damaged or destroyed.
* - Duplicate analysis not within control limits
A - The sampling location was inaccessible
A6 - Approximate value.
D - The sampling location was dry.
D2 - Sample too dark to read D.O. reading.
D3 - Sample too dark to take reading.
DE - Decommissioned Location
F - The sampling location was frozen.
F1 - Well was flowing
F6 - No flow. Sample not taken.
H2 - Waterlevel higher than pipes. See LF-COMP for readings
H5 - Waterlevel higher than pipes. See LP-COMP for readings
H6 - Pipe under water, could not measure flow.
I - The sampling location yielded insufficient quantity to collect a sample.
L - Could not locate sampling location.
Z - No measurable flow at a surface water.

SUMMARY REPORT

Inorganics (part 1 of 2)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-1)			Ammonia (N)	Bicarbonate (CaCO3)	Biochemical Oxygen Demand	Chloride	Chemical Oxygen Demand	Nitrate (N)	Phosphate Phosphorus	Sulfate	Ca-mg Hardness (CaCO3)	Bromide
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
LF-UD-1												
7/28/2004	XX	LFUD1X05E	0.1 U	118		2.7	3 U	0.3	0.02 J	5.8		
10/27/2004	XX	LFUD1X076	0.1 U	115		2.5	3 U	0.3	0.02 J	4.9		
5/11/2005	XX	LFUD1X137	0.1 U	115		3.9	3 U	0.3	0.01 J	7.7		
7/27/2005	XX	LFUD1X16F	0.1 U	113		2.6	3 U	0.2 J	0.01 U	4.4		
9/21/2005	XX	LFUD1X19D	0.1 U	110		3.3	3 U	0.4	0.01 J	8		
5/24/2006	XX	LFUD1X1E8	0.1 U	118		5.3	4 J	0.6	0.01 J	11		
7/25/2006	XX	LFUD1X1H5	0.1 U	117		3.6	4 J	0.4	0.01 J	7.6		
9/11/2006	XX	LFUD1X1JI	0.1 U	130		3.3	3 J	0.4	0.03 J	7		
5/16/2007	XX	LFUD1X235	0.1 U	148		3.8	3 U	0.1 J	0.01 J	6.7		
7/25/2007	XX	LFUD1X279	0.1 U	157		3.3	4 J	0.2 J	0.02 J	6		
9/12/2007	XX	LFUD1X29J	I	I		I	I	I	I	I		
5/20/2008	XX	LFUD1X2DD	0.1 U	143		3.7	3 U	0.3	0.01 J	7.6		
7/28/2008	XX	LFUD1X2GH	0.1 U	164		2.3	14	0.3	0.01 J	7.4		
10/28/2008	XX	LFUD1X2J7	0.1 U	155		1.9	3 U	0.3	0.01 J	9		
4/15/2009	XX	LFUD1X32F	0.1 U	175		4	9 J	0.3	0.01 U	6.4		
7/8/2009	XX	LFUD1X36J	H2	H2		H2	H2	H2	H2	H2		
10/27/2009	XX	LFUD1X3EE	H2	H2		H2	H2	H2	H2	H2		
4/27/2010	XX	LFUD1X3JD	0.1 U	174		3.5	3 J	0.3	0.02 J	6.6		
7/20/2010	XX	LFUD1X42H	F6	F6		F6	F6	F6	F6	F6		
10/19/2010	XX	LFUD1X461	F6	F6		F6	F6	F6	F6	F6		
LF-UD-2												
7/28/2004	XX	LFUD2X05F	0.1 U	113		2.7	3 U	0.4	0.02 J	3.5		
10/27/2004	XX	LFUD2X077	0.1 U	113		2.7	3 U	0.4	0.02 J	3.1		
5/11/2005	XX	LFUD2X138	0.1 U	92		2.4	3 U	0.3	0.02 J	2.3		
7/27/2005	XX	LFUD2X16G	0.1 U	116		2.4	3 U	0.3	0.01 J	2.8		
9/21/2005	XX	LFUD2X19E	0.1 U	112		2.7	3 U	0.3	0.02 J	4.1		
5/24/2006	XX	LFUD2X1E9	0.1 U	105		2.9	3 J	0.4	0.02 J	3.8		
7/25/2006	XX	LFUD2X1H6	0.1 U	107		2.1	3 U	0.3	0.02 J	2.7		
9/11/2006	XX	LFUD2X1JJ	0.1 U	155		7	3 U	0.3	0.02 J	15.2		
5/16/2007	XX	LFUD2X236	0.1 U	123		2.1	3 U	0.1 U	0.01 J	2.2		
7/25/2007	XX	LFUD2X27A	0.1 U	125		3.2	6 J	0.2 J	0.02 J	3		
9/12/2007	XX	LFUD2X2A0	0.1 U	120		3.1	3 U	0.2 J	0.01 J	3.3		
5/20/2008	XX	LFUD2X2DE	0.1 U	125		2.5	3 U	0.3	0.02 J	3.7		
7/28/2008	XX	LFUD2X2GI	0.1 U	134		2.3	7 J	0.2 J	0.01 J	3.8		
10/29/2008	XX	LFUD2X2J8	0.1 U	123		1.7	3 J	0.3	0.01 J	3.5		
4/15/2009	XX	LFUD2X32G	0.1 U	123		6	6 J	0.2 J	0.01 U	5.4		
7/8/2009	XX	LFUD2X370	H2	H2		H2	H2	H2	H2	H2		
10/27/2009	XX	LFUD2X3EF	H2	H2		H2	H2	H2	H2	H2		
4/27/2010	XX	LFUD2X3JE	0.1 U	134		3.8	4 J	0.2 J	0.02 J	3.8		
7/20/2010	XX	LFUD2X42I	0.1 U	185		2.4	4 J	0.3	0.66	3.2		
10/19/2010	XX	LFUD2X462	0.1 U	213		3.2	3 U	0.1 J	0.05	17.5		
LF-UD-3A												
5/16/2007	XX	LFUD3X246	0.1 U	201		2.4	3 U	0.1 J	0.01 J	8.3		
7/25/2007	XX	LFUD3X288	F6	F6		F6	F6	F6	F6	F6		
9/12/2007	XX	LFUD3X2AI	F6	F6		F6	F6	F6	F6	F6		
5/20/2008	XX	LFUD3X2EE	0.1 U	130		6.5	9 J	1.3	0.01 J	16.3		
7/28/2008	XX	LFUD3X2HG	D	D		D	D	D	D	D		

SUMMARY REPORT

Inorganics (part 1 of 2)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(LF-UD-3A)												
10/29/2008	XX	LFUD3X306	F6	F6		F6	F6	F6	F6	F6		
4/15/2009	XX	LFXXXX33F	0.1 U	123		10	10	0.7	0.01 U	13.3		
7/8/2009	XX	LFXXXX37I	H2	H2		H2	H2	H2	H2	H2		
10/27/2009	XX	LFXXXX3FC	H2	H2		H2	H2	H2	H2	H2		
4/27/2010	XX	LFXXXX40C	0.1 U	181		12.6	3 U	0.3	0.01 J	13.6		
7/20/2010	XX	LFXXXX43G	F6	F6		F6	F6	F6	F6	F6		
10/19/2010	XX	LFXXXX46J	F6	F6		F6	F6	F6	F6	F6		
LF-UD-3B												
4/15/2009	XX	LFXXXX349	F6	F6		F6	F6	F6	F6	F6		
7/8/2009	XX	LFXXXX37J	H2	H2		H2	H2	H2	H2	H2		
10/27/2009	XX	LFXXXX3FD	H2	H2		H2	H2	H2	H2	H2		
4/27/2010	XX	LFXXXX40D	F6	F6		F6	F6	F6	F6	F6		
7/20/2010	XX	LFXXXX43H	F6	F6		F6	F6	F6	F6	F6		
10/19/2010	XX	LFXXXX470	F6	F6		F6	F6	F6	F6	F6		
LF-UD-4												
4/15/2009	XX	LFXXXX34A	0.1 U	136		9	6 J	0.6	0.01 U	14.8		
7/8/2009	XX	LFXXXX380	H2	H2		H2	H2	H2	H2	H2		
10/27/2009	XX	LFXXXX3FE	H2	H2		H2	H2	H2	H2	H2		
4/27/2010	XX	LFXXXX40E	F6	F6		F6	F6	F6	F6	F6		
7/20/2010	XX	LFXXXX43I	F6	F6		F6	F6	F6	F6	F6		
10/19/2010	XX	LFXXXX471	F6	F6		F6	F6	F6	F6	F6		
LF-UD-5												
4/27/2010	XX	LFXXXX40F	0.1 U	153		3.3	3 J	0.7	0.01 J	16.1		
7/20/2010	XX	LFXXXX43J	0.1 U	180		6.2	5 J	1.1	0.03 J	22		
10/19/2010	XX	LFXXXX472	0.1 U	184		3.6	3 J	0.2 J	0.06	19.6		
LF-COMP												
7/8/2009	XX	LFXXXXHG0	0.1 U	138		2.4	23	0.3	0.01 J	3.8		
10/27/2009	XX	LFXXXXHBA	0.1 U	185		6.6	6 J	0.2 J	0.02 J	8.8		
LP-LD-1												
7/28/2004	XX	LPLD1X05I	0.1 U	288		39.1	18	7.5	0.02 J	98.6		
10/27/2004	XX	LPLD1X07A	0.1 U	182		16.2	20	3.1	0.14	45.8		
5/11/2005	XX	LPLD1X13B	0.1 U	32		0.7 J	7 J	0.1 U	0.05	0.6 U		
7/27/2005	XX	LPLD1X16J	0.1 U	192		3.7	4 J	0.7	0.01 U	10.9		
9/21/2005	XX	LPLD1X19H	0.3 J	316		96.4	29	2.4	0.09	42.2		
5/24/2006	XX	LPLD1X1EC	0.1 U	87		12.2	11	2.1	0.02 J	23.2		
7/25/2006	XX	LPLD1X1H9	0.1 U	230		15.5	11	4	0.01 J	42.4		
9/11/2006	XX	LPLD1X202	0.1 J	303		25.7	13	5	0.01 J	62.8		
5/16/2007	XX	LPLD1X239	0.2 J	200		13.7	12	1.7	0.01 U	28.1		
7/25/2007	XX	LPLD1X27D	0.1 U	316		24.5	18	1	0.05	52.9		
9/12/2007	XX	LPLD1X2A3	0.1 J	373		25.1	29	0.1 U	0.18	34.1		
5/20/2008	XX	LPLD1X2DH	0.1 U	54		1.2	9 J	0.8	0.04	2.3		
7/28/2008	XX	LPLD1X2H1	0.1 U	90		1.4	13	0.9	0.05	3		
10/29/2008	XX	LPLD1X2JB	0.1 U	145		2.4	17	0.9	0.07	5.7		
4/15/2009	XX	LPLD1X32J	0.1 U	209		24.2	11	4	0.01 U	35.4		
7/8/2009	XX	LPLD1X373	0.1 U	32		13.2	4 J	0.1 J	0.12	6		
10/27/2009	XX	LPLD1X3EI	0.1 U	43		10.1	4 J	0.4	0.03 J	4.9		

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(LP-UD-1) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
LP-UD-1												
7/28/2004	XX	LPUD1X05G	D	D		D	D	D	D	D		
10/27/2004	XX	LPUD1X078	H2	H2		H2	H2	H2	H2	H2		
5/11/2005	XX	LPUD1X139	D	D		D	D	D	D	D		
7/27/2005	XX	LPUD1X16H	D	D		D	D	D	D	D		
9/21/2005	XX	LPUD1X19F	D	D		D	D	D	D	D		
5/24/2006	XX	LPUD1X1EA	D	D		D	D	D	D	D		
7/26/2006	XX	LPUD1X1H7	F6	F6		F6	F6	F6	F6	F6		
9/11/2006	XX	LPUD1X200	D	D		D	D	D	D	D		
5/16/2007	XX	LPUD1X237	F6	F6		F6	F6	F6	F6	F6		
7/25/2007	XX	LPUD1X27B	F6	F6		F6	F6	F6	F6	F6		
9/12/2007	XX	LPUD1X2A1	F6	F6		F6	F6	F6	F6	F6		
5/20/2008	XX	LPUD1X2DF	F6	F6		F6	F6	F6	F6	F6		
7/28/2008	XX	LPUD1X2GJ	D	D		D	D	D	D	D		
10/29/2008	XX	LPUD1X2J9	F6	F6		F6	F6	F6	F6	F6		
4/15/2009	XX	LPUD1X32H	F6	F6		F6	F6	F6	F6	F6		
7/8/2009	XX	LPUD1X371	F6	F6		F6	F6	F6	F6	F6		
10/27/2009	XX	LPUD1X3EG	F6	F6		F6	F6	F6	F6	F6		
4/27/2010	XX	LPUD1X3JF	F6	F6		F6	F6	F6	F6	F6		
7/20/2010	XX	LPUD1X42J	F6	F6		F6	F6	F6	F6	F6		
10/19/2010	XX	LPUD1X463	F6	F6		F6	F6	F6	F6	F6		
LP-UD-2												
7/28/2004	XX	LPUD2X05H	0.1 U	178		15.7	8 J	0.7	0.01 J	58.3		
10/27/2004	XX	LPUD2X079	0.1 U	228		31.1	14	2.3	0.02 J	116		
5/11/2005	XX	LPUD2X13A	0.1 U	155		9.9	3 J	0.7	0.01 J	34.3		
7/27/2005	XX	LPUD2X16I	0.1 U	168		8.7	3 U	0.4	0.01 U	21.4		
9/21/2005	XX	LPUD2X19G	0.1 U	172		8.3	3 U	0.4	0.01 J	22.4		
5/24/2006	XX	LPUD2X1EB	0.1 U	147		8.6	5 J	0.7	0.01 J	21.4		
7/25/2006	XX	LPUD2X1H8	0.1 U	143		6.9	3 U	0.4	0.01 J	16.5		
9/11/2006	XX	LPUD2X201	0.1 U	120		2.3	3 U	0.2 J	0.02 J	2.7		
5/16/2007	XX	LPUD2X238	0.1 U	151		8.1	6 J	0.2 J	0.01 J	12.7		
7/25/2007	XX	LPUD2X27C	0.1 U	142		8.2	7 J	0.1 J	0.01 J	14.2		
9/12/2007	XX	LPUD2X2A2	0.1 U	139		8.4	3 J	0.3	0.01 U	14.3		
5/20/2008	XX	LPUD2X2DG	0.1 U	126		16.5	3 U	0.4	0.01 J	14.5		
7/28/2008	XX	LPUD2X2H0	0.1 U	123		14	3 J	0.4	0.01 J	13.6		
10/29/2008	XX	LPUD2X2JA	0.1 U	121		12.1	3 U	0.3	0.01 J	13.4		
4/15/2009	XX	LPUD2X32I	0.1 U	123		9.1	6 J	0.3	0.01 U	9.8		
7/8/2009	XX	LPUD2X372	0.1 U	132		7.6	3 U	0.3	0.01 U	10.4		
10/27/2009	XX	LPUD2X3EH	0.1 U	90		11.1	11	0.2 J	0.07	7.7		
4/27/2010	XX	LPUD2X3JG	0.1 U	129		12.5	3 J	0.2 J	0.01 J	9.7		
7/20/2010	XX	LPUD2X430	0.1 U	137		8.6	3 J	0.2 J	0.01 J	9.2		
10/19/2010	XX	LPUD2X464	0.1 U	125		7.2	3 U	0.1 J	0.01 J	8		
LP-COMP												
10/27/2004	XX	LPCOMPHD2	0.1 U	225		31.4	14	2.3	0.02 J	117		
LT-C4L												
4/15/2009	XX	LTC4LX325	318	3290	4050	10100	6640	10 U		143 J	6212	92.3
7/7/2009	XX	LTC4LX369	708	2830	2360	21500	4684	30 U	1.1	342 J		

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(LT-C4L) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
10/28/2009	XX	LTC4LX3E4	624	2750	677	17400	2822	20 U	0.88	120 U		
4/28/2010	XX	LTC4LX3J3	697	3210	1000 U	18000	2429	20 U		120 U	2856	188
7/20/2010	XX	LTC4LX427	714	3360	139	19900	2108	20 U	1.2	120 U		
10/19/2010	XX	LTC4LX45B	666	2700	152	18700	2340	5.6 J	0.76	63		
MW-204												
11/13/1990	XX	MW-204XX33190	0.5		14	2.4	22	0.05 U	1.7	2.5	110	
2/20/1991	XX	MW-204XX33289	F		F	F	F	F	F	F	F	
6/3/1991	XX	MW-204XX33392	0.54		3	2 U	8.6	0.05 U	2.7	5.5	95	
9/16/1991	XX	MW-204XX33497	0.13		1 U	2	240	0.05 U	0.3	6	78	
12/17/1991	XX	GW204X001	0.16		1 U	2 U	13 J	0.063	0.52	7	70	
3/2/1992	XX	GW204X00I	F		F	F	F	F	F	F	F	
6/23/1992	XX	GW204X01E	0.15		3 U	2	7	0.1	0.88	7	86	
8/17/1992	XX	GW204X02C	0.22		9	3	96	0.05 U	2.9	8	72	
1/26/1993	XX	GW204X038	0.09		5 U	2	98	0.06	0.29	6	63	
4/27/1993	XX	GW204X04C	0.1		5 U	2	5 U	0.05	0.23	6	54	
7/21/1993	XX	GW204X054	0.23		5 U	1	11	0.05 U	0.34	7	63	
10/12/1993	XX	GW204X05I	0.05 U		10 U	2	14	0.05 U	0.26	7	91	
1/11/1994	XX	GW204X06E	0.08		5 U	2	36	0.06	0.46	8	71	
5/21/1996	XX	GW204X093	0.1 U		6 U	1.8	4 U	0.09	0.88	7	71	
11/25/1996	XX	GW204X0A2				1 U	4 U			6	58.9	
3/25/1997	XX	MW-204808-35514				1 U	2 U			5 U	56.4	
6/3/1997	XX	MW-204809-35584				1 U	2 U			5 U	63.7	
9/9/1997	XX	MW-204810-35682				1 U	2 U			13	65.5	
12/3/1997	XX	MW-204811-35767				1 U	2 U			5 U	68	
3/23/1998	XX	MW-204812-35877				2.5	2 U			5.9	69.6	
6/8/1998	XX	MW-204813-35954				3.2	2 U			5.3	72.2	
9/9/1998	XX	MW-204814-36047				3.3	2 U			6	76.7	
12/14/1998	XX	MW-204815-36143				2.9	4 U			5.7	70.5	
3/29/1999	XX	MW-204816-36248				3	4			4.9	63.5	
6/8/1999	XX	MW-204817-36319				2.8	4			4.8	66.4	
9/13/1999	XX	MW-204818-36416				1.4	15 U			7.2	61.4	
12/1/1999	XX	MW-204819-36495				1.6	15 U			4.3	80.1	
3/27/2000	XX	MW-204820-36612				10 U	10 U			8.5	86	
6/12/2000	XX	MW-204821-36689				10 U	10 U			7.5	85	
9/12/2000	XX	MW-204822-36781				10 U	10 U			5.8	78	
12/11/2000	XX	MW-204823-36871				10 U	10 U			7.9	77	
3/12/2001	XX	MW-204824-36962				10 U	10 U			6	82	
6/18/2001	XX	MW-204825-37060				10 U	10 U			6	88	
9/10/2001	XX	MW-204826-37144				10 U	10 U			6.7	86	
12/11/2001	XX	MW-204827-37236				10 U	11			5.7	86	
3/13/2002	XX	MW-204828-37328				10 U	11			6.1	110	
6/17/2002	XX	MW-204829-37424				10 U	10			8.1	150	
9/18/2002	XX	MW-204830-37517				5.1	10 U			5.3	160	
12/9/2002	XX	MW-204831-37599				5.3	10			6.2	160	
3/25/2003	XX	MW-204N37705				3.8	10 U			4.6	140	
6/25/2003	XX	MW-204N37797				2.8	10 U			6	140	
9/17/2003	XX	MW-204N37881				4.6	16			6.3	120	
1/29/2004	XX	GW204X03A	0.1 U	110		4.4	3 U	0.1 J		5.2		
5/4/2004	XX	GW204X008	0.1 U	98	6 U	5.1	3 U	0.1 J		9.9	102	0.03 U

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(MW-204)												
7/27/2004	XX	GW204X03G	0.1 U	95	6 U	2.4	3 U	0.2 J		4	95.3	0.03 U
10/25/2004	XX	GW204X07D	0.1 U	97		4.3	4 J	0.1 J		28.7		
5/9/2005	XX	GW204X13E	0.1 U	80		5.1	3 U	0.1 J		18.4		
8/1/2005	XX	GW204X172	0.1 U	93		6.2	3 U	0.1 U		23.9		
9/20/2005	XX	GW204X1A0	0.1 U	105		7.7	3 U	0.1 J		42.5		
5/23/2006	XX	GW204X1EF	0.1 U	81		4.3	3 U	0.2 J		18.7		
7/24/2006	XX	GW204X1HC	0.1 U	81		3	3 U	0.1 U		16.3		
9/11/2006	XX	GW204X205	0.1 U	85		3.6	3 U	0.1 U		15.7		
5/14/2007	XX	GW204X23C	0.1 U	83		3.7	3 U	0.1 U		8.7		
7/23/2007	XX	GW204X27G	0.1 U	84		5.8	6 J	0.1 U		12.8		
9/10/2007	XX	GW204X2A6	0.1 U	97		7.2	9 J	0.1 U		14.3		
5/21/2008	XX	GW204X2E0	0.1 U	94		8.8	3 U	0.3		7.8		
7/30/2008	XX	GW204X2H4	0.1 U	96		5	4 J	0.2 J		9.8		
10/28/2008	XX	GW204X2JE	0.1 U	94		3.8	3 J	0.2 J		10.5		
4/13/2009	XX	GW204X332	0.1 U	84		4.7	3 U	0.3		7.7		
7/6/2009	XX	GW204X376	0.1 U	90		4.1	3 U	0.1 J		7.9		
10/26/2009	XX	GW204X3F1	0.1 U	98		4.5	3 U	0.1 U		7.2		
4/28/2010	XX	GW204X400	0.1 U	83		4.9	4 J	0.1 U		5.9		
7/19/2010	XX	GW204X434	0.1 U	81		5.1	3 U	0.1 U		5.5		
10/19/2010	XX	GW204X468	0.1 U	76		4.8	3 U	0.1 U		5.5		
MW-206												
4/27/1993	XX	GW206X04I	0.1		5 U	1 U	10	0.27	2.8	4	57	
4/27/1993	XD	GW206X04E	0.11		5 U	2	25	0.27	2.7	4	58	
7/21/1993	XX	GW206X05A	0.2		5 U	1 U	22	0.05 U	0.31	3	59	
10/13/1993	XX	GW206X05J	0.11		5 U	1 U	23	0.16	0.29	3	57	
1/11/1994	XX	GW206X06F	0.07		5 U	1 U	12	0.11	0.18	4	60	
5/21/1996	XX	GW206X094	0.1 U		6 U	1 U	2 U	0.06	0.13	5 U	56	
11/26/1996	XX	GW206X0A3				1 U	8 U			5 U	60.2	
3/25/1997	XX	MW-206824-35514				1 U	2 U			5 U	53.5	
6/2/1997	XX	MW-206825-35583				1 U	2 U			5 U	52.4	
9/8/1997	XX	MW-206826-35681				1 U	2 U			5 U	65.2	
12/3/1997	XX	MW-206827-35767				1 U	2 U			5 U	54.7	
3/23/1998	XX	MW-206828-35877				1.7	2 U			1.4	55.6	
6/8/1998	XX	MW-206829-35954				0.8	2 U			1.1	56.4	
9/8/1998	XX	MW-206830-36046				1.4	2 U			1.3	60.1	
12/14/1998	XX	MW-206831-36143				0.8	4 U			1.1	56	
3/29/1999	XX	MW-206832-36248				0.9	5			0.9	46.1	
6/8/1999	XX	MW-206833-36319				1.3	5			1	54.8	
9/15/1999	XX	MW-206834-36418				1	15 U			1.1	50.2	
12/1/1999	XX	MW-206835-36495				0.9	15 U			0.5	61	
3/27/2000	XX	MW-206836-36612				10 U	10 U			1 U	65	
6/12/2000	XX	MW-206837-36689				10 U	10 U			1 U	65	
9/13/2000	XX	MW-206838-36782				10 U	10 U			3.3	61	
12/11/2000	XX	MW-206839-36871				10 U	10 U			2.9	61	
3/13/2001	XX	MW-206840-36963				10 U	10 U			2	58	
6/18/2001	XX	MW-206841-37060				10 U	10 U			1	61	
9/10/2001	XX	MW-206842-37144				10 U	10 U			1	63	
12/12/2001	XX	MW-206843-37237				10 U	10 U			0.8 U	51	
3/13/2002	XX	MW-206844-37328				10 U	10 U			1.3	66	

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(MW-206) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
6/17/2002	XX	MW-206845-37424				10 U	10 U			4.6	65	
9/18/2002	XX	MW-206846-37517				2 U	10 U			2.5	59	
12/9/2002	XX	MW-206847-37599				2.3	10 U			1.8	61	
3/26/2003	XX	MW-206N37706				2 U	10 U			1.4	58	
6/25/2003	XX	MW-206N37797				2 U	10 U			1.1	61	
9/17/2003	XX	MW-206N37881				2 U	10 U			1 U	50	
5/6/2004	XX	GW206X010	0.1 U	69		1.5	3 J	0.1 U		0.2 J		
7/28/2004	XX	GW206X047	0.1 U	68		1.7	3 U	0.1 U		1.2		
10/26/2004	XX	GW206X062	0.1 U	71		1.8	3 U	0.1 U		1.1		
5/11/2005	XX	GW206X123	0.1 U	69		1.6	3 U	0.1 U		0.6 J		
7/28/2005	XX	GW206X15B	0.1 U	67		1.7	3 U	0.1 U		0.9 J		
9/19/2005	XX	GW206X189	0.1 U	73		1.9	3 U	0.1 U		1.1 J		
5/24/2006	XX	GW206X1D4	0.1 U	71		1.9	3 J	0.1 J		1.8 J		
7/25/2006	XX	GW206X1G1	0.1 U	71		1.5	3 U	0.1 U		1 J		
9/12/2006	XX	GW206X1IE	0.1 U	68		0.9 J	3 U	0.1 U		1.1 J		
5/14/2007	XX	GW206X221	0.1 U	68		1.2	3 U	0.1 U		0.8 J		
7/25/2007	XX	GW206X265	0.1 U	62		2.5	10	0.1 U		2.5		
9/11/2007	XX	GW206X28F	0.1 U	58		2.6	3 U	0.1 U		1.2 J		
5/20/2008	XX	GW206X2C9	0.1 U	67		1.5	3 U	0.1 J		1.6 J		
7/29/2008	XX	GW206X2FD	0.1 U	69		1.5	3 J	0.2 J		2		
10/27/2008	XX	GW206X2I3	0.5	69		0.9 J	3 U	0.1 U		4.1		
4/13/2009	XX	GW206X31B	0.1 U	68		1.6	4 J	0.2 J		1.4 J		
7/6/2009	XX	GW206X35F	0.1 U	68		1.3	3 U	0.1 J		1.9 J		
10/28/2009	XX	GW206X3DA	0.1 U	71		1.7	3 U	0.1 U		1.2 J		
4/26/2010	XX	GW206X3I9	0.3 J	67		2.7	3 U	0.1 U		1.6 J		
7/19/2010	XX	GW206X41D	0.6	70		1.8	8 J	0.1 U		1.7 J		
10/18/2010	XX	GW206X44H	2	80		1.2	5 J	0.1 U		0.6 U		
MW-207												
11/13/1990	XX	MW-207XX33190	0.3		1 U	3.4	26	0.05 U	2	7.4	81	
2/20/1991	XX	MW-207XX33289	0.6			6	5 U	0.05 U	1.1	7	68	
6/4/1991	XX	MW-207XX33393	0.25		5.4	2.7	20	0.05 U	0.94	2.2	85	
9/17/1991	XX	MW-207XX33498	0.14		8.3	2 U	36	0.29	1.2	5.5	53	
12/18/1991	XX	GW207X002	0.05 U		2.8	2 U	91	0.31	1.6	5.4	58	
3/2/1992	XX	GW207X00J	F		F	F	F	F	F	F	F	
6/23/1992	XX	GW207X01F	0.07		3	2	10	0.08	1.1	3	66	
6/23/1992	XD	GW207X028	0.06		3 U	2	14	0.06	1.2	4	70	
8/17/1992	XX	GW207X02D	0.09		2	3	150	0.05 U	0.82	1 U	63	
1/26/1993	XX	GW207X039	0.06		6 U	1	30	0.05 U	0.84	4	52	
4/27/1993	XX	GW207X04D	0.05		5 U	1	350	0.05 U	0.98	3	52	
7/22/1993	XX	GW207X055	0.05 U		5 U	1	20	0.05 U	0.74	2	57	
10/13/1993	XX	GW207X060	0.12		11	1	28	0.16	0.73	2	65	
1/11/1994	XX	GW207X06G	0.05 U		5 U	1	11	0.05 U	1.6	3	62	
5/21/1996	XD	GWDP1X09A	0.1 U		6 U	1 U	2 U	0.05 U	0.6	5 U	58	
5/21/1996	XX	GW207X095	0.1 U		6 U	1 U	3	0.05 U	0.53	5 U	57	
11/26/1996	XX	GW207X0A4				1	2 U			5 U	101	
3/24/1997	XX	MW-207825-35513				1 U	2 U			7	71.7	
6/2/1997	XX	MW-207826-35583				1 U	3			5 U	71.3	
9/8/1997	XX	MW-207827-35681				1 U	2 U			5 U	90.2	
12/3/1997	XX	MW-207828-35767				1 U	2 U			5 U	57.6	

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(MW-207)

Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
3/23/1998	XX	MW-207829-35877				2.1	2 U			2.1	54.3	
6/8/1998	XX	MW-207830-35954				0.8	2 U			1.4	60.1	
9/8/1998	XX	MW-207831-36046				1.6	2 U			1.6	63.8	
12/14/1998	XX	MW-207832-36143				1.4	4 U			1.8	51.8	
3/29/1999	XX	MW-207833-36248				1.4	4			1.8	34	
6/8/1999	XX	MW-207834-36319				1.8	7			2	49.7	
9/13/1999	XX	MW-207835-36416				1.1	15 U			1.4	38.1	
12/1/1999	XX	MW-207836-36495				1.2	15 U			1.7	48.1	
3/27/2000	XX	MW-207837-36612				10 U	20			3.9	77	
6/12/2000	XX	MW-207838-36689				10 U	14			4	80	
9/12/2000	XX	MW-207839-36781				10 U	22			1.1	63	
12/11/2000	XX	MW-207840-36871				10 U	12			4.5	58	
3/13/2001	XX	MW-207841-36963				10 U	10 U			2	54	
6/18/2001	XX	MW-207842-37060				10 U	10			3	44	
9/10/2001	XX	MW-207843-37144				10 U	10 U			3.8	46	
12/11/2001	XX	MW-207844-37236				10 U	10 U			2.5	51	
3/13/2002	XX	MW-207845-37328				10 U	10 U			3.5	40	
6/17/2002	XX	MW-207846-37424				10 U	10 U			6.3	44	
9/18/2002	XX	MW-207847-37517				2 U	10 U			4.2	44	
12/9/2002	XX	MW-207848-37599				2.3	10 U			3.4	46	
3/26/2003	XX	MW-207N37706				2.1	10 U			3.5	46	
6/25/2003	XX	MW-207N37797				2 U	10 U			4.5	50	
9/17/2003	XX	MW-207N37881				2 U	10 U			2.9	43	
5/5/2004	XX	GW207X011	0.1 U	69		1.6	3 U	0.1 U		1.7		
7/28/2004	XX	GW207X048	0.1 U	71		1.9	3 U	0.1 U		2.4		
10/25/2004	XX	GW207X063	0.1 U	75		1.8	3 U	0.1 U		2.1		
5/12/2005	XX	GW207X124	0.1 U	68		1.9	3 U	0.1 U		0.6 U		
8/1/2005	XX	GW207X15C	0.1 U	78		2.1	3 U	0.1 U		0.6 U		
9/19/2005	XD	GWDP1X18F	0.1 U	62		2.3	3 U	0.1 U		1.2 J		
9/19/2005	XX	GW207X18A	0.1 U	73		1.7	3 U	0.1 U		1.2 J		
5/22/2006	XX	GW207X1D5	0.1 U	72		3.6	7 J	0.1 U		5.8		
7/25/2006	XX	GW207X1G2	0.1 U	73		1.8	4 J	0.1 U		2.1		
9/11/2006	XX	GW207X1IF	0.1 U	71		2.3	11	0.1 U		1.6 J		
5/14/2007	XX	GW207X222	0.1 U	80		3.6	8 J	0.1 U		4		
7/25/2007	XX	GW207X266	0.1 U	89		5.5	17	0.1 U		7.8		
9/10/2007	XX	GW207X28G	0.1 U	90		4.9	12	0.1 J		6.8		
5/19/2008	XX	GW207X2CA	0.1 U	100		2.2	9 J	0.1 U		7.6		
7/29/2008	XX	GW207X2FE	0.1 U	115		2.6	11	0.1 J		8.7		
10/28/2008	XX	GW207X2I4	0.1 U	142		2	20	0.1 U		7.7		
4/13/2009	XX	GW207X31C	15.7	230		4.8	44	0.3		0.8 J		
7/6/2009	XX	GW207X35G	20.7	284		4.9	55	0.1 U		0.7 J		
10/26/2009	XX	GW207X3DB	9	195		5.9	35	2.9		9.4		
4/26/2010	XX	GW207X3IA	2.2	238		5.2	14	0.1 J		6.1		
7/19/2010	XX	GW207X41E	2.5	228		4.9	18	0.6		6.6		
10/18/2010	XX	GW207X44I	4.1	213		4	18	0.1 U		5.2		

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11/13/1990	XX	MW-212XX33190	I		I	I	I	I	I	I	I
2/19/1991	XX	MW-212XX33288	I		I	I	5 U	I	I	I	69
6/4/1991	XX	MW-212XX33393	0.1 U		14	2 U	34	0.08	I	4.6	42

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(MW-212)												
9/16/1991	XX	MW-212XX33497	I		I	I	I	I	I	I	I	
12/17/1991	XX	GW212X004	0.05 U		3.8	2 U	29	0.11	0.072	4.3	33	
3/2/1992	XX	GW212X011	0.1		I	I	I	I	0.38	I	I	
6/23/1992	XX	GW212X01H	D		D	D	D	D	D	D	D	
1/26/1993	XX	GW212X03B	D		D	D	D	D	D	D	D	
4/27/1993	XX	GW212X04G	0.06		6	1 U	14	0.72	0.38	51	73	
7/21/1993	XX	GW212X058	D		D	D	D	D	D	D	D	
10/12/1993	XX	GW212X062	D		D	D	D	D	D	D	D	
1/11/1994	XX	GW212X06I	I		I	1	I	0.09	I	10	40	
5/21/1996	XX	GW212X097	0.1 U		6 U	2	2 U	0.06	0.11	10	21.3	
11/26/1996	XX	GW212X0A5				D	D			D	D	
3/24/1997	XX	MW-212826-35513				F	F			F	F	
6/2/1997	XX	MW-212827-35583				1 U	2 U			6	14.4	
3/23/1998	XX	MW-212830-35877				2.5	2 U			16.9	23.7	
6/8/1998	XX	MW-212831-35954				1.5	2 U			2.6	18.2	
3/29/1999	XX	MW-212834-36248				0.9	15 U			11.7	17.9	
6/8/1999	XX	MW-212835-36319				1	4			2.5	17.5	
12/1/1999	XX	MW-212837-36495				0.6	15 U			2.5	21.8	
3/27/2000	XX	MW-212838-36612				10 U	10 U			16	25	
6/12/2000	XX	MW-212839-36689				10 U	10 U			4.2	21	
3/13/2002	XX	MW-212840-37328				10 U	10 U			16	10 U	
6/17/2002	XX	MW-212841-37424				10 U	10 U			7	18	
3/26/2003	XX	MW-212N37706				2 U	10 U			3.3	22	
6/25/2003	XX	MW-212N37797				2 U	10 U			4.1	19	
5/5/2004	XX	GW212X00B	0.1 U	20	6 U	0.7	3 U	0.1 U		5.5	14	0.03 U
7/27/2004	XX	GW212X03J	D	D	D	D	D	D		D	D	D
10/27/2004	XX	GW212X07F	D	D		D	D	D		D		
5/12/2005	XX	GW212X13G	0.1 U	35		1.9	3 U	0.1 J		16.9		
8/1/2005	XX	GW212X174	0.1 U	13.8		1.2	3 U	0.1 U		1.9 J		
9/20/2005	XX	GW212X1A2	I	I		I	I	I		I		
5/22/2006	XX	GW212X1EH	0.1 U	15.2		2.3	3 J	0.1 U		5.8		
7/25/2006	XX	GW212X1HE	0.1 U	12.5		1.4	3 U	0.1 U		2.1		
9/11/2006	XX	GW212X207	I	I		I	I	I		I		
5/14/2007	XX	GW212X23E	0.1 U	20		1.6	3 U	0.1 J		4.3		
7/24/2007	XX	GW212X27I	D	D		D	D	D		D		
9/10/2007	XX	GW212X2A8	D	D		D	D	D		D		
5/19/2008	XX	GW212X2E2	0.1 U	24		1.8	3 U	0.5		3.3		
7/29/2008	XX	GW212X2H6	D	D		D	D	D		D		
10/28/2008	XX	GW212X2JG	D	D		D	D	D		D		
4/13/2009	XX	GW212X334	0.1 U	42		27.5	3 J	0.2 J		7		
7/6/2009	XX	GW212X378	2.2	46		19.6	17	0.1 U		5		
10/26/2009	XX	GW212X3F3	D	D		D	D	D		D		
4/26/2010	XX	GW212X402	0.1 U	30		47.2	3 U	0.3		3.4		
7/19/2010	XX	GW212X436	D	D		D	D	D		D		
10/18/2010	XX	GW212X46A	D	D		D	D	D		D		
MW-216A												
11/12/1990	XX	MW-216AXX33189	0.5		1	2.1	18	0.05 U	4.6	19	51	
2/19/1991	XX	MW-216AXX33288	0.2				5 U	0.05 U	1.4	17	130	
6/4/1991	XX	MW-216AXX33393	0.13		1.3	0.2 U	5	0.05 U	1.3	15	44	

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(MW-216A)

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9/16/1991	XX	MW-216AXX33497	0.1 U		1.1	2 U	6	0.05 U	0.49	12	52	
12/17/1991	XX	GW216A005	0.057		2	2.1	22	0.05 U	0.31	13	48	
3/2/1992	XX	GW216A012	0.15		3 U	1	40	0.05 U	1.7	16	50	
6/23/1992	XX	GW216A01I	0.05 U		28	2	7	0.05 U	1.8	10	49	
8/17/1992	XX	GW216A02H	0.08		3	1 U	150	0.05 U	1.3	12	52	
1/26/1993	XX	GW216A03C	0.07		6 U	1	9	0.05 U	0.53	10	49	
4/27/1993	XX	GW216A042	0.13		5 U	1 U	7	0.05 U	0.53	10	52	
7/21/1993	XX	GW216A04J	0.19		6	1	12	0.06	0.48	10	55	
10/13/1993	XX	GW216A063	0.22		5 U	1	9	0.05 U	0.5	10	43	
1/11/1994	XX	GW216A06J	0.06		7	2	8	0.05 U	0.22	12	60	
5/21/1996	XX	GW216A098	0.1 U		6 U	1.5	2 U	0.05 U	0.09	5 U	58	
11/25/1996	XX	GW216A0A6				1 U	4 U			7	53	
3/25/1997	XX	MW-216A809-35514				1 U	2 U			7	52.6	
6/2/1997	XX	MW-216A810-35583				1 U	2 U			9	54.7	
9/9/1997	XX	MW-216A811-35682				1 U	2 U			9	67.1	
12/3/1997	XX	MW-216A812-35767				1 U	2 U			5	55.5	
3/25/1998	XX	MW-216A813-35879				1.7	2 U			8.6	58.4	
6/11/1998	XX	MW-216A814-35957				1.8	2 U			9.6	56.4	
9/8/1998	XX	MW-216A815-36046				1.6	2 U			8.8	60.1	
12/14/1998	XX	MW-216A816-36143				0.8	4 U			8.3	51.4	
3/30/1999	XX	MW-216A817-36249				1	15 U			7.5	55.6	
6/9/1999	XX	MW-216A818-36320				1.1	15 U			8.1	55.1	
9/14/1999	XX	MW-216A819-36417				0.9	15 U			5.8	51	
12/2/1999	XX	MW-216A820-36496				0.8	15 U			5.7	55.5	
3/28/2000	XX	MW-216A821-36613				10 U	10 U			13	60	
6/13/2000	XX	MW-216A822-36690				10 U	10 U			17	60	
9/13/2000	XX	MW-216A823-36782				14	10 U			3.3	60	
12/12/2000	XX	MW-216A824-36872				10 U	10 U			7	56	
3/14/2001	XX	MW-216A825-36964				10 U	10 U			10	52	
6/19/2001	XX	MW-216A826-37061				10 U	10 U			9	58	
9/11/2001	XX	MW-216A827-37145				10 U	10 U			8.9	63	
12/12/2001	XX	MW-216A828-37237				10 U	10 U			11	57	
3/14/2002	XX	MW-216A829-37329				10 U	10 U			8.8	63	
6/18/2002	XX	MW-216A830-37425				10 U	10 U			10	64	
9/19/2002	XX	MW-216A831-37518				2 U	10 U			8.1	73	
12/10/2002	XX	MW-216A832-37600				2.2	10 U			8.1	59	
3/26/2003	XX	MW-216AN37706				2 U	10 U			7.5	58	
6/26/2003	XX	MW-216AN37798				2 U	10 U			9.7	60	
9/18/2003	XX	MW-216AN37882				2 U	10 U			9.2	41	
5/6/2004	XX	GW216AHA0	0.1 U	96		1.5	3 U	0.1 U		6.1		
7/26/2004	XX	GW216A057	0.1 U	91		1.4	3 U	0.1 U		6.8		
7/26/2004	XD	GWDP3X055	0.1 U	89		1.6	3 U	0.1 U		7.1		
10/26/2004	XX	GW216A070	0.1 U	91		1.7	3 U	0.1 U		6.4		
5/10/2005	XX	GW216A131	0.1 U	92		1.7	3 J	0.1 U		6.2		
5/10/2005	XD	GWDP1X129	0.1 U	92		1.6	3 U	0.1 U		6.2		
7/27/2005	XX	GW216A169	0.1 U	90		1.7	3 U	0.1 U		5.6		
9/22/2005	XX	GW216A197	0.1 U	86		1.8	3 U	0.1 U		6.4		
5/23/2006	XD	GWDP5X1FC	0.1 U	102		2.8	3 U	0.1 U		6.6		
5/23/2006	XX	GW216A1E2	0.1 U	105		2.8	3 U	0.1 U		6.5		
7/25/2006	XX	GW216A1GJ	0.1 U	100		1.6	4 J	0.1 U		5.7		

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(MW-216A) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
9/12/2006	XD	GWDP4X1JH	0.1 U	94		1.3	3 U	0.1 U		5.8		
9/12/2006	XX	GW216A1JC	0.1 U	97		1.3	3 U	0.1 U		5.8		
5/15/2007	XX	GW216A22J	0.1 U	82		1.3	3 U	0.1 U		9.1		
5/15/2007	XD	GWDP5X243	0.1 U	95		1.2	3 U	0.1 U		6.4		
7/24/2007	XX	GW216A273	0.1 U	77		2.7	3 J	0.1 U		8.2		
9/10/2007	XX	GW216A29D	0.1 U	85		3.6	5 J	0.1 U		7.4		
9/10/2007	XD	GWDP3X29C	0.1 U	79		3.5	3 J	0.1 U		7.9		
5/20/2008	XX	GW216A2D7	0.1 U	81		1.5	3 U	0.1 J		8.5		
5/20/2008	XD	GWDP5X2EB	0.1 U	81		1.5	3 U	0.1 J		8.4		
7/28/2008	XX	GW216A2GB	0.1 U	88		3	3 U	0.1 U		8.8		
10/28/2008	XX	GW216A2J1	0.1 J	86		2.6	3 U	0.1 U		8.4		
4/14/2009	XX	GW216A329	0.1 U	84		3.5	3 U	0.1 U		5.7		
7/7/2009	XX	GW216A36D	DE	DE		DE	DE	DE		DE		
MW-216B												
11/12/1990	XX	MW-216BXX33189	0.2 U		1 U	2	12	0.05 U	0.12	5.8	69	
2/19/1991	XX	MW-216BXX33288	0.2				5 U	0.05 U	0.11	5	47	
6/4/1991	XD	MW-216BXD33393	0.1 U		1 U	2.1	23	0.05 U	0.02 U	4.4	46	
6/4/1991	XX	MW-216BXX33393	0.1 U		1 U	2.2	5 U	0.05 U	0.026	4.4	44	
9/16/1991	XD	MW-216BXD33497	0.1 U		1 U	2 U	22	0.052	0.02 U	4.6	53	
9/16/1991	XX	MW-216BXX33497	0.1 U		1 U	2 U	240	0.05 U	0.027	4.9	51	
12/17/1991	XX	GW216B007	0.055 U		1 U	2.3	29	0.05 U	0.02 U	4.4	34	
12/17/1991	XD	GW216B00F	0.06		1 U	2 U	93	0.05 U	0.02 U	4.2	34	
3/2/1992	XX	GW216B014	0.06		3 U	1 U	5 U	0.05 U	0.07	4	35	
6/23/1992	XX	GW216B01J	0.05 U		3 U	1	8	0.08	0.02 U	4	40	
8/17/1992	XX	GW216B02I	0.05		2 U	1	9	0.05 U	0.05	6	41	
1/26/1993	XX	GW216B03D	0.05 U		6 U	1	5 U	0.05	0.02 U	5	53	
4/27/1993	XX	GW216B043	0.06		5 U	2	25	0.05 U	0.07	4	44	
7/21/1993	XX	GW216B050	0.05 U		5 U	1	5 U	0.05 U	0.05	5	47	
10/13/1993	XD	GW216B066	0.05 U		5 U	2	5 U	0.05	0.18	7	62	
10/13/1993	XX	GW216X064	0.05 U		5 U	2	7	0.06	0.06	7	60	
1/11/1994	XX	GW216B070	0.05 U		5 U	1	5 U	0.05 U	0.03	5	61	
1/11/1994	XD	GW216B071	0.05 U		5 U	1	5 U	0.05	0.02 U	5	59	
5/21/1996	XX	GW216B099	0.1 U		6 U	1.9	2 U	0.05 U	0.05	5 U	53	
11/25/1996	XX	GW216B0A7				1 U	3			5 U	48.9	
3/25/1997	XX	MW-216B810-35514									54.3	
6/2/1997	XX	MW-216B811-35583				1 U	2 U			5 U	52.9	
9/9/1997	XX	MW-216B812-35682				1 U	2 U			7	54.7	
12/3/1997	XX	MW-216B813-35767				1 U	2 U			5 U	53	
3/25/1998	XD	MW-216B815-35955				1.1	2 U			3.9	59.3	
3/25/1998	XX	MW-216B814-35879				2.3	2 U			4.1	63	
9/8/1998	XX	MW-216B816-36046				1.9	2 U			3.9	66.7	
12/14/1998	XX	MW-216B817-36143				1.6	4 U			3.9	67.6	
3/30/1999	XX	MW-216B818-36249				1.6	15 U			3.7	60.2	
6/9/1999	XX	MW-216B819-36320				1.7	9			3.8	47.7	
9/14/1999	XX	MW-216B820-36417				1.1	15 U			4.3	47.3	
12/2/1999	XX	MW-216B821-36496				1.8	15 U			2.6	35.2	
3/28/2000	XX	MW-216B822-36613				10 U	10 U			4	52	
6/13/2000	XX	MW-216B823-36690				10 U	10 U			4	71	
9/13/2000	XX	MW-216B824-36782				10 U	10 U			3.9	43	

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(MW-216B) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
12/12/2000	XX	MW-216B825-36872				10 U	10 U			4	62	
3/14/2001	XX	MW-216B826-36964				10 U	10 U			4	72	
6/19/2001	XX	MW-216B827-37061				10 U	10 U			3	75	
9/11/2001	XX	MW-216B828-37145				10 U	10 U			4.4	61	
12/12/2001	XX	MW-216B829-37237				10 U	10 U			5.1	45	
3/14/2002	XX	MW-216B830-37329				10 U	10 U			4.3	85	
6/18/2002	XX	MW-216B831-37425				10 U	10 U			7	73	
9/19/2002	XX	MW-216B832-37518				2 U	10 U			5.2	58	
12/10/2002	XX	MW-216B833-37600				2.7	10 U			4.8	71	
3/26/2003	XX	MW-216BN37706				2.3	10 U			3.9	78	
6/26/2003	XX	MW-216BN37798				2.3	10 U			5.3	59	
9/18/2003	XX	MW-216BN37882				2 U	10 U			4.8	58	
5/6/2004	XX	GW216B013	0.1 U	65		2.3	3 J	0.3		2.5		
5/6/2004	XD	GWDP1X017	0.1 U	58		2.3	3 J	0.3		2.5		
7/26/2004	XX	GW216B049	0.1 U	48		2.1	3 U	0.1 U		4.4		
10/26/2004	XX	GW216B064	0.1 U	38		2.1	3 U	0.2 J		4.5		
10/26/2004	XD	GWDP1X068	0.1 U	44		2	3 U	0.2 J		4.4		
5/10/2005	XX	GW216B125	0.1 U	29		2.7	4 J	0.3		3.4		
7/27/2005	XX	GW216B15D	0.1 U	74		3	3 U	0.1 U		3.7		
7/27/2005	XD	GWDP3X168	0.1 U	73		3	3 U	0.1 U		3.5		
9/22/2005	XX	GW216B18B	0.1 U	33		1.4	3 U	0.1 J		4		
5/23/2006	XX	GW216B1D6	0.1 U	70		15.8	24	0.1 U		10		
7/25/2006	XD	GWDP1X1G7	0.1 U	38		5.6	13	0.1 U		4.1		
7/25/2006	XX	GW216B1G3	0.1 U	40		5.7	10	0.1 U		4.1		
9/12/2006	XX	GW216B1IG	0.1 U	44		4.5	8 J	0.1 U		4.3		
5/15/2007	XX	GW216B223	0.1 U	46		6.6	10	0.1 U		4.2		
7/24/2007	XX	GW216B267	0.1 U	44		6.2	8 J	0.1 U		10.3		
7/24/2007	XD	GWDP1X26B	0.1 U	41		6	7 J	0.1 U		10.3		
9/10/2007	XX	GW216B28H	0.1 U	46		5	7 J	0.1 J		7.9		
5/20/2008	XX	GW216B2CB	0.1 U	56		29.9	5 J	0.2 J		11.5		
7/28/2008	XX	GW216B2FF	3.6	95		50.4	14	0.1 U		19.7		
7/28/2008	XD	GWDP1X2FJ	3.4	95		51.9	10	0.1 U		20.5		
10/28/2008	XX	GW216B2I5	0.1 U	58		13.8	11	0.1 U		9.1		
4/14/2009	XX	GW216B31D	0.1 U	60		8.7	4 J	0.1 U		4.5		
7/7/2009	XX	GW216B35H	DE	DE		DE	DE	DE		DE		
MW-216BR												
12/8/2009	XX	GW216B3GG	0.1 U	122		15.3	3 U	0.1 U		8		
4/27/2010	XX	GW216B3IB	0.1 U	127		10.9	7 J	0.1 U		6.8		
7/20/2010	XX	GW216B41F	0.1 U	117		9.3	5 J	0.1 U		6.2		
10/19/2010	XX	GW216B44J	0.1 U	117		8.7	3 U	0.1 U		5.2		
MW-223A												
11/12/1990	XX	MW-223AXX33189	0.2 U		1	1.6	5 U	0.05 U	0.08	4.6	82	
2/19/1991	XX	MW-223AXX33288	F		F	F	F	F	F	F	F	
6/3/1991	XX	MW-223AXX33392	0.1 U		3.8	2 U	5 U	0.05 U	0.02 U	4.9	73	
9/16/1991	XX	MW-223AXX33497	0.1 U		1 U	2 U	5 U	0.05 U	0.02 U	4.8	70	
12/17/1991	XX	GW223A008	F		F	F	F	F	F	F	F	
3/2/1992	XX	GW223A016	F		F	F	F	F	F	F	F	
6/23/1992	XX	GW223A020	0.05 U		3 U	1	5 U	0.06	0.04	4	76	

SUMMARY REPORT

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(MW-223A)

Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
8/17/1992	XX	GW223A02J	0.05 U		2 U	1	5 U	0.05 U	0.02 U	6	69	
1/26/1993	XX	GW223A03E	F		F	F	F	F	F	F	F	
4/27/1993	XX	GW223A044	0.05 U		5 U	1	5 U	0.05 U	0.08	4	79	
7/21/1993	XD	GW223A056	0.05 U		5 U	1	5 U	0.05 U	0.03	5	72	
7/21/1993	XX	GW223A05B	0.09		5 U	1	5 U	0.05 U	0.02	6	74	
10/12/1993	XX	GW223X065	0.29		5 U	2	5 U	0.05	0.02 U	4	70	
1/11/1994	XX	GW223A072	F		F	F	F	F	F	F	F	
5/21/1996	XX	GW223A09B	0.1 U		6 U	1 U	2 U	0.07	0.01 U	5 U	72	
11/25/1996	XX	GW223A0A8				1 U	4 U			5 U	81.9	
3/24/1997	XX	MW-223A811-35513				F	F			F	F	
6/3/1997	XX	MW-223A812-35584				1 U	2 U			5	73.1	
9/10/1997	XX	MW-223A813-35683				1 U	2 U			7	71.1	
12/4/1997	XX	MW-223A814-35768				1 U	2 U			5 U	73.5	
6/11/1998	XX	MW-223A816-35957				1.6	2 U			5.1	78.1	
9/9/1998	XX	MW-223A817-36047				2	2 U			4.9	78.1	
12/15/1998	XX	MW-223A818-36144				1.6	4 U			4.4	78.1	
3/30/1999	XX	MW-223A819-36249				1.6	15 U			4.1	76.9	
6/9/1999	XX	MW-223A820-36320				1.7	15 U			3.8	82.7	
9/14/1999	XX	MW-223A821-36417				1.6	15 U			2.9	70.2	
12/2/1999	XX	MW-223A822-36496				1.5	15 U			3.1	82.7	
3/28/2000	XX	MW-223A823-36613				10 U	10 U			6.9	88	
6/13/2000	XX	MW-223A824-36690				10 U	10 U			6.5	86	
9/13/2000	XX	MW-223A825-36782				24	10 U			4.3	87	
12/12/2000	XX	MW-223A826-36872				10 U	10 U			4	90	
6/19/2001	XX	MW-223A827-37061				10 U	15			5	89	
9/11/2001	XX	MW-223A828-37145				10 U	18			5.4	89	
12/11/2001	XX	MW-223A829-37236				10 U	10 U			5.2	98	
3/14/2002	XX	MW-223A830-37329				10 U	10 U			5.2	89	
6/18/2002	XX	MW-223A831-37425				10 U	10 U			7.8	86	
9/19/2002	XX	MW-223A832-37518				2.2	10 U			5	100	
12/10/2002	XX	MW-223A833-37600				3	10 U			5.6	240	
3/25/2003	XD	MW-223AD37705				2 U	10 U			4.4	87	
3/25/2003	XX	MW-223AN37705				2.1	10 U			4.7	90	
6/26/2003	XX	MW-223AN37798				2 U	10 U			6	90	
9/18/2003	XX	MW-223AN37882				2 U	10 U			5.2	76	
5/5/2004	XX	GW223A014	0.1 U	93		1.9	3 U	0.1 J		3.4		
7/28/2004	XD	GWDP1X04D	0.1 U	87		2.4	3 U	0.1 J		5		
7/28/2004	XX	GW223A04A	0.1 U	89		2.4	3 U	0.1 J		5		
10/25/2004	XX	GW223A065	0.1 U	88		2.4	3 U	0.1 J		4.5		
5/10/2005	XX	GW223A126	0.1 U	87		2.2	3 U	0.1 J		4.7		
5/10/2005	XD	GWDP3X130	0.1 U	90		2.2	3 U	0.1 J		4.7		
7/26/2005	XX	GW223A15E	0.1 U	88		2.3	3 U	0.1 J		4.3		
9/21/2005	XX	GW223A18C	0.1 U	87		2.5	3 U	0.1 J		4.8		
5/24/2006	XX	GW223A1D7	0.1 U	91		3	3 U	0.3		6.4		
5/24/2006	XD	GWDP1X1DA	0.1 U	90		3	3 J	0.3		7		
7/26/2006	XD	GWDP5X1I3	0.1 U	88		2	5 J	0.2 J		4.3		
7/26/2006	XX	GW223A1G4	0.1 U	90		1.9	6 J	0.2 J		4.4		
9/13/2006	XX	GW223A1IH	0.1 U	104		2.2	3 J	0.1 U		4.2		
9/13/2006	XD	GWDP5X20G	0.1 U	91		2.2	3 U	0.1 U		4.4		
5/15/2007	XX	GW223A224	0.1 U	93		2.7	3 U	0.1 U		4.1		

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(MW-223A) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
5/15/2007	XD	GWDP1X227	0.1 U	91		2.8	3 U	0.1 U		4		
7/24/2007	XD	GWDP5X287	0.1 J	76		3.2	5 J	0.1 J		4.8		
7/24/2007	XX	GW223A268	0.1 U	86		3.2	3 U	0.1 J		4.9		
9/11/2007	XX	GW223A28I	0.1 U	88		3.6	3 U	0.2 J		4.7		
5/20/2008	XD	GWDP1X2CF	0.1 U	95		2.8	4 J	0.2 J		5.4		
5/20/2008	XX	GW223A2CC	0.1 U	92		2.8	3 U	0.2 J		5.4		
7/30/2008	XD	GWDP5X2HF	0.1 U	95		3.2	3 U	0.3		5.7		
7/30/2008	XX	GW223A2FG	0.1 U	99		2.9	3 J	0.3		6		
10/28/2008	XX	GW223A2I6	0.1 J	98		2.6	3 U	0.2 J		6.4		
4/14/2009	XX	GW223A31E	0.1 U	155		14	3 U	0.1 U		3.7		
4/14/2009	XD	GWDP1X31H	0.1 U	165		14.1	3 U	0.1 J		4.4		
7/7/2009	XX	GW223A35I	0.1 U	108		8.9	3 U	0.2 J		4.8		
10/27/2009	XD	GWDP4X3ED	0.1 U	113		11	3 U	0.1 J		4.2		
10/27/2009	XX	GW223A3DD	0.1 U	112		10.6	3 U	0.1 J		4.2		
4/27/2010	XX	GW223A3IC	0.1 U	124		14.2	3 U	0.2 J		4.5		
4/27/2010	XD	GWDP1X3IF	0.1 U	121		14.2	3 J	0.1 J		4.5		
7/20/2010	XX	GW223A41G	0.1 U	127		12.7	3 U	0.2 J		4.2		
10/19/2010	XD	GWDP1X453	0.1 U	125		14.9	3 U	0.1 J		3.7		
10/19/2010	XX	GW223A450	0.1 U	120		16.5	3 U	0.1 J		3.9		
MW-223B												
11/12/1990	XX	MW-223BXX33189	0.3		2	1.8	5 U	0.05 U	0.15	3.8	60	
2/19/1991	XX	MW-223BXX33288	F		F	F	F	F	F	F	F	
6/3/1991	XX	MW-223BXX33392	0.1 U		1 U	2 U	5 U	0.05 U	0.022	4	60	
9/16/1991	XX	MW-223BXX33497	0.1 U		1 U	2 U	5 U	0.062	0.38	4.1	61	
12/17/1991	XX	GW223B009	F		F	F	F	F	F	F	F	
3/2/1992	XX	GW223B017	F		F	F	F	F	F	F	F	
6/23/1992	XX	GW223B022	0.05 U		3 U	2	5 U	0.08	0.02 U	10	68	
8/17/1992	XX	GW223B030	0.05 U		2 U	2	21	0.05 U	0.04	6	69	
1/26/1993	XX	GW223B03F	F		F	F	F	F	F	F	F	
4/27/1993	XX	GW223B045	0.06		5 U	1	5 U	0.06	0.12	5	62	
7/21/1993	XX	GW223B05C	0.07		5 U	1	5 U	0.05 U	0.07	4	62	
10/12/1993	XX	GW223B067	0.22		5 U	2	5 U	0.05 U	0.02	5	59	
1/11/1994	XX	GW223B073	F		F	F	F	F	F	F	F	
5/21/1996	XX	GW223B09C	0.1 U		6 U	1 U	2 U	0.05	0.03	5	59	
11/25/1996	XX	GW223B0A9				1 U	4 U			5 U	67.7	
3/24/1997	XX	MW-223B812-35513				F	F			F	F	
6/3/1997	XX	MW-223B813-35584				1 U	2 U			5 U	64.6	
9/10/1997	XX	MW-223B814-35683				1 U	2 U			5	57.3	
12/4/1997	XX	MW-223B815-35768				1 U	2 U			5 U	66.4	
6/8/1998	XX	MW-223B817-35954				1.5	2 U			3.9	60.2	
9/9/1998	XX	MW-223B818-36047				1.9	2 U			4.2	71.8	
12/15/1998	XX	MW-223B819-36144				1.7	4 U			4.1	69.3	
3/30/1999	XX	MW-223B820-36249				1.7	5			3.6	63.1	
6/9/1999	XX	MW-223B821-36320				1.8	15 U			3.5	64.3	
9/14/1999	XX	MW-223B822-36417				1.6	7			3	65.2	
12/2/1999	XX	MW-223B823-36496				1.6	15 U			2.9	74.3	
3/28/2000	XX	MW-223B824-36613				10 U	20			6.8	78	
6/13/2000	XX	MW-223B825-36690				10 U	10 U			4.7	83	
9/13/2000	XX	MW-223B826-36782				50	10 U			3.6	76	

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(MW-223B)			Ammonia (N)	Bicarbonate (CaCO3)	Biochemical Oxygen Demand	Chloride	Chemical Oxygen Demand	Nitrate (N)	Phosphate Phosphorus	Sulfate	Ca-mg Hardness (CaCO3)	Bromide
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
12/12/2000	XX	MW-223B827-36872				10 U	10 U			4	82	
6/19/2001	XX	MW-223B828-37061				10 U	30			4	86	
9/11/2001	XX	MW-223B829-37145				10 U	10			4.3	88	
12/11/2001	XX	MW-223B830-37236				10 U	12			3	92	
3/14/2002	XX	MW-223B831-37329				10 U	10 U			3.9	89	
6/18/2002	XX	MW-223B832-37425				10 U	10 U			7.3	120	
9/19/2002	XX	MW-223B833-37518				2.3	10 U			4.1	91	
12/10/2002	XX	MW-223B834-37600				3.5	10 U			4.5	85	
3/25/2003	XX	MW-223BN37705				2.5	10 U			3.9	95	
6/26/2003	XX	MW-223BN37798				2.9	10 U			4.2	90	
6/26/2003	XD	MW-223BD37798				3	16			4.6	90	
9/18/2003	XX	MW-223BN37882				2.4	10 U			4.3	68	
5/5/2004	XX	GW223B00A	0.1 U	101	6 U	2.7	3 U	0.3		2.8	85.5	0.06 J
7/27/2004	XX	GW223B03I	0.1 U	92	6 U	2.4	3 U	0.2 J		4	89.2	0.03 J
10/25/2004	XX	GW223B07E	0.1 U	92		2.9	3 U	0.3		3.7		
5/10/2005	XX	GW223B13F	0.1 U	98		3.1	3 U	0.2 J		3.5		
7/26/2005	XX	GW223B173	0.1 U	95		3	3 U	0.2 J		3.7		
9/21/2005	XX	GW223B1A1	0.1 U	96		3.2	3 U	0.2 J		3.6		
5/24/2006	XX	GW223B1EG	0.1 U	100		3.8	3 U	0.4		5.2		
7/26/2006	XX	GW223B1HD	0.1 U	99		2.1	6 J	0.3		3.5		
9/13/2006	XX	GW223B206	0.1 U	104		2.7	3 U	0.1 U		4.2		
5/15/2007	XX	GW223B23D	0.1 U	103		3.6	3 U	0.1 U		3.2		
7/24/2007	XX	GW223B27H	0.1 U	98		4.3	3 J	0.2 J		5.6		
9/11/2007	XX	GW223B2A7	0.1 U	100		5.7	3 U	0.2 J		3.8		
5/20/2008	XX	GW223B2E1	0.1 U	111		5.4	3 U	0.2 J		4.4		
7/30/2008	XX	GW223B2H5	0.1 U	124		5.8	4 J	0.3		4.9		
10/28/2008	XX	GW223B2JF	0.1 U	120		5.5	3 J	0.2 J		5.6		
4/14/2009	XX	GW223B333	0.1 U	103		6.8	3 U	0.1 U		3		
7/7/2009	XD	GWDP4X36I	0.1 U	128		8.7	3 U	0.1 U		3.9		
7/7/2009	XX	GW223B377	0.1 U	129		9.6	3 U	0.1 U		4		
10/27/2009	XX	GW223B3F2	0.1 U	128		10.9	3 J	0.2 J		3.5		
4/27/2010	XX	GW223B401	0.1 U	133		12.6	3 J	0.1 J		3.8		
7/20/2010	XX	GW223B435	1.3	140		11.8	12	0.1 U		2.2		
7/20/2010	XD	GWDP1X41J	1.1	136		12	5 J	0.1 U		2.3		
10/19/2010	XX	GW223B469	0.3 J	128		12	3 U	0.1 U		3.1		
MW-227												
11/13/1990	XX	MW-227XX33190	0.2 U		5	2.2	17	0.05 U	0.11	9.4	71	
2/19/1991	XX	MW-227XX33288	F		F	F	F	F	F	F	F	
6/3/1991	XX	MW-227XX33392	0.1 U		1 U	2 U	5 U	0.05 U	0.46	10	76	
9/16/1991	XX	MW-227XX33497	0.11		1 U	2 U	430	0.05 U	0.22	14	78	
12/17/1991	XX	GW227X00A	0.06		1 U	2 U	29 J	0.066	0.05	14	72	
3/2/1992	XX	GW227X018	F		F	F	F	F	F	F	F	
6/23/1992	XX	GW227X023	0.09		8	2	8	0.08	0.22	4	86	
8/17/1992	XX	GW227X031	0.05		4	1 U	140	0.05 U	0.15	14	69	
1/26/1993	XX	GW227X03G	F		F	F	F	F	F	F	F	
4/27/1993	XX	GW227X047	0.09		5 U	1	10	0.05 U	0.67	12	83	
7/21/1993	XX	GW227X05E	0.13		5 U	1	8	0.12	0.22	12	82	
10/12/1993	XX	GW227X068	0.05 U		5 U	2	27	0.05	0.43	12	75	
1/11/1994	XX	GW227X074	F		F	F	F	F	F	F	F	

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(MW-227)

Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
5/21/1996	XX	GW227X09D	0.1 U		6 U	1 U	2 U	0.05	0.16	12	71	
11/25/1996	XX	GW227X0AA				1 U	4 U			9	83	
3/24/1997	XX	MW-227813-35513				F	F			F	F	
6/3/1997	XX	MW-227814-35584				1 U	2 U			7	71.8	
9/9/1997	XX	MW-227815-35682				1 U	2 U			13	75.5	
12/4/1997	XX	MW-227816-35768				1 U	2 U			8	78.8	
3/25/1998	XX	MW-227817-35879				2	2 U			12.2	78	
6/8/1998	XX	MW-227818-35954				1.1	2 U			11.2	71.4	
9/9/1998	XX	MW-227819-36047				1.7	2 U			12.4	79.2	
12/15/1998	XX	MW-227820-36144				1.2	4 U			11.6	81.4	
3/29/1999	XX	MW-227821-36248				1.2	4			1.3	70.6	
6/8/1999	XX	MW-227822-36319				1.4	4			10.4	68.9	
9/13/1999	XX	MW-227823-36416				1.2	15 U			8.5	64.3	
12/1/1999	XX	MW-227824-36495				1.1	15 U			8.7	78	
3/27/2000	XX	MW-227825-36612				10 U	10 U			14	87	
6/12/2000	XX	MW-227826-36689				10 U	10 U			13	82	
9/12/2000	XX	MW-227827-36781				10 U	10 U			11	82	
12/11/2000	XX	MW-227828-36871				10 U	10 U			12	78	
3/12/2001	XX	MW-227829-36962				10 U	10 U			12	78	
6/18/2001	XX	MW-227830-37060				10 U	10			13	79	
9/10/2001	XX	MW-227831-37144				10 U	10 U			14	84	
12/12/2001	XX	MW-227832-37237				10 U	10 U			14	77	
3/14/2002	XX	MW-227833-37329				10 U	10 U			13	82	
6/17/2002	XX	MW-227834-37424				10 U	10 U			13	83	
9/18/2002	XX	MW-227835-37517				2 U	10 U			12	87	
12/9/2002	XX	MW-227836-37599				2.2	10 U			12	82	
3/25/2003	XX	MW-227N37705				2 U	10 U			12	81	
6/25/2003	XX	MW-227N37797				2 U	10 U			13	82	
9/18/2003	XX	MW-227N37882				2 U	10 U			12	55	
5/5/2004	XX	GW227X015	0.1 U	89		1.1	3 U	0.1 U		9.2		
7/26/2004	XX	GW227X04B	0.1 U	78		1.6	3 U	0.1 U		10.5		
10/26/2004	XX	GW227X066	0.1 U	81		1.7	3 U	0.1 U		9.6		
5/9/2005	XX	GW227X127	0.1 U	81		1.5	3 U	0.1 U		10.5		
7/27/2005	XX	GW227X15F	0.1 U	79		1.7	3 U	0.1 U		8.3		
9/21/2005	XX	GW227X18D	0.1 U	79		1.8	3 U	0.1 U		9.3		
5/24/2006	XX	GW227X1D8	0.1 U	81		2	3 U	0.1 J		12.8		
7/26/2006	XX	GW227X1G5	0.1 U	76		1.6	5 J	0.1 U		9.7		
9/13/2006	XX	GW227X1II	0.1 U	84		1.4	3 J	0.1 U		9.2		
5/15/2007	XX	GW227X225	0.1 U	79		1.7	3 U	0.1 U		8.8		
7/24/2007	XX	GW227X269	0.1 U	75		2.4	6 J	0.1 U		9.9		
9/11/2007	XX	GW227X28J	0.1 U	77		2.6	5 J	0.1 U		10.5		
5/20/2008	XX	GW227X2CD	0.1 U	80		1.5	3 U	0.1 J		11		
7/30/2008	XX	GW227X2FH	0.1 U	82		1.5	3 J	0.2 J		11.3		
10/27/2008	XX	GW227X2I7	0.1 U	75		1.3	3 U	0.1 U		14.4		
4/14/2009	XX	GW227X31F	0.1 U	80		3	3 U	0.1 U		8.9		
7/7/2009	XX	GW227X35J	0.1 U	75		2	3 U	0.1 U		10.4		
10/27/2009	XX	GW227X3DE	0.1 U	80		2.3	3 U	0.1 U		9.2		
4/27/2010	XX	GW227X3ID	0.1 U	81		22.9	3 U	0.1 J		1.6 J		
7/20/2010	XX	GW227X41H	0.1 J	79		1.1	3 U	0.1 U		8.6		
10/19/2010	XX	GW227X451	0.1 U	77		1.7	3 U	0.1 U		8.1		

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(MW-301)

Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
MW-301												
11/25/1996	XD	GWDP1X0AC				1 U	4 U			5	64	
11/25/1996	XX	GW301X0B0				1 U	4 U			7	66.8	
3/24/1997	XX	MW-301815-35513				F	F			F	F	
6/3/1997	XX	MW-301816-35584				1 U	2 U			6	60.2	
9/9/1997	XX	MW-301817-35682				1 U	2 U			8	63.5	
12/3/1997	XX	MW-301818-35767				1 U	2 U			5	55.6	
3/23/1998	XX	MW-301819-35877				1.9	2 U			8.3	58.9	
6/8/1998	XX	MW-301820-35954				1.2	2 U			8	59.7	
9/9/1998	XX	MW-301821-36047				1.8	2 U			8.7	65.1	
12/14/1998	XX	MW-301822-36143				1.2	4 U			7.3	59	
3/29/1999	XX	MW-301823-36248				1.3	4			7.4	52.7	
6/8/1999	XX	MW-301824-36319				1.5	4			7.5	54.4	
9/13/1999	XX	MW-301825-36416				2.3	15 U			4.9	50.2	
12/1/1999	XX	MW-301826-36495				1.2	15 U			6.4	64.7	
3/27/2000	XX	MW-301827-36612				10 U	10 U			7.7	70	
6/12/2000	XX	MW-301828-36689				10 U	10 U			9.5	68	
9/12/2000	XX	MW-301829-36781				10 U	10			8.4	66	
6/18/2001	XX	MW-301830-37060				10 U	10 U			10	66	
9/10/2001	XX	MW-301831-37144				10 U	10 U			10	71	
12/11/2001	XX	MW-301832-37236				10 U	10 U			11	65	
3/13/2002	XX	MW-301833-37328				10 U	10 U			10	73	
6/17/2002	XX	MW-301834-37424				10 U	10 U			12	66	
9/18/2002	XX	MW-301835-37517				2 U	10 U			9.8	67	
3/25/2003	XX	MW-301N37705				2 U	10 U			9.7	68	
6/25/2003	XX	MW-301N37797				2 U	10 U			12	66	
9/17/2003	XX	MW-301N37881				2 U	10 U			11	61	
9/17/2003	XD	MW-301D37881				2 U	10 U			12	57	
5/5/2004	XD	GWDP3X01J	0.1 U	79		1.4	3 U	0.1 U		0.1 U		
5/5/2004	XX	GW301X016	0.1 U	87		1.3	3 U	0.1 U		9		
7/26/2004	XX	GW301X04C	0.1 U	76		1.8	3 U	0.1 U		11.7		
10/25/2004	XX	GW301X067	0.1 U	76		1.8	3 U	0.1 U		11		
5/9/2005	XX	GW301X128	0.1 U	75		1.8	3 U	0.1 U		12.2		
8/1/2005	XX	GW301X15G	0.1 U	76		1.9	3 U	0.1 U		8		
9/22/2005	XX	GW301X18E	0.1 U	75		2	3 U	0.1 U		10.9		
5/22/2006	XX	GW301X1D9	0.1 U	78		3.4	3 U	0.1 U		14.3		
7/24/2006	XX	GW301X1G6	0.1 U	76		1.5	3 U	0.1 U		11.5		
9/11/2006	XX	GW301X1IJ	0.1 U	77		1.5	3 U	0.1 U		11.5		
5/14/2007	XX	GW301X226	0.1 U	73		1.7	3 U	0.1 U		9.8		
7/23/2007	XX	GW301X26A	0.1 U	72		2	9 J	0.1 U		11.8		
9/10/2007	XX	GW301X290	0.1 U	74		1.8	3 J	0.1 U		14.1		
5/19/2008	XX	GW301X2CE	0.1 U	75		1.2	3 U	0.1 U		14.4		
7/30/2008	XX	GW301X2FI	0.1 U	75		1.7	3 J	0.1 J		14.8		
10/28/2008	XX	GW301X2I8	0.1 U	75		1.1	3 J	0.1 U		14.8		
4/15/2009	XX	GW301X31G	0.1 U	91		6	12	0.7		14.4		
7/7/2009	XX	GW301X360	0.1 U	76		1.9	4 J	0.1 U		13.6		
10/26/2009	XX	GW301X3DF	0.1 U	82		1.9	3 U	0.1 U		12.5		
4/26/2010	XX	GW301X3IE	0.1 U	72		2.6	3 U	0.1 U		12.4		
7/19/2010	XX	GW301X41I	0.1 U	73		1.4	3 U	0.1 U		11.7		

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(MW-301) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
10/19/2010	XX	GW301X452	0.1 U	76		1.5	3 U	0.1 U		12.3		
MW-302												
6/23/1992	XX	GW302X027	0.05 U		3 U	1	10	0.05 U	0.38	12	71	
8/17/1992	XX	GW302X032	0.05 U		9	1	10	0.05 U	0.11	6	72	
8/17/1992	XD	GW302X035	0.05 U		6 U	1 U	13	0.06	0.11	6	73	
1/26/1993	XX	GW302X03H	0.05 U	137	7 U	1	23	0.09	0.03	4	76	0.04 J
4/27/1993	XX	GW302X048	0.05 U		5 U	2	5 U	0.07	0.06	5	87	
7/21/1993	XX	GW302X05F	0.19		5 U	2	11	0.05 U	0.03	6	78	
10/12/1993	XX	GW302X069	0.06		5 U	2	13	0.08	0.04	5	78	
1/11/1994	XX	GW302X075	0.05		5 U	2	5 U	0.14	0.25	5	100	
5/21/1996	XX	GW302X09E	!		!	!	!	!	!	!	!	
11/26/1996	XX	GW302X0AB				1 U	4 U			6	135	
3/26/1997	XX	MW-302827-35515				1 U	2 U			5 U	116	
6/3/1997	XX	MW-302828-35584				1 U	2 U			5 U	119.2	
9/10/1997	XX	MW-302829-35683				1 U	2 U			7	160	
12/4/1997	XX	MW-302830-35768				1 U	2 U			5	188	
3/25/1998	XX	MW-302831-35879				4	2 U			5.7	130	
6/8/1998	XX	MW-302832-35954				2.8	2 U			5.5	134	
9/9/1998	XX	MW-302833-36047				3	2 U			7.8	136	
12/15/1998	XX	MW-302834-36144				2.4	4 U			6.5	173	
3/30/1999	XX	MW-302835-36249				2.2	15 U			5.6	121	
6/9/1999	XX	MW-302836-36320				2.6	8			5.2	135	
9/13/1999	XX	MW-302837-36416				2.1	15 U			4.7	160	
12/1/1999	XX	MW-302838-36495				2.4	15 U			5.4	178	
3/27/2000	XX	MW-302839-36612				10 U	10 U			10	190	
6/13/2000	XX	MW-302840-36690				10 U	10 U			9.1	140	
9/12/2000	XX	MW-302841-36781				10 U	10 U			6	190	
12/11/2000	XX	MW-302842-36871				10 U	10 U			10	210	
3/12/2001	XX	MW-302843-36962				10 U	10 U			9	150	
6/18/2001	XX	MW-302844-37060				10 U	10 U			7	160	
9/10/2001	XX	MW-302845-37144				10 U	10 U			9.1	180	
12/11/2001	XX	MW-302846-37236				10 U	10 U			10	200	
3/13/2002	XX	MW-302847-37328				10 U	10 U			11	160	
6/17/2002	XX	MW-302848-37424				10 U	10 U			11	180	
9/18/2002	XX	MW-302849-37517				5.5	10 U			11	190	
12/9/2002	XX	MW-302850-37599				6	10 U			12	190	
3/25/2003	XX	MW-302N37705				5.4	10 U			9.1	170	
6/25/2003	XX	MW-302N37797				11	10 U			12	170	
9/17/2003	XX	MW-302N37881				9.8	11			12	180	
5/6/2004	XX	GW302X009	0.1 U	143	6 U	6.1	3 U	0.2 J		8.7	148	0.03 J
7/27/2004	XX	GW302XHD1	0.1 U	137	6 U	5.7	3 U	0.3		10.1	161	0.04 J
10/25/2004	XX	GW302X07C	0.1 U	149		5.6	3 U	0.5		10.3		
5/10/2005	XX	GW302X13D	0.1 U	139		14.3	3 U	0.4		10.2		
7/27/2005	XX	GW302X171	0.1 U	121		12.9	3 U	0.4		7		
9/19/2005	XX	GW302X19J	0.1 U	159		14.6	3 U	0.5		9.4		
5/23/2006	XX	GW302X1EE	0.1 U	112		18.4	3 J	0.6		11.7		
7/24/2006	XX	GW302X1HB	0.1 U	110		26.6	3 U	0.2 J		8.5		
9/12/2006	XX	GW302X204	0.1 U	115		34.4	3 U	0.1 J		9.5		
5/14/2007	XX	GW302X23B	0.1 U	100		19.3	3 J	0.1 J		7.2		

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(MW-302) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
7/25/2007	XX	GW302X27F	0.1 U	100		18	9 J	0.1 U		9.5		
9/10/2007	XX	GW302X2A5	DE	DE		DE	DE	DE		DE		
MW-302R												
5/20/2008	XX	GW302X2DJ	0.1 U	66		26.2	3 U	0.2 J		7		
7/29/2008	XX	GW302X2H3	0.1 U	75		22.2	3 J	0.3		9		
10/27/2008	XX	GW302X2JD	0.1 U	91		22.5	3 U	0.2 J		10.5		
4/13/2009	XX	GW302X331	0.1 U	44		20.8	5 J	0.3		5.6		
7/6/2009	XX	GW302X375	0.1 U	46		25.4	3 J	0.1 U		8.8		
10/27/2009	XX	GW302X3F0	0.1 U	116		55.9	3 J	0.7		22.9		
4/26/2010	XX	GW302X3JJ	0.1 U	46		12.8	3 U	0.1 J		6.9		
7/19/2010	XX	GW302X433	0.1 U	106		56.1	3 U	1.4		18		
10/18/2010	XX	GW302X467	0.1 U	96		60.8	3 U	1.6		21.7		
MW-303												
11/26/1996	XX	GW303X0B1				1 U	8 U			5 U	15.5	
3/26/1997	XX	MW-303828-35515				1 U	2 U			5 U	15.3	
6/2/1997	XX	MW-303829-35583				1 U	2 U			5 U	15.6	
9/8/1997	XX	MW-303830-35681				1 U	2 U			5 U	14.9	
12/3/1997	XX	MW-303831-35767				1 U	2 U			7	16.8	
3/25/1998	XX	MW-303832-35879				2	2 U			2.4	18.7	
6/9/1998	XX	MW-303833-35955				1.4	2 U			2.2	18.1	
9/8/1998	XX	MW-303834-36046				1.8	2 U			2.2	18.6	
12/14/1998	XX	MW-303835-36143				1.4	4 U			2	18.3	
3/29/1999	XX	MW-303836-36248				1.6	15 U			1.9	13.5	
6/8/1999	XX	MW-303837-36319				2.2	10			1.9	17.4	
9/13/1999	XX	MW-303838-36416				1.5	15 U			1.4	13.2	
12/1/1999	XX	MW-303839-36495				1.7	15 U			1.3	20.5	
3/27/2000	XX	MW-303840-36612				10 U	10 U			10	21	
6/12/2000	XX	MW-303841-36689				10 U	10 U			3.1	21	
9/13/2000	XX	MW-303842-36782				10 U	10 U			1.8	20	
12/11/2000	XX	MW-303843-36871				10 U	10 U			3.5	22	
3/13/2001	XX	MW-303844-36963				10 U	10 U			2	23	
6/19/2001	XX	MW-303845-37061				10 U	10 U			2	21	
9/11/2001	XX	MW-303846-37145				10 U	10 U			1.8	28	
12/12/2001	XX	MW-303847-37237				10 U	10 U			1.1	18	
3/13/2002	XX	MW-303848-37328				10 U	10 U			1.9	24	
6/17/2002	XX	MW-303849-37424				10 U	10 U			5.1	23	
9/18/2002	XX	MW-303850-37517				2 U	10 U			2.1	20	
12/9/2002	XX	MW-303851-37599				2.6	10 U			2.1	24	
3/26/2003	XX	MW-303N37706				2.4	10 U			2.5	22	
6/25/2003	XX	MW-303N37797				2 U	10 U			1.3	21	
9/17/2003	XX	MW-303N37881				2 U	10 U			1.6	18	
5/6/2004	XX	GW303X00C	0.1 U	23	6 U	1.9	3 U	0.1 U		1	20	0.03 U
7/28/2004	XX	GW303X040	0.1 U	24	6 U	2	3 J	0.1 U		1.9	16.1	0.03 U
10/26/2004	XX	GW303X07G	0.1 U	23		2.1	3 U	0.1 U		1.6		
10/26/2004	XD	GWDP3X06J	0.1 U	24		1.5	3 U	0.2 J		1.1		
5/11/2005	XX	GW303X13H	0.1 U	25		1.6	3 U	0.1 J		2.6		
8/1/2005	XD	GWDP1X15H	0.1 U	24		1.8	3 U	0.1 U		1 J		
8/1/2005	XX	GW303X175	0.1 U	24		1.8	3 U	0.1 U		1.4 J		

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(MW-303) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
9/19/2005	XX	GW303X1A3	0.1 U	25		2.1	3 U	0.1 U		1.7 J		
5/23/2006	XX	GW303X1EI	0.1 U	25		2.8	4 J	0.1 J		2		
7/24/2006	XD	GWDP4X1H4	0.1 U	23		1.5	3 U	0.1 J		1.6 J		
7/24/2006	XX	GW303X1HF	0.1 U	24		1.5	3 U	0.1 J		1.6 J		
9/12/2006	XX	GW303X208	0.1 U	24		1.6	3 U	0.1 U		1.8 J		
5/14/2007	XX	GW303X23F	0.1 U	26		1.6	3 U	0.1 U		1.5 J		
7/25/2007	XX	GW303X27J	0.1 U	22		2.4	6 J	0.1 U		1.9 J		
7/25/2007	XD	GWDP4X278	0.1 U	24		2.5	13	0.1 U		1.9 J		
9/11/2007	XX	GW303X2A9	0.1 U	28		2.8	3 U	0.1 U		1 J		
9/11/2007	XD	GWDP1X291	0.1 U	27		2.5	13	0.1 U		1 J		
5/19/2008	XX	GW303X2E3	0.1 U	41		1.3	3 U	0.1 U		1.7 J		
7/29/2008	XD	GWDP4X2GG	0.1 U	50		1.7	3 J	0.2 J		2		
7/29/2008	XX	GW303X2H7	0.1 U	49		1.7	4 J	0.1 J		2.2		
10/27/2008	XD	GWDP3X2J0	0.1 U	52		1.8	3 U	0.1 U		2.5		
10/27/2008	XX	GW303X2JH	0.1 U	54		1.6	3 U	0.1 U		1.8 J		
4/13/2009	XX	GW303X335	0.1 U	72		3.2	6 J	0.2 J		2.1		
7/6/2009	XX	GW303X379	0.1 U	86		4.1	3 U	0.1 U		1.8 J		
7/6/2009	XD	GWDP3X36C	0.1 U	87		4.3	3 U	0.1 U		1.8 J		
10/28/2009	XX	GW303X3F4	0.1 U	77		3.7	3 U	0.1 U		1.3 J		
4/26/2010	XX	GW303X403	0.1 J	89		8.3	3 U	0.1 U		1.5 J		
7/19/2010	XX	GW303X437	0.1 U	91		4.5	3 U	0.1 U		1.2 J		
7/19/2010	XD	GWDP4X42G	0.1 U	92		4.6	3 U	0.1 U		1.2 J		
10/18/2010	XX	GW303X46B	0.1 U	82		3.5	3 U	0.1 U		0.8 J		
MW-304A												
7/29/2004	XX	GW304AHD0	0.1 U	77	6 U	2.3	4 J	0.1 U	0.02 J	5	59.7	
10/27/2004	XX	GW304A07B	0.1 U	92	6 U	2	4 J	0.1 U	0.02 J	4.3	68.4	
5/11/2005	XX	GW304A13C	0.1 U	37		1	3 U	0.1 U		1.5 J		
7/28/2005	XX	GW304A170	0.1 U	39		1.8	3 U	0.1 U		2.2		
9/19/2005	XX	GW304A19I	0.1 U	54		2.1	3 U	0.1 U		4		
5/24/2006	XX	GW304A1ED	0.1 U	54		1.3	3 U	0.1 J		4.7		
7/25/2006	XX	GW304A1HA	0.1 U	48		1.6	5 J	0.1 J		2.9		
9/12/2006	XX	GW304A203	0.1 U	54		1.6	3 U	0.1 U		2.8		
5/15/2007	XX	GW304A23A	0.1 U	48		2	10	0.1 J		3		
7/24/2007	XX	GW304A27E	0.1 U	55		2.5	8 J	0.2 J		3.9		
9/11/2007	XX	GW304A2A4	0.1 U	49		2.6	7 J	0.1 J		3		
5/20/2008	XX	GW304A2DI	0.1 U	39		1.7	3 J	0.2 J		2.7		
7/29/2008	XX	GW304A2H2	0.1 U	53		1.7	3 J	0.2 J		4.3		
10/27/2008	XX	GW304A2JC	0.1 U	60		2.5	3 U	0.1 J		8.8		
4/13/2009	XX	GW304A330	0.1 U	43		2	3 U	0.2 J		3.2		
7/6/2009	XX	GW304A374	0.1 U	49		2.1	3 U	0.1 J		3.4		
10/27/2009	XX	GW304A3EJ	0.1 U	51		3.3	3 U	0.1 U		2.7		
4/26/2010	XX	GW304A3JI	0.1 U	41		3.5	3 U	0.1 U		2.6		
7/19/2010	XX	GW304A432	0.1 U	49		3.2	3 U	0.1 U		2.5		
10/18/2010	XX	GW304A466	0.1 J	45		2.3	3 U	0.1 U		2.4		
MW-401A												
7/29/2004	XX	GW401A059	0.1 U	64	6 U	1.6	4 J	0.1 U	0.04	3	48.9	
10/27/2004	XD	GWDP4X075	0.1 U	62	6 U	1.8	3 U	0.2 J	0.08	2.7	47.7	
10/27/2004	XX	GW401A071	0.1 U	58	6 U	1.8	6 J	0.1 U	0.08	2.7	47.7	

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(MW-401A)												
5/10/2005	XX	GW401A132	0.1 U	53		1.8	3 U	0.1 U		2.5		
7/28/2005	XD	GWDP4X16E	0.1 U	58		1.7	3 U	0.1 U		2		
7/28/2005	XX	GW401A16A	0.1 U	59		1.8	3 U	0.1 U		2.4		
9/21/2005	XX	GW401A198	0.1 U	51		1.8	3 U	0.1 U		2.6		
5/23/2006	XX	GW401A1E3	0.1 U	60		3.2	3 U	0.1 U		3.3		
7/25/2006	XX	GW401A1H0	0.1 U	55		1.6	3 U	0.1 U		2.6		
9/12/2006	XX	GW401A1JD	0.1 U	59		1.6	3 U	0.1 U		2.6		
5/14/2007	XX	GW401A230	0.1 U	57		1.5	3 U	0.1 U		2.3		
7/24/2007	XX	GW401A274	0.1 U	55		2.4	6 J	0.1 U		3.3		
9/11/2007	XX	GW401A29E	0.1 U	51		2.7	3 J	0.1 U		3.1		
5/20/2008	XX	GW401A2D8	0.1 U	54		1.6	9 J	0.2 J		3.5		
7/28/2008	XX	GW401A2GC	0.1 U	58		1.8	3 J	0.1 J		4.7		
10/27/2008	XX	GW401A2J2	0.1 U	56		1.5	3 U	0.1 U		3.4		
4/13/2009	XX	GW401A32A	0.1 U	52		1.6	3 U	0.2 J		3.2		
7/7/2009	XX	GW401A36E	0.1 U	57		1.7	3 U	0.1 U		3.5		
10/28/2009	XX	GW401A3E9	0.1 U	58		1.8	3 U	0.1 U		2.8		
4/27/2010	XX	GW401A3J8	0.1 J	57		2.4	3 U	0.1 U		3		
7/20/2010	XX	GW401A42C	0.1 U	60		1	3 U	0.1 U		2.6		
10/20/2010	XX	GW401A45G	0.1 U	56		1.5	3 U	0.1 U		2.2		
MW-401B												
7/29/2004	XX	GW401B05A	0.1 U	217	6 U	36.4	11	0.1 U	0.01 J	24.7	261	
7/29/2004	XD	GWDP4X05D	0.1 U	217	6 U	36.7	11	0.1 U	0.01 J	25.1	261	
10/27/2004	XX	GW401B072	0.1 U	245	6 U	38.8	17	0.1 U	0.02 J	52.4	324	
5/10/2005	XD	GWDP4X136	0.1 U	205		32.9	8 J	0.1 U		41.5		
5/10/2005	XX	GW401B133	0.1 U	211		31.9	8 J	0.1 U		36.4		
7/27/2005	XX	GW401B16B	0.1 U	218		9.7	8 J	0.1 U		44.7		
9/21/2005	XX	GW401B199	0.1 U	229		40.5	6 J	0.1 U		69.2		
9/21/2005	XD	GWDP4X19C	0.1 U	233		38.9	6 J	0.1 U		70.9		
5/23/2006	XX	GW401B1E4	0.1 U	192		20.4	8 J	0.1 U		40.5		
5/23/2006	XD	GWDP4X1E7	0.1 U	195		18.1	5 J	0.1 U		40.1		
7/25/2006	XX	GW401B1H1	0.1 U	192		18.6	3 J	0.1 U		32.6		
9/12/2006	XD	GWDP3X1JB	0.1 U	194		19.8	3 U	0.1 U		32.8		
9/12/2006	XX	GW401B1JE	0.1 U	196		19.3	4 J	0.1 U		32.3		
5/14/2007	XD	GWDP4X234	0.1 U	152		9.1	4 J	0.1 U		17.2		
5/14/2007	XX	GW401B231	0.1 U	152		9.4	5 J	0.1 U		17.4		
7/24/2007	XX	GW401B275	0.1 U	156		21.2	4 J	0.1 U		28.3		
9/11/2007	XX	GW401B29F	0.1 U	177		19.9	6 J	0.1 U		36.5		
9/11/2007	XD	GWDP4X29I	0.1 U	166		19.9	3 J	0.1 U		36.6		
5/20/2008	XX	GW401B2D9	0.1 U	130		18.4	3 U	0.1 J		15.8		
5/20/2008	XD	GWDP4X2DC	0.1 U	130		19.3	3 J	0.1 J		16.1		
7/28/2008	XX	GW401B2GD	0.1 U	143		30	4 J	0.1 U		20.9		
10/27/2008	XD	GWDP4X2J6	0.1 U	153		22.6	3 U	0.1 U		22.4		
10/27/2008	XX	GW401B2J3	0.1 U	152		22.6	3 U	0.1 U		22.2		
4/13/2009	XD	GWDP4X32E	0.1 U	119		10.4	6 J	0.2 J		12.2		
4/13/2009	XX	GW401B32B	0.1 U	118		9.2	5 J	0.2 J		11.3		
7/7/2009	XX	GW401B36F	0.1 U	121		11.6	3 U	0.1 U		12.9		
10/28/2009	XD	GWDP3X3E7	0.1 U	145		13.2	4 J	0.1 U		17.1		
10/28/2009	XX	GW401B3EA	0.1 U	145		12.6	3 U	0.1 U		17		
4/27/2010	XX	GW401B3J9	0.1 U	116		8	4 J	0.1 U		10.6		

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(MW-401B) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
4/27/2010	XD	GWDP4X3JC	0.1 U	121		8.4	5 J	0.1 U		11		
7/20/2010	XD	GWDP3X42A	0.1 U	136		11.5	4 J	0.1 U		12.8		
7/20/2010	XX	GW401B42D	0.1 U	137		10.8	3 U	0.1 U		12.5		
10/20/2010	XX	GW401B45H	0.1 U	132		7.2	3 U	0.1 U		13.5		
10/20/2010	XD	GWDP4X460	0.1 U	133		7.2	3 U	0.1 U		13.6		
MW-402A												
7/29/2004	XX	GW402A05B	0.1 J	54	6 U	1.6	4 J	0.1 U	0.05	4.3	36.9	
10/27/2004	XX	GW402A073	0.1 U	53	6 U	1.7	4 J	0.1 U	0.05	3.7	37.3	
5/11/2005	XX	GW402A134	0.1 U	52		1.8	3 U	0.1 U		3.5		
8/1/2005	XX	GW402A16C	0.1 U	55		1.8	3 U	0.1 U		3		
9/21/2005	XX	GW402A19A	0.1 U	48		1.9	3 U	0.1 U		3.5		
5/23/2006	XX	GW402A1E5	0.1 U	53		3	3 U	0.1 U		4.8		
7/26/2006	XX	GW402A1H2	0.1 U	51		1.4	5 J	0.1 U		4.6		
9/12/2006	XX	GW402A1JF	0.1 U	52		1.4	3 U	0.1 U		4.3		
5/15/2007	XX	GW402A232	0.1 U	52		1.6	3 U	0.1 U		4.4		
7/25/2007	XX	GW402A276	0.1 U	46		2.4	7 J	0.1 U		5.8		
9/12/2007	XX	GW402A29G	0.1 U	48		2.4	3 J	0.1 U		5.8		
5/20/2008	XX	GW402A2DA	0.1 J	56		1.6	3 U	0.1 J		6.1		
7/28/2008	XX	GW402A2GE	0.1 U	53		1.5	3 U	0.1 U		7.4		
10/27/2008	XX	GW402A2J4	0.1 U	47		1.5	3 U	0.1 U		6.3		
4/14/2009	XX	GW402A32C	0.1 U	54		3.1	3 U	0.1 U		5		
7/8/2009	XX	GW402A36G	0.1 U	52		1.7	3 U	0.1 J		6		
10/28/2009	XX	GW402A3EB	0.1 U	54		1.7	4 J	0.1 U		5.3		
4/27/2010	XX	GW402A3JA	0.1 J	53		2.3	3 U	0.1 U		5.6		
7/21/2010	XX	GW402A42E	0.1 U	54		1.2	3 U	0.1 U		4.7		
10/20/2010	XX	GW402A45I	0.1 U	53		1.5	3 U	0.1 U		4.2		
MW-402B												
7/29/2004	XX	GW402B05C	0.1 U	69	6 U	1.8	4 J	0.1 U	0.04	8.4	62.6	
10/27/2004	XX	GW402B074	0.1 U	79	6 U	2	6 J	0.1 U	0.05	7.9	57.2	
5/11/2005	XX	GW402B135	0.1 U	68		1.7	3 U	0.1 U		8.6		
8/1/2005	XX	GW402B16D	0.1 U	71		1.9	3 U	0.1 U		5.6		
9/21/2005	XX	GW402B19B	0.1 U	66		2.1	3 U	0.1 U		7.7		
9/21/2005	XD	GWDP3X196	0.1 U	66		2	3 U	0.1 U		7.8		
5/23/2006	XX	GW402B1E6	0.1 U	67		2.9	3 U	0.1 U		8.9		
7/26/2006	XX	GW402B1H3	0.1 U	68		1.4	4 J	0.1 U		7.5		
9/12/2006	XX	GW402B1JG	0.1 U	69		1.5	3 U	0.1 U		7.8		
5/15/2007	XX	GW402B233	0.1 U	66		1.5	3 U	0.1 U		7.3		
7/25/2007	XX	GW402B277	0.1 U	63		3.1	6 J	0.1 U		8.6		
9/12/2007	XX	GW402B29H	0.1 U	65		2.8	3 U	0.1 U		9.1		
5/20/2008	XX	GW402B2DB	0.1 U	57		1.7	3 U	0.1 J		9		
7/28/2008	XX	GW402B2GF	0.1 U	34		2.2	3 U	0.1 U		44.9		
10/27/2008	XX	GW402B2J5	0.5	65		1.8	3 U	0.1 U		9.2		
4/14/2009	XX	GW402B32D	0.1 U	66		26.5	3 U	0.1 U		2.3		
7/8/2009	XX	GW402B36H	0.1 U	65		1.7	3 U	0.1 U		8.5		
10/28/2009	XX	GW402B3EC	0.1 U	70		1.8	3 U	0.1 U		7.3		
4/27/2010	XX	GW402B3JB	0.1 U	68		2.5	3 U	0.1 U		8		
7/21/2010	XX	GW402B42F	0.1 U	69		1	3 U	0.1 U		6.9		
10/20/2010	XX	GW402B45J	0.1 U	65		1.5	3 U	0.1 U		6.3		

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(DP-4) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
DP-4												
1/30/2004	XX	GWDP4X039	0.1 U	301		72.9	18	0.2 U		113		
5/6/2004	XX	GWXXXX00D	0.1 U	269		20.4	16	0.1 U		60.8		
7/26/2004	XX	GWXXXX041	0.1 U	190		7.5	3 U	0.1 U		24		
10/26/2004	XX	GWXXXX07H	0.1 U	182		5.5	5 J	0.1 U		14.6		
5/9/2005	XX	GWXXXX13I	0.1 U	203		5.5	5 J	0.1 U		9.7		
8/1/2005	XX	GWXXXX176	0.1 U	191		6.6	6 J	0.1 U		5.7		
9/20/2005	XX	GWXXXX1A4	0.1 U	175		5.9	10	0.1 U		7.8		
5/22/2006	XX	GWXXXX1EJ	0.1 U	150		7.9	6 J	0.2 J		7.3		
7/24/2006	XX	GWXXXX1HG	0.1 U	145		9.6	9 J	0.2 J		6.5		
9/11/2006	XX	GWXXXX209	0.1 U	140		14.2	4 J	0.1 U		7		
5/14/2007	XX	GWXXXX23G	0.1 U	138		14.1	8 J	0.1 J		7		
7/23/2007	XX	GWXXXX280	0.1 U	138		19.3	17	0.1 U		11.5		
9/10/2007	XX	GWXXXX2AA	0.1 U	132		21.2	5 J	0.1 U		13.1		
5/19/2008	XX	GWXXXX2E4	0.1 U	141		20.6	3 J	0.1 U		12.7		
7/29/2008	XX	GWXXXX2H8	0.1 U	126		32.2	7 J	0.2 J		13.2		
10/27/2008	XX	GWXXXX2JI	0.1 U	94		57	3 U	0.1 U		11.8		
4/13/2009	XX	GWXXXX336	0.1 U	109		49.8	3 U	0.2 J		12.5		
7/6/2009	XX	GWXXXX37A	0.1 J	104		50.7	3 U	0.1 U		15.9		
10/26/2009	XX	GWXXXX3F5	0.1 U	118		21	16	0.1 U		12.3		
4/26/2010	XX	GWXXXX404	0.1 U	104		14.9	3 U	0.1 U		11.6		
7/19/2010	XX	GWXXXX438	0.1 U	109		14.7	3 U	0.1 U		12.1		
10/18/2010	XX	GWXXXX46C	0.1 U	105		7.2	6 J	0.1 U		10.7		
MW04-102												
1/18/2005	XX	GW102X10C	0.1 U	103	6 U	2	3 U	0.1 U		7.6	89.6	0.03 U
3/21/2005	XX	GW102X144	0.1 U	101	6 U	1.7	3 U	0.2 J		7.3	88.8	0.03 U
7/25/2005	XX	GW102X17I	0.1 U	109	6 U	1.9	3 U	0.2 J		7.6	103	0.03 U
9/20/2005	XX	GW102X1A9	0.1 U	108	6 U	2.1	3 U	0.2 J		7.8	95	0.03 U
5/23/2006	XX	GW102X1F4	0.1 U	100		2.9	3 U	0.2 J		11.4		
7/25/2006	XX	GW102X1I0	0.1 U	100		1.5	3 U	0.2 J		8.1		
9/12/2006	XX	GW102X20D	0.1 U	102		1.6	3 U	0.1 U		7.9		
5/15/2007	XX	GW102X240	0.1 U	100		1.7	3 J	0.1 U		10.1		
7/24/2007	XX	GW102X284	0.1 U	95		2.5	9 J	0.1 J		10.6		
9/11/2007	XX	GW102X2AE	0.1 U	96		2.7	3 U	0.1 J		9.5		
5/20/2008	XX	GW102X2E8	0.1 U	73		1.9	3 U	0.2 J		12.5		
7/29/2008	XX	GW102X2HC	0.1 U	96		2.7	3 J	0.2 J		14		
10/27/2008	XX	GW102X302	0.1 U	98		1.3	3 U	0.1 J		10.8		
4/14/2009	XX	GW102X339	0.1 U	95		3.5	3 U	0.1 J		9.1		
7/7/2009	XX	GW102X37D	0.1 U	101		1.7	5 J	0.1 J		9.4		
10/27/2009	XX	GW102X3F8	0.1 U	100		2.4	6 J	0.1 U		8.5		
4/27/2010	XX	GW102X407	0.1 U	104		2.7	3 U	0.1 U		10.2		
7/21/2010	XX	GW102X43B	0.1 U	100		1.3	4 J	0.3		8.5		
10/19/2010	XX	GW102X46F	0.1 U	102		1	3 U	0.2 J		8.1		
MW04-105												
1/17/2005	XX	GW105X10F	0.1 U	163	6 U	16.9	11	0.1 U		97.4	209	0.03 U
3/21/2005	XX	GW105X147	0.1 U	180	6 U	30.9	12	0.2 J		115	298	0.05 J
7/25/2005	XX	GW105X181	0.1 U	175	6 U	20.4	8 J	0.1 U		94.5	269	0.03 U
9/20/2005	XX	GW105X1AC	0.1 U	191	6 U	15.1	5 J	0.1 U		83.5	274	0.03 U

SUMMARY REPORT

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(MW04-105)												
5/23/2006	XX	GW105X1F7	0.1 J	138		8.7	11	0.1 U		42.1		
7/25/2006	XX	GW105X1I1	0.1 U	193		9.4	6 J	0.1 U		44.1		
7/25/2006	XD	GWDP3X1GI	0.1 U	140		6.4	3 J	0.1 U		30.2		
9/12/2006	XX	GW105X20E	0.1 U	200		7.1	4 J	0.1 U		32.3		
5/14/2007	XX	GW105X241	0.1 U	152		14.4	5 J	0.1 U		12.6		
5/14/2007	XD	GWDP3X22I	0.1 U	152		13.7	3 J	0.1 U		12.7		
7/24/2007	XX	GW105X285	0.1 U	179		14.7	7 J	0.1 U		17		
7/24/2007	XD	GWDP3X272	0.1 J	207		15.4	10	0.1 U		18.4		
9/10/2007	XX	GW105X2AF	0.1 U	225		14.9	10	0.1 U		17.7		
5/19/2008	XD	GWDP3X2D6	0.1 U	201		11.8	3 U	0.1 U		13.3		
5/19/2008	XX	GW105X2E9	0.1 U	206		12.1	3 U	0.1 U		13.7		
7/29/2008	XX	GW105X2HD	0.1 U	210		8.6	7 J	0.2 J		13.4		
7/29/2008	XD	GWDP3X2GA	0.1 U	205		8.7	8 J	0.2 J		12.9		
10/27/2008	XX	GW105X303	0.1 U	177		7	3 U	0.1 U		11.2		
10/27/2008	XD	GWDP1X305	0.1 U	177		7.1	3 U	0.1 U		10.8		
4/15/2009	XD	GWDP3X328	0.1 U	117		7.5	8 J	0.1 J		6.2		
4/15/2009	XX	GW105X33A	0.1 U	117		7.3	7 J	0.1 J		6.2		
7/7/2009	XD	GWDP1X361	0.1 U	151		9.3	3 U	0.1 U		8.8		
7/7/2009	XX	GW105X37E	0.1 U	155		10.1	3 U	0.1 U		8.7		
10/26/2009	XD	GWDP1X3DG	0.1 U	143		9.6	3 U	0.1 U		7.8		
10/26/2009	XX	GW105X3F9	0.1 U	147		10.5	3 U	0.1 U		8.3		
4/27/2010	XX	GW105X408	0.1 U	138		8.4	3 J	0.1 U		7		
4/27/2010	XD	GWDP3X3J6	0.1 U	139		8.2	4 J	0.1 U		7.5		
7/19/2010	XX	GW105X43C	0.1 U	148		7	3 U	0.1 U		6.4		
10/18/2010	XD	GWDP3X45E	0.1 U	133		8.9	4 J	0.1 U		5.5		
10/18/2010	XX	GW105X46G	0.1 U	126		9.6	3 J	0.1 U		5.2		
MW04-109												
1/19/2005	XX	GW109X10I	0.1 U	276	6 U	11.2	15	0.1 U		49.6	207	0.03 U
1/19/2005	XD	GWDP1X110	0.1 U	276	6 U	11.1	15	0.1 U		50.1	200	0.03 U
3/23/2005	XX	GW109X14A	0.1 U	240	6 U	9.9	15	0.1 U		54.6	193	0.04 J
7/26/2005	XD	GWDP5X186	0.1 U	218	6 U	5	4 J	0.1 U		22.4	164	0.03 U
7/26/2005	XX	GW109X184	0.1 U	222	6 U	5.1	7 J	0.1 U		22.4	169	0.03 U
9/20/2005	XX	GW109X1AF	0.1 U	264	6 U	3.3	8 J	0.1 U		13.7	183	0.03 U
9/20/2005	XD	GWDP5X1AH	0.1 U	266	6 U	3.2	3 U	0.1 U		13	186	0.03 U
5/23/2006	XX	GW109X1FA	0.1 U	220		7.4	6 J	0.1 U		8.9		
5/23/2006	XD	GWDP3X1E1	0.1 U	226		7.5	6 J	0.1 U		8.8		
7/25/2006	XX	GW109X1I2	0.1 U	193		4.1	3 J	0.1 U		7.3		
9/12/2006	XX	GW109X20F	0.1 U	200		4.1	7 J	0.1 U		7.3		
9/12/2006	XD	GWDP1X1J0	0.1 U	195		4	3 U	0.1 U		7.4		
5/15/2007	XX	GW109X242	0.1 U	178		4.4	4 J	0.1 U		5.5		
7/24/2007	XX	GW109X286	0.1 U	140		5.3	10	0.1 U		6.6		
9/10/2007	XD	GWDP5X2AH	0.1 U	145		6.1	13	0.1 U		5.4		
9/10/2007	XX	GW109X2AG	0.1 U	147		5.8	8 J	0.1 U		5.7		
5/19/2008	XX	GW109X2EA	0.1 U	181		92.8	13	0.1 U		3.6		
7/29/2008	XX	GW109X2HE	0.1 U	240		61.9	11	0.2 J		4.3		
10/28/2008	XX	GW109X304	0.1 U	236		36.8	7 J	0.1 U		3.4		
4/15/2009	XX	GW109X33B	0.1 U	246		19.3	12	0.1 J		2.2		
7/7/2009	XX	GW109X37F	DE	DE		DE	DE	DE		DE		

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(MW04-109R)			Ammonia (N)	Bicarbonate (CaCO3)	Biochemical Oxygen Demand	Chloride	Chemical Oxygen Demand	Nitrate (N)	Phosphate Phosphorus	Sulfate	Ca-mg Hardness (CaCO3)	Bromide
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MW04-109R												
12/8/2009	XX	GW109X3GF	0.1 U	220		15.9	3 U	0.1 U		15.2		
4/27/2010	XX	GW109X409	0.1 U	185		12.3	4 J	0.1 U		12		
7/20/2010	XX	GW109X43D	0.1 U	224		6.6	3 J	0.1 U		7.9		
10/19/2010	XX	GW109X46H	0.1 U	233		6.3	3 U	0.1 U		7.1		
MW09-901												
12/8/2009	XX	GW901X3GH	0.1 U	108		5.1	3 U	0.1 U		15.4		
4/27/2010	XX	GW901X3J7	0.1 U	101		4.2	3 J	0.1 U		13.2		
7/20/2010	XX	GW901X42B	0.1 U	104		2.6	3 U	0.1 U		13.7		
10/19/2010	XX	GW901X45F	0.1 U	110		2.7	4 J	0.1 U		27.4		
P-04-02												
2/5/2004	XX	GWXXXX03E	0.1 U	178		7	28	0.1 U		16		
2/11/2004	XX	GWXXXX03C	0.1 U	116		3	30	0.3		29		
5/5/2004	XX	GWXXXX00E	0.1 U	121		1.8	3 U	0.1 U		21.2		
7/26/2004	XX	GWXXXX042	0.1 U	111		2.2	3 U	0.1 U		19.5		
10/25/2004	XX	GWXXXX07I	0.1 U	108		2	3 U	0.1 U		16		
5/9/2005	XX	GWXXXX13J	0.1 U	108		2	3 U	0.1 J		14.5		
7/27/2005	XX	GWXXXX177	0.1 U	107		1.9	4 J	0.1 U		11.9		
9/22/2005	XX	GWXXXX1A5	0.1 U	104		2.2	3 U	0.1 U		11.6		
5/22/2006	XX	GWXXXX1F0	0.1 U	95		3	3 U	0.3		14.5		
7/24/2006	XX	GWXXXX1HH	0.1 U	95		1.5	3 U	0.3		11		
9/11/2006	XX	GWXXXX20A	0.1 U	98		2	3 U	0.1 U		11.2		
5/14/2007	XX	GWXXXX23H	0.1 U	98		1.5	3 J	0.1 U		9.2		
7/23/2007	XX	GWXXXX281	0.1 U	91		2	4 J	0.1 J		11.6		
9/10/2007	XX	GWXXXX2AB	0.1 U	92		1.8	3 J	0.2 J		13.5		
5/21/2008	XX	GWXXXX2E5	0.1 U	96		2.1	3 U	0.3		12.6		
7/30/2008	XX	GWXXXX2H9	0.1 U	95		1.6	7 J	0.3		13.8		
10/29/2008	XX	GWXXXX2JJ	0.1 U	93		1.2	4 J	0.2 J		13.7		
4/13/2009	XX	GWXXXX337	0.1 U	93		1.6	3 J	0.3		11.4		
7/6/2009	XX	GWXXXX37B	0.1 U	93		1.6	3 U	0.2 J		13		
10/27/2009	XX	GWXXXX3F6	0.1 U	93		2	3 U	0.1 U		11.1		
4/26/2010	XX	GWXXXX405	0.1 J	95		3.1	3 J	0.1 J		11.2		
7/21/2010	XX	GWXXXX439	0.1 U	93		1	3 U	0.1 J		10.5		
10/20/2010	XX	GWXXXX46D	0.1 U	90		1.3	3 U	0.1 U		10.7		
P-04-04												
2/5/2004	XX	GWXXXX03F	0.1 U	153		7.2	3 U	0.1 U		18.2		
2/11/2004	XX	GWXXXX03D	0.1 U	91		1.5	13	0.2 J		23.8		
5/6/2004	XX	GWXXXX00F	0.1 U	108		2	3 U	0.1 U		18.1		
7/26/2004	XX	GWXXXX043	0.1 U	101		1.9	3 U	0.1 U		15.1		
10/25/2004	XX	GWXXXX07J	0.1 U	97		2	3 U	0.2 J		11		
5/9/2005	XX	GWXXXX140	0.1 U	93		1.7	3 U	0.2 J		9.5		
7/27/2005	XX	GWXXXX178	0.1 U	86		1.8	3 U	0.2 J		6.2		
9/22/2005	XX	GWXXXX1A6	0.1 U	84		2	3 U	0.4		7.5		
5/22/2006	XX	GWXXXX1F1	0.1 U	84		2.9	3 U	0.4		8.9		
7/24/2006	XX	GWXXXX1HI	0.1 U	80		1.4	3 J	0.3		7.2		
9/11/2006	XX	GWXXXX20B	0.1 U	80		1.9	3 U	0.1 J		6.7		
5/14/2007	XX	GWXXXX23I	0.1 U	79		1.6	3 U	0.1 U		5.7		

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(P-04-04) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
7/23/2007	XX	GWXXXX282	0.1 U	73		2	5 J	0.1 J		7.1		
9/10/2007	XX	GWXXXX2AC	0.1 U	74		2.7	3 U	0.1 J		7.1		
5/21/2008	XX	GWXXXX2E6	0.1 U	80		1.7	3 U	0.2 J		8.3		
7/30/2008	XX	GWXXXX2HA	0.1 U	80		1.5	3 U	0.2 J		9.4		
10/29/2008	XX	GWXXXX300	0.2 J	78		1.1	3 U	0.1 U		8.5		
4/13/2009	XX	GWXXXX338	0.1 U	77		1.6	4 J	0.1 J		7.3		
7/6/2009	XX	GWXXXX37C	0.1 U	77		1.4	3 U	0.1 U		8.2		
10/27/2009	XX	GWXXXX3F7	0.1 U	80		1	3 U	2.5		6.7		
4/26/2010	XX	GWXXXX406	0.4 J	79		2.7	3 U	0.1 U		7.9		
7/21/2010	XX	GWXXXX43A	0.1 U	78		0.9 J	3 J	0.1 U		6.5		
10/20/2010	XX	GWXXXX46E	0.1 U	72		1.4	3 U	0.1 U		5.9		
SW-AR1												
5/26/1994	XX	SWAR1X079	0.17		5 U	2	100	0.05 U	0.08	10 U	14	
8/8/1994	XX	SWAR1X07D	0.26		7	1	100	0.05 U	0.21	14	37	
11/15/1994	XX	SWAR1X07H	0.13		5 U	13	120	0.05 U	0.07	10 U	24	
2/7/1995	XX	SWAR1X081	2.1		100 U	4	1900	0.05 U	3.7	330	82	
5/24/1995	XX	SWAR1X085	0.12		8	3	93	0.05 U	0.08	10 U	21	
8/16/1995	XX	SWAR1X089	1.2		7	3	180	0.05 U	0.17	10 U	26	
11/30/1995	XX	SWAR1X08D	0.1 U		6 U	4.3	77	0.05 U	0.64	2 U	19	
2/27/1996	XX	SWAR1X08H	0.1 U		6.7	2.5	82	0.05 U	0.1 U	1	11	
5/21/1996	XX	SWAR1X09H	0.1 U		6 U	2 U	88	0.05 U	0.05	5 U	11.9	
11/25/1996	XX	SWAR1X0AD				1 U	59			5 U	16.7	
3/26/1997	XX	SW-AR1821-35515				1 U	26			9	24.1	
6/4/1997	XX	SW-AR1822-35585				5 U	74			5 U	16	
9/11/1997	XX	SW-AR1823-35684				5 U	84			5	21.8	
12/8/1997	XX	SW-AR1824-35772				5 U	55			5 U	14	
3/26/1998	XX	SW-AR1825-35880				2 U	32			1 U	18	
6/9/1998	XX	SW-AR1826-35955				5 U	82			5 U	16.1	
12/15/1998	XX	SW-AR1828-36144				1.9	60			9.3	21.7	
3/30/1999	XX	SW-AR1829-36249				1.1	40			2	8.5	
6/9/1999	XX	SW-AR1830-36320				0.8	81			1	14.1	
9/14/1999	XX	SW-AR1831-36417				1.5	111			42.5	50.2	
12/2/1999	XX	SW-AR1832-36496				2.2	83			1.6	20.7	
3/28/2000	XX	SW-AR1833-36613				10 U	38			9.9	10 U	
6/13/2000	XX	SW-AR1834-36690				10 U	65			1 U	17	
12/12/2001	XX	SW-AR1835-37237				10 U	93			13	31	
3/14/2002	XX	SW-AR1836-37329				10 U	51			3.7	18	
6/18/2002	XX	SW-AR1837-37425				10 U	92			3.8	28	
6/26/2003	XX	SW-AR1N37798				3.4	100			1 U	43	
5/3/2004	XX	SWAR1X01B	0.1 U	23	6 U	6.9	53	0.1 U	0.07	0.3 J		
7/27/2004	XX	SWAR1X04H	0.1 U	28	6 U	1.8	71	0.1 U	0.05	0.5		
10/26/2004	XX	SWAR1X06C	0.1 J	34	8	4.5	82	0.1 U	0.04	0.5		
5/10/2005	XX	SWAR1X12D	0.1 U	23	6 U	3	65	0.1 U	0.04	0.7 J		
7/28/2005	XX	SWAR1X161	0.1 U	24	6 U	1.9	65	0.1 U	0.05	4.5		
9/20/2005	XX	SWAR1X18J	0.1 U	27	6 U	3.8	67	0.1 U	0.05	10.1		
5/24/2006	XX	SWAR1X1DE	0.1 U	22	6 U	29.8	59	0.1 U	0.04	2.4		
7/26/2006	XX	SWAR1X1GB	0.1 U	37	6 U	7.7	119	0.1 U	0.1	1.3 J		
9/13/2006	XX	SWAR1X1J4	D	D	D	D	D	D	D	D		
5/15/2007	XX	SWAR1X22B	0.1 U	21	6 U	34.8	38	0.1 U	0.03 J	1.3 J		

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(SW-AR1) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
7/24/2007	XX	SWAR1X26F	0.1 U	30	6 U	15.2	71	0.1 U	0.04	2.2		
9/11/2007	XX	SWAR1X295	I	I	I	I	I	I	I	I		
5/21/2008	XX	SWAR1X2CJ	0.1 U	17.9	6 U	69.9	34	0.1 J	0.04	1.3 J		
7/29/2008	XX	SWAR1X2G3	I	I	I	I	I	I	I	I		
10/28/2008	XX	SWAR1X2ID	0.2 J	30	12	13.4	113	0.1 U	0.04	4.5		
4/14/2009	XX	SWAR1X321	0.1 U	14.1	4 U	2.9	29	0.1 U	0.01 U	7.3		
7/7/2009	XX	SWAR1X365	0.5 U	44	5 U	14.1	120	0.1 U	0.08	0.6 U		
10/27/2009	XX	SWAR1X3E0	0.1 U	45	15	16.4	111	0.1 U	0.12	2.7		
SW-AR2												
5/26/1994	XX	SWAR2X07B	0.18		5 U	2	100	0.05 U	0.15	10 U	18	
8/8/1994	XX	SWAR2X07E	0.13		5	2	86	0.05 U	0.06	10 U	22	
11/15/1994	XX	SWAR2X07I	0.09		5 U	3	68	0.05 U	0.06	10 U	20	
2/7/1995	XX	SWAR2X082	F		F	F	F	F	F	F	F	
5/24/1995	XX	SWAR2X086	0.1		5 U	2	81	0.05 U	0.08	10 U	19	
8/16/1995	XX	SWAR2X08A	0.05 U		5 U	3	100	0.05 U	0.09	10 U	24	
11/30/1995	XX	SWAR2X08E	0.1 U		6 U	4.3	64	0.05 U	0.1 U	4 U	18	
2/27/1996	XX	SWAR2X08I	0.1 U		6 U	2.5	48	0.05 U	0.1 U	1.8	15	
5/21/1996	XX	SWAR2X09I	0.1 U		6 U	2.6	74	0.05 U	0.04	5 U	14.2	
11/25/1996	XX	SWAR2X0AE				1 U	56			5 U	18.7	
3/26/1997	XX	SW-AR2822-35515				2	24			5 U	8.3	
6/4/1997	XX	SW-AR2823-35585				5 U	58			5 U	20	
9/11/1997	XX	SW-AR2824-35684				5 U	58			5 U	27	
12/8/1997	XX	SW-AR2825-35772				5 U	45			5 U	13.4	
3/26/1998	XX	SW-AR2826-35880				5 U	31			1 U	14	
6/9/1998	XX	SW-AR2827-35955				5 U	52			5 U	24	
12/15/1998	XX	SW-AR2829-36144				1.9	49			9.3	21.9	
3/30/1999	XX	SW-AR2830-36249				0.8	27			1.8	8.9	
6/9/1999	XX	SW-AR2831-36320				0.8	76			1	15.6	
9/14/1999	XX	SW-AR2832-36417				1.8	45			34.8	37.7	
12/2/1999	XX	SW-AR2833-36496				1.7	63			1.3	18.9	
3/28/2000	XX	SW-AR2834-36613				10 U	38			40	13	
6/13/2000	XX	SW-AR2835-36690				10 U	60			2.5	21	
12/12/2001	XX	SW-AR2836-37237				10 U	42			15	21	
3/14/2002	XX	SW-AR2837-37329				10 U	36			4.6	18	
6/18/2002	XX	SW-AR2838-37425				10 U	75			4	27	
6/26/2003	XX	SW-AR2N37798				6.5	50			2.9	65	
5/3/2004	XX	SWAR2X01C	0.1 U	28	6 U	3.2	27	0.1 U	0.03 J	0.6		
7/27/2004	XX	SWAR2X04I	0.1 U	53	6 U	3.4	45	0.1 U	0.04	0.5		
10/26/2004	XX	SWAR2X06D	0.1 U	60	6 U	3.1	43	0.1 U	0.04	0.5		
5/10/2005	XX	SWAR2X12E	0.1 U	16	6 U	1.9	36	0.1 U	0.02 J	0.8 J		
7/28/2005	XX	SWAR2X162	0.1 U	27	6 U	2.2	64	0.1 U	0.13	0.6 U		
9/20/2005	XX	SWAR2X190	0.1 U	39	6 U	3.7	31	0.1 U	0.03 J	5.9		
5/24/2006	XX	SWAR2X1DF	0.1 U	27	6 U	26.9	37	0.1 U	0.04	2.9		
7/26/2006	XX	SWAR2X1GC	0.1 U	47	6 U	7.8	84	0.1 U	0.07	1 J		
9/13/2006	XX	SWAR2X1J5	I	I	I	I	I	I	I	I		
5/15/2007	XX	SWAR2X22C	0.1 U	38	6 U	36.7	16	0.1 U	0.02 J	3.7		
7/24/2007	XX	SWAR2X26G	0.1 U	59	6 U	16.6	41	0.1 U	0.04	3		
9/11/2007	XX	SWAR2X296	D	D	D	D	D	D	D	D		
5/21/2008	XX	SWAR2X2D0	0.1 U	30	6 U	176	21	0.2 J	0.01 J	5.3		

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(SW-AR2)												
7/29/2008	XD	SWDP2X2G6	0.1 U	65	6 U	49	53	0.1 J	0.03 J	5.5		
7/29/2008	XX	SWAR2X2G4	0.1 U	57	6 U	46.2	49	0.1 J	0.03 J	5.4		
10/28/2008	XX	SWAR2X2IE	0.1 U	29	5 U	14.2	46	0.1 U	0.02 J	5.2		
4/14/2009	XX	SWAR2X322	0.1 U	19.2	4 U	29.6	19	0.1 U	0.01 U	5.4		
4/14/2009	XD	SWDP2X324	0.1 U	19.1	4 U	29.3	19	0.1 U	0.01 U	5.3		
7/7/2009	XX	SWAR2X366	0.9 J	41	5 U	10.1	58	0.9	0.03 J	9.6		
10/27/2009	XX	SWAR2X3E1	0.1 U	31	5 U	5.5	49	0.1 U	0.01 J	3.5		
10/27/2009	XD	SWDP2X3E3	0.1 U	34	5 U	5.7	48	0.1 U	0.01 J	3.8		
SW-AR3												
5/26/1994	XX	SWAR3X07C	0.11		5 U	2	88	0.05 U	0.04 U	10 U	7.1	
8/8/1994	XX	SWAR3X07F	0.13		5 U	1 U	54	0.05 U	0.05	10 U	12	
11/15/1994	XX	SWAR3X07J	0.05 U		5 U	3	71	0.05 U	0.04 U	10 U	12	
2/7/1995	XX	SWAR3X083	0.17		20 U	5	200	0.05 U	0.29	10 U	26	
5/24/1995	XX	SWAR3X087	0.09		5 U	2	73	0.05 U	0.04 U	10 U	7.9	
8/16/1995	XX	SWAR3X08B	D		D	D	D	D	D	D	D	
11/30/1995	XX	SWAR3X08F	0.1 U		6 U	3.8	21	0.05 U	0.1 U	4 U	11	
2/27/1996	XX	SWAR3X08J	0.1 U		6 U	2 U	25	0.05 U	0.1 U	4.4	6	
5/21/1996	XX	SWAR3X09J	0.1 U		6 U	2 U	58	0.05 U	0.01 U	5 U	7.1	
5/21/1996	XD	SWDP2X0A1	0.1 U		6 U	2 U	52	0.05 U	0.01	5 U	6.7	
11/25/1996	XX	SWAR3X0AF				1 U	50			5 U	10.4	
3/26/1997	XX	SW-AR3823-35515				F	F			F	F	
6/4/1997	XX	SW-AR3824-35585				5 U	68			5 U	6.63	
9/11/1997	XX	SW-AR3825-35684				5 U	65			5	12.8	
12/8/1997	XX	SW-AR3826-35772				5 U	48			5 U	6.9	
3/26/1998	XX	SW-AR3827-35880				2 U	35			1 U	8	
6/9/1998	XX	SW-AR3828-35955				5 U	66			5 U	8.9	
12/15/1998	XX	SW-AR3830-36144				1.9	42			9.3	12.6	
3/30/1999	XX	SW-AR3831-36249				1.2	33			2.9	3.5	
6/9/1999	XX	SW-AR3832-36320				0.9	78			1	6.3	
9/14/1999	XX	SW-AR3833-36417				1.7	38			15.8	20	
12/2/1999	XX	SW-AR3834-36496				2.1	49			2.7	9.7	
3/28/2000	XX	SW-AR3835-36613				10 U	38			20	10 U	
6/13/2000	XX	SW-AR3836-36690				10 U	65			1.2	10 U	
9/13/2000	XX	SW-AR3837-36782				10 U	45			0.8 U	14	
12/12/2001	XX	SW-AR3838-37237				10 U	58			15	18	
3/14/2002	XX	SW-AR3839-37329				10 U	44			5.1	10 U	
6/18/2002	XX	SW-AR3840-37425				10 U	78			0.8 U	10 U	
9/19/2002	XX	SW-AR3841-37518				2 U	74			1.8	15	
6/26/2003	XD	SW-AR3D37798				2 U	82			1 U	13	
6/26/2003	XX	SW-AR3N37798				2 U	88			1 U	13	
9/18/2003	XX	SW-AR3N37882				2 U	66			1 U	17	
5/3/2004	XX	SWAR3X01D	0.5	17.7	6 U	1.5	55	0.1 U	0.02 J	0.2 J		
7/27/2004	XX	SWAR3X04J	0.2 J	4.9	6 U	20	76	0.1 U	0.06	8.7		
10/26/2004	XX	SWAR3X06E	0.1 U	1 J	6 U	2.8	76	0.1 U	0.03 J	0.4		
5/10/2005	XX	SWAR3X12F	0.1 U	1.5	6 U	1.3	47	0.1 U	0.01 J	0.7 J		
7/28/2005	XX	SWAR3X163	0.1 U	0.8 J	6 U	1.4	65	0.1 U	0.03 J	4.5		
9/20/2005	XX	SWAR3X191	0.1 U	0.6 J	6 U	2.4	44	0.1 U	0.02 J	17.4		
5/24/2006	XX	SWAR3X1DG	0.1 U	0.5 U	6 U	2.7	47	0.1 U	0.01 J	1.3 J		
7/26/2006	XX	SWAR3X1GD	0.1 U	0.5 U	6 U	1.8	86	0.1 U	0.05	0.6 J		

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(SW-AR3)												
9/13/2006	XX	SWAR3X1J6	0.1 U	5.4	6 U	4	69	0.1 U	0.08	0.9 J		
5/15/2007	XX	SWAR3X22D	0.1 U	3.2	6 U	2.6	67	0.1 U	0.07	0.6 J		
7/24/2007	XX	SWAR3X26H	0.1 U	3.6	6 U	3.8	86	0.1 U	0.09	1.1 J		
9/11/2007	XX	SWAR3X297	D	D	D	D	D	D	D	D		
5/21/2008	XX	SWAR3X2D1	0.1 U	1.7	6 U	6.2	47	0.1 J	0.03 J	0.9 J		
7/29/2008	XX	SWAR3X2G5	0.1 U	2	6 U	4.5	73	0.1 J	0.03 J	3		
10/28/2008	XX	SWAR3X2IF	0.2 J	0.8 J	5 U	4.4	68	0.1 U	0.02 J	2.2		
4/14/2009	XX	SWAR3X323	0.1 U	1.7	4 U	3.3	29	0.1 U	0.01 U	1.8 J		
7/7/2009	XX	SWAR3X367	0.1 U	3.3	5 U	7.8	69	0.1 U	0.05	0.6 U		
10/27/2009	XX	SWAR3X3E2	0.1 U	2.6	5 U	2.2	64	0.1 U	0.02 J	5.5		
SW-DP1												
5/3/2004	XX	SWDP1X01H	0.1 U	128		12.5	21	0.1 U	0.02 J	13.5		
7/27/2004	XX	SWDP1X053	0.1 U	170		1.5	39	0.1 U	0.03 J	0.2 J		
10/26/2004	XX	SWDP1X06H	0.1 U	116		4.5	10	0.1 U	0.02 J	4.7		
5/10/2005	XX	SWDP1X12I	0.1 U	42		3.4	38	0.1 U	0.09	4.7		
7/28/2005	XX	SWDP1X166	0.1 U	47		2.1	15	0.1 U	0.07	3.7		
9/20/2005	XX	SWDP1X194	0.1 U	81		5.5	9 J	0.1 U	0.15	12		
5/24/2006	XX	SWDP1X1DJ	0.1 U	91		9.7	13	0.1 U	0.04	22		
7/26/2006	XX	SWDP1X1GG	0.1 U	52	6 U	8.3	45	0.1 U	0.12	30		
9/13/2006	XX	SWDP1X1J9	0.1 U	69		3.6	9 J	0.1 U	0.03 J	9.2		
5/15/2007	XX	SWDP1X22G	0.1 U	74		6.9	3 J	0.1 U	0.01 J	11.4		
7/24/2007	XX	SWDP1X270	0.1 U	42		5.2	14	0.1 U	0.02 J	11.9		
9/11/2007	XX	SWDP1X29A	0.1 U	33		5.1	13	0.1 U	0.01 U	12.8		
5/21/2008	XX	SWDP1X2D4	0.1 U	30		11.3	9 J	0.1 J	0.02 J	8.8		
7/29/2008	XX	SWDP1X2G8	0.1 U	26		8.8	9 J	0.1 J	0.03 J	6.5		
10/28/2008	XX	SWDP1X2II	0.1 U	56		8.2	11	0.1 J	0.05	12.9		
4/14/2009	XX	SWDP1X326	0.1 U	69		11.7	10	0.1 U	0.05	11.7		
7/7/2009	XX	SWDP1X36A	0.5 U	39		4.1	9 J	0.1 J	0.02 J	7.5		
10/27/2009	XX	SWDP1X3E5	0.1 U	37		5.5	10	0.1 U	0.04	11		
4/28/2010	XX	SWDP1X3J4	0.1 U	62		10.2	8 J	0.1 U	0.02 J	12.1		
7/20/2010	XX	SWDP1X428	0.1 U	16		4.1	15	0.1 U	0.02 J	6.5		
10/19/2010	XX	SWDP1X45C	0.1 U	37		5.2	6 J	0.1 U	0.02 J	9.7		
SW-DP2												
5/3/2004	XX	SWDP2X01I	0.1 U	148		15.5	32	0.1 U	0.04	21.9		
7/27/2004	XX	SWDP2X054	0.1 U	262		2.6	55	0.1 U	0.04	5.9		
10/26/2004	XX	SWDP2X06I	0.1 U	143		3.8	30	0.1 U	0.02 J	14.7		
5/10/2005	XX	SWDP2X12J	0.1 U	89		2	30	0.1 U	0.07	3.3		
7/28/2005	XX	SWDP2X167	0.1 U	38		6.8	43	0.2 J	0.34	8		
9/20/2005	XX	SWDP2X195	0.1 U	83		3.3	13	0.1 U	0.48	5.5		
5/24/2006	XX	SWDP2X1E0	!	!		!	!	!	!	!		
7/26/2006	XX	SWDP2X1GH	!	!	!	!	!	!	!	!		
9/13/2006	XX	SWDP2X1JA	!	!		!	!	!	!	!		
5/15/2007	XX	SWDP2X22H	0.1 U	24		1.6	14	0.1 U	0.02 J	4.1		
7/24/2007	XX	SWDP2X271	0.1 U	34		5.2	27	0.1 U	0.04	6.7		
9/11/2007	XX	SWDP2X29B	0.1 U	47		36.5	19	0.1 U	0.03 J	16.5		
5/21/2008	XX	SWDP2X2D5	0.1 U	28		3.4	10	0.1 J	0.03 J	5.5		
7/29/2008	XX	SWDP2X2G9	0.1 U	65		3.9	12	0.3	0.11	14		
10/28/2008	XX	SWDP2X2IJ	1.5	37		13.6	32	0.1 U	1.1	8.8		

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(SW-DP2) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
4/14/2009	XX	SWDP2X327	0.1 U	28		16.5	24	0.1 U	0.1	15.8		
7/7/2009	XX	SWDP2X36B	DE	DE		DE	DE	DE	DE	DE		
SW-DP6												
10/27/2009	XX	SWDP6X3G6	0.1 U	29		5.4	14	0.1 J	0.12	5.5		
4/28/2010	XX	SWDP6X3J5	0.1 U	66		22.3	29	0.1 U	0.11	18.5		
7/20/2010	XX	SWDP6X429	0.1 U	71		22.1	36	0.1 U	0.07	10.4		
10/19/2010	XX	SWDP6X45D	0.1 U	39		10.7	17	0.1 U	0.03 J	20.8		
SW-LCH												
3/26/1997	XX	SW-LCH1-35515				34	298			22	149	
6/3/1997	XX	SW-LCH2-35584				60	956			27	386	
9/11/1997	XX	SW-LCH3-35684				115	1032			5	481	
12/8/1997	XX	SW-LCH4-35772				100	969			21	406	
3/25/1998	XX	SW-LCH5-35879				91	1577			45	589	
6/9/1998	XX	SW-LCH6-35955				123	1901			5 U	808	
9/10/1998	XX	SW-LCH7-36048				243	823			2 U	426	
12/15/1998	XX	SW-LCH8-36144				277	1512			11	671	
3/30/1999	XX	SW-LCH9-36249				129.2	740			36	468	
6/9/1999	XX	SW-LCH10-36320				1.39	503			14	385	
9/14/1999	XX	SW-LCH11-36417				137	592			47.7	397	
12/2/1999	XX	SW-LCH12-36496				156	634			18.9	522	
3/28/2000	XX	SW-LCH13-36613				130	1000			250	680	
6/13/2000	XX	SW-LCH14-36690				160	450			85	450	
9/13/2000	XX	SW-LCH15-36782				300	480			120	220	
3/14/2001	XX	SW-LCH16-36964				330	1500			310	930	
6/19/2001	XX	SW-LCH17-37061				370	2300			20	490	
9/11/2001	XX	SW-LCH18-37145				110	640			65	230	
12/12/2001	XX	SW-LCH19-37237				320	970			120	420	
3/14/2002	XX	SW-LCH20-37329				320	620			730	610	
6/18/2002	XX	SW-LCH21-37425				320	370			340	590	
9/19/2002	XX	SW-LCH22-37518				310	340			330	560	
12/10/2002	XX	SW-LCH23-37600				300	520			2600	790	
3/26/2003	XX	SW-LCHN37706				310	620			970	830	
6/26/2003	XX	SW-LCHN37798				340	600			150	1200	
9/18/2003	XX	SW-LCHN37882				290	480			160	810	
5/4/2004	XX	SWLCHX01F	34.2	2530	449	314	949	1 U		255	1176	0.3 U
7/28/2004	XX	SWLCHX051	38.1	1680		215	250	1 U	0.65	187		
10/26/2004	XX	SWLCHX06G	38.6	2190		364	318	1 U	0.97	426		
5/11/2005	XX	SWLCHX12H	52.5	1540	477	860	896	2 U		535	931	7.1
7/27/2005	XX	SWLCHX165	174	2560	796	2280	1346	5 U	0.52	30 U		
9/21/2005	XX	SWLCHX193	40.3	1108	88	1120	221	2.5 U	0.62	153		
5/24/2006	XX	SWLCHX1DI	140	2020	293	1720	727	2 U		53.6	914	13.3
7/25/2006	XX	SWLCHX1GF	179	2870	382	4320	1040	5 U	0.77	30 U		
9/13/2006	XX	SWLCHX1J8	153	2040	41	2800	674	3 U	0.56	35.4 J		
5/15/2007	XX	SWLCHX22F	151	2040	858	3970	1420	5 U		30 U	2100	32.9
7/24/2007	XX	SWLCHX26J	53.2	2060	545	3880	1030	5 U	0.26	30 U		
9/11/2007	XX	SWLCHX299	64.4	1750	442	3920	1030	6.5	0.43	53.1		
5/21/2008	XX	SWLCHX2D3	210	2290	168	2790	973	10 U		60 U	1509	32.5
7/29/2008	XX	SWLCHX2G7	288	2450	76	3250	1090	9.2 J	0.6	52.2 J		

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(SW-LCH) Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
10/29/2008	XX	SWLCHX2IH	234	1900	135	3680	754	5 U	0.53	100		
SW-UD												
5/4/2004	XX	SWXUDX020	0.1 U	184		22.7	4 J	1.6	0.01 J	74.1		
SW-1												
11/13/1990	XD	SW-1XD33190	0.2 U		4	3.4	41	0.05 U	0.05 U	7.7	16	
11/13/1990	XX	SW-1XX33190	0.4		2	3.8	33	0.05 U	0.05 U	2.3	15	
2/19/1991	XX	SW-1XX33288	F		F	F	F	F	F	F	F	
6/4/1991	XX	SW-1XX33393	0.1 U		1 U	3.2	27	0.05 U	0.02 U	1.3	27	
9/16/1991	XX	SW-1XX33497	0.1 U		1 U	3.2	360	0.05 U	0.02 U	1.2	27	
12/18/1991	XX	SWXX1X00B	0.05 U		1.3	5	55	0.05 U	0.02 U	2.9	23	
3/2/1992	XX	SWXX1X019	F		F	F	F	F	F	F	F	
6/23/1992	XX	SWXX1X024	0.05 U		3 U	5	34	0.05 U	0.06	4	32	
8/17/1992	XX	SWXX1X033	0.2		2 U	6	43	0.05 U	0.34	4	66	
1/26/1993	XX	SWXX1X03J	0.19		6 U	11	33	0.05 U	0.03	3	34	
4/27/1993	XX	SWXX1X049	0.06		5 U	7	35	0.05 U	0.29	4	15	
7/21/1993	XX	SWXX1X051	1.5		5 U	4	35	0.05 U	0.1	2	38	
10/12/1993	XX	SWXX1X06A	0.07		5 U	6	33	0.05	0.02 U	3	24	
1/11/1994	XX	SWXX1X076	0.08		5 U	8	26	0.05 U	0.02 U	5	36	
5/21/1996	XX	SWXX1X09F	0.1 U		6 U	2 U	38	0.05 U	0.01 U	5 U	19.9	
11/25/1996	XX	SWXX1X0AH				1	40			5 U	25.2	
3/26/1997	XX	SW-1816-35515				F	F			F	F	
6/4/1997	XX	SW-1817-35585				2 U	44			5 U	29.7	
9/11/1997	XX	SW-1818-35684				1 U	44			5 U	34.3	
12/8/1997	XX	SW-1819-35772				5 U	44			5 U	27.8	
3/25/1998	XX	SW-1820-35879				2 U	25			5 U	20.6	
6/9/1998	XX	SW-1821-35955				3	27			5 U	32.9	
9/10/1998	XX	SW-1822-36048				11.1	38			2.1	35.3	
12/15/1998	XX	SW-1823-36144				9	45			2.8	28.6	
3/30/1999	XX	SW-1824-36249				5	19			2.1	11.2	
6/9/1999	XX	SW-1825-36320				2.6	46			1.6	28.3	
9/15/1999	XX	SW-1826-36418				3.6	42			1.8	33	
12/2/1999	XX	SW-1827-36496				5.7	37			1.9	38.6	
3/28/2000	XX	SW-1828-36613				10 U	22			17	19	
6/13/2000	XX	SW-1829-36690				10 U	33			3.7	40	
9/13/2000	XX	SW-1830-36782				11	45			0.8 U	32	
6/19/2001	XX	SW-1831-37061				10 U	45			1	36	
9/11/2001	XX	SW-1832-37145				10 U	40			1.6	44	
12/12/2001	XX	SW-1833-37237				10 U	44			4.6	28	
3/14/2002	XX	SW-1834-37329				10 U	22			3.7	20	
6/18/2002	XX	SW-1835-37425				12	40			3.8	26	
9/19/2002	XX	SW-1836-37518				11	140			2.1	35	
6/26/2003	XX	SW-1N37798				13	100			1 U	64	
9/18/2003	XD	SW-1D37882				20	61			1 U	44	
9/18/2003	XX	SW-1N37882				20	58			1 U	44	
5/3/2004	XX	SWXX1X018	0.1 U	31	6 U	12.5	36	0.1 U	0.03 J	1.3		
7/27/2004	XX	SWXX1X04E	0.1 U	29	6 U	3.5	61	0.1 U	0.07	0.2 J		
10/26/2004	XX	SWXX1X069	0.1 U	20	6 U	5.4	42	0.1 U	0.03 J	1.2		
5/10/2005	XX	SWXX1X12A	0.1 U	13.9	6 U	7.5	28	0.1 U	0.02 J	0.6 J		

SUMMARY REPORT

Inorganics (part 1 of 2)

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(SW-1)												
7/28/2005	XX	SWXX1X15I	0.1 U	22	12	4.9	229	0.1 U	0.11	0.6 U		
9/20/2005	XX	SWXX1X18G	0.1 U	41	6 U	3.1	33	0.1 U	0.26	6		
5/24/2006	XX	SWXX1X1DB	0.1 U	86	6 U	22.7	31	0.1 U	0.03 J	11.3		
7/26/2006	XX	SWXX1X1G8	0.1 U	23	6 U	4.4	71	0.1 U	0.06	0.6 U		
7/26/2006	XD	SWDP2X1GE	0.1 U	23	6 U	4.1	64	0.1 U	0.07	0.6 U		
9/13/2006	XX	SWXX1X1J1	0.1 U	148	6 U	13.3	15	0.1 U	0.06	9.3		
5/15/2007	XX	SWXX1X228	0.1 U	29	6 U	6.5	24	0.1 U	0.06	0.6 J		
5/15/2007	XD	SWDP2X22E	0.1 U	25	6 U	6.5	24	0.1 U	0.02 J	0.6 J		
7/24/2007	XX	SWXX1X26C	0.1 U	30	6 U	8.4	43	0.1 U	0.04	0.6 U		
7/24/2007	XD	SWDP2X26I	0.1 U	31	6 U	8.7	44	0.1 U	0.05	0.6 U		
9/11/2007	XX	SWXX1X292	0.1 U	33	7	8.4	67	0.1 J	0.11	0.6 U		
5/21/2008	XX	SWXX1X2CG	0.1 U	28	6 U	9.4	26	0.1 J	0.06	1.2 J		
5/21/2008	XD	SWDP2X2D2	0.1 U	28	6 U	9.4	26	0.1 J	0.07	1.2 J		
7/29/2008	XX	SWXX1X2G0	I	I	I	I	I	I	I	I		
10/28/2008	XX	SWXX1X2IA	0.1 U	23	5 U	4.8	36	0.1 U	0.02 J	1.2 J		
4/14/2009	XX	SWXX1X31I	0.1 U	20	4 U	11.6	20	0.1 U	0.01 U	2.2		
7/7/2009	XX	SWXX1X362	0.2 U	17.2	5 U	4.7	45	0.1 U	0.03 J	0.9 J		
10/27/2009	XX	SWXX1X3DH	0.1 U	10.6	5 U	6.3	36	0.1 U	0.02 J	2.2		
4/28/2010	XX	SWXX1X3IG	0.1 U	23	2 U	8.9	29	0.1 U	0.02 J	1.4 J		
7/20/2010	XX	SWXX1X420	0.6	126	3 U	8.5	752	0.1 U	0.81	3.5		
10/19/2010	XX	SWXX1X454	0.1 U	11.6	5 U	7.3	55	0.1 U	0.02 J	4.4		
SW-2												
11/13/1990	XX	SW-2XX33190	0.4		3	3.5	24	0.05 U	0.05 U	3.8	14	
2/20/1991	XD	SW-2XD33289	0.5			6	41	0.05 U	0.64	2	26	
2/20/1991	XX	SW-2XX33289	0.8			6	9.6	0.05 U	0.06	2	29	
6/4/1991	XX	SW-2XX33393	0.1 U		1.7	3.4	34	0.05 U	0.02 U	1.2	21	
9/17/1991	XX	SW-2XX33498	0.1		2.2	4	45	0.05 U	0.02 U	1 U	0.66 U	
12/18/1991	XX	SWXX2X00C	0.05 U		3.8	3.2	38	0.05 U	0.02 U	2.8	17	
3/2/1992	XD	SWXX2XHA0	0.05		6	5	70	0.13	0.21	7	31	
3/2/1992	XX	SWXX2X01A	0.06		5	5	100	0.13	0.3	3	32	
6/23/1992	XX	SWXX2X025	0.05 U		3	7	39	0.05 U	0.05	1 U	31	
8/17/1992	XX	SWXX2X034	0.22		16	7	39	0.2	0.31	8	38	
1/26/1993	XX	SWXX2X040	0.16		6 U	10	30	0.05 U	0.02 U	3	29	
1/27/1993	XD	SWXX2XHA5	1.1		6 U	11	30	0.05 U	0.04	4	26	
4/27/1993	XX	SWXX2X04A	0.08		5 U	7	35	2.1	0.12	4	15	
7/21/1993	XX	SWXX2X052	0.47		5 U	4	43	0.05 U	0.05	2	35	
10/13/1993	XX	SWXX2X06B	0.09		5 U	7	33	0.05 U	0.02	1	17	
1/11/1994	XX	SWXX2X077	0.17		5 U	11	46	0.05 U	0.02 U	4	39	
5/21/1996	XX	SWXX2X09G	0.1 U		6 U	2	50	0.05 U	0.04	5 U	14.4	
11/25/1996	XD	SWDP2X0AG				1 U	45			5 U	20.7	
11/25/1996	XX	SWXX2X0AI				2	40			5 U	20.4	
3/26/1997	XX	SW-2818-35515				4	34			5 U	24	
6/4/1997	XX	SW-2819-35585				2 U	39			5 U	25.1	
9/11/1997	XX	SW-2820-35684				5 U	55			5 U	28.4	
12/8/1997	XX	SW-2821-35772				5 U	62			5 U	27.6	
3/25/1998	XX	SW-2822-35879				5 U	34			5 U	16.9	
6/9/1998	XX	SW-2823-35955				5 U	37			5 U	22.9	
9/10/1998	XX	SW-2824-36048				11.9	59			0.2 U	37.7	
12/15/1998	XX	SW-2825-36144				5.2	56			1.1	23.4	

SUMMARY REPORT

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SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(SW-2)

Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
3/30/1999	XX	SW-2826-36249				5.3	24			1.6	8.1	
6/9/1999	XX	SW-2827-36320				4.9	51			0.4	25.2	
9/15/1999	XX	SW-2828-36418				3.3	54			0.3	25.9	
12/2/1999	XX	SW-2829-36496				5.5	54			0.4	21.5	
3/28/2000	XX	SW-2830-36613				10 U	20			4.9	10 U	
6/13/2000	XX	SW-2831-36690				10	38			1.2	22	
9/13/2000	XX	SW-2832-36782				10 U	42			0.8 U	26	
12/12/2000	XX	SW-2833-36872				10 U	22			1	10 U	
6/19/2001	XX	SW-2834-37061				10	45			0.8 U	22	
9/11/2001	XX	SW-2835-37145				10 U	54			0.8 U	32	
12/12/2001	XX	SW-2836-37237				10 U	32			0.8 U	18	
3/14/2002	XX	SW-2837-37329				10 U	28			2.5	15	
6/18/2002	XX	SW-2838-37425				12	45			0.8 U	19	
9/19/2002	XX	SW-2839-37518				14	44			0.8 U	31	
12/10/2002	XX	SW-2840-37600				13	52			2.1	27	
3/26/2003	XX	SW-2N37706				18	20			1.9	17	
6/26/2003	XX	SW-2N37798				17	58			1 U	28	
9/18/2003	XX	SW-2N37882				23	64			1 U	33	
5/3/2004	XX	SWXX2X019	0.1 U	22	6 U	16.4	39	0.1 U	0.03 J	0.1 U		
7/27/2004	XD	SWDP2X050	0.1 U	24	6 U	4.5	58	0.1 U	0.04	0.3 J		
7/27/2004	XX	SWXX2X04F	0.1 U	24	6 U	4.4	57	0.1 U	0.05	0.3 J		
10/26/2004	XX	SWXX2X06A	0.1 U	15.3	6 U	10.1	40	0.1 U	0.02 J	0.9		
5/10/2005	XD	SWDP2X12G	0.1 U	13.8	6 U	8.9	32	0.1 U	0.01 J	0.6 U		
5/10/2005	XX	SWXX2X12B	0.1 U	11	6 U	8.8	30	0.1 U	0.02 J	0.6 U		
7/28/2005	XX	SWXX2X15J	0.1 U	18.2	6 U	3.4	43	0.1 U	0.02 J	0.6 U		
9/20/2005	XX	SWXX2X18H	0.1 U	20	6 U	5.2	56	0.1 U	0.02 J	0.6 U		
5/24/2006	XD	SWDP2X1DH	0.1 U	14.3	6 U	10.3	37	0.1 U	0.01 J	0.6 J		
5/24/2006	XX	SWXX2X1DC	0.1 U	15.2	6 U	9.6	36	0.1 U	0.01 J	0.6 J		
7/26/2006	XX	SWXX2X1G9	0.1 U	14.1	6 U	3.2	74	0.1 U	0.07	0.6 U		
9/13/2006	XX	SWXX2X1J2	0.1 U	28	6 U	4.5	46	0.1 U	0.04	0.6 U		
9/13/2006	XD	SWDP2X1J7	0.1 U	28	6 U	4.5	42	0.1 U	0.03 J	0.6 U		
5/15/2007	XX	SWXX2X229	0.1 U	17.3	6 U	8.8	30	0.1 U	0.03 J	0.6 U		
7/24/2007	XX	SWXX2X26D	0.1 U	27	6 U	7.9	48	0.1 U	0.03 J	0.6 U		
9/11/2007	XX	SWXX2X293	0.1 U	31	6 U	7.1	57	0.1 J	0.02 J	0.6 U		
9/11/2007	XD	SWDP2X298	0.1 U	30	6 U	7.1	50	0.1 J	0.01 J	0.6 U		
5/21/2008	XX	SWXX2X2CH	0.1 U	18.1	6 U	9.6	21	0.1 J	0.04	1.1 J		
7/29/2008	XX	SWXX2X2G1	0.1 U	26	6 U	8.6	50	0.1 J	0.04	1 J		
10/28/2008	XD	SWDP2X2IG	0.1 U	15.8	5 U	4.1	34	0.1 U	0.27	1 J		
10/28/2008	XX	SWXX2X2IB	0.2 J	16.1	5 U	4	32	0.1 U	0.02 J	0.9 J		
4/14/2009	XX	SWXX2X31J	0.1 U	8.5	4 U	8.7	27	0.1 U	0.02 J	1.4 J		
7/7/2009	XD	SWDP2X368	0.2 U	13.5	5 U	4.9	46	0.1 U	0.02 J	1 J		
7/7/2009	XX	SWXX2X363	1.4 J	13	5 U	5.1	47	0.1 U	0.02 J	1.1 J		
10/27/2009	XX	SWXX2X3DI	0.1 U	21	5 U	6.4	31	0.1 U	0.02 J	3.2		
4/28/2010	XD	SWDP2X3J2	0.1 U	14.5	2 U	9.8	33	0.1 U	0.02 J	1.1 J		
4/28/2010	XX	SWXX2X3IH	0.1 J	14.6	2 U	9.8	33	0.1 U	0.02 J	0.9 J		
7/20/2010	XX	SWXX2X421	0.1 U	25	4	3.8	72	0.1 U	0.05	0.6 U		
7/20/2010	XD	SWDP2X426	0.1 U	23	4	3.7	72	0.1 U	0.04	1.9 J		
10/19/2010	XX	SWXX2X455	0.1 U	10.1	5 U	8	58	0.1 U	0.02 J	4.8		
10/19/2010	XD	SWDP2X45A	0.1 U	10	5 U	8.2	57	0.1 U	0.02 J	4.2		

SUMMARY REPORT

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SEVEE & MAHER ENGINEERS, INC.
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(SW-3)			Ammonia (N)	Bicarbonate (CaCO3)	Biochemical Oxygen Demand	Chloride	Chemical Oxygen Demand	Nitrate (N)	Phosphate Phosphorus	Sulfate	Ca-mg Hardness (CaCO3)	Bromide
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
SW-3												
5/26/1994	XX	SWXX3X078	0.13		5 U	5	56	0.05 U	0.06	10 U	21	
8/8/1994	XX	SWXX3X07G	0.11		5 U	1 U	51	0.05 U	0.05	10 U	25	
11/15/1994	XX	SWXX3X080	0.1		5 U	5	41	0.05 U	0.04	10 U	20	
2/7/1995	XX	SWXX3X084	0.1		5 U	5	21	0.05 U	0.03 U	10 U	24	
5/24/1995	XX	SWXX3X088	0.08		5 U	5	61	0.05 U	0.05	10 U	23	
8/16/1995	XX	SWXX3X08C	0.06		5 U	5	53	0.05 U	0.05	10 U	31	
11/30/1995	XX	SWXX3X08G	0.1 U		6 U	4.6	28	0.05 U	0.4	4 U	19	
2/27/1996	XX	SWXX3X090	0.1 U		6 U	9.6	32	0.058	0.1 U	2.1	12	
5/21/1996	XX	SWXX3X0A0	0.1 U		6 U	4.3	42	0.05 U	0.02	5 U	17.2	
11/25/1996	XX	SWXX3X0AJ				1 U	35			5 U	23.3	
3/26/1997	XX	SW-3819-35515				F	F			F	F	
6/4/1997	XX	SW-3820-35585				2 U	36			5 U	24.4	
9/11/1997	XX	SW-3821-35684				2 U	33			5 U	27.4	
12/8/1997	XX	SW-3822-35772				5 U	39			5 U	23.4	
3/26/1998	XX	SW-3823-35880				2 U	21			1 U	12	
6/9/1998	XX	SW-3824-35955				2 U	25			5 U	26.9	
9/10/1998	XX	SW-3825-36048				7.9	32			0.9	32.2	
12/15/1998	XX	SW-3826-36144				4.8	40			2.6	28	
3/30/1999	XX	SW-3827-36249				3.8	18			2.4	8.9	
6/9/1999	XX	SW-3828-36320				4	53			1.6	23	
9/15/1999	XX	SW-3829-36418				3.3	43			4.8	24.2	
12/2/1999	XX	SW-3830-36496				3.9	22			1.1	21.8	
3/28/2000	XX	SW-3831-36613				12	22			35	14	
6/13/2000	XX	SW-3832-36690				10 U	33			1.2	26	
9/13/2000	XX	SW-3833-36782				10 U	30			1.1	27	
6/19/2001	XX	SW-3834-37061				10 U	45			1	36	
9/11/2001	XX	SW-3835-37145				10 U	31			3.3	36	
12/12/2001	XX	SW-3836-37237				10 U	34			6.9	30	
3/14/2002	XX	SW-3837-37329				10 U	26			4.4	18	
6/18/2002	XX	SW-3838-37425				11	40			0.8 U	27	
9/19/2002	XX	SW-3839-37518				12	31			9.8	37	
12/10/2002	XX	SW-3840-37600				12	40			8.6	41	
6/26/2003	XX	SW-3N37798				6.5	48			1 U	41	
9/18/2003	XX	SW-3N37882				7.9	46			1 U	42	
5/3/2004	XD	SWDP2X01E	0.5	20	6 U	7.9	31	0.1 U	0.03 J	1.3		
5/3/2004	XX	SWXX3X01A	0.5	22	6 U	10	31	0.1 U	0.03 J	1.3		
7/27/2004	XX	SWXX3X04G	0.1 J	37	6 U	4.7	49	0.1 U	0.04	0.4		
10/26/2004	XD	SWDP2X06F	0.1 U	31	6 U	3.9	39	0.1 U	0.03 J	0.4		
10/26/2004	XX	SWXX3X06B	0.1 U	28	6 U	3.9	40	0.1 U	0.03 J	0.5		
5/10/2005	XX	SWXX3X12C	0.1 U	10	6 U	5	30	0.1 U	0.02 J	1.1 J		
7/28/2005	XX	SWXX3X160	0.1 U	25	6 U	3.5	41	0.1 U	0.02 J	0.6 U		
7/28/2005	XD	SWDP2X164	0.1 U	25	6 U	3.5	47	0.1 U	0.03 J	0.6 U		
9/20/2005	XD	SWDP2X192	0.1 U	25	6 U	4.6	38	0.1 U	0.04	1.3 J		
9/20/2005	XX	SWXX3X18I	0.1 U	25	6 U	4.5	38	0.1 U	0.03 J	1.3 J		
5/24/2006	XX	SWXX3X1DD	0.1 U	15	6 U	8.1	33	0.1 U	0.02 J	2.3		
7/26/2006	XX	SWXX3X1GA	0.1 U	17	6 U	2.5	45	0.1 U	0.02 J	0.8 J		
9/13/2006	XX	SWXX3X1J3	0.1 U	27	6 U	4.2	30	0.1 U	0.02 J	0.6 J		
5/15/2007	XX	SWXX3X22A	0.1 U	21	6 U	6.4	30	0.1 U	0.02 J	1 J		

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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(SW-3)												
7/24/2007	XX	SWXX3X26E	0.1 U	26	6 U	5.9	43	0.1 J	0.03 J	1.8 J		
9/11/2007	XX	SWXX3X294	0.1 U	31	6 U	7.5	38	0.1 J	0.02 J	1.3 J		
5/21/2008	XX	SWXX3X2CI	0.1 U	23	6 U	8.4	29	0.1 J	0.03 J	1.9 J		
7/29/2008	XX	SWXX3X2G2	0.1 U	26	6 U	6.4	37	0.2 J	0.03 J	2.5		
10/28/2008	XX	SWXX3X2IC	0.1 U	15.9	5 U	6.7	32	0.1 U	0.02 J	2.9		
4/14/2009	XX	SWXX3X320	0.1 U	10.5	4 U	9.8	19	0.1 U	0.01 U	1.5 J		
7/7/2009	XX	SWXX3X364	0.2 U	16.6	5 U	4.5	42	0.1 U	0.03 J	1.5 J		
10/27/2009	XX	SWXX3X3DJ	0.1 U	10.7	5 U	4.8	35	0.1 U	0.02 J	2.5		
4/28/2010	XX	SWXX3X3II	0.1 U	21	2 U	8.1	27	0.1 U	0.03 J	1.8 J		
7/20/2010	XX	SWXX3X422	0.3 J	40	3 U	5	27	0.1 U	0.06	1.8 J		
10/19/2010	XX	SWXX3X456	0.1 U	12.5	5 U	6.4	49	0.1 U	0.02 J	5.5		
SW-4												
11/25/1996	XX	SWXX4X0B2				1 U	6			16	102	
3/26/1997	XX	SW-4820-35515					2			9	115	
6/3/1997	XX	SW-4821-35584				1 U	3			8	138.6	
9/11/1997	XX	SW-4822-35684				1 U	2 U			13	160	
12/8/1997	XX	SW-4823-35772				1 U	9			8	159	
3/25/1998	XX	SW-4824-35879				1 U	2 U			5 U	134	
6/9/1998	XX	SW-4825-35955				1 U	2 U			5 U	138	
9/10/1998	XX	SW-4826-36048				1.8	2 U			8.1	133	
12/15/1998	XX	SW-4827-36144				1.6	4 U			7.3	125	
3/30/1999	XX	SW-4828-36249				1.6	7			6.2	127	
6/9/1999	XX	SW-4829-36320				1.7	9			6.3	129	
9/14/1999	XX	SW-4830-36417				4	24			15.4	94.2	
12/2/1999	XX	SW-4831-36496				1.8	15 U			5.2	135	
3/28/2000	XX	SW-4832-36613				10 U	10			9.5	130	
6/13/2000	XX	SW-4833-36690				10 U	28			10	150	
9/13/2000	XX	SW-4834-36782				10 U	20			5.8	120	
12/12/2000	XX	SW-4835-36872				10 U	10 U			5	100	
3/14/2001	XX	SW-4836-36964				10 U	10 U			5	93	
6/19/2001	XX	SW-4837-37061				10 U	15			5	95	
9/11/2001	XX	SW-4838-37145				10 U	36			7.8	130	
12/12/2001	XX	SW-4839-37237				10 U	10 U			8.9	110	
3/14/2002	XX	SW-4840-37329				10 U	10 U			3.7	91	
6/18/2002	XX	SW-4841-37425				10 U	15			7.1	100	
9/19/2002	XX	SW-4842-37518				3.8	10 U			6.4	130	
12/10/2002	XX	SW-4843-37600				3.4	10 U			3.9	98	
3/26/2003	XX	SW-4N37706				2.9	10 U			3.6	96	
3/26/2003	XD	SW-4D37706				3.3	10 U			4.1	91	
6/26/2003	XX	SW-4N37798				2.6	10 U			4.3	120	
9/18/2003	XX	SW-4N37882				2.7	10 U			5.1	130	
5/4/2004	XX	SWXX4X01G	0.1 U	91		2.2	3 U	0.3	0.02 J	2.8		
PWS-1												
4/26/2010	XX	GWPWS13IJ	1.1	74		14.6	33	0.1 U	0.14	1 J		
7/19/2010	XX	GWPWS1423	1.1	125		10.1	31	0.1 U	0.26	2.1		
10/18/2010	XX	GWPWS1457	0.1 U	100		10.6	29	0.1 U	0.05	10		
PWS-2												
4/26/2010	XX	GWPWS23J0	0.2 J	16.3		9.5	19	0.1 U	0.02 J	3.1		

SEVEE & MAHER ENGINEERS, INC.
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Date	Type	Sample ID	Ammonia (N) mg/L	Bicarbonate (CaCO3) mg/L	Biochemical Oxygen Demand mg/L	Chloride mg/L	Chemical Oxygen Demand mg/L	Nitrate (N) mg/L	Phosphate Phosphorus mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bromide mg/L
(PWS-2)												
7/19/2010	XX	GWPWS2424	0.7	35		12.6	26	0.2 J	0.08	4.2		
10/18/2010	XX	GWPWS2458	0.1 J	16.4		5.7	40	0.1 U	0.03 J	6.9		
PWS-3												
4/26/2010	XX	GWPWS33J1	0.1 U	87		2.5	11	0.1 U	0.05	3.3		
7/19/2010	XX	GWPWS3425	1.9	70		1.7	251	0.1 U	0.48	1.8 J		
10/18/2010	XX	GWPWS3459	0.1 U	12.5		7.7	105	0.1 U	0.22	4.6		

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

! - The sampling location was damaged or destroyed.
D - The sampling location was dry.
DE - Decommissioned Location
F - The sampling location was frozen.
F6 - No flow. Sample not taken.
H2 - Waterlevel higher than pipes. See LF-COMP for readings
I - The sampling location yielded insufficient quantity to collect a sample.
J - Analyte was positively identified/Associated value is an estimate below reporting limit.
U - Not Detected above the reported sample detection limit.

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Inorganics (part 2 of 2)

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(LF-UD-1) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
LF-UD-1													
7/28/2004	XX	LFUD1X05E	151	0.5 U	4 U	0.2 U	0.1 U						
10/27/2004	XX	LFUD1X076	130	2.2	4 U	0.2 U	0.1 U						
5/11/2005	XX	LFUD1X137	162	2	4 U	0.2 U							
7/27/2005	XX	LFUD1X16F	154	0.8 J	4 U	0.2 U	0.1 U						
9/21/2005	XX	LFUD1X19D	155	1.1 J	4 U	0.2 U	0.1 U						
5/24/2006	XX	LFUD1X1E8	170	3.8	4 U	0.2 U							
7/25/2006	XX	LFUD1X1H5	151	1.6	4 U	0.2 U							
9/11/2006	XX	LFUD1X1JI	169	1 J	4	0.2 U							
5/16/2007	XX	LFUD1X235	181	2.3	4 U	0.21							
7/25/2007	XX	LFUD1X279	190	6.4	4 U	0.2 U							
9/12/2007	XX	LFUD1X29J	I	I	I	I							
5/20/2008	XX	LFUD1X2DD	178	1.8 J	4 U	0.2 U							
7/28/2008	XX	LFUD1X2GH	218	1.7 J	4 U	0.2 U							
10/28/2008	XX	LFUD1X2J7	202	1.1 J	4 U	0.2 U							
4/15/2009	XX	LFUD1X32F	211	1.8 J	4 U	0.2 U							
7/8/2009	XX	LFUD1X36J	H2	H2	H2	H2							
10/27/2009	XX	LFUD1X3EE	H2	H2	H2	H2							
4/27/2010	XX	LFUD1X3JD	191	2.3	4 U	0.2 U							
7/20/2010	XX	LFUD1X42H	F6	F6	F6	F6							
10/19/2010	XX	LFUD1X461	F6	F6	F6	F6							
LF-UD-2													
7/28/2004	XX	LFUD2X05F	138	0.8 J	4 U	0.2 U	0.1 U						
10/27/2004	XX	LFUD2X077	133	1.1 J	4 U	0.2 U	0.1 U						
5/11/2005	XX	LFUD2X138	132	2	4 U	0.2 U							
7/27/2005	XX	LFUD2X16G	145	0.9 J	4 U	0.2 U	0.1 U						
9/21/2005	XX	LFUD2X19E	143	0.7 J	4 U	0.2 U	0.1 U						
5/24/2006	XX	LFUD2X1E9	145	12	4 U	0.2 U							
7/25/2006	XX	LFUD2X1H6	139	1.2 J	4 U	0.2 U							
9/11/2006	XX	LFUD2X1JJ	208	2.4	4 U	0.2 U							
5/16/2007	XX	LFUD2X236	160	1 J	4 U	0.2 U							
7/25/2007	XX	LFUD2X27A	158	1.4 J	4 U	0.2 U							
9/12/2007	XX	LFUD2X2A0	176	0.6 J	4 U	0.2 U							
5/20/2008	XX	LFUD2X2DE	157	2	4 U	0.2 U							
7/28/2008	XX	LFUD2X2GI	186	1.3 J	4 U	0.2 U							
10/29/2008	XX	LFUD2X2J8	159	0.8 J	4 U	0.2 U							
4/15/2009	XX	LFUD2X32G	171	1.7 J	4 U	0.2 U							
7/8/2009	XX	LFUD2X370	H2	H2	H2	H2							
10/27/2009	XX	LFUD2X3EF	H2	H2	H2	H2							
4/27/2010	XX	LFUD2X3JE	152	1.9 J	4 U	0.2 U							
7/20/2010	XX	LFUD2X42I	229	0.7 U	4 U	0.2 U							
10/19/2010	XX	LFUD2X462	290	0.7 U	39	0.2 U							
LF-UD-3A													
5/16/2007	XX	LFUD3X246	249	4.8	4 U	0.24							
7/25/2007	XX	LFUD3X288	F6	F6	F6	F6							
9/12/2007	XX	LFUD3X2AI	F6	F6	F6	F6							
5/20/2008	XX	LFUD3X2EE	163	4.3	4 U	0.2 U							
7/28/2008	XX	LFUD3X2HG	D	D	D	D							

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Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
(LF-UD-3A)													
10/29/2008	XX	LFUD3X306	F6	F6	F6	F6							
4/15/2009	XX	LFXXXX33F	263	2.6	4 U	0.2 U							
7/8/2009	XX	LFXXXX37I	H2	H2	H2	H2							
10/27/2009	XX	LFXXXX3FC	H2	H2	H2	H2							
4/27/2010	XX	LFXXXX40C	236	4	4 U	0.2 U							
7/20/2010	XX	LFXXXX43G	F6	F6	F6	F6							
10/19/2010	XX	LFXXXX46J	F6	F6	F6	F6							
LF-UD-3B													
4/15/2009	XX	LFXXXX349	F6	F6	F6	F6							
7/8/2009	XX	LFXXXX37J	H2	H2	H2	H2							
10/27/2009	XX	LFXXXX3FD	H2	H2	H2	H2							
4/27/2010	XX	LFXXXX40D	F6	F6	F6	F6							
7/20/2010	XX	LFXXXX43H	F6	F6	F6	F6							
10/19/2010	XX	LFXXXX470	F6	F6	F6	F6							
LF-UD-4													
4/15/2009	XX	LFXXXX34A	206	5.1	5	0.2 U							
7/8/2009	XX	LFXXXX380	H2	H2	H2	H2							
10/27/2009	XX	LFXXXX3FE	H2	H2	H2	H2							
4/27/2010	XX	LFXXXX40E	F6	F6	F6	F6							
7/20/2010	XX	LFXXXX43I	F6	F6	F6	F6							
10/19/2010	XX	LFXXXX471	F6	F6	F6	F6							
LF-UD-5													
4/27/2010	XX	LFXXXX40F	197	1.4 J	4 U	0.2 U							
7/20/2010	XX	LFXXXX43J	272	2.5	7	0.2 U							
10/19/2010	XX	LFXXXX472	277	1.6 J	42	0.2 U							
LF-COMP													
7/8/2009	XX	LFXXXXHG0	172	0.7 U	4 U	0.2 U							
10/27/2009	XX	LFXXXXHBA	242	2.5	4 U	0.2 U							
LP-LD-1													
7/28/2004	XX	LPLD1X05I	578	5.2	34	0.2 U	0.1 U						
10/27/2004	XX	LPLD1X07A	306	5.4	141	0.46	0.1 U						
5/11/2005	XX	LPLD1X13B	73	4	4 U	0.59							
7/27/2005	XX	LPLD1X16J	247	2.1	4 U	0.2 U	0.1 U						
9/21/2005	XX	LPLD1X19H	571	10.7	13	1	0.17						
5/24/2006	XX	LPLD1X1EC	172	4.7	4 U	0.28							
7/25/2006	XX	LPLD1X1H9	370	4.5	4 U	0.2 U							
9/11/2006	XX	LPLD1X202	492	6.3	4 U	0.2 U							
5/16/2007	XX	LPLD1X239	312	5.4	4 U	0.37							
7/25/2007	XX	LPLD1X27D	486	6.4	4 U	0.2 U							
9/12/2007	XX	LPLD1X2A3	509	9.7	21	0.35							
5/20/2008	XX	LPLD1X2DH	75	5.2	4 U	0.54							
7/28/2008	XX	LPLD1X2H1	182	4.8	4 U	0.55							
10/29/2008	XX	LPLD1X2JB	196	44.7	4 U	0.43							
4/15/2009	XX	LPLD1X32J	371	3.8	4 U	0.2 U							
7/8/2009	XX	LPLD1X373	85	2	9	0.2 U							
10/27/2009	XX	LPLD1X3EI	97	3.8	4 U	0.2 U							

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(LP-UD-1) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
LP-UD-1													
7/28/2004	XX	LPUD1X05G	D	D	D	D	D						
10/27/2004	XX	LPUD1X078	H2	H2	H2	H2	H2						
5/11/2005	XX	LPUD1X139	D	D	D	D							
7/27/2005	XX	LPUD1X16H	D	D	D	D	D						
9/21/2005	XX	LPUD1X19F	D	D	D	D	D						
5/24/2006	XX	LPUD1X1EA	D	D	D	D							
7/26/2006	XX	LPUD1X1H7	F6	F6	F6	F6							
9/11/2006	XX	LPUD1X200	D	D	D	D							
5/16/2007	XX	LPUD1X237	F6	F6	F6	F6							
7/25/2007	XX	LPUD1X27B	F6	F6	F6	F6							
9/12/2007	XX	LPUD1X2A1	F6	F6	F6	F6							
5/20/2008	XX	LPUD1X2DF	F6	F6	F6	F6							
7/28/2008	XX	LPUD1X2GJ	D	D	D	D							
10/29/2008	XX	LPUD1X2J9	F6	F6	F6	F6							
4/15/2009	XX	LPUD1X32H	F6	F6	F6	F6							
7/8/2009	XX	LPUD1X371	F6	F6	F6	F6							
10/27/2009	XX	LPUD1X3EG	F6	F6	F6	F6							
4/27/2010	XX	LPUD1X3JF	F6	F6	F6	F6							
7/20/2010	XX	LPUD1X42J	F6	F6	F6	F6							
10/19/2010	XX	LPUD1X463	F6	F6	F6	F6							
LP-UD-2													
7/28/2004	XX	LPUD2X05H	300	2.9	4 U	0.2 U	0.1 U						
10/27/2004	XX	LPUD2X079	455	6.3	4 U	0.2 U	0.1 U						
5/11/2005	XX	LPUD2X13A	258	3.1	4 U	0.2 U							
7/27/2005	XX	LPUD2X16I	236	1.5	4 U	0.2 U	0.1 U						
9/21/2005	XX	LPUD2X19G	246	1.4 J	4 U	0.2 U	0.1 U						
5/24/2006	XX	LPUD2X1EB	212	4	4 U	0.2 U							
7/25/2006	XX	LPUD2X1H8	209	1.8	4 U	0.2 U							
9/11/2006	XX	LPUD2X201	153	1.5	4 U	0.2 U							
5/16/2007	XX	LPUD2X238	211	2.4	4	0.29							
7/25/2007	XX	LPUD2X27C	206	2.5	4 U	0.2 U							
9/12/2007	XX	LPUD2X2A2	210	1 J	4 U	0.2 U							
5/20/2008	XX	LPUD2X2DG	180	1.6 J	4 U	0.2 U							
7/28/2008	XX	LPUD2X2H0	215	2	4 U	0.2 U							
10/29/2008	XX	LPUD2X2JA	191	1.3 J	4 U	0.2 U							
4/15/2009	XX	LPUD2X32I	187	2.8	4 U	0.2 U							
7/8/2009	XX	LPUD2X372	185	2	4 U	0.2 U							
10/27/2009	XX	LPUD2X3EH	151	1.4 J	4 U	0.2 U							
4/27/2010	XX	LPUD2X3JG	187	1.3 J	4	0.2 U							
7/20/2010	XX	LPUD2X430	206	0.7 U	4 U	0.2 U							
10/19/2010	XX	LPUD2X464	197	0.7 U	4 U	0.2 U							
LP-COMP													
10/27/2004	XX	LPCOMPHD2	459	5.5	4 U	0.2 U	0.1 U						
LT-C4L													
4/15/2009	XX	LTC4LX325	19657	1970	145		11	630		3290	0.009		
7/7/2009	XX	LTC4LX369	19816	1670	230	97	7	740					

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(LT-C4L) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
10/28/2009	XX	LTC4LX3E4	14060	475	52	44	1.5	810					
4/28/2010	XX	LTC4LX3J3	15180	474	59		0.44	910		3210	0.007		
7/20/2010	XX	LTC4LX427	15250	366	38	53	2.5	880					
10/19/2010	XX	LTC4LX45B	16940	307	44	52	1.1	790					
MW-204													
11/13/1990	XX	MW-204XX33190	200	7.2		0.5		4					700
2/20/1991	XX	MW-204XX33289	F	F	F	F		F	F		F		F
6/3/1991	XX	MW-204XX33392	160	4.4		0.32		1.1					5
9/16/1991	XX	MW-204XX33497	200	8.4		0.23		0.96					5 U
12/17/1991	XX	GW204X001	180	2.2		0.2 U		0.86					25
3/2/1992	XX	GW204X00I	F	F		F		F					F
6/23/1992	XX	GW204X01E	140	2		0.2 U		1.6					20
8/17/1992	XX	GW204X02C	220	17		0.2 U		3.6					20
1/26/1993	XX	GW204X038	130	2		0.2 U		0.8					15
4/27/1993	XX	GW204X04C	85	1 U				0.6					10
7/21/1993	XX	GW204X054	110	2		0.2 U		0.5					5 U
10/12/1993	XX	GW204X05I	120	5		0.2 U		0.4					5
1/11/1994	XX	GW204X06E	140	14		0.2 U		0.4					20
5/21/1996	XX	GW204X093	113	1.5		0.2 U		0.73					50
11/25/1996	XX	GW204X0A2	75	1 U									
3/25/1997	XX	MW-204808-35514	61	1 U									
6/3/1997	XX	MW-204809-35584	108	1 U									
9/9/1997	XX	MW-204810-35682	160	0.5 U									
12/3/1997	XX	MW-204811-35767	120	1 U									
3/23/1998	XX	MW-204812-35877	117	1 U									
6/8/1998	XX	MW-204813-35954	106	1 U									
9/9/1998	XX	MW-204814-36047	108	1 U									
12/14/1998	XX	MW-204815-36143	134	1 U									
3/29/1999	XX	MW-204816-36248	112	1.4									
6/8/1999	XX	MW-204817-36319	117	1.7 U									
9/13/1999	XX	MW-204818-36416	122	1									
12/1/1999	XX	MW-204819-36495	115	0.4									
3/27/2000	XX	MW-204820-36612	130	1 U									
6/12/2000	XX	MW-204821-36689	110	1 U									
9/12/2000	XX	MW-204822-36781	130	1 U									
12/11/2000	XX	MW-204823-36871	64	1 U									
3/12/2001	XX	MW-204824-36962	110	1 U									
6/18/2001	XX	MW-204825-37060	110	1.4									
9/10/2001	XX	MW-204826-37144	95	1 U									
12/11/2001	XX	MW-204827-37236	110	1.4									
3/13/2002	XX	MW-204828-37328	120	2.5									
6/17/2002	XX	MW-204829-37424	150	3.2									
9/18/2002	XX	MW-204830-37517	160	3.5									
12/9/2002	XX	MW-204831-37599	170	3.6									
3/25/2003	XX	MW-204N37705	130	2.2									
6/25/2003	XX	MW-204N37797	120	3									
9/17/2003	XX	MW-204N37881	150	2.9									
1/29/2004	XX	GW204X03A	151	1.3 J	4 U					110			
5/4/2004	XX	GW204X008	138	1 J	4 U		0.1 U	0.15 U		98	0.002 U		

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(MW-204) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
7/27/2004	XX	GW204X03G	148	1.2 J	4 U		0.1 U	0.29		95	0.002 U		
10/25/2004	XX	GW204X07D	175	9.3	4 U	0.2 U	0.1 U	0.53	0.011				
5/9/2005	XX	GW204X13E	146	1.4 J	4 U	0.2 U		0.3 U					
8/1/2005	XX	GW204X172	170	1.3 J	4 U	0.2 U	0.1 U	0.3 U					
9/20/2005	XX	GW204X1A0	210	2	4 U	0.2 U	0.1 U	0.3 U					
5/23/2006	XX	GW204X1EF	147	3.3	4 U	0.2 U		0.33					
7/24/2006	XX	GW204X1HC	143	1.7	4 U	0.2 U		0.82					
9/11/2006	XX	GW204X205	138	2.4	4 U	0.2 U		0.3 U					
5/14/2007	XX	GW204X23C	142	1.7	4 U	0.2 U		0.5 U					
7/23/2007	XX	GW204X27G	140	1.9	4 U	0.2 U		0.3 U					
9/10/2007	XX	GW204X2A6	161	3.7	4 U	0.2 U		0.3 U					
5/21/2008	XX	GW204X2E0	134	3	4 U	0.2 U		0.3 U					
7/30/2008	XX	GW204X2H4	147	0.8 J	4 U	0.2 U		0.5 U					
10/28/2008	XX	GW204X2JE	144	0.7 J	4 U	0.2 U		0.5 U					
4/13/2009	XX	GW204X332	148	4.7	4 U	0.2 U		0.54					
7/6/2009	XX	GW204X376	134	1.2 J	4 U	0.2 U		2 U					
10/26/2009	XX	GW204X3F1	133	0.9 J	4 U	0.2 U		0.3 U					
4/28/2010	XX	GW204X400	119	3.7	4 U	0.2 U		0.34					
7/19/2010	XX	GW204X434	113	0.7 U	4 U	0.2 U		0.3 U					
10/19/2010	XX	GW204X468	138	0.9 J	4 U	0.2 U		0.3 U					
MW-206													
4/27/1993	XX	GW206X04I	190	4		0.2 U		2.2					20
4/27/1993	XD	GW206X04E	190	2		0.2		1.7					30
7/21/1993	XX	GW206X05A	150	9		0.2 U		0.2					5 U
10/13/1993	XX	GW206X05J	130	8		0.2 U		0.7					5 U
1/11/1994	XX	GW206X06F	160	4		0.2 U		0.3					20
5/21/1996	XX	GW206X094	95	2		0.2 U		0.15 U					35
11/26/1996	XX	GW206X0A3	72	1 U									
3/25/1997	XX	MW-206824-35514	58	1 U									
6/2/1997	XX	MW-206825-35583	30	1 U									
9/8/1997	XX	MW-206826-35681	105	0.5 U									
12/3/1997	XX	MW-206827-35767	93	1 U									
3/23/1998	XX	MW-206828-35877	101	1 U									
6/8/1998	XX	MW-206829-35954	86	1 U									
9/8/1998	XX	MW-206830-36046	110	1 U									
12/14/1998	XX	MW-206831-36143	134	3									
3/29/1999	XX	MW-206832-36248	81	1.2									
6/8/1999	XX	MW-206833-36319	115	1.7 U									
9/15/1999	XX	MW-206834-36418	116	0.8									
12/1/1999	XX	MW-206835-36495	91	1.2 U									
3/27/2000	XX	MW-206836-36612	91	1 U									
6/12/2000	XX	MW-206837-36689	83	1 U									
9/13/2000	XX	MW-206838-36782	96	1 U									
12/11/2000	XX	MW-206839-36871	48	1 U									
3/13/2001	XX	MW-206840-36963	74	1 U									
6/18/2001	XX	MW-206841-37060	78	1 U									
9/10/2001	XX	MW-206842-37144	69	1 U									
12/12/2001	XX	MW-206843-37237	62	1 U									
3/13/2002	XX	MW-206844-37328	67	1 U									

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(MW-206) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
6/17/2002	XX	MW-206845-37424	56	1 U									
9/18/2002	XX	MW-206846-37517	55	1 U									
12/9/2002	XX	MW-206847-37599	84	1 U									
3/26/2003	XX	MW-206N37706	58	1 U									
6/25/2003	XX	MW-206N37797	60	2.1									
9/17/2003	XX	MW-206N37881	66	1 U									
5/6/2004	XX	GW206X010	96	0.5 U	8	0.2 U	0.1 U	0.15 U	0.01 U				
7/28/2004	XX	GW206X047	96	0.5 U	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
10/26/2004	XX	GW206X062	86	0.7 J	4 U	0.2 U	0.1 U	0.3 U	0.01 U				
5/11/2005	XX	GW206X123	97	0.8 J	4 U	0.2 U		0.3 U					
7/28/2005	XX	GW206X15B	89	1.3 J	4 U	0.2 U	0.1 U	0.3 U					
9/19/2005	XX	GW206X189	81	1.1 J	4 U	0.2 U	0.1 U	0.3 U					
5/24/2006	XX	GW206X1D4	98	1.7	4 U	0.2 U		0.44					
7/25/2006	XX	GW206X1G1	88	2.2	4 U	0.2 U		1.2					
9/12/2006	XX	GW206X1IE	66	0.8 J	4 U	0.2 U		0.3 U					
5/14/2007	XX	GW206X221	97	2.7	4 U	0.2 U		0.5 U					
7/25/2007	XX	GW206X265	85	2.1	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW206X28F	95	2.6	4 U	0.2 U		0.5 U					
5/20/2008	XX	GW206X2C9	74	1.5 J	4 U	0.2 U		0.3 U					
7/29/2008	XX	GW206X2FD	83	1.4 J	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW206X2I3	90	1.2 J	4 U	0.2 U		0.5 U					
4/13/2009	XX	GW206X31B	97	1.2 J	4 U	0.2 U		0.5 U					
7/6/2009	XX	GW206X35F	86	0.7 U	4 U	0.2 U		2 U					
10/28/2009	XX	GW206X3DA	86	0.8 J	4 U	0.2 U		0.3 U					
4/26/2010	XX	GW206X3I9	69	0.7 J	4 U	0.2 U		0.3 U					
7/19/2010	XX	GW206X41D	81	1.4 J	4 U	0.2 U		2.4					
10/18/2010	XX	GW206X44H	98	1.5 J	10	0.2 U		2.4					
MW-207													
11/13/1990	XX	MW-207XX33190	250	11		0.9		1					170
2/20/1991	XX	MW-207XX33289	190	9.4		0.4		11	4				200
6/4/1991	XX	MW-207XX33393	170	9.9		1.3		0.59					5
9/17/1991	XX	MW-207XX33498	120	14		0.45		0.96					5 U
12/18/1991	XX	GW207X002	130	4.7		0.27		0.39					10
3/2/1992	XX	GW207X00J	F	F		F		F					F
6/23/1992	XX	GW207X01F	140	4		0.2 U		0.3					20
6/23/1992	XD	GW207X028	150	5		0.2 U		0.4					15
8/17/1992	XX	GW207X02D	130	43		0.2 U		0.3					75
1/26/1993	XX	GW207X039	100	3		0.2 U		0.3					20
4/27/1993	XX	GW207X04D	74	30		0.2 U		0.3					15
7/22/1993	XX	GW207X055	100	6		0.2		1.3					5 U
10/13/1993	XX	GW207X060	96	8		0.2 U		0.3					5 U
1/11/1994	XX	GW207X06G	150	4		0.2 U		0.4					15
5/21/1996	XD	GWDP1X09A	104	2.7		0.2 U		0.15 U					25
5/21/1996	XX	GW207X095	100	2.5		0.3		0.18					55
11/26/1996	XX	GW207X0A4	98	3.8									
3/24/1997	XX	MW-207825-35513	85	6.6									
6/2/1997	XX	MW-207826-35583	116	2.1									
9/8/1997	XX	MW-207827-35681	127	2.2									
12/3/1997	XX	MW-207828-35767	105	2									

SUMMARY REPORT

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Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
(MW-207)													
3/23/1998	XX	MW-207829-35877	94	1									
6/8/1998	XX	MW-207830-35954	85	1.4									
9/8/1998	XX	MW-207831-36046	105	1.4									
12/14/1998	XX	MW-207832-36143	127	1.3									
3/29/1999	XX	MW-207833-36248	98	1.8									
6/8/1999	XX	MW-207834-36319	96	1.7 U									
9/13/1999	XX	MW-207835-36416	108	3.3									
12/1/1999	XX	MW-207836-36495	77	1.5									
3/27/2000	XX	MW-207837-36612	80	5.6									
6/12/2000	XX	MW-207838-36689	110	4.4									
9/12/2000	XX	MW-207839-36781	130	6.3									
12/11/2000	XX	MW-207840-36871	44	3.2									
3/13/2001	XX	MW-207841-36963	78	2.2									
6/18/2001	XX	MW-207842-37060	72	2.44									
9/10/2001	XX	MW-207843-37144	45	1.8									
12/11/2001	XX	MW-207844-37236	70	1.6									
3/13/2002	XX	MW-207845-37328	57	1.1									
6/17/2002	XX	MW-207846-37424	46	1.4									
9/18/2002	XX	MW-207847-37517	45	1 U									
12/9/2002	XX	MW-207848-37599	68	1 U									
3/26/2003	XX	MW-207N37706	43	1 U									
6/25/2003	XX	MW-207N37797	39	2.6									
9/17/2003	XX	MW-207N37881	46	1.2									
5/5/2004	XX	GW207X011	80	1.2 J	4 U	0.25	0.1 U	0.15 U	0.01 U				
7/28/2004	XX	GW207X048	97	1.9	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
10/25/2004	XX	GW207X063	107	4.1	16	0.32	0.1 U	0.42	0.01 U				
5/12/2005	XX	GW207X124	104	2	6	0.51		0.59					
8/1/2005	XX	GW207X15C	101	1 J	5	0.3	0.3	0.6					
9/19/2005	XD	GWDP1X18F	90	1.1 J	4 U	0.24	0.1 U	0.31					
9/19/2005	XX	GW207X18A	93	3.1	4 U	0.25	0.1 U	0.3					
5/22/2006	XX	GW207X1D5	114	4.6	4 U	0.29		0.42					
7/25/2006	XX	GW207X1G2	117	4.8	4 U	0.2 U		0.58					
9/11/2006	XX	GW207X1IF	105	4.7	4 U	0.2 U		0.55					
5/14/2007	XX	GW207X222	130	2.5	10	0.28		0.5 U					
7/25/2007	XX	GW207X266	136	4.5	4	0.2 U		0.3					
9/10/2007	XX	GW207X28G	143	6.8	4 U	0.2 U		0.39					
5/19/2008	XX	GW207X2CA	144	3.7	4 U	0.2 U		0.54					
7/29/2008	XX	GW207X2FE	162	5.2	4 U	0.27		0.5 U					
10/28/2008	XX	GW207X2I4	210	6.4	8	0.36		0.58					
4/13/2009	XX	GW207X31C	195	17.1	20	1.8		25					
7/6/2009	XX	GW207X35G	213	22.3	38	2.1		22					
10/26/2009	XX	GW207X3DB	265	9.2	17	1		12					
4/26/2010	XX	GW207X3IA	259	6.5	46	0.74		3.8					
7/19/2010	XX	GW207X41E	244	5.3	29	0.78		4.4					
10/18/2010	XX	GW207X44I	286	6.2	14	2.3		5.1					
MW-212													
11/13/1990	XX	MW-212XX33190	I	I	I	I		I	I		I		I
2/19/1991	XX	MW-212XX33288	I	1 U	I	I		I	I		I		I
6/4/1991	XX	MW-212XX33393	120	12		0.2 U		I					5

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(MW-212) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
9/16/1991	XX	MW-212XX33497	I	I	I	I		I	I		I		I
12/17/1991	XX	GW212X004	88	7.3		0.2 U		0.68					5
3/2/1992	XX	GW212X011	I	I		I		1					I
6/23/1992	XX	GW212X01H	D	D	D	D		D	D		D		D
1/26/1993	XX	GW212X03B	D	D		D		D					D
4/27/1993	XX	GW212X04G	160	5		0.2 U		0.8					10
7/21/1993	XX	GW212X058	D	D		D		D					D
10/12/1993	XX	GW212X062	D	D		D		D					D
1/11/1994	XX	GW212X06I	100	I		0.2 U		I					5 U
5/21/1996	XX	GW212X097	61	1.6		0.2 U		0.24					10
11/26/1996	XX	GW212X0A5	D	D									
3/24/1997	XX	MW-212826-35513	F	F									
6/2/1997	XX	MW-212827-35583	59	1 U									
3/23/1998	XX	MW-212830-35877	72	1 U									
6/8/1998	XX	MW-212831-35954	44	1 U									
3/29/1999	XX	MW-212834-36248	74	1.2									
6/8/1999	XX	MW-212835-36319	60	1.7 U									
12/1/1999	XX	MW-212837-36495	55	1.2 U									
3/27/2000	XX	MW-212838-36612	53	1 U									
6/12/2000	XX	MW-212839-36689	45	1 U									
3/13/2002	XX	MW-212840-37328	59	2.4									
6/17/2002	XX	MW-212841-37424	33	1 U									
3/26/2003	XX	MW-212N37706	12	1 U									
6/25/2003	XX	MW-212N37797	9	1.4									
5/5/2004	XX	GW212X00B	48	0.5 U	4 U		0.1 U	0.15 U		20	0.002 U		
7/27/2004	XX	GW212X03J	D	D	D		D	D		D	D		
10/27/2004	XX	GW212X07F	D	D	D	D	D	D	D				
5/12/2005	XX	GW212X13G	101	2.3	4 U	0.2 U		0.32					
8/1/2005	XX	GW212X174	35	0.6 J	4 U	0.2 U	0.1 U	0.3 U					
9/20/2005	XX	GW212X1A2	I	I	I	I	I	I					
5/22/2006	XX	GW212X1EH	56	2.4	4 U	0.2 U		0.38					
7/25/2006	XX	GW212X1HE	48	2.5	4 U	0.2 U		3.1					
9/11/2006	XX	GW212X207	I	I	I	I		I					
5/14/2007	XX	GW212X23E	60	0.5 U	4 U	0.2 U		0.5 U					
7/24/2007	XX	GW212X27I	D	D	D	D		D					
9/10/2007	XX	GW212X2A8	D	D	D	D		D					
5/19/2008	XX	GW212X2E2	64	0.7 U	4 U	0.2 U		0.5 U					
7/29/2008	XX	GW212X2H6	D	D	D	D		D					
10/28/2008	XX	GW212X2JG	D	D	D	D		D					
4/13/2009	XX	GW212X334	132	4.7	4 U	0.2 U		0.72					
7/6/2009	XX	GW212X378	100	6.7	4 U	0.33		2.6					
10/26/2009	XX	GW212X3F3	D	D	D	D		D					
4/26/2010	XX	GW212X402	135	1.3 J	5	0.2 U		0.36					
7/19/2010	XX	GW212X436	D	D	D	D		D					
10/18/2010	XX	GW212X46A	D	D	D	D		D					
MW-216A													
11/12/1990	XX	MW-216AXX33189	160	1.8		0.2 U		1.2					1200
2/19/1991	XX	MW-216AXX33268	180	1 U		0.2 U		0.7	1 U				100
6/4/1991	XX	MW-216AXX33393	160	1.1		0.2 U		0.45					5

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(MW-216A)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
9/16/1991	XX	MW-216AXX33497	150	2.4		0.2 U		0.85					5
12/17/1991	XX	GW216A005	140	1.9		0.2 U		0.2 U					5 U
3/2/1992	XX	GW216A012	200	15		0.2 U		1.1					10
6/23/1992	XX	GW216A01I	170	2		0.2 U		0.4					10
8/17/1992	XX	GW216A02H	110	39		0.2 U		0.4 U					50
1/26/1993	XX	GW216A03C	130	1 U		0.2 U		0.7					10
4/27/1993	XX	GW216A042	100	2		0.2 U		0.2 U					5
7/21/1993	XX	GW216A04J	96	5		0.2 U		0.3					5
10/13/1993	XX	GW216A063	110	3		0.2 U		0.4					5 U
1/11/1994	XX	GW216A06J	150	3		0.2 U		0.4					5 U
5/21/1996	XX	GW216A098	91	1 U		0.2 U		0.15 U					5
11/25/1996	XX	GW216A0A6	85	1 U									
3/25/1997	XX	MW-216A809-35514	80	1 U									
6/2/1997	XX	MW-216A810-35583	136	1 U									
9/9/1997	XX	MW-216A811-35682	106	0.5 U									
12/3/1997	XX	MW-216A812-35767	124	1 U									
3/25/1998	XX	MW-216A813-35879	95	1 U									
6/11/1998	XX	MW-216A814-35957	97	1 U									
9/8/1998	XX	MW-216A815-36046	119	1 U									
12/14/1998	XX	MW-216A816-36143	112	1 U									
3/30/1999	XX	MW-216A817-36249	138	0.9									
6/9/1999	XX	MW-216A818-36320	118	1.7 U									
9/14/1999	XX	MW-216A819-36417	123	1.7 U									
12/2/1999	XX	MW-216A820-36496	109	1.2 U									
3/28/2000	XX	MW-216A821-36613	94	1 U									
6/13/2000	XX	MW-216A822-36690	140	1 U									
9/13/2000	XX	MW-216A823-36782	120	1 U									
12/12/2000	XX	MW-216A824-36872	79	1 U									
3/14/2001	XX	MW-216A825-36964	100	1 U									
6/19/2001	XX	MW-216A826-37061	120	1 U									
9/11/2001	XX	MW-216A827-37145	100	1 U									
12/12/2001	XX	MW-216A828-37237	90	1 U									
3/14/2002	XX	MW-216A829-37329	81	1 U									
6/18/2002	XX	MW-216A830-37425	150	1 U									
9/19/2002	XX	MW-216A831-37518	130	1 U									
12/10/2002	XX	MW-216A832-37600	130	1 U									
3/26/2003	XX	MW-216AN37706	93	1 U									
6/26/2003	XX	MW-216AN37798	80	1.2									
9/18/2003	XX	MW-216AN37882	96	1 U									
5/6/2004	XX	GW216AHA0	129	0.5 U	4 U	0.2 U	0.1 U	0.16	0.01 U				
7/26/2004	XX	GW216A057	111	1 J	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
7/26/2004	XD	GWDP3X055	108	0.5 U	4 U	0.2 U	0.1 U	0.44	0.01 U				
10/26/2004	XX	GW216A070	118	1.4 J	4 U	0.2 U	0.1 U	0.3 U	0.01 U				
5/10/2005	XX	GW216A131	115	0.5 J	4 U	0.2 U		0.3 U					
5/10/2005	XD	GWDP1X129	114	0.5 U	4 U	0.2 U		0.3 U					
7/27/2005	XX	GW216A169	117	0.5 U	4 U	0.2 U	0.1 U	0.3 U					
9/22/2005	XX	GW216A197	98	6.3	4 U	0.2 U	0.1 U	0.3 U					
5/23/2006	XD	GWDP5X1FC	146	1.9	4 U	0.2 U		0.51					
5/23/2006	XX	GW216A1E2	145	2	4 U	0.2 U		0.48					
7/25/2006	XX	GW216A1GJ	123	2.6	4 U	0.2 U		0.31					

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(MW-216A) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
9/12/2006	XD	GWDP4X1JH	114	2	4 U	0.2 U		0.43					
9/12/2006	XX	GW216A1JC	124	1.4 J	4 U	0.2 U		0.3 U					
5/15/2007	XX	GW216A22J	102	0.5 U	4 U	0.3		0.5 U					
5/15/2007	XD	GWDP5X243	100	0.6 J	4 U	0.37		0.5 U					
7/24/2007	XX	GW216A273	121	2.4	4 U	0.2 U		0.3 U					
9/10/2007	XX	GW216A29D	108	0.5 J	4 U	0.2 U		0.3 U					
9/10/2007	XD	GWDP3X29C	102	0.9 J	4 U	0.2 U		0.3 U					
5/20/2008	XX	GW216A2D7	104	0.7 U	4 U	0.2 U		0.3 U					
5/20/2008	XD	GWDP5X2EB	102	0.7 U	4 U	0.2 U		0.3 U					
7/28/2008	XX	GW216A2GB	120	1 J	4 U	0.2 U		0.5 U					
10/28/2008	XX	GW216A2J1	124	0.7 J	4 U	0.2 U		0.5 U					
4/14/2009	XX	GW216A329	113	1.2 J	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW216A36D	DE	DE	DE	DE		DE					
MW-216B													
11/12/1990	XX	MW-216BXX33189	140	1 U		0.2 U		0.3					70
2/19/1991	XX	MW-216BXX33288	80	1 U		0.2 U		0.3	1 U				50
6/4/1991	XD	MW-216BXD33393	96	5.6		0.2 U		0.2 U					5
6/4/1991	XX	MW-216BXX33393	110	1.8		0.2 U		0.2 U					5
9/16/1991	XD	MW-216BXD33497	92	1.1		0.2 U		0.38					5
9/16/1991	XX	MW-216BXX33497	70	1 U		0.2 U		0.2 U					5
12/17/1991	XX	GW216B007	63	1 U		0.2 U		0.2 U					5
12/17/1991	XD	GW216B00F	52	1.3		0.2 U		0.2 U					5 U
3/2/1992	XX	GW216B014	90	1		0.2 U		0.4					20
6/23/1992	XX	GW216B01J	71	2		0.2 U		0.2 U					15
8/17/1992	XX	GW216B02I	83	3		0.2 U		0.2 U					20
1/26/1993	XX	GW216B03D	71	1 U		0.2 U		0.2 U					10
4/27/1993	XX	GW216B043	63	1 U		0.2 U		0.2 U					10
7/21/1993	XX	GW216B050	64	1 U		0.2 U		0.2 U					5
10/13/1993	XD	GW216B066	120	2		0.2 U		0.2 U					5 U
10/13/1993	XX	GW216X064	120	2		0.2 U		0.2					5 U
1/11/1994	XX	GW216B070	110	1 U		0.2 U		0.2 U					5 U
1/11/1994	XD	GW216B071	100	1 U		0.2 U		0.2 U					5 U
5/21/1996	XX	GW216B099	91	1 U		0.2 U		0.15 U					10
11/25/1996	XX	GW216B0A7	60	1.1									
3/25/1997	XX	MW-216B810-35514	76										
6/2/1997	XX	MW-216B811-35583	104	1 U									
9/9/1997	XX	MW-216B812-35682	106	0.6									
12/3/1997	XX	MW-216B813-35767	109	1 U									
3/25/1998	XD	MW-216B815-35955	89	1 U									
3/25/1998	XX	MW-216B814-35879	86	1 U									
9/8/1998	XX	MW-216B816-36046	120	1 U									
12/14/1998	XX	MW-216B817-36143	148	1 U									
3/30/1999	XX	MW-216B818-36249	118	1.3									
6/9/1999	XX	MW-216B819-36320	101	1.1									
9/14/1999	XX	MW-216B820-36417	103	1.4									
12/2/1999	XX	MW-216B821-36496	77	1.5									
3/28/2000	XX	MW-216B822-36613	130	1.1									
6/13/2000	XX	MW-216B823-36690	94	1 U									
9/13/2000	XX	MW-216B824-36782	100	1.2									

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(MW-216B) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
12/12/2000	XX	MW-216B825-36872	78	1 U									
3/14/2001	XX	MW-216B826-36964	89	1 U									
6/19/2001	XX	MW-216B827-37061	110	1 U									
9/11/2001	XX	MW-216B828-37145	81	1									
12/12/2001	XX	MW-216B829-37237	49	1.2									
3/14/2002	XX	MW-216B830-37329	88	1 U									
6/18/2002	XX	MW-216B831-37425	100	1.3									
9/19/2002	XX	MW-216B832-37518	87	1.4									
12/10/2002	XX	MW-216B833-37600	110	1 U									
3/26/2003	XX	MW-216BN37706	76	1 U									
6/26/2003	XX	MW-216BN37798	63	2.4									
9/18/2003	XX	MW-216BN37882	97	1 U									
5/6/2004	XX	GW216B013	90	0.8 J	4 U	0.2 U	0.1 U	0.16	0.01 U				
5/6/2004	XD	GWDP1X017	94	0.7 J	4 U	0.2 U	0.1 U	0.21	0.01				
7/26/2004	XX	GW216B049	72	3.6	4 U	0.2 U	0.1 U	0.15 U	0.015				
10/26/2004	XX	GW216B064	68	1.6	4 U	0.2 U	0.1 U	0.48	0.014				
10/26/2004	XD	GWDP1X068	84	2.2	4 U	0.2 U	0.1 U	0.3 U	0.015				
5/10/2005	XX	GW216B125	55	1.8	4 U	0.2 U		0.3 U					
7/27/2005	XX	GW216B15D	105	1.8	4 U	0.2 U	0.1 U	0.47					
7/27/2005	XD	GWDP3X168	111	1.9	4 U	0.2 U	0.1 U	0.35					
9/22/2005	XX	GW216B18B	67	5.8	4 U	0.2 U	0.1 U	0.3 U					
5/23/2006	XX	GW216B1D6	187	7.4	4 U	6.1		0.63					
7/25/2006	XD	GWDP1X1G7	86	5.5	18	0.2 U		0.56					
7/25/2006	XX	GW216B1G3	88	6.5	19	0.2 U		1.2					
9/12/2006	XX	GW216B1IG	92	4.9	4 U	6.5		0.57					
5/15/2007	XX	GW216B223	81	5.6	9	0.34		0.5 U					
7/24/2007	XX	GW216B267	106	5	4 U	0.2 U		0.3 U					
7/24/2007	XD	GWDP1X26B	102	5.8	4 U	0.2 U		0.3 U					
9/10/2007	XX	GW216B28H	92	4	4 U	0.2 U		0.3 U					
5/20/2008	XX	GW216B2CB	157	3.2	4 U	0.2 U		0.3 U					
7/28/2008	XX	GW216B2FF	261	5.9	7	0.27		0.5 U					
7/28/2008	XD	GWDP1X2FJ	276	5.4	4 U	0.33		0.5 U					
10/28/2008	XX	GW216B2I5	139	6.3	4 U	0.21		0.51					
4/14/2009	XX	GW216B31D	113	3.4	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW216B35H	DE	DE	DE	DE		DE					
MW-216BR													
12/8/2009	XX	GW216B3GG	192	1.6 J	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW216B3IB	185	2.5	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW216B41F	174	0.8 J	4 U	0.2 U		0.3 U					
10/19/2010	XX	GW216B44J	188	0.7 U	4 U	0.2 U		0.3 U					
MW-223A													
11/12/1990	XX	MW-223AXX33189	110	1 U		0.2 U		0.2					7
2/19/1991	XX	MW-223AXX33288	F	F	F	F		F	F		F		F
6/3/1991	XX	MW-223AXX33392	90	1 U		0.2 U		0.2 U					5
9/16/1991	XX	MW-223AXX33497	96	1 U		0.2 U		0.2 U					5 U
12/17/1991	XX	GW223A008	F	F		F		F					F
3/2/1992	XX	GW223A016	F	F		F		F					F
6/23/1992	XX	GW223A020	80	1 U		0.2 U		0.2 U					5 U

SUMMARY REPORT

Inorganics (part 2 of 2)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-223A)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
8/17/1992	XX	GW223A02J	88	1		0.2 U		0.2 U					5 U
1/26/1993	XX	GW223A03E	F	F		F		F					F
4/27/1993	XX	GW223A044	81	1 U		0.2 U		0.8					5 U
7/21/1993	XD	GW223A056	74	1 U		0.2 U		0.2 U					5 U
7/21/1993	XX	GW223A05B	84	1 U		0.2 U		0.2 U					5 U
10/12/1993	XX	GW223X065	67	1		0.2 U		0.5					5
1/11/1994	XX	GW223A072	F	F		F		F					F
5/21/1996	XX	GW223A09B	105	1 U		0.2 U		0.15 U					5 U
11/25/1996	XX	GW223A0A8	83	1 U									
3/24/1997	XX	MW-223A811-35513	F	F									F
6/3/1997	XX	MW-223A812-35584	113	1 U									
9/10/1997	XX	MW-223A813-35683	108	0.5 U									
12/4/1997	XX	MW-223A814-35768	109	1 U									
6/11/1998	XX	MW-223A816-35957	98	1 U									
9/9/1998	XX	MW-223A817-36047	113	1 U									
12/15/1998	XX	MW-223A818-36144	151	1 U									
3/30/1999	XX	MW-223A819-36249	44	1.2									
6/9/1999	XX	MW-223A820-36320	127	1.7 U									
9/14/1999	XX	MW-223A821-36417	118	0.6									
12/2/1999	XX	MW-223A822-36496	120	1.2 U									
3/28/2000	XX	MW-223A823-36613	130	1 U									
6/13/2000	XX	MW-223A824-36690	130	1 U									
9/13/2000	XX	MW-223A825-36782	130	1 U									
12/12/2000	XX	MW-223A826-36872	93	1 U									
6/19/2001	XX	MW-223A827-37061	120	1.01									
9/11/2001	XX	MW-223A828-37145	100	1.2									
12/11/2001	XX	MW-223A829-37236	120	1 U									
3/14/2002	XX	MW-223A830-37329	91	1 U									
6/18/2002	XX	MW-223A831-37425	130	1 U									
9/19/2002	XX	MW-223A832-37518	97	1 U									
12/10/2002	XX	MW-223A833-37600	140	1 U									
3/25/2003	XD	MW-223AD37705	81	1 U									
3/25/2003	XX	MW-223AN37705	110	1 U									
6/26/2003	XX	MW-223AN37798	110	1.2									
9/18/2003	XX	MW-223AN37882	120	1 U									
5/5/2004	XX	GW223A014	112	0.5 U	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
7/28/2004	XD	GWDP1X04D	113	0.5 U	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
7/28/2004	XX	GW223A04A	120	0.5 J	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
10/25/2004	XX	GW223A065	118	1.4 J	4 U	0.2 U	0.1 U	0.49	0.01 U				
5/10/2005	XX	GW223A126	112	0.5 J	4 U	0.2 U		0.3 U					
5/10/2005	XD	GWDP3X130	114	0.5 U	4 U	0.2 U		0.3 U					
7/26/2005	XX	GW223A15E	117	0.5 U	4 U	0.2 U	0.1 U	0.3 U					
9/21/2005	XX	GW223A18C	123	3.4	4 U	0.2 U	0.1 U	0.3 U					
5/24/2006	XX	GW223A1D7	136	1.9	4 U	0.2 U		0.34					
5/24/2006	XD	GWDP1X1DA	126	1.2 J	4 U	0.2 U		0.59					
7/26/2006	XD	GWDP5X1I3	133	1.3 J	4 U	0.2 U		0.34					
7/26/2006	XX	GW223A1G4	128	2	4 U	0.2 U		0.45					
9/13/2006	XX	GW223A1IH	99	2.2	4 U	0.2 U		0.3 U					
9/13/2006	XD	GWDP5X20G	90	0.6 J	4 U	0.2 U		0.36					
5/15/2007	XX	GW223A224	110	3.2	4 U	0.25		0.5 U					

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Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
(MW-223A)													
5/15/2007	XD	GWDP1X227	117	1.1 J	4 U	0.31		0.5 U					
7/24/2007	XD	GWDP5X287	127	1.7	4 U	0.2 U		0.3 U					
7/24/2007	XX	GW223A268	36	2.6	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW223A28I	128	0.8 J	4 U	0.2 U		0.5 U					
5/20/2008	XD	GWDP1X2CF	121	1.4 J	4 U	0.2 U		0.3 U					
5/20/2008	XX	GW223A2CC	125	1.3 J	4 U	0.2 U		0.3 U					
7/30/2008	XD	GWDP5X2HF	121	0.7 J	4 U	0.2 U		1.3					
7/30/2008	XX	GW223A2FG	146	0.7 U	4 U	0.2 U		0.5 U					
10/28/2008	XX	GW223A2I6	137	0.7 U	4 U	0.2 U		0.5 U					
4/14/2009	XX	GW223A31E	229	1.2 J	4 U	0.2 U		0.5 U					
4/14/2009	XD	GWDP1X31H	226	1.2 J	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW223A35I	162	0.7 U	4 U	0.2 U		0.5 U					
10/27/2009	XD	GWDP4X3ED	171	0.9 J	4 U	0.2 U		0.3 U					
10/27/2009	XX	GW223A3DD	165	0.7 U	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW223A3IC	189	2.1	4 U	0.2 U		0.3 U					
4/27/2010	XD	GWDP1X3IF	169	1.4 J	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW223A41G	176	0.7 U	4 U	0.2 U		0.56					
10/19/2010	XD	GWDP1X453	214	0.7 U	4 U	0.2 U		0.35					
10/19/2010	XX	GW223A450	229	0.7 U	4 U	0.2 U		0.3 U					
MW-223B													
11/12/1990	XX	MW-223BXX33189	280	1 U		0.2 U		0.5					17
2/19/1991	XX	MW-223BXX33288	F	F	F	F		F	F		F		F
6/3/1991	XX	MW-223BXX33392	86	1 U		0.2 U		0.2 U					5
9/16/1991	XX	MW-223BXX33497	330	1.5		0.2 U		0.29					5 U
12/17/1991	XX	GW223B009	F	F		F		F					F
3/2/1992	XX	GW223B017	F	F		F		F					F
6/23/1992	XX	GW223B022	88	1 U		0.2 U		0.2 U					15
8/17/1992	XX	GW223B030	74	8		0.2 U		0.2 U					5
1/26/1993	XX	GW223B03F	F	F		F		F					F
4/27/1993	XX	GW223B045	120	1 U		0.2 U		0.2 U					10
7/21/1993	XX	GW223B05C	73	1		0.2 U		0.2 U					5
10/12/1993	XX	GW223B067	67	1 U		0.2 U		0.4					30
1/11/1994	XX	GW223B073	F	F		F		F					F
5/21/1996	XX	GW223B09C	102	1.1		0.2 U		0.15 U					15
11/25/1996	XX	GW223B0A9	76	1.2									
3/24/1997	XX	MW-223B812-35513	F	F									
6/3/1997	XX	MW-223B813-35584	112	1 U									
9/10/1997	XX	MW-223B814-35683	99	0.5 U									
12/4/1997	XX	MW-223B815-35768	113	1 U									
6/8/1998	XX	MW-223B817-35954	92	1 U									
9/9/1998	XX	MW-223B818-36047	102	1 U									
12/15/1998	XX	MW-223B819-36144	134	1 U									
3/30/1999	XX	MW-223B820-36249	128	1.5									
6/9/1999	XX	MW-223B821-36320	104	1.7 U									
9/14/1999	XX	MW-223B822-36417	109	1.7 U									
12/2/1999	XX	MW-223B823-36496	87	1.2 U									
3/28/2000	XX	MW-223B824-36613	120	2.7									
6/13/2000	XX	MW-223B825-36690	110	1.7									
9/13/2000	XX	MW-223B826-36782	110	1 U									

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(MW-223B)			Total Dissolved Solids	Organic Carbon	Total Suspended Solids	Tannin & Lignins (Tannic Acid)	Sulfide	Total Kjeldahl Nitrogen	Total Organic Halides	Alkalinity (CaCO3)	Cyanide	Total Coliform	Apparent Color
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	Colonies/100 mL	CU
12/12/2000	XX	MW-223B827-36872	90	1 U									
6/19/2001	XX	MW-223B828-37061	110	1 U									
9/11/2001	XX	MW-223B829-37145	97	2.6									
12/11/2001	XX	MW-223B830-37236	110	2.6									
3/14/2002	XX	MW-223B831-37329	80	1 U									
6/18/2002	XX	MW-223B832-37425	120	1 U									
9/19/2002	XX	MW-223B833-37518	100	1 U									
12/10/2002	XX	MW-223B834-37600	110	1 U									
3/25/2003	XX	MW-223BN37705	81	1 U									
6/26/2003	XX	MW-223BN37798	93	1									
6/26/2003	XD	MW-223BD37798	87	1.4									
9/18/2003	XX	MW-223BN37882	97	1 U									
5/5/2004	XX	GW223B00A	109	0.5 J	4 U		0.1 U	0.15 U		101	0.002 U		
7/27/2004	XX	GW223B03I	114	0.5 U	4 U		0.1 U	0.24		92	0.002 U		
10/25/2004	XX	GW223B07E	127	3.3	4 U	0.2 U	0.1 U	0.3 U	0.01 U				
5/10/2005	XX	GW223B13F	120	5.7	4 U	0.2 U		0.3 U					
7/26/2005	XX	GW223B173	127	0.5 U	4 U	0.2 U	0.1 U	0.3 U					
9/21/2005	XX	GW223B1A1	129	1.3 J	4 U	0.2 U	0.1 U	0.3 U					
5/24/2006	XX	GW223B1EG	137	1.6	4 U	0.2 U		0.34					
7/26/2006	XX	GW223B1HD	142	1.7	4 U	0.2 U		0.53					
9/13/2006	XX	GW223B206	93	2.2	4 U	0.2 U		0.33					
5/15/2007	XX	GW223B23D	117	3.3	4 U	0.37		0.5 U					
7/24/2007	XX	GW223B27H	147	2.7	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW223B2A7	141	0.5 J	4 U	0.2 U		2.5 U					
5/20/2008	XX	GW223B2E1	150	2.2	4 U	0.2 U		0.3 U					
7/30/2008	XX	GW223B2H5	158	0.7 U	4 U	0.2 U		0.5 U					
10/28/2008	XX	GW223B2JF	163	0.8 J	4 U	0.2 U		0.5 U					
4/14/2009	XX	GW223B333	145	3.4	4 U	0.2 U		0.5 U					
7/7/2009	XD	GWDP4X36I	171	0.7 U	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW223B377	176	0.7 U	4 U	0.2 U		0.5 U					
10/27/2009	XX	GW223B3F2	166	0.8 J	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW223B401	185	0.8 J	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW223B435	173	2.6	4 U	0.2 U		1.5					
7/20/2010	XD	GWDP1X41J	173	2.7	4 U	0.2 U		1.7					
10/19/2010	XX	GW223B469	195	0.8 J	4 U	0.2 U		0.33					
MW-227													
11/13/1990	XX	MW-227XX33190	210	3.3		0.2		0.3					500
2/19/1991	XX	MW-227XX33288	F	F	F	F		F	F		F		F
6/3/1991	XX	MW-227XX33392	160	1.5		0.35		0.32					5
9/16/1991	XX	MW-227XX33497	120	14		0.2 U		0.29					5 U
12/17/1991	XX	GW227X00A	120	1 U		0.2 U		0.2 U					20
3/2/1992	XX	GW227X018	F	F	F	F		F	F		F		F
6/23/1992	XX	GW227X023	160	1 U		0.2 U		1					10
8/17/1992	XX	GW227X031	140	42		0.2 U		0.2 U					5
1/26/1993	XX	GW227X03G	F	F		F		F					F
4/27/1993	XX	GW227X047	130	3		0.2 U		0.4					10
7/21/1993	XX	GW227X05E	120	4		0.2 U		0.2 U					5 U
10/12/1993	XX	GW227X068	140	9		0.2 U		0.3					30
1/11/1994	XX	GW227X074	F	F		F		F					F

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(MW-227)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
5/21/1996	XX	GW227X09D	117	1.6		0.2 U		0.15 U					45
11/25/1996	XX	GW227X0AA	95	1.4									
3/24/1997	XX	MW-227813-35513	F	F									
6/3/1997	XX	MW-227814-35584	137	1 U									
9/9/1997	XX	MW-227815-35682	104	0.9									
12/4/1997	XX	MW-227816-35768	102	1 U									
3/25/1998	XX	MW-227817-35879	99	1 U									
6/8/1998	XX	MW-227818-35954	113	1 U									
9/9/1998	XX	MW-227819-36047	131	1 U									
12/15/1998	XX	MW-227820-36144	147	1 U									
3/29/1999	XX	MW-227821-36248	104	1.1									
6/8/1999	XX	MW-227822-36319	112	1.7 U									
9/13/1999	XX	MW-227823-36416	140	0.5									
12/1/1999	XX	MW-227824-36495	109	1.2 U									
3/27/2000	XX	MW-227825-36612	120	1 U									
6/12/2000	XX	MW-227826-36689	110	1 U									
9/12/2000	XX	MW-227827-36781	140	1 U									
12/11/2000	XX	MW-227828-36871	80	1 U									
3/12/2001	XX	MW-227829-36962	110	1 U									
6/18/2001	XX	MW-227830-37060	100	1 U									
9/10/2001	XX	MW-227831-37144	90	1 U									
12/12/2001	XX	MW-227832-37237	84	1 U									
3/14/2002	XX	MW-227833-37329	85	1 U									
6/17/2002	XX	MW-227834-37424	78	1 U									
9/18/2002	XX	MW-227835-37517	83	1 U									
12/9/2002	XX	MW-227836-37599	89	1 U									
3/25/2003	XX	MW-227N37705	74	1 U									
6/25/2003	XX	MW-227N37797	59	1.1									
9/18/2003	XX	MW-227N37882	100	1 U									
5/5/2004	XX	GW227X015	98	0.5 U	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
7/26/2004	XX	GW227X04B	95	0.5 U	4 U	0.2 U	0.1 U	0.15	0.01 U				
10/26/2004	XX	GW227X066	100	2.4	4 U	0.2 U	0.1 U	0.3 U	0.012				
5/9/2005	XX	GW227X127	113	0.5 J	4 U	0.2 U		0.3 U					
7/27/2005	XX	GW227X15F	113	0.7 J	4 U	0.2 U	0.1 U	0.3 U					
9/21/2005	XX	GW227X18D	108	1.3 J	4 U	0.2 U	0.1 U	0.3 U					
5/24/2006	XX	GW227X1D8	116	2.2	4 U	0.2 U		0.42					
7/26/2006	XX	GW227X1G5	115	1.5	4 U	0.2 U		0.37					
9/13/2006	XX	GW227X1II	74	0.5 J	4 U	0.2 U		0.55					
5/15/2007	XX	GW227X225	95	2.2	4 U	0.45		0.5 U					
7/24/2007	XX	GW227X269	120	3.7	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW227X28J	112	1.1 J	4 U	0.2 U		0.5 U					
5/20/2008	XX	GW227X2CD	104	2.9	4	0.2 U		0.3 U					
7/30/2008	XX	GW227X2FH	116	1.2 J	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW227X2I7	98	1.6 J	4 U	0.2 U		0.5 U					
4/14/2009	XX	GW227X31F	122	2.8	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW227X35J	111	0.7 U	4 U	0.2 U		0.5 U					
10/27/2009	XX	GW227X3DE	105	1.7 J	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW227X3ID	99	6.9	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW227X41H	100	0.7 U	4 U	0.2 U		0.3 U					
10/19/2010	XX	GW227X451	115	0.7 U	4 U	0.2 U		0.3 U					

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(MW-301)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
MW-301													
11/25/1996	XD	GWDP1X0AC	80	1 U									
11/25/1996	XX	GW301X0B0	83	1 U									
3/24/1997	XX	MW-301815-35513	F	F									
6/3/1997	XX	MW-301816-35584	116	1 U									
9/9/1997	XX	MW-301817-35682	97	0.9									
12/3/1997	XX	MW-301818-35767	92	1 U									
3/23/1998	XX	MW-301819-35877	106	1 U									
6/8/1998	XX	MW-301820-35954	83	1 U									
9/9/1998	XX	MW-301821-36047	112	1 U									
12/14/1998	XX	MW-301822-36143	124	1 U									
3/29/1999	XX	MW-301823-36248	97	1									
6/8/1999	XX	MW-301824-36319	120	1.7 U									
9/13/1999	XX	MW-301825-36416	111	0.6									
12/1/1999	XX	MW-301826-36495	99	1.2 U									
3/27/2000	XX	MW-301827-36612	100	1 U									
6/12/2000	XX	MW-301828-36689	94	1 U									
9/12/2000	XX	MW-301829-36781	130	1 U									
6/18/2001	XX	MW-301830-37060	100	1 U									
9/10/2001	XX	MW-301831-37144	87	1 U									
12/11/2001	XX	MW-301832-37236	96	1 U									
3/13/2002	XX	MW-301833-37328	88	1 U									
6/17/2002	XX	MW-301834-37424	78	1 U									
9/18/2002	XX	MW-301835-37517	79	1 U									
3/25/2003	XX	MW-301N37705	70	1 U									
6/25/2003	XX	MW-301N37797	66	1.3									
9/17/2003	XX	MW-301N37881	78	1 U									
9/17/2003	XD	MW-301D37881	77	1 U									
5/5/2004	XD	GWDP3X01J	96	0.5 J	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
5/5/2004	XX	GW301X016	100	0.5 J	4 U	0.2 U	0.1 U	0.31 U	0.01 U				
7/26/2004	XX	GW301X04C	101	0.5 U	4 U	0.2 U	0.1 U	0.15 U	0.01 U				
10/25/2004	XX	GW301X067	117	2.1	4 U	0.2 U	0.1 U	0.3 U	0.01 U				
5/9/2005	XX	GW301X128	113	4.2	4 U	0.2 U		0.3 U					
8/1/2005	XX	GW301X15G	108	0.5 U	4 U	0.2 U	0.1 U	0.34					
9/22/2005	XX	GW301X18E	115	1.4 J	4 U	0.2 U	0.1 U	0.3 U					
5/22/2006	XX	GW301X1D9	122	1.9	5	0.2 U		0.39					
7/24/2006	XX	GW301X1G6	109	1.3 J	4 U	0.2 U		0.6					
9/11/2006	XX	GW301X1IJ	104	2.1	6	0.2 U		0.37					
5/14/2007	XX	GW301X226	124	1.3 J	4	0.2 U		0.5 U					
7/23/2007	XX	GW301X26A	110	1.7	18	0.2 U		0.3 U					
9/10/2007	XX	GW301X290	144	0.9 J	4 U	0.2 U		0.3 U					
5/19/2008	XX	GW301X2CE	114	2	4 U	0.2 U		0.5 U					
7/30/2008	XX	GW301X2FI	121	1.3 J	5	0.2 U		0.5 U					
10/28/2008	XX	GW301X2I8	125	0.7 U	4 U	0.21		0.5 U					
4/15/2009	XX	GW301X31G	160	5.7	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW301X360	118	1.2 J	6	0.2 U		0.5 U					
10/26/2009	XX	GW301X3DF	123	0.7 U	7	0.2 U		0.3 U					
4/26/2010	XX	GW301X3IE	117	1.9 J	21	0.2 U		0.3 U					
7/19/2010	XX	GW301X41I	109	0.7 U	8	0.2 U		0.3 U					

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(MW-301) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
10/19/2010	XX	GW301X452	133	0.7 U	4 U	0.2 U		0.3 U					
MW-302													
6/23/1992	XX	GW302X027	100	3		0.2 U		0.7					5
8/17/1992	XX	GW302X032	100	4		0.2 U		0.3					10
8/17/1992	XD	GW302X035	100	5		0.2 U		0.3					5
1/26/1993	XX	GW302X03H	92	1 U	4 U	0.2	0.1 U	0.3		137	0.002 U		5
4/27/1993	XX	GW302X048	92	1 U		0.2 U		0.2 U					5 U
7/21/1993	XX	GW302X05F	82	5		0.2 U		0.2					5
10/12/1993	XX	GW302X069	92	4		0.2 U		0.2 U					5
1/11/1994	XX	GW302X075	160	1 U		0.2 U		0.2					5
5/21/1996	XX	GW302X09E	!	!		!		!					!
11/26/1996	XX	GW302X0AB	153	1 U									
3/26/1997	XX	MW-302827-35515	126	1 U									
6/3/1997	XX	MW-302828-35584	167	1 U									
9/10/1997	XX	MW-302829-35683	210	0.9									
12/4/1997	XX	MW-302830-35768	187	1 U									
3/25/1998	XX	MW-302831-35879	189	1 U									
6/8/1998	XX	MW-302832-35954	167	1 U									
9/9/1998	XX	MW-302833-36047	197	1 U									
12/15/1998	XX	MW-302834-36144	254	1.9									
3/30/1999	XX	MW-302835-36249	200	1.3									
6/9/1999	XX	MW-302836-36320	196	0.7									
9/13/1999	XX	MW-302837-36416	208	1.1									
12/1/1999	XX	MW-302838-36495	206	0.8									
3/27/2000	XX	MW-302839-36612	180	1.4									
6/13/2000	XX	MW-302840-36690	170	1 U									
9/12/2000	XX	MW-302841-36781	240	1.3									
12/11/2000	XX	MW-302842-36871	190	1 U									
3/12/2001	XX	MW-302843-36962	180	1 U									
6/18/2001	XX	MW-302844-37060	180	1.03									
9/10/2001	XX	MW-302845-37144	180	1 U									
12/11/2001	XX	MW-302846-37236	210	1 U									
3/13/2002	XX	MW-302847-37328	200	1 U									
6/17/2002	XX	MW-302848-37424	170	1.4									
9/18/2002	XX	MW-302849-37517	190	1 U									
12/9/2002	XX	MW-302850-37599	20	1 U									
3/25/2003	XX	MW-302N37705	160	1.1									
6/25/2003	XX	MW-302N37797	150	2									
9/17/2003	XX	MW-302N37881	190	1.3									
5/6/2004	XX	GW302X009	197	0.5 U	10		0.1 U	0.22		143	0.002 U		
7/27/2004	XX	GW302XHD1	180	0.8 J	4 U		0.1 U	0.16		137	0.002 U		
10/25/2004	XX	GW302X07C	188	1.5	4 U	0.2 U	0.1 U	0.52	0.01 U				
5/10/2005	XX	GW302X13D	192	2.7	5	0.2 U		0.3 U					
7/27/2005	XX	GW302X171	199	1.3 J	4	0.2 U	0.1 U	0.3 U					
9/19/2005	XX	GW302X19J	227	2.3	60	0.2 U	0.1 U	0.3 U					
5/23/2006	XX	GW302X1EE	208	3.3	18	0.2 U		0.85					
7/24/2006	XX	GW302X1HB	261	1.7	21	0.2 U		0.37					
9/12/2006	XX	GW302X204	258	1.1 J	4 U	0.2 U		0.49					
5/14/2007	XX	GW302X23B	198	3.4	4 U	0.2 U		0.5 U					

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(MW-302) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
7/25/2007	XX	GW302X27F	190	1 J	4 U	0.2 U		0.3 U					
9/10/2007	XX	GW302X2A5	DE	DE	DE	DE		DE					
MW-302R													
5/20/2008	XX	GW302X2DJ	148	2.1	4	0.2 U		0.3 U					
7/29/2008	XX	GW302X2H3	176	1.2 J	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW302X2JD	201	1.3 J	4 U	0.2 U		0.5 U					
4/13/2009	XX	GW302X331	145	3.1	4 U	0.2 U		0.5 U					
7/6/2009	XX	GW302X375	144	1.2 J	4 U	0.2 U		0.5 U					
10/27/2009	XX	GW302X3F0	306	1.5 J	4 U	0.2 U		0.3 U					
4/26/2010	XX	GW302X3JJ	78	1 J	4 U	0.2 U		0.3 U					
7/19/2010	XX	GW302X433	318	0.8 J	4 U	0.2 U		0.3 U					
10/18/2010	XX	GW302X467	327	0.9 J	4 U	0.2 U		0.3 U					
MW-303													
11/26/1996	XX	GW303X0B1	46	1 U									
3/26/1997	XX	MW-303828-35515	36	1 U									
6/2/1997	XX	MW-303829-35583	66	1 U									
9/8/1997	XX	MW-303830-35681	62	0.5 U									
12/3/1997	XX	MW-303831-35767	62	1 U									
3/25/1998	XX	MW-303832-35879	47	1 U									
6/9/1998	XX	MW-303833-35955	49	1 U									
9/8/1998	XX	MW-303834-36046	53	1 U									
12/14/1998	XX	MW-303835-36143	60	1 U									
3/29/1999	XX	MW-303836-36248	110	1.2									
6/8/1999	XX	MW-303837-36319	68	1.7 U									
9/13/1999	XX	MW-303838-36416	61	0.5									
12/1/1999	XX	MW-303839-36495	47	1.2 U									
3/27/2000	XX	MW-303840-36612	56	1 U									
6/12/2000	XX	MW-303841-36689	42	1 U									
9/13/2000	XX	MW-303842-36782	52	1 U									
12/11/2000	XX	MW-303843-36871	19	1 U									
3/13/2001	XX	MW-303844-36963	37	1 U									
6/19/2001	XX	MW-303845-37061	57	1 U									
9/11/2001	XX	MW-303846-37145	34	1 U									
12/12/2001	XX	MW-303847-37237	56	1 U									
3/13/2002	XX	MW-303848-37328	32	1 U									
6/17/2002	XX	MW-303849-37424	23	1 U									
9/18/2002	XX	MW-303850-37517	15	1 U									
12/9/2002	XX	MW-303851-37599	38	1.2									
3/26/2003	XX	MW-303N37706	17	1 U									
6/25/2003	XX	MW-303N37797	11	1.3									
9/17/2003	XX	MW-303N37881	25	1 U									
5/6/2004	XX	GW303X00C	62	0.5 U	4 U		0.1 U	0.15 U		23	0.002 U		
7/28/2004	XX	GW303X040	50	0.5 U	4 U		0.1 U	0.15 U		24	0.002 U		
10/26/2004	XX	GW303X07G	47	1.1 J	5	0.2 U	0.1 U	0.62	0.01 U				
10/26/2004	XD	GWDP3X06J	60	1.3 J	8	0.2 U	0.1 U	0.3 U	0.01 U				
5/11/2005	XX	GW303X13H	59	0.8 J	4 U	0.2 U		0.3 U					
8/1/2005	XD	GWDP1X15H	45	0.7 J	4 U	0.2 U	0.1 U	0.3 U					
8/1/2005	XX	GW303X175	40	0.5 U	4 U	0.2 U	0.1 U	0.3 U					

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(MW-303) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
9/19/2005	XX	GW303X1A3	44	1.1 J	4 U	0.2 U	0.1 U	0.3 U					
5/23/2006	XX	GW303X1EI	68	1.4 J	4 U	0.2 U		0.3 U					
7/24/2006	XD	GWDP4X1H4	51	1.5	4 U	0.2 U		0.34					
7/24/2006	XX	GW303X1HF	47	1 J	4 U	0.2 U		0.37					
9/12/2006	XX	GW303X208	35	1 J	4 U	0.2 U		0.3 U					
5/14/2007	XX	GW303X23F	67	1.8	4 U	0.2 U		0.66					
7/25/2007	XX	GW303X27J	49	1.3 J	4 U	0.2 U		0.3 U					
7/25/2007	XD	GWDP4X278	55	0.9 J	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW303X2A9	67	2.2	4 U	0.2 U		0.5 U					
9/11/2007	XD	GWDP1X291	57	2.2	4 U	0.2 U		0.5 U					
5/19/2008	XX	GW303X2E3	65	1.1 J	4 U	0.2 U		0.5 U					
7/29/2008	XD	GWDP4X2GG	67	1.4 J	4 U	0.2 U		0.5 U					
7/29/2008	XX	GW303X2H7	65	0.7 J	4 U	0.2 U		0.66					
10/27/2008	XD	GWDP3X2J0	71	1 J	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW303X2JH	81	1 J	4 U	0.2 U		0.5 U					
4/13/2009	XX	GW303X335	120	1.8 J	4 U	0.2 U		1 U					
7/6/2009	XX	GW303X379	115	1.9 J	4 U	0.2 U		2 U					
7/6/2009	XD	GWDP3X36C	115	2.1	4 U	0.2 U		1 U					
10/28/2009	XX	GW303X3F4	103	1.1 J	4 U	0.2 U		0.3 U					
4/26/2010	XX	GW303X403	108	1.7 J	4 U	0.2 U		0.3 U					
7/19/2010	XX	GW303X437	115	0.7 U	4 U	0.2 U		0.3 U					
7/19/2010	XD	GWDP4X42G	117	0.7 U	4 U	0.2 U		0.51					
10/18/2010	XX	GW303X46B	111	0.7 U	6	0.2 U		0.3 U					
MW-304A													
7/29/2004	XX	GW304AHD0	130	0.5 U	4 U			0.15 U	0.01 U		0.002 U	TNTC	1 U
10/27/2004	XX	GW304A07B	95	4	4 U			0.3 U	0.01 U		0.002 U	84	1 U
5/11/2005	XX	GW304A13C	63	0.5 J	4 U	0.2 U		0.3 U					
7/28/2005	XX	GW304A170	61	0.7 J	4 U	0.2 U	0.1 U	0.3 U					
9/19/2005	XX	GW304A19I	75	0.7 J	4 U	0.2 U	0.1 U	0.32					
5/24/2006	XX	GW304A1ED	92	1.2 J	4 U	0.2 U		0.44					
7/25/2006	XX	GW304A1HA	79	1.2 J	12	0.2 U		0.41					
9/12/2006	XX	GW304A203	70	0.9 J	4 U	0.2 U		0.3 U					
5/15/2007	XX	GW304A23A	59	1.5	17	0.45		0.5 U					
7/24/2007	XX	GW304A27E	91	3.3	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW304A2A4	89	0.9 J	4 U	0.2 U		0.5 U					
5/20/2008	XX	GW304A2DI	55	2.3	4 U	0.2 U		0.3 U					
7/29/2008	XX	GW304A2H2	75	2	4 U	0.2 U		1 U					
10/27/2008	XX	GW304A2JC	93	1.1 J	4 U	0.2 U		0.5 U					
4/13/2009	XX	GW304A330	83	1.2 J	4 U	0.2 U		1 U					
7/6/2009	XX	GW304A374	68	0.7 U	4 U	0.2 U		2 U					
10/27/2009	XX	GW304A3EJ	83	1.8 J	4 U	0.2 U		0.3 U					
4/26/2010	XX	GW304A3JI	54	0.7 U	4 U	0.2 U		0.3 U					
7/19/2010	XX	GW304A432	68	0.7 U	4 U	0.2 U		0.3 U					
10/18/2010	XX	GW304A466	70	0.7 U	259	0.2 U		0.3 U					
MW-401A													
7/29/2004	XX	GW401A059	87	0.5 U	4 U			0.3	0.01 U		0.002 U	TNTC	1 U
10/27/2004	XD	GWDP4X075	68	0.5 J	4			0.32	0.01 U		0.002 U	26	1 U
10/27/2004	XX	GW401A071	68	2	4 U			0.53	0.022		0.002 U	16	1 U

SUMMARY REPORT

Inorganics (part 2 of 2)

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Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
(MW-401A)													
5/10/2005	XX	GW401A132	75	0.5 U	4 U	0.2 U		0.3 U					
7/28/2005	XD	GWDP4X16E	81	0.5 U	4 U	0.2 U	0.1 U	0.3 U					
7/28/2005	XX	GW401A16A	82	1 J	4 U	0.2 U	0.1 U	0.3 U					
9/21/2005	XX	GW401A198	80	2.1	4 U	0.2 U	0.1 U	0.3 U					
5/23/2006	XX	GW401A1E3	100	0.8 J	4 U	0.2 U		0.39					
7/25/2006	XX	GW401A1H0	79	1.1 J	4 U	0.2 U		0.43					
9/12/2006	XX	GW401A1JD	74	6.3	4 U	0.2 U		0.34					
5/14/2007	XX	GW401A230	89	6.1	4 U	0.2 U		0.5 U					
7/24/2007	XX	GW401A274	104	2.3	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW401A29E	86	0.5 U	4 U	0.2 U		0.5 U					
5/20/2008	XX	GW401A2D8	116	3.3	4 U	0.2 U		0.49					
7/28/2008	XX	GW401A2GC	95	2.1	4 U	0.41		0.5 U					
10/27/2008	XX	GW401A2J2	88	0.8 J	4 U	0.2 U		0.5 U					
4/13/2009	XX	GW401A32A	97	3.5	4 U	0.2 U		1 U					
7/7/2009	XX	GW401A36E	85	1.5 J	4 U	0.2 U		0.5 U					
10/28/2009	XX	GW401A3E9	91	1.1 J	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW401A3J8	79	2.1	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW401A42C	88	0.7 U	4 U	0.2 U		0.4					
10/20/2010	XX	GW401A45G	89	0.7 U	4 U	0.2 U		0.3 U					
MW-401B													
7/29/2004	XX	GW401B05A	346	3.3	4 U			0.24	0.034		0.002 U	103	10
7/29/2004	XD	GWDP4X05D	335	2.8	4 U			0.15 U	0.042		0.002 U	73	10
10/27/2004	XX	GW401B072	409	4.6	11			0.38	0.048		0.002 U	25	100
5/10/2005	XD	GWDP4X136	327	3	35	3.6		0.3 U					
5/10/2005	XX	GW401B133	307	3.2	36	3.6		0.3 U					
7/27/2005	XX	GW401B16B	387	3.3	12	0.65	0.1 U	0.3 U					
9/21/2005	XX	GW401B199	488	4.6	14	0.81	0.1 U	0.36					
9/21/2005	XD	GWDP4X19C	471	4.9	15	0.76	0.1 U	0.3 U					
5/23/2006	XX	GW401B1E4	312	2.7	4 U	0.2 U		0.48					
5/23/2006	XD	GWDP4X1E7	307	4	6	0.2 U		0.4					
7/25/2006	XX	GW401B1H1	305	3	4 U	0.2 U		0.68					
9/12/2006	XD	GWDP3X1JB	292	2.6	4 U	1.7		0.38					
9/12/2006	XX	GW401B1JE	295	4.4	4 U	2		0.45					
5/14/2007	XD	GWDP4X234	231	2.2	4	0.22		0.5 U					
5/14/2007	XX	GW401B231	233	3.4	5	0.2		0.5 U					
7/24/2007	XX	GW401B275	275	4.3	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW401B29F	292	3.3	5	0.2 U		0.5 U					
9/11/2007	XD	GWDP4X29I	299	2	4	0.28		0.5 U					
5/20/2008	XX	GW401B2D9	197	1.6 J	4 U	0.2 U		0.3 U					
5/20/2008	XD	GWDP4X2DC	193	1.5 J	4 U	0.2 U		0.3 U					
7/28/2008	XX	GW401B2GD	257	2.8	4 U	0.2 U		0.5 U					
10/27/2008	XD	GWDP4X2J6	250	3.8	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW401B2J3	243	3.7	4 U	0.2 U		0.5 U					
4/13/2009	XD	GWDP4X32E	188	4.8	4 U	0.2 U		0.5 U					
4/13/2009	XX	GW401B32B	178	2.2	4 U	0.2 U		3.2					
7/7/2009	XX	GW401B36F	185	3.6	4 U	0.2 U		0.5 U					
10/28/2009	XD	GWDP3X3E7	222	1.8 J	4 U	0.2 U		0.3 U					
10/28/2009	XX	GW401B3EA	220	2.4	4 U	0.2 U		0.34					
4/27/2010	XX	GW401B3J9	142	1.3 J	4 U	0.2 U		0.3 U					

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(MW-401B) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
4/27/2010	XD	GWDP4X3JC	150	2.4	4 U	0.2 U		0.3 U					
7/20/2010	XD	GWDP3X42A	212	0.8 J	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW401B42D	208	0.8 J	4 U	0.22		0.57					
10/20/2010	XX	GW401B45H	204	0.7 J	4 U	0.47		0.3 U					
10/20/2010	XD	GWDP4X460	209	0.7 J	4 U	0.25		0.3 U					
MW-402A													
7/29/2004	XX	GW402A05B	75	0.5 U	4 U			0.15 U	0.01 U		0.002 U	6	1 U
10/27/2004	XX	GW402A073	67	0.7 J	4 U			0.3 U	0.01 U		0.002 U	2	1 U
5/11/2005	XX	GW402A134	81	2	4 U	0.2 U		0.3					
8/1/2005	XX	GW402A16C	78	0.5 U	4 U	0.2 U	0.1 U	1					
9/21/2005	XX	GW402A19A	78	2.2	4 U	0.2 U	0.1 U	0.3 U					
5/23/2006	XX	GW402A1E5	89	2.2	4 U	0.2 U		0.3 U					
7/26/2006	XX	GW402A1H2	80	1.6	4 U	0.2 U		0.3 U					
9/12/2006	XX	GW402A1JF	66	1.6	4 U	0.2 U		0.82					
5/15/2007	XX	GW402A232	73	5	4 U	0.24		0.5 U					
7/25/2007	XX	GW402A276	76	1.3 J	4 U	0.2 U		0.3 U					
9/12/2007	XX	GW402A29G	90	0.5 U	4 U	0.2 U		0.3 U					
5/20/2008	XX	GW402A2DA	76	1.9 J	4 U	0.2 U		0.3 U					
7/28/2008	XX	GW402A2GE	87	1.8 J	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW402A2J4	83	1.4 J	4 U	0.2 U		0.5 U					
4/14/2009	XX	GW402A32C	94	8.1	4 U	0.2 U		0.5 U					
7/8/2009	XX	GW402A36G	77	0.7 U	4 U	0.2 U		0.5 U					
10/28/2009	XX	GW402A3EB	85	1.5 J	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW402A3JA	58	1.6 J	4 U	0.2 U		0.3 U					
7/21/2010	XX	GW402A42E	87	0.7 U	4 U	0.2 U		0.34					
10/20/2010	XX	GW402A45I	89	0.7 U	4 U	0.2 U		0.3 U					
MW-402B													
7/29/2004	XX	GW402B05C	96	0.5 U	4 U			0.21	0.01 U		0.002 U	216	1 U
10/27/2004	XX	GW402B074	82	2.8	5			0.4	0.01 U		0.002 U	5	1 U
5/11/2005	XX	GW402B135	101	0.9 J	4 U	0.2 U		0.4					
8/1/2005	XX	GW402B16D	88	1 J	4 U	0.2 U	0.1 U	0.3 U					
9/21/2005	XX	GW402B19B	95	2.1	4 U	0.2 U	0.1 U	0.3 U					
9/21/2005	XD	GWDP3X196	94	2.2	4 U	0.2 U	0.1 U	0.3 U					
5/23/2006	XX	GW402B1E6	116	0.8 J	4 U	0.2 U		0.45					
7/26/2006	XX	GW402B1H3	97	0.9 J	4 U	0.2 U		0.3 U					
9/12/2006	XX	GW402B1JG	84	0.5 J	4 U	0.2 U		0.3 U					
5/15/2007	XX	GW402B233	82	5.2	4 U	0.26		0.5 U					
7/25/2007	XX	GW402B277	90	1.6	4 U	0.2 U		0.3 U					
9/12/2007	XX	GW402B29H	101	0.7 J	4 U	0.2 U		0.3 U					
5/20/2008	XX	GW402B2DB	93	4.4	4 U	0.2 U		0.3 U					
7/28/2008	XX	GW402B2GF	124	0.8 J	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW402B2J5	89	0.9 J	4 U	0.2 U		0.5 U					
4/14/2009	XX	GW402B32D	98	2.5	4 U	0.2 U		0.5 U					
7/8/2009	XX	GW402B36H	89	0.8 J	4 U	0.2 U		0.5 U					
10/28/2009	XX	GW402B3EC	93	1.7 J	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW402B3JB	64	3.5	4 U	0.2 U		0.3 U					
7/21/2010	XX	GW402B42F	93	0.7 U	4 U	0.2 U		0.38					
10/20/2010	XX	GW402B45J	102	0.7 U	4 U	0.2 U		0.3 U					

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(DP-4) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
DP-4													
1/30/2004	XX	GWDP4X039	575	8.1	18					301			
5/6/2004	XX	GWXXXX00D	433	6.2	84	1.1	0.1 U	0.63	0.061				
7/26/2004	XX	GWXXXX041	253	3.5	6	0.55	0.1 U	0.26	0.027				
10/26/2004	XX	GWXXXX07H	248	3.3	4 U	0.37	0.1 U	0.39	0.018				
5/9/2005	XX	GWXXXX13I	262	2.9	5	0.4		0.3 U					
8/1/2005	XX	GWXXXX176	235	2.5	26	0.24	0.1 U	0.3 U					
9/20/2005	XX	GWXXXX1A4	229	2.8	11	0.4	0.1 U	0.74					
5/22/2006	XX	GWXXXX1EJ	189	2.6	258	0.23		0.59					
7/24/2006	XX	GWXXXX1HG	200	2.2	192	0.2 U		1.1					
9/11/2006	XX	GWXXXX209	191	2.5	40	0.2 U		0.69					
5/14/2007	XX	GWXXXX23G	210	6.3	391	0.35		0.69					
7/23/2007	XX	GWXXXX280	223	4.1	363	0.2 U		0.41					
9/10/2007	XX	GWXXXX2AA	234	3.1	137	0.2 U		0.3 U					
5/19/2008	XX	GWXXXX2E4	237	2.2	443	0.21		0.92					
7/29/2008	XX	GWXXXX2H8	229	3.5	157	0.21		0.5 U					
10/27/2008	XX	GWXXXX2JI	300	2.2	394	0.2 U		0.5 U					
4/13/2009	XX	GWXXXX336	292	2	1084	0.21		110					
7/6/2009	XX	GWXXXX37A	274	2.7	116	0.21		20					
10/26/2009	XX	GWXXXX3F5	225	3	254	0.2 U		0.47					
4/26/2010	XX	GWXXXX404	185	1.8 J	1490	0.2 U		0.31					
7/19/2010	XX	GWXXXX438	170	1.3 J	37	0.2 U		0.34					
10/18/2010	XX	GWXXXX46C	165	1.3 J	33	0.2 U		0.3 U					
MW04-102													
1/18/2005	XX	GW102X10C	129	1.6	4 U		0.1 U	0.3 U		103	0.002 U		
3/21/2005	XX	GW102X144	121	2.3	4 U		0.02 U	0.3 U		101	0.002 U		
7/25/2005	XX	GW102X17I	142	0.7 J	5		0.1 U	0.44		109	0.002 U		
9/20/2005	XX	GW102X1A9	126	0.5 J	4 U		0.1 U	0.3 U		108	0.002 U		
5/23/2006	XX	GW102X1F4	148	3.1	4 U	0.2 U		0.3 U					
7/25/2006	XX	GW102X1I0	123	2.2	4 U	0.2 U		1.3					
9/12/2006	XX	GW102X20D	125	3.3	4 U	0.2 U		0.3 U					
5/15/2007	XX	GW102X240	116	5.3	4	0.25		0.5 U					
7/24/2007	XX	GW102X284	136	2.7	4 U	0.2 U		0.3 U					
9/11/2007	XX	GW102X2AE	131	1.4 J	4 U	0.2 U		0.5 U					
5/20/2008	XX	GW102X2E8	122	1.3 J	4 U	0.2 U		0.3 U					
7/29/2008	XX	GW102X2HC	121	1.2 J	4 U	0.2 U		1.2					
10/27/2008	XX	GW102X302	120	2.1	4 U	0.2 U		0.5 U					
4/14/2009	XX	GW102X339	147	0.9 J	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW102X37D	131	0.7 U	4 U	0.2 U		0.5 U					
10/27/2009	XX	GW102X3F8	136	0.7 U	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW102X407	141	1.2 J	4 U	0.2 U		0.3 U					
7/21/2010	XX	GW102X43B	134	0.7 U	4 U	0.2 U		0.3 U					
10/19/2010	XX	GW102X46F	139	0.7 U	4 U	0.2 U		0.3 U					
MW04-105													
1/17/2005	XX	GW105X10F	379	5.2	4 U		0.1 U	0.46		163	0.002 U		
3/21/2005	XX	GW105X147	432	7.5	4 U		0.02 U	0.34		180	0.002 U		
7/25/2005	XX	GW105X181	407	5	4 U		0.1 U	0.31		175	0.002 U		
9/20/2005	XX	GW105X1AC	396	4.5	4 U		0.1 U	0.32		191	0.002 U		

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(MW04-105) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
5/23/2006	XX	GW105X1F7	241	2.7	4 U	0.2 U		0.34					
7/25/2006	XX	GW105X1I1	318	3.4	4 U	0.2 U		0.92					
7/25/2006	XD	GWDP3X1GI	231	2.9	4 U	0.2 U		0.43					
9/12/2006	XX	GW105X20E	272	3.5	4 U	0.2 U		0.3 U					
5/14/2007	XX	GW105X241	234	3.5	4 U	0.22		0.5 U					
5/14/2007	XD	GWDP3X22I	220	3.4	4 U	0.2 U		0.5 U					
7/24/2007	XX	GW105X285	257	4	4 U	0.2 U		0.3 U					
7/24/2007	XD	GWDP3X272	294	5	4 U	0.2 U		0.3 U					
9/10/2007	XX	GW105X2AF	292	2.5	4 U	0.2 U		0.3 U					
5/19/2008	XD	GWDP3X2D6	256	2.2	4 U	0.2 U		0.5 U					
5/19/2008	XX	GW105X2E9	263	2.5	4 U	0.2 U		0.5 U					
7/29/2008	XX	GW105X2HD	251	2.5	4 U	0.2 U		0.5 U					
7/29/2008	XD	GWDP3X2GA	250	2.6	4 U	0.2 U		0.5 U					
10/27/2008	XX	GW105X303	216	2.9	4 U	0.2 U		0.5 U					
10/27/2008	XD	GWDP1X305	218	2.3	4 U	0.2 U		0.5 U					
4/15/2009	XD	GWDP3X328	167	2.8	4 U	0.2 U		0.5 U					
4/15/2009	XX	GW105X33A	168	2.3	4 U	0.2 U		0.5 U					
7/7/2009	XD	GWDP1X361	199	1.8 J	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW105X37E	195	2.8	4 U	0.2 U		0.5 U					
10/26/2009	XD	GWDP1X3DG	196	1.6 J	4 U	0.2 U		0.3 U					
10/26/2009	XX	GW105X3F9	201	1.3 J	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW105X408	185	3	5	0.2 U		0.3 U					
4/27/2010	XD	GWDP3X3J6	156	1.3 J	4 U	0.2 U		0.3 U					
7/19/2010	XX	GW105X43C	170	0.8 J	4 U	0.2 U		0.3 U					
10/18/2010	XD	GWDP3X45E	179	0.8 J	4 U	0.2 U		0.3 U					
10/18/2010	XX	GW105X46G	177	0.9 J	4 U	0.2 U		0.3 U					
MW04-109													
1/19/2005	XX	GW109X10I	408	8.2	4 U		0.1 U	0.37		276	0.002 U		
1/19/2005	XD	GWDP1X110	409	6.8	4 U		0.1 U	0.35		276	0.002 U		
3/23/2005	XX	GW109X14A	372	5.3	4 U		0.02 U	0.36		240	0.002 U		
7/26/2005	XD	GWDP5X186	302	3.5	4 U		0.1 U	0.32		218	0.002 U		
7/26/2005	XX	GW109X184	298	3.5	4 U		0.1 U	0.3		222	0.002 U		
9/20/2005	XX	GW109X1AF	316	4.1	4 U		0.1 U	0.36		264	0.002 U		
9/20/2005	XD	GWDP5X1AH	316	4.3	4 U		0.1 U	0.44		266	0.002 U		
5/23/2006	XX	GW109X1FA	279	4.4	4 U	0.2 U		0.32					
5/23/2006	XD	GWDP3X1E1	286	5.1	4 U	0.2 U		0.75					
7/25/2006	XX	GW109X1I2	242	3.5	4 U	0.2 U		0.58					
9/12/2006	XX	GW109X20F	227	6.3	4 U	0.2 U		0.32					
9/12/2006	XD	GWDP1X1J0	234	4.3	4 U	0.2 U		0.37					
5/15/2007	XX	GW109X242	215	4.3	4 U	0.35		0.5 U					
7/24/2007	XX	GW109X286	194	4.3	4 U	0.2 U		0.3 U					
9/10/2007	XD	GWDP5X2AH	189	4.8	4 U	0.2 U		0.3 U					
9/10/2007	XX	GW109X2AG	196	3.6	4 U	0.2 U		0.3 U					
5/19/2008	XX	GW109X2EA	412	3.5	4 U	0.2 U		1 U					
7/29/2008	XX	GW109X2HE	371	4.6	4 U	0.32		0.5 U					
10/28/2008	XX	GW109X304	330	3.8	4 U	0.2 U		0.5 U					
4/15/2009	XX	GW109X33B	305	4.4	4 U	0.2 U		0.5 U					
7/7/2009	XX	GW109X37F	DE	DE	DE	DE		DE					

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(MW04-109R) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
MW04-109R													
12/8/2009	XX	GW109X3GF	310	2.9	4 U	0.2 U		0.3 U					
4/27/2010	XX	GW109X409	258	2.2	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW109X43D	262	1.3 J	4 U	0.2 U		0.3 U					
10/19/2010	XX	GW109X46H	303	1.3 J	4 U	0.2 U		0.3 U					
MW09-901													
12/8/2009	XX	GW901X3GH	165	1.8 J	4	0.2 U		0.3 U					
4/27/2010	XX	GW901X3J7	124	1.9 J	4 U	0.2 U		0.3 U					
7/20/2010	XX	GW901X42B	154	0.9 J	4	0.2 U		0.3 U					
10/19/2010	XX	GW901X45F	193	0.7 U	4 U	0.2 U		0.3 U					
P-04-02													
2/5/2004	XX	GWXXXX03E	275	10	8					168			
2/11/2004	XX	GWXXXX03C	166	3.4	4 U					160			
5/5/2004	XX	GWXXXX00E	151	0.8 J	4 U	0.2 U	0.1 U	0.22	0.01 U				
7/26/2004	XX	GWXXXX042	145	0.6 J	4 U	0.2 U	0.1 U	0.69	0.01 U				
10/25/2004	XX	GWXXXX07I	144	0.9 J	21	0.2 U	0.1 U	0.73	0.01 U				
5/9/2005	XX	GWXXXX13J	138	0.8 J	4 U	0.2 U		0.3 U					
7/27/2005	XX	GWXXXX177	145	2	4 U	0.2 U	0.1 U	0.67					
9/22/2005	XX	GWXXXX1A5	135	1.9	4 U	0.2 U	0.1 U	0.36					
5/22/2006	XX	GWXXXX1F0	129	4.8	4 U	0.2 U		0.42					
7/24/2006	XX	GWXXXX1HH	133	1.3 J	4 U	0.2 U		0.48					
9/11/2006	XX	GWXXXX20A	124	1.5	4 U	0.2 U		0.39					
5/14/2007	XX	GWXXXX23H	138	2.3	4 U	0.2 U		0.5 U					
7/23/2007	XX	GWXXXX281	124	1.2 J	4 U	0.2 U		0.3 U					
9/10/2007	XX	GWXXXX2AB	131	0.5 U	4 U	0.2 U		0.3 U					
5/21/2008	XX	GWXXXX2E5	118	1.8 J	4 U	0.2 U		0.3 U					
7/30/2008	XX	GWXXXX2H9	138	1.2 J	4 U	0.2 U		0.5 U					
10/29/2008	XX	GWXXXX2JJ	124	0.7 J	4 U	0.2 U		0.5 U					
4/13/2009	XX	GWXXXX337	134	5.1	4 U	0.2 U		1 U					
7/6/2009	XX	GWXXXX37B	128	1.8 J	4 U	0.2 U		0.5 U					
10/27/2009	XX	GWXXXX3F6	114	3.7	4 U	0.2 U		0.3 U					
4/26/2010	XX	GWXXXX405	113	0.8 J	4 U	0.2 U		0.3 U					
7/21/2010	XX	GWXXXX439	121	0.7 U	4 U	0.2 U		0.3 U					
10/20/2010	XX	GWXXXX46D	130	0.7 U	4 U	0.2 U		0.3 U					
P-04-04													
2/5/2004	XX	GWXXXX03F	287	1.8	21					153			
2/11/2004	XX	GWXXXX03D	139	0.6 J	4 U					91			
5/6/2004	XX	GWXXXX00F	146	0.7 J	4 U	0.2 U	0.1 U	0.17	0.01 U				
7/26/2004	XX	GWXXXX043	125	0.7 J	4 U	0.2 U	0.1 U	0.57	0.01 U				
10/25/2004	XX	GWXXXX07J	124	0.9 J	4	0.2 U	0.1 U	0.62	0.01				
5/9/2005	XX	GWXXXX140	118	1.7	4 U	0.2 U		0.3 U					
7/27/2005	XX	GWXXXX178	124	0.5 J	4 U	0.2 U	0.1 U	0.3 U					
9/22/2005	XX	GWXXXX1A6	117	2	4 U	0.2 U	0.1 U	0.56					
5/22/2006	XX	GWXXXX1F1	110	1.9	4	0.2 U		0.61					
7/24/2006	XX	GWXXXX1HI	111	1.7	4 U	0.2 U		0.33					
9/11/2006	XX	GWXXXX20B	98	0.5 U	7	0.2 U		0.36					
5/14/2007	XX	GWXXXX23I	116	2.4	4 U	0.2 U		0.5 U					

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(P-04-04)			Total Dissolved Solids	Organic Carbon	Total Suspended Solids	Tannin & Lignins (Tannic Acid)	Sulfide	Total Kjeldahl Nitrogen	Total Organic Halides	Alkalinity (CaCO3)	Cyanide	Total Coliform	Apparent Color
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	Colonies/100 mL	CU
7/23/2007	XX	GWXXXX282	106	0.9 J	4 U	0.2 U		0.3 U					
9/10/2007	XX	GWXXXX2AC	111	0.7 J	4 U	0.2 U		0.3 U					
5/21/2008	XX	GWXXXX2E6	105	1.5 J	4 U	0.2 U		0.3 U					
7/30/2008	XX	GWXXXX2HA	114	0.8 J	4 U	0.2 U		0.5 U					
10/29/2008	XX	GWXXXX300	108	2	4 U	0.2 U		0.5 U					
4/13/2009	XX	GWXXXX338	118	3.8	4 U	0.2 U		0.5 U					
7/6/2009	XX	GWXXXX37C	108	0.9 J	4 U	0.2 U		0.5 U					
10/27/2009	XX	GWXXXX3F7	92	1.8 J	4 U	0.2 U		0.3 U					
4/26/2010	XX	GWXXXX406	95	1.2 J	4 U	0.2 U		0.3 U					
7/21/2010	XX	GWXXXX43A	104	0.7 U	4 U	0.2 U		0.3 U					
10/20/2010	XX	GWXXXX46E	119	0.7 U	4 U	0.2 U		0.3 U					
SW-AR1													
5/26/1994	XX	SWAR1X079	71	34		9.5		2					300
8/8/1994	XX	SWAR1X07D	84	26		4		4.5					250
11/15/1994	XX	SWAR1X07H	110	45		4		1.4					300
2/7/1995	XX	SWAR1X081	370	40		9.5		32					80
5/24/1995	XX	SWAR1X085	61	35		7.1		1.2					250
8/16/1995	XX	SWAR1X089	100	50		11		3.1					350
11/30/1995	XX	SWAR1X08D	160	100		2.9		0.74					360
2/27/1996	XX	SWAR1X08H	72	16		2.5		1.2					140
5/21/1996	XX	SWAR1X09H	71	22		5.3		1.2					250
11/25/1996	XX	SWAR1X0AD	58	23		4.3							170
3/26/1997	XX	SW-AR1821-35515	44	8.8		1.9							60
6/4/1997	XX	SW-AR1822-35585	114	28		6.4							325
9/11/1997	XX	SW-AR1823-35684	111	33.1		5.2							200
12/8/1997	XX	SW-AR1824-35772	93	19.6		3.5							175
3/26/1998	XX	SW-AR1825-35880	24	12.3		0.5 U							10
6/9/1998	XX	SW-AR1826-35955	77	28.4		7.3							325
12/15/1998	XX	SW-AR1828-36144	93	23		2.9							150
3/30/1999	XX	SW-AR1829-36249	82	12.8		2.7							138
6/9/1999	XX	SW-AR1830-36320	81	27.7		4.6							225
9/14/1999	XX	SW-AR1831-36417	200	35.4		4.7							225
12/2/1999	XX	SW-AR1832-36496	105	27.4		5.4							175
3/28/2000	XX	SW-AR1833-36613	39	13		3.5							60
6/13/2000	XX	SW-AR1834-36690	82	25		6.9							90
12/12/2001	XX	SW-AR1835-37237	130	34		8.9							100
3/14/2002	XX	SW-AR1836-37329	29	19		7.1							90
6/18/2002	XX	SW-AR1837-37425	87	34		8.5							100
6/26/2003	XX	SW-AR1N37798	100	44		7.8							100
5/3/2004	XX	SWAR1X01B	97	21	6	3.6	0.1 U						
7/27/2004	XX	SWAR1X04H	112	23.6	4 U	5.5	0.1 U						
10/26/2004	XX	SWAR1X06C	114	28.7	9	7.3	0.1 U						
5/10/2005	XX	SWAR1X12D	90	21.1	4 U	4.2							
7/28/2005	XX	SWAR1X161	100	22.6	4	3.7	0.1 U						
9/20/2005	XX	SWAR1X18J	125	21.7	6	4.2	0.1 U						
5/24/2006	XX	SWAR1X1DE	140	21.2	6	4.7							
7/26/2006	XX	SWAR1X1GB	161	34.8	18	3.9							
9/13/2006	XX	SWAR1X1J4	D	D	D	D							
5/15/2007	XX	SWAR1X22B	128	17.3	4 U	2.2							

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(SW-AR1) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
7/24/2007	XX	SWAR1X26F	124	24.7	11	3.7							
9/11/2007	XX	SWAR1X295	I	I	I	I							
5/21/2008	XX	SWAR1X2CJ	174	13	7	2.7							
7/29/2008	XX	SWAR1X2G3	I	I	I	I							
10/28/2008	XX	SWAR1X2ID	161	41.5	4 U	11							
4/14/2009	XX	SWAR1X321	116	11.6	4 U	2.6							
7/7/2009	XX	SWAR1X365	162	38.9	33	7							
10/27/2009	XX	SWAR1X3E0	145	31.9	5	8.4							
SW-AR2													
5/26/1994	XX	SWAR2X07B	73	31		7.5		3					280
8/8/1994	XX	SWAR2X07E	69	25		8.7		1.4					280
11/15/1994	XX	SWAR2X07I	88	29		3.7		2.1					180
2/7/1995	XX	SWAR2X082	F	F		F		F					F
5/24/1995	XX	SWAR2X086	44	25		4.8		0.9					200
8/16/1995	XX	SWAR2X08A	120	42		5.8		1.5					230
11/30/1995	XX	SWAR2X08E	160	15		2.3		0.59					360
2/27/1996	XX	SWAR2X08I	69	14		2.2		0.67					140
5/21/1996	XX	SWAR2X09I	78	23		4.7		2.1					225
11/25/1996	XX	SWAR2X0AE	65	20		3.5							170
3/26/1997	XX	SW-AR2822-35515	41	11		2							25
6/4/1997	XX	SW-AR2823-35585	110	25		3.7							275
9/11/1997	XX	SW-AR2824-35684	87	27.7		3.7							200
12/8/1997	XX	SW-AR2825-35772	58	16.4		2.5							150
3/26/1998	XX	SW-AR2826-35880	40	11.6		0.5 U							10
6/9/1998	XX	SW-AR2827-35955	77	3.1		3.1							225
12/15/1998	XX	SW-AR2829-36144	89	24.3		3.2							175
3/30/1999	XX	SW-AR2830-36249	109	9.9		1.3							150
6/9/1999	XX	SW-AR2831-36320	80	26.6		3.8							250
9/14/1999	XX	SW-AR2832-36417	103	16.5		1.3							125
12/2/1999	XX	SW-AR2833-36496	80	20.9		3.8							100
3/28/2000	XX	SW-AR2834-36613	47	13		3.3							140
6/13/2000	XX	SW-AR2835-36690	80	22		4.9							80
12/12/2001	XX	SW-AR2836-37237	54	16		2.3							55
3/14/2002	XX	SW-AR2837-37329	35	18		5.2							75
6/18/2002	XX	SW-AR2838-37425	77	33		6							100
6/26/2003	XX	SW-AR2N37798	99	20		2.2							70
5/3/2004	XX	SWAR2X01C	76	12.5	19	1.7	0.1 U						
7/27/2004	XX	SWAR2X04I	138	17.1	12	3.2	0.1 U						
10/26/2004	XX	SWAR2X06D	115	18.4	9	2.9	0.1 U						
5/10/2005	XX	SWAR2X12E	62	14.3	4 U	2.3							
7/28/2005	XX	SWAR2X162	100	20.4	110	3.2	0.1 U						
9/20/2005	XX	SWAR2X190	96	13.6	4 U	1.6	0.1 U						
5/24/2006	XX	SWAR2X1DF	126	15.7	4 U	2.1							
7/26/2006	XX	SWAR2X1GC	162	27.9	6	2.7							
9/13/2006	XX	SWAR2X1J5	I	I	I	I							
5/15/2007	XX	SWAR2X22C	198	8.8	4 U	1.3							
7/24/2007	XX	SWAR2X26G	151	16.7	5	1.2							
9/11/2007	XX	SWAR2X296	D	D	D	D							
5/21/2008	XX	SWAR2X2D0	426	8.3	6	1.2							

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Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
(SW-AR2)													
7/29/2008	XD	SWDP2X2G6	230	21.6	6	2.4							
7/29/2008	XX	SWAR2X2G4	217	22.6	6	2.2							
10/28/2008	XX	SWAR2X2IE	125	19.9	4 U	2.1							
4/14/2009	XX	SWAR2X322	129	8.6	4 U	1.3							
4/14/2009	XD	SWDP2X324	123	8.2	4 U	1.3							
7/7/2009	XX	SWAR2X366	110	22.4	4	3.3							
10/27/2009	XX	SWAR2X3E1	95	17.1	4 U	2.4							
10/27/2009	XD	SWDP2X3E3	98	16.5	4 U	3.1							
SW-AR3													
5/26/1994	XX	SWAR3X07C	47	25		7.3		0.9					250
8/8/1994	XX	SWAR3X07F	45	13		2.3		0.9					100
11/15/1994	XX	SWAR3X07J	69	27		4		0.7					150
2/7/1995	XX	SWAR3X083	52	21		2.7		2.5					150
5/24/1995	XX	SWAR3X087	33	29		5.8		0.7					250
8/16/1995	XX	SWAR3X08B	D	D		D		D					D
11/30/1995	XX	SWAR3X08F	400	19		2.5		0.66					360
2/27/1996	XX	SWAR3X08J	10 U	11		1.9		0.64					90
5/21/1996	XX	SWAR3X09J	67	18		4.1		0.48					200
5/21/1996	XD	SWDP2X0A1	73	17		3.6		0.45					188
11/25/1996	XX	SWAR3X0AF	42	19		3.9							170
3/26/1997	XX	SW-AR3823-35515	F	F		F							F
6/4/1997	XX	SW-AR3824-35585	108	27		5.6							350
9/11/1997	XX	SW-AR3825-35684	90	30.8		5.1							200
12/8/1997	XX	SW-AR3826-35772	73	18.2		4							200
3/26/1998	XX	SW-AR3827-35880	56	13.2		0.5 U							15
6/9/1998	XX	SW-AR3828-35955	72	24.7		5.2							250
12/15/1998	XX	SW-AR3830-36144	51	17.4		2.3							125
3/30/1999	XX	SW-AR3831-36249	61	10		2							100
6/9/1999	XX	SW-AR3832-36320	111	27.6		5.3							250
9/14/1999	XX	SW-AR3833-36417	90	13.7		1.4							100
12/2/1999	XX	SW-AR3834-36496	65	17.7		3.2							125
3/28/2000	XX	SW-AR3835-36613	37	12		3.3							150
6/13/2000	XX	SW-AR3836-36690	61	23		6.4							95
9/13/2000	XX	SW-AR3837-36782	63	16		3							95
12/12/2001	XX	SW-AR3838-37237	46	24		4.1							90
3/14/2002	XX	SW-AR3839-37329	37	19		6							65
6/18/2002	XX	SW-AR3840-37425	43	32		6.4							100
9/19/2002	XX	SW-AR3841-37518	35	26		3.2							120
6/26/2003	XD	SW-AR3D37798	67	34		2.2							100
6/26/2003	XX	SW-AR3N37798	53	34		6.3							100
9/18/2003	XX	SW-AR3N37882	61	23		3.5							100
5/3/2004	XX	SWAR3X01D	72	20.7	4 U	4.5	0.1 U						
7/27/2004	XX	SWAR3X04J	101	27	4 U	6.2	0.1 U						
10/26/2004	XX	SWAR3X06E	90	28.4	4 U	8	0.1 U						
5/10/2005	XX	SWAR3X12F	50	17.3	4 U	3.8							
7/28/2005	XX	SWAR3X163	77	22.5	4 U	4.6	0.1 U						
9/20/2005	XX	SWAR3X191	89	18.1	4 U	3.2	0.1 U						
5/24/2006	XX	SWAR3X1DG	66	16.5	4 U	4.1							
7/26/2006	XX	SWAR3X1GD	101	30.2	4 U	3.9							

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(SW-AR3) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
9/13/2006	XX	SWAR3X1J6	81	27.5	5	4.1							
5/15/2007	XX	SWAR3X22D	52	16.6	8	3.9							
7/24/2007	XX	SWAR3X26H	93	28.1	9	5.4							
9/11/2007	XX	SWAR3X297	D	D	D	D							
5/21/2008	XX	SWAR3X2D1	60	20.1	4 U	4.1							
7/29/2008	XX	SWAR3X2G5	151	36.3	4 U	5.6							
10/28/2008	XX	SWAR3X2IF	80	28.8	4 U	6							
4/14/2009	XX	SWAR3X323	63	11.3	4 U	2.5							
7/7/2009	XX	SWAR3X367	80	29.9	4 U	4.6							
10/27/2009	XX	SWAR3X3E2	81	24.5	4 U	4.4							
SW-DP1													
5/3/2004	XX	SWDP1X01H	200	7.5	4 U	0.69	0.1 U						
7/27/2004	XX	SWDP1X053	262	13.3	4 U	1	0.1 U						
10/26/2004	XX	SWDP1X06H	155	3.5	4 U	0.36	0.1 U						
5/10/2005	XX	SWDP1X12I	87	11.4	6	2							
7/28/2005	XX	SWDP1X166	83	4.7	14	0.55	0.1 U						
9/20/2005	XX	SWDP1X194	172	3.4	13	1.1	0.1 U						
5/24/2006	XX	SWDP1X1DJ	162	4.5	5	0.2 U							
7/26/2006	XX	SWDP1X1GG	149	12.9	115	0.48							
9/13/2006	XX	SWDP1X1J9	95	4.4	4 U	0.2							
5/15/2007	XX	SWDP1X22G	115	4.2	4 U	0.53							
7/24/2007	XX	SWDP1X270	90	4.5	4 U	0.2 U							
9/11/2007	XX	SWDP1X29A	73	3.7	4 U	0.2 U							
5/21/2008	XX	SWDP1X2D4	102	3.6	4 U	0.2 U							
7/29/2008	XX	SWDP1X2G8	94	8.4	5	0.21							
10/28/2008	XX	SWDP1X2II	139	3	13	0.2 U							
4/14/2009	XX	SWDP1X326	145	3.6	12	0.29							
7/7/2009	XX	SWDP1X36A	81	4.5	4 U	0.26							
10/27/2009	XX	SWDP1X3E5	83	3.5	6	0.47							
4/28/2010	XX	SWDP1X3J4	116	2.9	5	0.2 U							
7/20/2010	XX	SWDP1X428	68	3.7	4 U	0.2 U							
10/19/2010	XX	SWDP1X45C	102	2.2	4 U	0.3							
SW-DP2													
5/3/2004	XX	SWDP2X01I	243	11.2	4 U	0.78	0.1 U						
7/27/2004	XX	SWDP2X054	343	8.8	4 U	1.5	0.1 U						
10/26/2004	XX	SWDP2X06I	248	12.4	4 U	1.1	0.1 U						
5/10/2005	XX	SWDP2X12J	109	8.4	6	0.76							
7/28/2005	XX	SWDP2X167	223	6.4	209	0.58	0.1 U						
9/20/2005	XX	SWDP2X195	351	5.7	116	1.1	0.1 U						
5/24/2006	XX	SWDP2X1E0	!	!	!	!							
7/26/2006	XX	SWDP2X1GH	!	!	!	!							
9/13/2006	XX	SWDP2X1JA	!	!	!	!							
5/15/2007	XX	SWDP2X22H	42	7	6	0.65							
7/24/2007	XX	SWDP2X271	66	7.7	7	0.26							
9/11/2007	XX	SWDP2X29B	163	5.1	5	0.22							
5/21/2008	XX	SWDP2X2D5	67	5.5	4	0.49							
7/29/2008	XX	SWDP2X2G9	213	5.3	21	0.36							
10/28/2008	XX	SWDP2X2IJ	122	12.7	75	0.71							

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Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
(SW-DP2)													
4/14/2009	XX	SWDP2X327	150	8.6	14	0.9							
7/7/2009	XX	SWDP2X36B	DE	DE	DE	DE							
SW-DP6													
10/27/2009	XX	SWDP6X3G6	94	5.3	31	0.45							
4/28/2010	XX	SWDP6X3J5	179	11.8	54	0.49							
7/20/2010	XX	SWDP6X429	196	11.9	5	0.86							
10/19/2010	XX	SWDP6X45D	149	5.6	4	0.93							
SW-LCH													
3/26/1997	XX	SW-LCH1-35515	414	120		8.4							30
6/3/1997	XX	SW-LCH2-35584	1194	340		9.5							250
9/11/1997	XX	SW-LCH3-35684	1199	295.8		14							2000
12/8/1997	XX	SW-LCH4-35772	1289	337		9.4							875
3/25/1998	XX	SW-LCH5-35879	1655	540.6		50							500
6/9/1998	XX	SW-LCH6-35955	2166	102		22							1375
9/10/1998	XX	SW-LCH7-36048	2351	212.9		16							1000
12/15/1998	XX	SW-LCH8-36144	2591	479		13							1000
3/30/1999	XX	SW-LCH9-36249	1233	281		21							300
6/9/1999	XX	SW-LCH10-36320	1290	222		9.6							750
9/14/1999	XX	SW-LCH11-36417	1724	187		11							1000
12/2/1999	XX	SW-LCH12-36496	1663	211		15							375
3/28/2000	XX	SW-LCH13-36613	2300	370		18							300
6/13/2000	XX	SW-LCH14-36690	1900	180		17							100
9/13/2000	XX	SW-LCH15-36782	2700	120		7.6							200
3/14/2001	XX	SW-LCH16-36964	4000	460		35							85
6/19/2001	XX	SW-LCH17-37061	4400	810		44							100
9/11/2001	XX	SW-LCH18-37145	1400	230		8.1							100
12/12/2001	XX	SW-LCH19-37237	3300	320		56							100
3/14/2002	XX	SW-LCH20-37329	3600	250		43							390
6/18/2002	XX	SW-LCH21-37425	3300	110		18							100
9/19/2002	XX	SW-LCH22-37518	3500	130		9.1							120
12/10/2002	XX	SW-LCH23-37600	5400	180		35							650
3/26/2003	XX	SW-LCHN37706	4700	220		26							80
6/26/2003	XX	SW-LCHN37798	5100	170		30							200
9/18/2003	XX	SW-LCHN37882	3900	150		48							100
5/4/2004	XX	SWLCHX01F	3986	354	30		53	120		2530	0.003 J		
7/28/2004	XX	SWLCHX051	2556	112	10	13	12						
10/26/2004	XX	SWLCHX06G	3440	251	6	20	13	130	0.693				
5/11/2005	XX	SWLCHX12H	3744	6.7	12		9.3	79		1540	0.002 U		
7/27/2005	XX	SWLCHX165	6072	328	12	100	1.2	150					
9/21/2005	XX	SWLCHX193	2600	59.3	24	10	1.7	61					
5/24/2006	XX	SWLCHX1DI	4341	260	17		1.7	170		2020	0.002 J		
7/25/2006	XX	SWLCHX1GF	6224	612	36	100	30	240					
9/13/2006	XX	SWLCHX1J8	4940	192	20	14	0.95	220					
5/15/2007	XX	SWLCHX22F	6290	409	31		34	200		2040	0.006		
7/24/2007	XX	SWLCHX26J	6890	34.4	44	27	11	230					
9/11/2007	XX	SWLCHX299	6900	366	68	23	0.91	260					
5/21/2008	XX	SWLCHX2D3	6390	224	74		32	300		2290	0.015		
7/29/2008	XX	SWLCHX2G7	6980	218	35	77	27	350					

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(SW-LCH) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
10/29/2008	XX	SWLCHX2IH	7390	24.2	72	34	1.4	300					
SW-UD													
5/4/2004	XX	SWXUDX020	695	3.2	4 U	0.2 U	0.1 U						
SW-1													
11/13/1990	XD	SW-1XD33190	54	13		2.8		0.6					100
11/13/1990	XX	SW-1XX33190	50	12		2.7		0.5					100
2/19/1991	XX	SW-1XX33288	F	F	F	F		F	F		F		F
6/4/1991	XX	SW-1XX33393	67	15		2.3		0.69					150
9/16/1991	XX	SW-1XX33497	68	12		1.7		1					75
12/18/1991	XX	SWXX1X00B	50	7.8		1.5		0.46					75
3/2/1992	XX	SWXX1X019	F	F		F		F					F
6/23/1992	XX	SWXX1X024	62	14		1.8		0.9					200
8/17/1992	XX	SWXX1X033	73	10		1.4		1					150
1/26/1993	XX	SWXX1X03J	69	8		2.6		0.8					100
4/27/1993	XX	SWXX1X049	38	11		0.2 U		0.4					50
7/21/1993	XX	SWXX1X051	76	11		1.5		1.5					180
10/12/1993	XX	SWXX1X06A	45	13		2.2		0.5					60
1/11/1994	XX	SWXX1X076	86	10		2.3		0.8					100
5/21/1996	XX	SWXX1X09F	64	12		2.3		0.48					108
11/25/1996	XX	SWXX1X0AH	48	13		3							92
3/26/1997	XX	SW-1816-35515	F	F		F							F
6/4/1997	XX	SW-1817-35585	108	14		2.4							200
9/11/1997	XX	SW-1818-35684	79	14.4		3							133
12/8/1997	XX	SW-1819-35772	80	13.8		3.1							138
3/25/1998	XX	SW-1820-35879	54	7.2		0.6							75
6/9/1998	XX	SW-1821-35955	69	8.1		1.8							100
9/10/1998	XX	SW-1822-36048	94	12.4		2.1							133
12/15/1998	XX	SW-1823-36144	98	16.1		3							100
3/30/1999	XX	SW-1824-36249	69	5.7		1.2							35
6/9/1999	XX	SW-1825-36320	94	11.7		1.6							100
9/15/1999	XX	SW-1826-36418	100	13		1.7							60
12/2/1999	XX	SW-1827-36496	89	11.1		2							88
3/28/2000	XX	SW-1828-36613	67	5.2		2.1							30
6/13/2000	XX	SW-1829-36690	91	10		1.5							30
9/13/2000	XX	SW-1830-36782	89	14		3.4							180
6/19/2001	XX	SW-1831-37061	100	13		2.5							100
9/11/2001	XX	SW-1832-37145	77	14		2.6							100
12/12/2001	XX	SW-1833-37237	60	12		3							50
3/14/2002	XX	SW-1834-37329	30	8.8		3.4							30
6/18/2002	XX	SW-1835-37425	60	14		3.5							70
9/19/2002	XX	SW-1836-37518	59	15		2.1							90
6/26/2003	XX	SW-1N37798	130	34		3.3							150
9/18/2003	XD	SW-1D37882	120	18		4.2							100
9/18/2003	XX	SW-1N37882	110	20		3.7							100
5/3/2004	XX	SWXX1X018	82	13.1	5	2.5	0.1 U						
7/27/2004	XX	SWXX1X04E	103	18.4	9	4.5	0.1 U						
10/26/2004	XX	SWXX1X069	76	14.3	4 U	3.4	0.1 U						
5/10/2005	XX	SWXX1X12A	61	10.1	4 U	2.2							

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Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
(SW-1)													
7/28/2005	XX	SWXX1X15I	67	14.3	13	3.5	0.1 U						
9/20/2005	XX	SWXX1X18G	159	9.8	55	1.1	0.1 U						
5/24/2006	XX	SWXX1X1DB	184	10.2	22	0.94							
7/26/2006	XX	SWXX1X1G8	90	20.6	17	2.5							
7/26/2006	XD	SWDP2X1GE	85	20.4	6	3							
9/13/2006	XX	SWXX1X1J1	181	11.4	28	0.31							
5/15/2007	XX	SWXX1X228	59	7.9	4 U	2							
5/15/2007	XD	SWDP2X22E	58	8.3	4 U	1.9							
7/24/2007	XX	SWXX1X26C	93	16.6	4 U	2.4							
7/24/2007	XD	SWDP2X26I	98	17.3	4 U	2.7							
9/11/2007	XX	SWXX1X292	90	15.6	11	2.2							
5/21/2008	XX	SWXX1X2CG	71	12.5	14	2.1							
5/21/2008	XD	SWDP2X2D2	67	9.5	14	2.1							
7/29/2008	XX	SWXX1X2G0	I	I	I	I							
10/28/2008	XX	SWXX1X2IA	70	12.5	4 U	2.1							
4/14/2009	XX	SWXX1X31I	85	9.8	4 U	1.4							
7/7/2009	XX	SWXX1X362	85	15	4 U	3.9							
10/27/2009	XX	SWXX1X3DH	69	12.5	39	2.6							
4/28/2010	XX	SWXX1X3IG	61	9.1	4 U	2.5							
7/20/2010	XX	SWXX1X420	230	7.3	1490	1							
10/19/2010	XX	SWXX1X454	101	18.8	4 U	0.87							
SW-2													
11/13/1990	XX	SW-2XX33190	43	8.6		1.8		0.7					70
2/20/1991	XD	SW-2XD33289	71	17		2.3		7.5	1				75
2/20/1991	XX	SW-2XX33289	78	1 U		2.3		1.3	2				100
6/4/1991	XX	SW-2XX33393	62	14		2.9		0.68					100
9/17/1991	XX	SW-2XX33498	51	16		3.1		1.8					100
12/18/1991	XX	SWXX2X00C	46	8.4		1.8		0.49					100
3/2/1992	XD	SWXX2XHA0	70	9		2		2.5					90
3/2/1992	XX	SWXX2X01A	60	6		2		3.4					75
6/23/1992	XX	SWXX2X025	63	15		2.2		0.2 U					150
8/17/1992	XX	SWXX2X034	67	20		2.6		2.1					130
1/26/1993	XX	SWXX2X040	49	8		2.7		0.8					140
1/27/1993	XD	SWXX2XHA5	59	13		2.8		1.1					120
4/27/1993	XX	SWXX2X04A	40	8		2.3		0.8					70
7/21/1993	XX	SWXX2X052	71	21		2.6		0.5					140
10/13/1993	XX	SWXX2X06B	30	16		3		0.4					70
1/11/1994	XX	SWXX2X077	110	15		3.8		0.9					140
5/21/1996	XX	SWXX2X09G	66	14		3.5		0.62					125
11/25/1996	XD	SWDP2X0AG	52	13		3.8							96
11/25/1996	XX	SWXX2X0AI	49	14		3.7							96
3/26/1997	XX	SW-2818-35515	58	11		3							80
6/4/1997	XX	SW-2819-35585	96	15		2.8							150
9/11/1997	XX	SW-2820-35684	75	20.5		3.9							200
12/8/1997	XX	SW-2821-35772	91	18.5		4.7							200
3/25/1998	XX	SW-2822-35879	88	10.5		0.8							150
6/9/1998	XX	SW-2823-35955	62	10.8		3.3							125
9/10/1998	XX	SW-2824-36048	111	15.1		4.4							150
12/15/1998	XX	SW-2825-36144	67	18.9		3.8							138

SUMMARY REPORT

Inorganics (part 2 of 2)

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(SW-2)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
3/30/1999	XX	SW-2826-36249	68	6.2		1.6							60
6/9/1999	XX	SW-2827-36320	75	13.2		2.3							150
9/15/1999	XX	SW-2828-36418	90	14.7		2							88
12/2/1999	XX	SW-2829-36496	65	14.7		3.1							150
3/28/2000	XX	SW-2830-36613	57	5.2		1.5							35
6/13/2000	XX	SW-2831-36690	75	11		3.5							50
9/13/2000	XX	SW-2832-36782	90	15		3.4							70
12/12/2000	XX	SW-2833-36872	2	6.2		1.6							20
6/19/2001	XX	SW-2834-37061	71	12		2.4							70
9/11/2001	XX	SW-2835-37145	58	16		2.8							70
12/12/2001	XX	SW-2836-37237	47	11		3.5							45
3/14/2002	XX	SW-2837-37329	31	11		3.8							45
6/18/2002	XX	SW-2838-37425	49	12		3.5							65
9/19/2002	XX	SW-2839-37518	37	14		2.5							90
12/10/2002	XX	SW-2840-37600	50	16		5.1							95
3/26/2003	XX	SW-2N37706	36	7.3		1.4							45
6/26/2003	XX	SW-2N37798	65	22		3.2							60
9/18/2003	XX	SW-2N37882	96	20		4.2							90
5/3/2004	XX	SWXX2X019	73	13	5	3.8	0.1 U						
7/27/2004	XD	SWDP2X050	83	19.4	4 U	5.2	0.1 U						
7/27/2004	XX	SWXX2X04F	85	19.2	4 U	5.3	0.1 U						
10/26/2004	XX	SWXX2X06A	87	13.9	4 U	3.4	0.1 U						
5/10/2005	XD	SWDP2X12G	58	12	4 U	2.5							
5/10/2005	XX	SWXX2X12B	62	11.9	4 U	2.6							
7/28/2005	XX	SWXX2X15J	60	15	4 U	3.7	0.1 U						
9/20/2005	XX	SWXX2X18H	77	19	14	5.4	0.1 U						
5/24/2006	XD	SWDP2X1DH	76	12	4 U	2.6							
5/24/2006	XX	SWXX2X1DC	80	12.4	4 U	2.4							
7/26/2006	XX	SWXX2X1G9	94	21.6	89	2.8							
9/13/2006	XX	SWXX2X1J2	58	19.8	8	2.9							
9/13/2006	XD	SWDP2X1J7	58	4.4	5	2.6							
5/15/2007	XX	SWXX2X229	53	10.3	4 U	2.3							
7/24/2007	XX	SWXX2X26D	78	17.9	8	2.8							
9/11/2007	XX	SWXX2X293	84	15.3	6	2.9							
9/11/2007	XD	SWDP2X298	86	15.5	6	2.7							
5/21/2008	XX	SWXX2X2CH	68	13.9	23	2.3							
7/29/2008	XX	SWXX2X2G1	119	16.7	12	3.6							
10/28/2008	XD	SWDP2X2IG	66	13.9	4 U	2.9							
10/28/2008	XX	SWXX2X2IB	70	17	4 U	2.5							
4/14/2009	XX	SWXX2X31J	69	8.2	4 U	2							
7/7/2009	XD	SWDP2X368	82	15.2	4 U	4.1							
7/7/2009	XX	SWXX2X363	78	15.8	4 U	4.4							
10/27/2009	XX	SWXX2X3DI	69	8.3	4 U	2							
4/28/2010	XD	SWDP2X3J2	52	10.5	4 U	2.7							
4/28/2010	XX	SWXX2X3IH	59	9.7	4 U	2.8							
7/20/2010	XX	SWXX2X421	86	21.2	9	2.9							
7/20/2010	XD	SWDP2X426	88	21.4	8	2.4							
10/19/2010	XX	SWXX2X455	98	19.3	4 U	4.8							
10/19/2010	XD	SWDP2X45A	102	19.5	4 U	5							

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(SW-3)

Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
SW-3													
5/26/1994	XX	SWXX3X078	39	15		2.9		0.7					110
8/8/1994	XX	SWXX3X07G	57	15		2.5		1.1					120
11/15/1994	XX	SWXX3X080	84	18		4.7		0.6					80
2/7/1995	XX	SWXX3X084	46	10		2		0.6					60
5/24/1995	XX	SWXX3X088	32	14		2.7		0.9					100
8/16/1995	XX	SWXX3X08C	55	40		2.1		1					100
11/30/1995	XX	SWXX3X08G	210	11		1.8		0.69					280
2/27/1996	XX	SWXX3X090	68	5.7		1.5		0.65					90
5/21/1996	XX	SWXX3X0A0	64	12		2.6		0.47					125
11/25/1996	XX	SWXX3X0AJ	44	12		2.5							92
3/26/1997	XX	SW-3819-35515	F	F		F							F
6/4/1997	XX	SW-3820-35585	102	14		1.9							250
9/11/1997	XX	SW-3821-35684	79	13.4		2.5							133
12/8/1997	XX	SW-3822-35772	76	11.6		2.5							100
3/26/1998	XX	SW-3823-35880	52	7.3		0.5 U							10
6/9/1998	XX	SW-3824-35955	64	9.5		1.5							75
9/10/1998	XX	SW-3825-36048	88	10.8		1.5							83
12/15/1998	XX	SW-3826-36144	82	14.4		2.4							100
3/30/1999	XX	SW-3827-36249	57	7.5		1.2							50
6/9/1999	XX	SW-3828-36320	87	14.3		1.8							188
9/15/1999	XX	SW-3829-36418	90	13.4		1.7							70
12/2/1999	XX	SW-3830-36496	75	12.3		2.4							100
3/28/2000	XX	SW-3831-36613	81	6.4		1.4							30
6/13/2000	XX	SW-3832-36690	71	11		1.8							35
9/13/2000	XX	SW-3833-36782	78	9.9		1.7							56
6/19/2001	XX	SW-3834-37061	88	14		1.8							70
9/11/2001	XX	SW-3835-37145	69	12		1.8							100
12/12/2001	XX	SW-3836-37237	61	12		2.3							45
3/14/2002	XX	SW-3837-37329	31	13		2.1							35
6/18/2002	XX	SW-3838-37425	61	13		3.3							65
9/19/2002	XX	SW-3839-37518	51	11		1.5							35
12/10/2002	XX	SW-3840-37600	74	15		3.1							65
6/26/2003	XX	SW-3N37798	78	21		2.8							40
9/18/2003	XX	SW-3N37882	84	17		2							68
5/3/2004	XD	SWDP2X01E	65	10.6	5	2	0.1 U						
5/3/2004	XX	SWXX3X01A	68	10.8	5	2	0.1 U						
7/27/2004	XX	SWXX3X04G	100	16.4	4 U	2.7	0.1 U						
10/26/2004	XD	SWDP2X06F	82	13.5	4 U	3.4	0.1 U						
10/26/2004	XX	SWXX3X06B	84	13.8	4 U	3.2	0.1 U						
5/10/2005	XX	SWXX3X12C	46	9.6	4 U	2							
7/28/2005	XX	SWXX3X160	71	13.3	4	2.6	0.1 U						
7/28/2005	XD	SWDP2X164	73	14.5	4	2.7	0.1 U						
9/20/2005	XD	SWDP2X192	74	12.4	5	2.9	0.1 U						
9/20/2005	XX	SWXX3X18I	65	14.2	10	2.9	0.1 U						
5/24/2006	XX	SWXX3X1DD	70	10.4	4 U	1.7							
7/26/2006	XX	SWXX3X1GA	74	15.6	4 U	2							
9/13/2006	XX	SWXX3X1J3	36	13.2	4	1.3							
5/15/2007	XX	SWXX3X22A	51	8.5	4 U	1.8							

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(SW-3) Date	Type	Sample ID	Total Dissolved Solids mg/L	Organic Carbon mg/L	Total Suspended Solids mg/L	Tannin & Lignins (Tannic Acid) mg/L	Sulfide mg/L	Total Kjeldahl Nitrogen mg/L	Total Organic Halides mg/L	Alkalinity (CaCO3) mg/L	Cyanide ug/L	Total Coliform Colonies/100 mL	Apparent Color CU
7/24/2007	XX	SWXX3X26E	83	13.1	4 U	1.7							
9/11/2007	XX	SWXX3X294	74	12.6	4 U	1.3							
5/21/2008	XX	SWXX3X2CI	66	10.9	7	1.8							
7/29/2008	XX	SWXX3X2G2	121	14.8	4 U	3.1							
10/28/2008	XX	SWXX3X2IC	76	12.9	4 U	1.9							
4/14/2009	XX	SWXX3X320	63	9.2	4 U	1.6							
7/7/2009	XX	SWXX3X364	80	16.6	4 U	2.9							
10/27/2009	XX	SWXX3X3DJ	74	11.4	4 U	2.3							
4/28/2010	XX	SWXX3X3II	50	8.5	4	2							
7/20/2010	XX	SWXX3X422	86	8.9	16	1.2							
10/19/2010	XX	SWXX3X456	97	17.2	4 U	4.1							
SW-4													
11/25/1996	XX	SWXX4X0B2	122	2.2		0.2 U							5 U
3/26/1997	XX	SW-4820-35515	131	1.1									
6/3/1997	XX	SW-4821-35584	189	2.2		0.2 U							25
9/11/1997	XX	SW-4822-35684	195	2		0.21							1 U
12/8/1997	XX	SW-4823-35772	187	1.7		0.2 U							50
3/25/1998	XX	SW-4824-35879	131	1.4		0.5 U							5
6/9/1998	XX	SW-4825-35955	168	1.3		0.2 U							5
9/10/1998	XX	SW-4826-36048	187	1 U		0.2 U							5 U
12/15/1998	XX	SW-4827-36144	185	1.5		0.5 U							5
3/30/1999	XX	SW-4828-36249	181	1.6		0.2 U							5
6/9/1999	XX	SW-4829-36320	174	1.3		0.2 U							5 U
9/14/1999	XX	SW-4830-36417	177	9.9		0.29							20
12/2/1999	XX	SW-4831-36496	181	2.1		0.2 U							5
3/28/2000	XX	SW-4832-36613	160	1.3		0.22							10
6/13/2000	XX	SW-4833-36690	180	4.2		0.2							33
9/13/2000	XX	SW-4834-36782	150	2.1		0.82							30
12/12/2000	XX	SW-4835-36872	120	1 U		0.2 U							5
3/14/2001	XX	SW-4836-36964	120	1.4		0.2 U							15
6/19/2001	XX	SW-4837-37061	150	2.5		0.2							5
9/11/2001	XX	SW-4838-37145	150	2.3		0.2 U							5 U
12/12/2001	XX	SW-4839-37237	150	1.6		0.2 U							5 U
3/14/2002	XX	SW-4840-37329	96	1 U		0.2 U							5
6/18/2002	XX	SW-4841-37425	130	2.7		0.2 U							5 U
9/19/2002	XX	SW-4842-37518	150	1 U		0.2 U							5
12/10/2002	XX	SW-4843-37600	120	1.5		0.2 U							5 U
3/26/2003	XX	SW-4N37706	90	1 U		0.2 U							5
3/26/2003	XD	SW-4D37706	91	1 U		0.2 U							5
6/26/2003	XX	SW-4N37798	110	1.5		1 U							10
9/18/2003	XX	SW-4N37882	140	1 U		0.2 U							5
5/4/2004	XX	SWXX4X01G	122	1 J	4 U	0.2 U	0.1 U						
PWS-1													
4/26/2010	XX	GWPWS13IJ	148	9.9	4 U	2.3							
7/19/2010	XX	GWPWS1423	154	8.3	786	1.4							
10/18/2010	XX	GWPWS1457	176	7.5	12	1							
PWS-2													
4/26/2010	XX	GWPWS23J0	59	8.2	7	1.4							

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(PWS-2)			Total Dissolved Solids	Organic Carbon	Total Suspended Solids	Tannin & Lignins (Tannic Acid)	Sulfide	Total Kjeldahl Nitrogen	Total Organic Halides	Alkalinity (CaCO3)	Cyanide	Total Coliform	Apparent Color				
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	Colonies/100 mL	CU				
7/19/2010	XX	GWPWS2424	81	9.2	182	2											
10/18/2010	XX	GWPWS2458	88	14.7	4 U	2.6											
PWS-3																	
4/26/2010	XX	GWPWS33J1	113	2.1	5	0.45											
7/19/2010	XX	GWPWS3425	124	10.4	36	1.9											
10/18/2010	XX	GWPWS3459	103	19.3	34	4.6											

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- D - The sampling location was dry.
- DE - Decommissioned Location
- F - The sampling location was frozen.
- F6 - No flow. Sample not taken.
- H2 - Waterlevel higher than pipes. See LF-COMP for readings
- I - The sampling location yielded insufficient quantity to collect a sample.
- J - Analyte was positively identified/Associated value is an estimate below reporting limit.
- TNTC - Bacteria result reported as Too Numerous To Count.
- U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 11/19/2010 12:53

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Metal (part 1 of 2)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-1)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
LF-UD-1																	
7/28/2004	XX	LFUD1X05E			0.003 J				31				0.02 J	0.002 J	8.4	0.02 U	
10/27/2004	XX	LFUD1X076			0.002 J				25				0.02 U		7.4	0.02 U	
5/11/2005	XX	LFUD1X137			0.001 J			0.0002 U	29			0.01 J	0.03 J		8.1	0.02 U	
7/27/2005	XX	LFUD1X16F			0.002 J			0.0002 U	29			0.001 J	0.02 J		7.9	0.02 J	
9/21/2005	XX	LFUD1X19D			0.001 J			0.0002 U	32			0.003	0.02 J		7.9	0.02 U	
5/24/2006	XX	LFUD1X1E8			0.004			0.0004 J	30			0.001 U	0.02 J		8.5	0.02 U	
7/25/2006	XX	LFUD1X1H5			0.001 J			0.0002 U	29			0.002 J	0.02 J		8.5	0.02 U	
9/11/2006	XX	LFUD1X1JI			0.002 J			0.0006	33			0.001 U	0.3		9.5	0.02 J	
5/16/2007	XX	LFUD1X235			0.002 J			0.001	36			0.003	0.02 U		10.5	0.02 J	
7/25/2007	XX	LFUD1X279			0.001 J			0.0002 U	39			0.002 J	0.1		9.9	0.02 U	
9/12/2007	XX	LFUD1X29J			I			I	I			I	I		I	I	
5/20/2008	XX	LFUD1X2DD			0.005 J			0.001 U	40.4			0.003 U	0.02 J		10.4	0.02 U	
7/28/2008	XX	LFUD1X2GH			0.002 U			0.0002 U	41.8			0.001 U	0.02 J		9.6	0.02 U	
10/28/2008	XX	LFUD1X2J7			0.002 U			0.0002 U	45.1			0.01 U	0.02 U		10.6	0.02 U	
4/15/2009	XX	LFUD1X32F			0.002 U			0.0002 U	53.6			0.001 U	0.02 U		11.3	0.02 U	
7/8/2009	XX	LFUD1X36J			H2			H2	H2			H2	H2		H2	H2	
10/27/2009	XX	LFUD1X3EE			H2			H2	H2			H2	H2		H2	H2	
4/27/2010	XX	LFUD1X3JD			0.007			0.0002 U	47			0.001 U	0.02 J		10.6	0.02 U	
7/20/2010	XX	LFUD1X42H			F6			F6	F6			F6	F6		F6	F6	
10/19/2010	XX	LFUD1X461			F6			F6	F6			F6	F6		F6	F6	
LF-UD-2																	
7/28/2004	XX	LFUD2X05F			0.003 J				29				0.04 J	0.001 U	8	0.02 U	
10/27/2004	XX	LFUD2X077			0.006				25				0.02 U		7.2	0.02 J	
5/11/2005	XX	LFUD2X138			0.002 J			0.0002 U	20			0.01 U	0.04 J		6.1	0.02 U	
7/27/2005	XX	LFUD2X16G			0.001 J			0.0002 U	29			0.001 U	0.02 J		8.1	0.02 J	
9/21/2005	XX	LFUD2X19E			0.002 J			0.0002 U	30			0.003	0.02 J		7	0.02 U	
5/24/2006	XX	LFUD2X1E9			0.004			0.0005 J	23			0.001 U	0.05 J		6.6	0.02 U	
7/25/2006	XX	LFUD2X1H6			0.001 J			0.0002 J	26			0.001 J	0.02 J		7.1	0.02 U	
9/11/2006	XX	LFUD2X1JJ			0.003 J			0.0004 J	38			0.001 U	0.18		11	0.02 U	
5/16/2007	XX	LFUD2X236			0.004			0.0003 J	30			0.001 J	0.02 U		8.2	0.02 J	
7/25/2007	XX	LFUD2X27A			0.001 U			0.0002 U	30			0.001 J	0.05 J		8.1	0.02 U	
9/12/2007	XX	LFUD2X2A0			0.001 U			0.0002 U	35			0.001 U	0.02 U		8	0.02 J	
5/20/2008	XX	LFUD2X2DE			0.003 J			0.001 U	34.1			0.003 U	0.02 U		8.2	0.02 U	
7/28/2008	XX	LFUD2X2GI			0.002 U			0.0002 U	33.5			0.001 U	0.02 J		7.9	0.02 U	
10/29/2008	XX	LFUD2X2J8			0.002 U			0.0002 U	33.9			0.01 U	0.02 U		7.8	0.02 U	
4/15/2009	XX	LFUD2X32G			0.004 J			0.0002 U	38.8			0.001 U	0.02 U		8.8	0.02 U	
7/8/2009	XX	LFUD2X370			H2			H2	H2			H2	H2		H2	H2	
10/27/2009	XX	LFUD2X3EF			H2			H2	H2			H2	H2		H2	H2	
4/27/2010	XX	LFUD2X3JE			0.005			0.0002 U	44.8			0.001 U	0.03 J		9.8	0.02 U	
7/20/2010	XX	LFUD2X42I			0.013			0.0002 U	50.5			0.001 U	0.02 U		10.9	0.02 U	
10/19/2010	XX	LFUD2X462			0.01			0.0002 U	64.3			0.001 U	0.13		12.3	0.02 J	
LF-UD-3A																	
5/16/2007	XX	LFUD3X246			0.003 J			0.0004 J	60			0.002 J	0.02 U		11.5	0.02 U	
7/25/2007	XX	LFUD3X288			F6			F6	F6			F6	F6		F6	F6	
9/12/2007	XX	LFUD3X2AI			F6			F6	F6			F6	F6		F6	F6	
5/20/2008	XX	LFUD3X2EE			0.003 U			0.001 U	46.4			0.003 U	0.02 U		8.2	0.12	
7/28/2008	XX	LFUD3X2HG			D			D	D			D	D		D	D	

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(LF-UD-3A) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
10/29/2008	XX	LFUD3X306			F6			F6	F6			F6	F6		F6	F6	
4/15/2009	XX	LFXXXX33F			0.003 J			0.0002 U	69.9			0.001 U	0.02 U		12.5	0.02 U	
7/8/2009	XX	LFXXXX37I			H2			H2	H2			H2	H2		H2	H2	
10/27/2009	XX	LFXXXX3FC			H2			H2	H2			H2	H2		H2	H2	
4/27/2010	XX	LFXXXX40C			0.005			0.0002 U	57.4			0.001 U	0.02 U		10.7	0.02 U	
7/20/2010	XX	LFXXXX43G			F6			F6	F6			F6	F6		F6	F6	
10/19/2010	XX	LFXXXX46J			F6			F6	F6			F6	F6		F6	F6	
LF-UD-3B																	
4/15/2009	XX	LFXXXX349			F6			F6	F6			F6	F6		F6	F6	
7/8/2009	XX	LFXXXX37J			H2			H2	H2			H2	H2		H2	H2	
10/27/2009	XX	LFXXXX3FD			H2			H2	H2			H2	H2		H2	H2	
4/27/2010	XX	LFXXXX40D			F6			F6	F6			F6	F6		F6	F6	
7/20/2010	XX	LFXXXX43H			F6			F6	F6			F6	F6		F6	F6	
10/19/2010	XX	LFXXXX470			F6			F6	F6			F6	F6		F6	F6	
LF-UD-4																	
4/15/2009	XX	LFXXXX34A			0.002 J			0.0002 U	51.9			0.001 U	0.02 U		11.8	0.02 U	
7/8/2009	XX	LFXXXX380			H2			H2	H2			H2	H2		H2	H2	
10/27/2009	XX	LFXXXX3FE			H2			H2	H2			H2	H2		H2	H2	
4/27/2010	XX	LFXXXX40E			F6			F6	F6			F6	F6		F6	F6	
7/20/2010	XX	LFXXXX43I			F6			F6	F6			F6	F6		F6	F6	
10/19/2010	XX	LFXXXX471			F6			F6	F6			F6	F6		F6	F6	
LF-UD-5																	
4/27/2010	XX	LFXXXX40F			0.004 J			0.0002 U	46			0.001 U	0.02 U		9.6	0.02 U	
7/20/2010	XX	LFXXXX43J			0.007			0.0002 U	58.1			0.001 U	0.05		11.7	0.02 U	
10/19/2010	XX	LFXXXX472			0.007			0.0002 U	58.1			0.001 U	0.42		11.6	0.05	
LF-COMP																	
7/8/2009	XX	LFXXXXHG0			0.006			0.0002 U	40.2			0.001 U	0.02 U		8.4	0.02 U	
10/27/2009	XX	LFXXXXHBA			0.007			0.0002 U	54.1			0.001 U	0.05		10.8	0.02 U	
LP-LD-1																	
7/28/2004	XX	LPLD1X05I			0.006				100				0.2	0.001 U	21	0.02 J	
10/27/2004	XX	LPLD1X07A			0.001 J				55				0.41		9.3	0.03 J	
5/11/2005	XX	LPLD1X13B			0.004			0.0002 U	6.6			0.01 U	0.47		1.1	0.02 J	
7/27/2005	XX	LPLD1X16J			0.001 U			0.0002 U	65			0.002 J	0.03 J		6.9	0.06	
9/21/2005	XX	LPLD1X19H			0.005			0.0002 U	75			0.004	0.44		28	0.28	
5/24/2006	XX	LPLD1X1EC			0.001 J			0.0002 U	27			0.001 J	0.19		4.6	0.02 U	
7/25/2006	XX	LPLD1X1H9			0.005			0.0002 U	75			0.001 J	0.15		12	0.02 J	
9/11/2006	XX	LPLD1X202			0.005			0.0015	105			0.004	0.16		16	0.02 J	
5/16/2007	XX	LPLD1X239			0.003 J			0.0009	80			0.003	0.18		21	0.03 J	
7/25/2007	XX	LPLD1X27D			0.001 U			0.0002 U	115			0.001 J	0.17		15	0.25	
9/12/2007	XX	LPLD1X2A3			0.001 U			0.0002 J	140			0.001 U	4.7		16	1.56	
5/20/2008	XX	LPLD1X2DH			0.003 U			0.001 U	14.5			0.003 U	0.08		1.3	0.02 U	
7/28/2008	XX	LPLD1X2H1			0.002 U			0.0002 U	19.4			0.002 J	0.05		1.6	0.06	
10/29/2008	XX	LPLD1X2JB			0.002 U			0.0002 U	35.4			0.01 U	0.05		2.8	0.02 U	
4/15/2009	XX	LPLD1X32J			0.002 J			0.0002 U	94.6			0.001 U	0.02 J		14.8	0.05	
7/8/2009	XX	LPLD1X373			0.003 J			0.0002 U	14.6			0.001 J	0.39		2	0.04 J	
10/27/2009	XX	LPLD1X3EI			0.002 J			0.0006	17.9			0.001 U	0.02 U		1.2	0.02 U	

SEVEE & MAHER ENGINEERS, INC.
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(LP-UD-1)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
LP-UD-1																	
7/28/2004	XX	LPUD1X05G			D				D				D	D	D	D	
10/27/2004	XX	LPUD1X078			H2				H2				H2		H2	H2	
5/11/2005	XX	LPUD1X139			D			D	D			D	D		D	D	
7/27/2005	XX	LPUD1X16H			D			D	D			D	D		D	D	
9/21/2005	XX	LPUD1X19F			D			D	D			D	D		D	D	
5/24/2006	XX	LPUD1X1EA			D			D	D			D	D		D	D	
7/26/2006	XX	LPUD1X1H7			F6			F6	F6			F6	F6		F6	F6	
9/11/2006	XX	LPUD1X200			D			D	D			D	D		D	D	
5/16/2007	XX	LPUD1X237			F6			F6	F6			F6	F6		F6	F6	
7/25/2007	XX	LPUD1X27B			F6			F6	F6			F6	F6		F6	F6	
9/12/2007	XX	LPUD1X2A1			F6			F6	F6			F6	F6		F6	F6	
5/20/2008	XX	LPUD1X2DF			F6			F6	F6			F6	F6		F6	F6	
7/28/2008	XX	LPUD1X2GJ			D			D	D			D	D		D	D	
10/29/2008	XX	LPUD1X2J9			F6			F6	F6			F6	F6		F6	F6	
4/15/2009	XX	LPUD1X32H			F6			F6	F6			F6	F6		F6	F6	
7/8/2009	XX	LPUD1X371			F6			F6	F6			F6	F6		F6	F6	
10/27/2009	XX	LPUD1X3EG			F6			F6	F6			F6	F6		F6	F6	
4/27/2010	XX	LPUD1X3JF			F6			F6	F6			F6	F6		F6	F6	
7/20/2010	XX	LPUD1X42J			F6			F6	F6			F6	F6		F6	F6	
10/19/2010	XX	LPUD1X463			F6			F6	F6			F6	F6		F6	F6	
LP-UD-2																	
7/28/2004	XX	LPUD2X05H			0.003 J				60				0.03 J	0.001 U	16.5	0.02 J	
10/27/2004	XX	LPUD2X079			0.003 J				60				0.02 J		21	0.02 U	
5/11/2005	XX	LPUD2X13A			0.002 J			0.0002 U	36			0.01 J	0.04 J		12.5	0.02 U	
7/27/2005	XX	LPUD2X16I			0.002 J			0.0002 U	40			0.001 U	0.04 J		12.5	0.02 J	
9/21/2005	XX	LPUD2X19G			0.002 J			0.0002 U	42			0.003	0.02 J		12	0.02 U	
5/24/2006	XX	LPUD2X1EB			0.003 J			0.0002 J	34			0.003	0.13		10.5	0.05	
7/25/2006	XX	LPUD2X1H8			0.002 J			0.0002 U	33			0.001 J	0.04 J		10.5	0.02 U	
9/11/2006	XX	LPUD2X201			0.006			0.0016	31			0.001 U	0.02 J		8.1	0.02 U	
5/16/2007	XX	LPUD2X238			0.002 J			0.0005 J	37			0.002 J	0.07		12.5	0.02 J	
7/25/2007	XX	LPUD2X27C			0.001 J			0.0002 J	34			0.001 J	0.06		10.5	0.02 U	
9/12/2007	XX	LPUD2X2A2			0.001 U			0.0002 U	38			0.001 J	0.02 U		10.5	0.02 U	
5/20/2008	XX	LPUD2X2DG			0.003 J			0.001 U	36.9			0.003 U	0.02 U		10.9	0.02 U	
7/28/2008	XX	LPUD2X2H0			0.002 U			0.0002 U	33.5			0.001 U	0.02 J		9.2	0.02 U	
10/29/2008	XX	LPUD2X2JA			0.002 U			0.0002 U	34.4			0.01 U	0.02 U		9.9	0.02 U	
4/15/2009	XX	LPUD2X32I			0.002 U			0.0002 U	36.8			0.001 U	0.02 U		10.2	0.02 U	
7/8/2009	XX	LPUD2X372			0.005			0.0003 J	38.1			0.001 J	0.07		10.1	0.02 U	
10/27/2009	XX	LPUD2X3EH			0.003 J			0.0007	28.8			0.001 J	0.02 U		7.7	0.03 J	
4/27/2010	XX	LPUD2X3JG			0.004 J			0.0002 U	37.8			0.001 U	0.05		10.9	0.02 U	
7/20/2010	XX	LPUD2X430			0.011			0.0002 U	37			0.001 U	0.06		10.3	0.02 U	
10/19/2010	XX	LPUD2X464			0.005			0.0002 U	34.5			0.001 U	0.02 U		9.5	0.02 U	
LP-COMP																	
10/27/2004	XX	LPCOMPHD2			0.001 J				60				0.02 J		22	0.02 J	
LT-C4L																	
4/15/2009	XX	LTC4LX325	0.55	0.065	0.093	1.3	0.001 U	0.006	1759	0.072	0.02 J	0.036	42.8	0.024	442	8.5	0.0002 U
7/7/2009	XX	LTC4LX369			0.112			0.001 U	1387			0.009	43.3		514	5	

SEVEE & MAHER ENGINEERS, INC.
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(LT-C4L) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
10/28/2009	XX	LTC4LX3E4			0.075			0.0015	687			0.022	26.3		386	2.77	
4/28/2010	XX	LTC4LX3J3	0.429	0.005	0.107	1.873	0.0002 U	0.001	565	0.065	0.014	0.004	20.9	0.068	351	2.18	0.0002 U
7/20/2010	XX	LTC4LX427			0.099			0.0009	520			0.007	11.9		378	2.08	
10/19/2010	XX	LTC4LX45B			0.113			0.004	658			0.01 J	16.8		415	1.8	
MW-204																	
11/13/1990	XX	MW-20433190						0.005 U	31	0.01 U		0.02 U	2.4		7.4	1.2	
2/20/1991	XX	MW-20433289	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/3/1991	XX	MW-20433392						0.005 U	2.7	0.01 U		0.02 U	0.46		6.7	0.61	
9/16/1991	XX	MW-20433497						0.005 U	22	0.01 U		0.02 U	0.071		5.7	0.24	
12/17/1991	XX	GW204X001						0.005 U	19	0.01 U		0.02 U	0.059		5.4	0.13	
3/2/1992	XX	GW204X00I	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/23/1992	XX	GW204X01E						0.005 U	25	0.01 U		0.02 U	0.12		5.7	0.2	
8/17/1992	XX	GW204X02C						0.005 U	20	0.01 U		0.02 U	0.08		5.1	0.12	
1/26/1993	XX	GW204X038						0.005 U	18	0.01 U		0.02 U	0.06		4.4	0.057	
4/27/1993	XX	GW204X04C						0.005 U	14	0.01 U		0.02 U	0.03		4.3	0.005 U	
7/21/1993	XX	GW204X054						0.005 U	17	0.01 U		0.02 U	0.03 U		4.7	0.012	
10/12/1993	XX	GW204X05I						0.005 U	27	0.01 U		0.02 U	0.04		5.6	0.14	
1/11/1994	XX	GW204X06E						0.005 U	20	0.01 U		0.02 U	0.33		5.1	0.007	
5/21/1996	XX	GW204X093						0.0005 U	20	0.002 U		0.01 U	0.35		5.1	0.002	
11/25/1996	XX	GW204X0A2											0.008			0.002	
3/25/1997	XX	MW-204808-35514											0.017			0.023	
6/3/1997	XX	MW-204809-35584							18.1				0.05 U		4.5	0.02 U	
9/9/1997	XX	MW-204810-35682							18				0.05 U		5	0.02	
12/3/1997	XX	MW-204811-35767							18				0.05 U		5.6	0.02 U	
3/23/1998	XX	MW-204812-35877							17				0.16		6.6	0.02 U	
6/8/1998	XX	MW-204813-35954							19				0.14		6	0.02 U	
9/9/1998	XX	MW-204814-36047							20				0.05		6.5	0.02 U	
12/14/1998	XX	MW-204815-36143							20				0.05 U		5	0.02	
3/29/1999	XX	MW-204816-36248							19				0.05 U		3.9	0.01	
6/8/1999	XX	MW-204817-36319							18				0.04		5.2	0.05 U	
9/13/1999	XX	MW-204818-36416							17				0.06 U		4.6	0.05 U	
12/1/1999	XX	MW-204819-36495							22				0.02		6.1	0.05 U	
3/27/2000	XX	MW-204820-36612											0.11			0.01	
6/12/2000	XX	MW-204821-36689											0.019			0.01 U	
9/12/2000	XX	MW-204822-36781							21				0.033		6.1	0.021	
12/11/2000	XX	MW-204823-36871							21				0.049		5.9	0.022	
3/12/2001	XX	MW-204824-36962							23				0.038		6	0.03	
6/18/2001	XX	MW-204825-37060							24				0.1		6.8	0.022	
9/10/2001	XX	MW-204826-37144							24				0.068		6.4	0.052	
12/11/2001	XX	MW-204827-37236							24				0.079		6.4	0.044	
3/13/2002	XX	MW-204828-37328							30				0.11		8.5	0.047	
6/17/2002	XX	MW-204829-37424							39				0.24		12	0.087	
9/18/2002	XX	MW-204830-37517											0.29			0.16	
12/9/2002	XX	MW-204831-37599											0.11			0.032	
3/25/2003	XX	MW-204N37705							38				0.038		10	0.027	
6/25/2003	XX	MW-204N37797							36				0.012		11	0.058	
9/17/2003	XX	MW-204N37881							34				0.056		9.3	0.038	
1/29/2004	XX	GW204X03A			0.001 U				32				0.02 J		9.4	0.02 J	
5/4/2004	XX	GW204X008	0.2 U	0.002 U	0.004	0.1 J	0.0002 U	0.0002 J	27	0.002 U	0.003 U	0.009	0.05 J	0.002 U	8.5	0.02 J	0.0002 U

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Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
(MW-204)																	
7/27/2004	XX	GW204X03G	0.2 U	0.002 U	0.006	0.1 U	0.0005 J	0.0002 U	24	0.002 U	0.003 U	0.001 J	0.06	0.002 U	8.6	0.02 U	0.0002 U
10/25/2004	XX	GW204X07D			0.004				25				0.02 J		9.3	0.02 U	
5/9/2005	XX	GW204X13E			0.005			0.0002 U	20			0.01 U	0.04 J		7.3	0.02 J	
8/1/2005	XX	GW204X172			0.001 J			0.0002 U	26			0.002 J	0.04 J		8.7	0.02 J	
9/20/2005	XX	GW204X1A0			0.001 U			0.0002 J	35			0.004	0.05 J		10.5	0.02 U	
5/23/2006	XX	GW204X1EF			0.001 U			0.0002 U	22			0.004	0.05 J		7.2	0.02 U	
7/24/2006	XX	GW204X1HC			0.001 U			0.0002 U	22			0.001 U	0.03 J		7	0.02 J	
9/11/2006	XX	GW204X205			0.001 J			0.0002 J	22			0.001 U	0.03 J		7.6	0.02 J	
5/14/2007	XX	GW204X23C			0.002 J			0.0005 J	21			0.01	0.03 J		7.1	0.02 J	
7/23/2007	XX	GW204X27G			0.001 U			0.0002 U	23			0.001 U	0.05 J		8	0.02 U	
9/10/2007	XX	GW204X2A6			0.001 U			0.0002 U	30			0.002 J	0.02 J		9.2	0.02 J	
5/21/2008	XX	GW204X2E0			0.003 J			0.001 U	25.8			0.003 U	0.03 J		7.8	0.02 U	
7/30/2008	XX	GW204X2H4			0.002 U			0.0002 U	23.1			0.001 U	0.08		6.8	0.02 U	
10/28/2008	XX	GW204X2JE			0.002 U			0.0002 U	25.1			0.01 U	0.04 J		7.6	0.02 U	
4/13/2009	XX	GW204X332			0.002 U			0.0002 U	23.2			0.001 U	0.03 J		7.3	0.02 U	
7/6/2009	XX	GW204X376			0.005			0.0002 U	21.4			0.001 U	0.04 J		6.1	0.02 U	
10/26/2009	XX	GW204X3F1			0.009			0.0003 J	24.8			0.001 U	0.02 U		7.1	0.02 U	
4/28/2010	XX	GW204X400			0.003 J			0.0002 U	20.2			0.001 U	0.02 J		5.9	0.02 U	
7/19/2010	XX	GW204X434			0.006			0.0002 U	21.1			0.001 U	0.02 U		6.1	0.02 U	
10/19/2010	XX	GW204X468			0.004 J			0.0002 U	20.6			0.001 U	0.02 U		6	0.02 U	
MW-206																	
4/27/1993	XD	GW206X04E						0.005 U	17	0.01 U		0.02 U	0.3		4	0.007	
4/27/1993	XX	GW206X04I						0.005 U	17	0.01 U		0.02 U	0.22		3.8	0.005 U	
7/21/1993	XX	GW206X05A						0.005 U	17	0.01 U		0.02 U	0.29		4.3	0.006	
10/13/1993	XX	GW206X05J						0.005 U	16	0.01 U		0.02 U	0.12		3.8	0.005	
1/11/1994	XX	GW206X06F						0.005 U	17	0.01 U		0.02 U	0.22		4.3	0.005	
5/21/1996	XX	GW206X094						0.0005 U	15	0.002		0.01 U	0.25		4.5	0.003	
11/26/1996	XX	GW206X0A3											0.029			0.003	
3/25/1997	XX	MW-206824-35514											0.018			0.024	
6/2/1997	XX	MW-206825-35583							14.9				0.05 U		3.7	0.02 U	
9/8/1997	XX	MW-206826-35681							19				0.05		4.3	0.02	
12/3/1997	XX	MW-206827-35767							14				0.05		4.8	0.02	
3/23/1998	XX	MW-206828-35877							14				0.05		5	0.02 U	
6/8/1998	XX	MW-206829-35954							15				0.05 U		4.6	0.02 U	
9/8/1998	XX	MW-206830-36046							15				0.05 U		5.5	0.02 U	
12/14/1998	XX	MW-206831-36143							16				0.05 U		3.9	0.02 U	
3/29/1999	XX	MW-206832-36248							14				0.05 U		2.7	0.05 U	
6/8/1999	XX	MW-206833-36319							15				0.02		4.2	0.05 U	
9/15/1999	XX	MW-206834-36418							14				0.03		3.7	0.05 U	
12/1/1999	XX	MW-206835-36495							17				0.06 U		4.5	0.05 U	
3/27/2000	XX	MW-206836-36612											0.02			0.01 U	
6/12/2000	XX	MW-206837-36689											0.02			0.01 U	
9/13/2000	XX	MW-206838-36782							17				0.012		4.6	0.01 U	
12/11/2000	XX	MW-206839-36871							17				0.32		4.6	0.029	
3/13/2001	XX	MW-206840-36963							16				0.81		4.5	0.1	
6/18/2001	XX	MW-206841-37060							17				0.091		4.6	0.03	
9/10/2001	XX	MW-206842-37144							18				0.083		4.4	0.037	
12/12/2001	XX	MW-206843-37237							14				0.44		4	0.012	
3/13/2002	XX	MW-206844-37328							18				0.095		5	0.024	

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(MW-206) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
6/17/2002	XX	MW-206845-37424							18				0.027		4.9	0.02	
9/18/2002	XX	MW-206846-37517											0.05			0.025	
12/9/2002	XX	MW-206847-37599											0.83			0.068	
3/26/2003	XX	MW-206N37706							16				0.046		4.3	0.01 U	
6/25/2003	XX	MW-206N37797							17				0.31		4.6	0.029	
9/17/2003	XX	MW-206N37881							14				0.24		3.7	0.042	
5/6/2004	XX	GW206X010			0.004				16				0.08		4.6	0.02 J	
7/28/2004	XX	GW206X047			0.006				13				0.02 J	0.002 U	4.7	0.02 U	
10/26/2004	XX	GW206X062			0.006				15				0.3		4.5	0.02 J	
5/11/2005	XX	GW206X123			0.005			0.0005 J	14			0.01 U	0.13		4.3	0.02 U	
7/28/2005	XX	GW206X15B			0.005			0.0002 U	15			0.001 U	0.12		4.6	0.03 J	
9/19/2005	XX	GW206X189			0.007			0.0002 U	15			0.002 J	0.03 J		4.8	0.02 J	
5/24/2006	XX	GW206X1D4			0.007			0.0008	13			0.001 J	0.03 J		4.4	0.02 U	
7/25/2006	XX	GW206X1G1			0.008			0.0002 U	14			0.001 J	0.04 J		4.6	0.02 U	
9/12/2006	XX	GW206X1IE			0.001 J			0.0002 U	14			0.001 U	0.03 J		4.5	0.02 U	
5/14/2007	XX	GW206X221			0.006			0.0006	16			0.011	0.06		4.6	0.02 J	
7/25/2007	XX	GW206X265			0.004			0.0006	14			0.001 U	0.06		4.6	0.02 U	
9/11/2007	XX	GW206X28F			0.001 J			0.0009	16			0.001 U	0.02 J		4.4	0.02 U	
5/20/2008	XX	GW206X2C9			0.006 J			0.001 U	16			0.003 U	0.02 U		4.6	0.02 U	
7/29/2008	XX	GW206X2FD			0.003 J			0.0002 U	15.3			0.001 J	0.08		4.5	0.02 U	
10/27/2008	XX	GW206X2I3			0.003 J			0.0002 U	14.5			0.01 U	0.05		4.2	0.02 U	
4/13/2009	XX	GW206X31B			0.004 J			0.0003 J	16.8			0.001 U	0.02 U		5.1	0.02 U	
7/6/2009	XX	GW206X35F			0.007			0.0002 U	16.1			0.001 U	0.02 J		4.7	0.02 U	
10/28/2009	XX	GW206X3DA			0.009			0.0002 U	17			0.001 U	0.02 U		4.7	0.02 U	
4/26/2010	XX	GW206X3I9			0.005			0.0002 U	14.5			0.001 U	0.02 U		4	0.02 U	
7/19/2010	XX	GW206X41D			0.01			0.0005 J	14.8			0.001 U	0.02 U		4.3	0.02 U	
10/18/2010	XX	GW206X44H			0.015			0.0002 U	27.2			0.001 J	1.2		6.9	0.32	
MW-207																	
11/13/1990	XX	MW-20733190						0.005 U	15	0.01 U		0.02 U	0.28		10	1	
2/19/1991	XX	MW-20733288						0.005 U	13	0.01 U		0.02 U	0.11		8.4	0.32	
6/4/1991	XX	MW-20733393						0.005 U	16	0.01 U		0.02 U	2.6		11	1.9	
9/17/1991	XX	MW-20733498						0.005 U	9.9	0.01 U		0.02 U	0.77		6.9	0.85	
12/18/1991	XX	GW207X002						0.005 U	11	0.01 U		0.02 U	0.091		7.6	0.37	
3/2/1992	XX	GW207X00J	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/23/1992	XX	GW207X01F						0.005 U	13	0.01 U		0.02 U	0.05		8.1	0.13	
6/23/1992	XD	GW207X028						0.005 U	14	0.01 U		0.02 U	0.12		8.4	0.14	
8/17/1992	XX	GW207X02D						0.005 U	13	0.01 U		0.02 U	0.17		7.2	0.044	
1/26/1993	XX	GW207X039						0.005 U	11	0.01 U		0.02 U	0.17		6.3	0.085	
4/27/1993	XX	GW207X04D						0.005 U	11	0.01 U		0.02 U	0.26		5.8	0.031	
7/22/1993	XX	GW207X055						0.005 U	13	0.01 U		0.02 U	0.16		6.4	0.024	
10/13/1993	XX	GW207X060						0.005 U	15	0.01 U		0.02 U	0.14		6.5	0.71	
1/11/1994	XX	GW207X06G						0.005 U	13	0.01 U		0.02 U	0.03		7.2	0.065	
5/21/1996	XX	GW207X095						0.0005 U	12	0.002 U		0.01 U	0.05		6.6	0.029	
5/21/1996	XD	GWDP1X09A						0.0005 U	12	0.002 U		0.01	0.05		6.9	0.034	
11/26/1996	XX	GW207X0A4											1.83			2.2	
3/24/1997	XX	MW-207825-35513											0.12			0.72	
6/2/1997	XX	MW-207826-35583							16				0.57		7.6	1.27	
9/8/1997	XX	MW-207827-35681							18				1.05		11	1.45	
12/3/1997	XX	MW-207828-35767							12				0.75		6.7	0.81	

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(MW-207) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
3/23/1998	XX	MW-207829-35877							12				0.39		5.9	0.48	
6/8/1998	XX	MW-207830-35954							14				0.55		6.1	0.78	
9/8/1998	XX	MW-207831-36046							14				0.68		7	0.95	
12/14/1998	XX	MW-207832-36143							13				0.22		4.7	0.46	
3/29/1999	XX	MW-207833-36248							13				0.2		3.1	0.37	
6/8/1999	XX	MW-207834-36319							12				0.27		4.8	0.76	
9/13/1999	XX	MW-207835-36416							9.8				0.67		3.3	1.04	
12/1/1999	XX	MW-207836-36495							12				0.34		4.4	0.56	
3/27/2000	XX	MW-207837-36612											4.2			3.3	
6/12/2000	XX	MW-207838-36689											7.2			2.8	
9/12/2000	XX	MW-207839-36781							15				6.1		6.2	1.8	
12/11/2000	XX	MW-207840-36871							14				3.6		5.5	1.7	
3/13/2001	XX	MW-207841-36963							13				6.5		5.2	1.4	
6/18/2001	XX	MW-207842-37060							11				3.4		4	1.2	
9/10/2001	XX	MW-207843-37144							12				3.2		3.8	1.1	
12/11/2001	XX	MW-207844-37236							13				2.4		4.5	1.2	
3/13/2002	XX	MW-207845-37328							10				0.69		3.6	0.81	
6/17/2002	XX	MW-207846-37424							11				0.85		3.9	0.89	
9/18/2002	XX	MW-207847-37517											0.69			0.84	
12/9/2002	XX	MW-207848-37599											0.68			0.74	
3/26/2003	XX	MW-207N37706							12				0.11		3.9	0.18	
6/25/2003	XX	MW-207N37797							13				0.17		4.3	0.61	
9/17/2003	XX	MW-207N37881							11				0.58		3.7	0.98	
5/5/2004	XX	GW207X011			0.002 J				13				0.29		4.9	1.16	
7/28/2004	XX	GW207X048			0.007				12				1.55	0.002 U	5.3	1.37	
10/25/2004	XX	GW207X063			0.009				16				1.58		6.1	1.53	
5/12/2005	XX	GW207X124			0.001 J			0.0002 J	13			0.01 U	2.2		5.4	1.44	
8/1/2005	XX	GW207X15C			0.004			0.0002 U	15			0.001 J	2.2		5.6	1.34	
9/19/2005	XD	GWDP1X18F			0.009			0.0002 U	17			0.002 J	1.98		5.4	1.36	
9/19/2005	XX	GW207X18A			0.009			0.0003 J	17			0.001 J	2		5.4	1.38	
5/22/2006	XX	GW207X1D5			0.01			0.0004 J	14			0.001 U	2.6		5.3	1.28	
7/25/2006	XX	GW207X1G2			0.011			0.0002 J	16			0.002 J	2.3		6	1.38	
9/11/2006	XX	GW207X1IF			0.01			0.0004 J	19			0.001 U	2.1		6.7	1.34	
5/14/2007	XX	GW207X222			0.002 J			0.0005 J	20			0.006	0.34		6.9	0.46	
7/25/2007	XX	GW207X266			0.001 J			0.0005 J	22			0.002 J	3		7.9	1.82	
9/10/2007	XX	GW207X28G			0.003 J			0.0006	31			0.001 J	4.7		9.1	2	
5/19/2008	XX	GW207X2CA			0.003 U			0.001 U	31.6			0.003 U	1.05		8.9	0.47	
7/29/2008	XX	GW207X2FE			0.002 U			0.0002 U	29.6			0.001 U	1.73		7.9	1.9	
10/28/2008	XX	GW207X2I4			0.003 J			0.0002 U	35.2			0.01 U	5.51		9.4	2.24	
4/13/2009	XX	GW207X31C			0.007			0.0002 U	34			0.001 U	7.48		9.6	3.47	
7/6/2009	XX	GW207X35G			0.021			0.0003 J	39.3			0.001 U	11.6		9.5	3.42	
10/26/2009	XX	GW207X3DB			0.046			0.0002 J	43.7			0.001 J	17.6		14.1	4.02	
4/26/2010	XX	GW207X3IA			0.012			0.0002 U	46.5			0.001 U	12.2		19.5	4.33	
7/19/2010	XX	GW207X41E			0.011			0.0002 J	14.9			0.001 J	2.26		5.2	1.26	
10/18/2010	XX	GW207X44I			0.041			0.0002 U	55.4			0.001 U	23.2		19.1	5.48	
MW-212																	
11/13/1990	XX	MW-21233190	I	I	I	I	I	I	I	I		I	I	I	I	I	I
2/19/1991	XX	MW-21233288						0.005 U	23	0.01 U		0.022	0.073		2.8	0.085	
6/3/1991	XX	MW-21233392						0.005 U	14	0.01 U		0.02 U	0.051		2	0.08	

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(MW-212)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
9/16/1991	XX	MW-21233497						I	I	I		I	I	I	I	I	I
12/17/1991	XX	GW212X004						0.005 U	10	0.01 U		0.02 U	0.057		1.7	0.027	
3/2/1992	XX	GW212X011	I	I		I	I	I	I	I		I	I	I	I	I	I
6/23/1992	XX	GW212X01H	D	D		D	D	D	D	D		D	D	D	D	D	D
1/26/1993	XX	GW212X03B						D	D	D		D	D		D	D	
4/27/1993	XX	GW212X04G						0.006	23	0.01 U		0.02 U	0.05		3.5	0.024	
7/21/1993	XX	GW212X058						D	D	D		D	D		D	D	
10/12/1993	XX	GW212X062						D	D	D		D	D		D	D	
1/11/1994	XX	GW212X06I						0.005 U	13	0.01 U		0.02 U	0.03 U		2	0.007	
5/21/1996	XX	GW212X097						0.0005	6.1	0.002 U		0.01 U	0.05 U		1.47	0.003	
11/26/1996	XX	GW212X0A5											D			D	
3/24/1997	XX	MW-212826-35513							F				F		F	F	
6/2/1997	XX	MW-212827-35583							4.1				0.05 U		1	0.02 U	
3/23/1998	XX	MW-212830-35877							6.7				0.05 U		1.7	0.02 U	
6/8/1998	XX	MW-212831-35954							4.9				0.05 U		1.44	0.02 U	
3/29/1999	XX	MW-212834-36248							6.1				0.01		0.65	0.05 U	
6/8/1999	XX	MW-212835-36319							4.8				0.03		1.35	0.05 U	
12/1/1999	XX	MW-212837-36495							6.1				0.06 U		1.6	0.05 U	
3/27/2000	XX	MW-212838-36612											0.035			0.01 U	
6/12/2000	XX	MW-212839-36689											0.16			0.06	
3/13/2002	XX	MW-212840-37328							3.2				0.13		0	0.11	
6/17/2002	XX	MW-212841-37424							4.8				0.2		1.4	0.032	
3/26/2003	XX	MW-212N37706							5.9				0.079		1.7	0.017	
6/25/2003	XX	MW-212N37797							5.2				0.054		1.4	0.022	
5/5/2004	XX	GW212X00B	0.2 U	0.005	0.008	0.1 U	0.002 U	0.0002 J	3.8	0.002 U	0.003 U	0.001 J	0.11	0.004 J	1.09	0.02 J	0.0002 U
7/27/2004	XX	GW212X03J	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
10/27/2004	XX	GW212X07F			D				D				D		D	D	
5/12/2005	XX	GW212X13G			0.001 J			0.0002 J	3			0.01 U	0.34		0.91	0.03 J	
8/1/2005	XX	GW212X174			0.001 U			0.0002 U	2.1			0.002 J	0.15		1	0.02 U	
9/20/2005	XX	GW212X1A2			I			I	I			I	I		I	I	
5/22/2006	XX	GW212X1EH			0.002 J			0.0002 U	2.1			0.001 U	0.16		0.85	0.02 U	
7/25/2006	XX	GW212X1HE			0.002 J			0.0002 U	2.5			0.001 J	0.13		0.97	0.02 J	
9/11/2006	XX	GW212X207			I			I	I			I	I		I	I	
5/14/2007	XX	GW212X23E			0.001 J			0.0002 J	3.5			0.006	0.16		1.25	0.02 U	
7/24/2007	XX	GW212X27I			D			D	D			D	D		D	D	
9/10/2007	XX	GW212X2A8			D			D	D			D	D		D	D	
5/19/2008	XX	GW212X2E2			0.003 U			0.001 U	7			0.003 U	0.06		2	0.02 U	
7/29/2008	XX	GW212X2H6			D			D	D			D	D		D	D	
10/28/2008	XX	GW212X2JG			D			D	D			D	D		D	D	
4/13/2009	XX	GW212X334			0.002 U			0.0002 J	10.9			0.001 U	0.03 J		2.8	0.02 U	
7/6/2009	XX	GW212X378			0.006			0.0002 J	11.4			0.002 J	1.77		3	0.16	
10/26/2009	XX	GW212X3F3			D			D	D			D	D		D	D	
4/26/2010	XX	GW212X402			0.003 J			0.0002 U	18.8			0.001 U	0.06		4.6	0.02 U	
7/19/2010	XX	GW212X436			D			D	D			D	D		D	D	
10/18/2010	XX	GW212X46A			D			D	D			D	D		D	D	
MW-216A																	
11/12/1990	XX	MW-216A33189						0.005 U	11	0.01 U		0.02 U	0.07		5.6	0.012	
2/19/1991	XX	MW-216A33288						0.005 U	23	0.039		0.024	33		18	0.67	
6/4/1991	XX	MW-216A33393						0.005 U	10	0.01 U		0.02 U	0.03 U		4.5	0.005 U	

SEVEE & MAHER ENGINEERS, INC.
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(MW-216A)

Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
9/16/1991	XX	MW-216A33497						0.005 U	12	0.01 U		0.02 U	0.054		5.4	0.014	
12/17/1991	XX	GW216A005						0.005 U	11	0.01 U		0.02 U	0.03 U		4.9	0.009	
3/2/1992	XX	GW216A012						0.005 U	11	0.01 U		0.02 U	0.07		5.1	0.007	
6/23/1992	XX	GW216A01I						0.005 U	11	0.01 U		0.02 U	0.03		5.1	0.009	
8/17/1992	XX	GW216A02H						0.005 U	12	0.01 U		0.02 U	0.07		5.3	0.005 U	
1/26/1993	XX	GW216A03C						0.005 U	12	0.01 U		0.02 U	0.03 U		4.9	0.011	
4/27/1993	XX	GW216A042						0.005 U	13	0.01 U		0.02 U	0.07		5	0.008	
7/21/1993	XX	GW216A04J						0.005 U	13	0.01 U		0.02 U	0.03 U		5.5	0.005	
10/13/1993	XX	GW216A063						0.005 U	11	0.01 U		0.02 U	0.03		4	0.012	
1/11/1994	XX	GW216A06J						0.005 U	15	0.01 U		0.02 U	0.03 U		5.2	0.008	
5/21/1996	XX	GW216A098						0.0005 U	14	0.002 U		0.01	0.05 U		5.7	0.004	
11/25/1996	XX	GW216A0A6											0.013			0.023	
3/25/1997	XX	MW-216A809-35514											0.033			0.015	
6/2/1997	XX	MW-216A810-35583							13.5				0.05 U		5.1	0.02 U	
9/9/1997	XX	MW-216A811-35682							15				0.05 U		7.2	0.03	
12/3/1997	XX	MW-216A812-35767							12				0.07		6.2	0.02	
3/25/1998	XX	MW-216A813-35879							13				0.21		6.3	0.02	
6/11/1998	XX	MW-216A814-35957							13				0.05 U		5.8	0.02	
9/8/1998	XX	MW-216A815-36046							13				0.05		6.7	0.02	
12/14/1998	XX	MW-216A816-36143							12				0.05		5.2	0.02	
3/30/1999	XX	MW-216A817-36249							14				0.01		5	0.03	
6/9/1999	XX	MW-216A818-36320							13				0.05 U		5.5	0.05 U	
9/14/1999	XX	MW-216A819-36417							12				0.06 U		5.1	0.05 U	
12/2/1999	XX	MW-216A820-36496							13				0.06		5.6	0.05 U	
3/28/2000	XX	MW-216A821-36613											0.1			0.014	
6/13/2000	XX	MW-216A822-36690							14				0.23		6.1	0.012	
9/13/2000	XX	MW-216A823-36782							14				0.63		6.2	0.027	
12/12/2000	XX	MW-216A824-36872							13				0.027		5.6	0.013	
3/14/2001	XX	MW-216A825-36964							12				0.17		5.4	0.017	
6/19/2001	XX	MW-216A826-37061							14				0.15		5.6	0.021	
9/11/2001	XX	MW-216A827-37145							16				0.12		5.7	0.029	
12/12/2001	XX	MW-216A828-37237							13				0.2		5.9	0.02	
3/14/2002	XX	MW-216A829-37329											0.079			0.015	
6/18/2002	XX	MW-216A830-37425							15				0.17		6.4	0.02	
9/19/2002	XX	MW-216A831-37518							19				0.042		6.3	0.036	
12/10/2002	XX	MW-216A832-37600											0.35			0.02	
3/26/2003	XX	MW-216AN37706							14				0.11		5.7	0.015	
6/26/2003	XX	MW-216AN37798							15				0.034		5.5	0.01 U	
9/18/2003	XX	MW-216AN37882							10				0.063		4	0.011	
5/6/2004	XX	GW216AHA0			0.012				14				0.06		6.2	0.05	
7/26/2004	XD	GWDP3X055			0.014				12				0.04 J	0.002 J	6.5	0.15	
7/26/2004	XX	GW216A057			0.016				12				0.04 J	0.002 U	6.6	0.17	
10/26/2004	XX	GW216A070			0.018				13				0.45		6.4	0.25	
5/10/2005	XD	GWDP1X129			0.012			0.0002 U	12			0.01 U	0.07		6.2	0.02 J	
5/10/2005	XX	GW216A131			0.015			0.0002 U	12			0.01 U	0.07		6.2	0.03 J	
7/27/2005	XX	GW216A169			0.014			0.0002 U	14			0.001 J	0.09		6.4	0.08	
9/22/2005	XX	GW216A197			0.012			0.0002 U	14			0.001 J	0.05 J		6.2	0.04 J	
5/23/2006	XD	GWDP5X1FC			0.011			0.0004 J	13			0.001 J	0.2		6.6	0.55	
5/23/2006	XX	GW216A1E2			0.01			0.0003 J	12			0.001 J	0.18		6.7	0.54	
7/25/2006	XX	GW216A1GJ			0.015			0.0002 J	14			0.006	0.94		7.2	0.67	

SUMMARY REPORT

Metal (part 1 of 2)

SEVEE & MAHER ENGINEERS, INC.
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Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
(MW-216A)																	
9/12/2006	XX	GW216A1JC			0.008			0.0002 U	15			0.001 U	0.36		7.2	0.23	
9/12/2006	XD	GWDP4X1JH			0.009			0.0002 U	15			0.001 U	0.36		7.1	0.22	
5/15/2007	XX	GW216A22J			0.016			0.0006	13			0.001 J	0.42		6.4	0.05	
5/15/2007	XD	GWDP5X243			0.014			0.0005 J	13			0.002 J	0.38		6.5	0.05	
7/24/2007	XX	GW216A273			0.008			0.0004 J	14			0.008	0.04 J		6.5	0.02 U	
9/10/2007	XD	GWDP3X29C			0.012			0.0002 J	18			0.001 U	0.11		5.9	0.06	
9/10/2007	XX	GW216A29D			0.01			0.0003 J	17			0.001 U	0.12		6	0.05	
5/20/2008	XX	GW216A2D7			0.016			0.001 U	15.2			0.003 U	0.04 J		6.5	0.02 U	
5/20/2008	XD	GWDP5X2EB			0.016			0.001 U	14.9			0.003 U	0.04 J		6.4	0.02 U	
7/28/2008	XX	GW216A2GB			0.012			0.0002 U	13.9			0.001 U	0.14		5.8	0.05	
10/28/2008	XX	GW216A2J1			0.015			0.0003 J	14.8			0.01 U	0.55		6.6	0.11	
4/14/2009	XX	GW216A329			0.016			0.0002 U	16.8			0.001 U	0.02 U		7.3	0.02 U	
7/7/2009	XX	GW216A36D			DE			DE	DE			DE	DE		DE	DE	
MW-216B																	
11/12/1990	XX	MW-216B33189						0.005 U	18	0.01 U		0.02 U	0.12		5.8	0.11	
2/19/1991	XX	MW-216B33288						0.005 U	12	0.01 U		0.02 U	0.091		4	0.056	
6/4/1991	XD	MW-216BXD33393						0.005 U	12	0.01 U		0.02 U	0.03 U		4	0.072	
6/4/1991	XX	MW-216B33393						0.005 U	11	0.01 U		0.02 U	0.03 U		3.9	0.075	
9/16/1991	XD	MW-216BXD33497						0.005 U	14	0.016 U		0.02	0.013		4.5	0.047	
9/16/1991	XX	MW-216B33497						0.005 U	13	0.01 U		0.02 U	0.051		4.5	0.044	
12/17/1991	XX	GW216B007						0.005 U	8.8	0.01 U		0.02 U	0.03 U		3	0.071	
12/17/1991	XD	GW216B00F						0.005 U	8.7	0.01 U		0.02 U	0.03 U		2.9	0.068	
3/2/1992	XX	GW216B014						0.005 U	9	0.01 U		0.02 U	0.05		3.1	0.055	
6/23/1992	XX	GW216B01J						0.005 U	10	0.01 U		0.02 U	0.03		3.3	0.065	
8/17/1992	XX	GW216B02I						0.005 U	11	0.01		0.02 U	0.14		3.4	0.039	
1/26/1993	XX	GW216B03D						0.005 U	14	0.01 U		0.02 U	0.03		4.5	0.005 U	
4/27/1993	XX	GW216B043						0.005 U	12	0.01 U		0.02 U	0.06		3.5	0.005	
7/21/1993	XX	GW216B050						0.005 U	12	0.01 U		0.02 U	0.04		4.1	0.006	
10/13/1993	XD	GW216B066						0.005 U	17	0.01 U		0.02 U	0.09		4.8	0.009	
10/13/1993	XX	GW216X064						0.005 U	17	0.01 U		0.02 U	0.07		4.7	0.008	
1/11/1994	XX	GW216B070						0.005 U	16	0.01 U		0.02 U	0.03 U		5.2	0.005 U	
1/11/1994	XD	GW216B071						0.005 U	16	0.01 U		0.02 U	0.03 U		5.1	0.005 U	
5/21/1996	XX	GW216B099						0.0005 U	13	0.002 U		0.01	0.05 U		4.9	0.001	
11/25/1996	XX	GW216B0A7											0.005			0.045	
3/25/1997	XX	MW-216B810-35514											0.022			0.027	
6/2/1997	XX	MW-216B811-35583							13.6				0.05 U		4.6	0.02 U	
9/9/1997	XX	MW-216B812-35682							14				0.05 U		4.8	0.05	
12/3/1997	XX	MW-216B813-35767							12				0.52		5.6	0.04	
3/25/1998	XD	MW-216B815-35955							15				0.05 U		5.3	0.02 U	
3/25/1998	XX	MW-216B814-35879											0.05 U			0.02 U	
9/8/1998	XX	MW-216B816-36046							16				0.05 U		6.5	0.02 U	
12/14/1998	XX	MW-216B817-36143							18				0.05 U		5.5	0.02 U	
3/30/1999	XX	MW-216B818-36249							17				0.01		4.3	0.05 U	
6/9/1999	XX	MW-216B819-36320							12				0.05 U		4.3	0.05	
9/14/1999	XX	MW-216B820-36417							13				0.06 U		3.6	0.05 U	
12/2/1999	XX	MW-216B821-36496							8.5				0.06		3.4	0.1	
3/28/2000	XX	MW-216B822-36613											0.022			0.095	
6/13/2000	XX	MW-216B823-36690							18				0.011		6.4	0.12	
9/13/2000	XX	MW-216B824-36782							12				0.03		4.5	0.074	

SEVEE & MAHER ENGINEERS, INC.
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(MW-216B) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
12/12/2000	XX	MW-216B825-36872							16				0.028		5.4	0.061	
3/14/2001	XX	MW-216B826-36964											0.024			0.01 U	
6/19/2001	XX	MW-216B827-37061							19				0.44		6.7	0.027	
9/11/2001	XX	MW-216B828-37145							16				0.062		5.2	0.029	
12/12/2001	XX	MW-216B829-37237							11				0.066		4.2	0.067	
3/14/2002	XX	MW-216B830-37329											0.03			0.01 U	
6/18/2002	XX	MW-216B831-37425							18				0.032		6.8	0.087	
9/19/2002	XX	MW-216B832-37518							14				0.35		5.5	0.025	
12/10/2002	XX	MW-216B833-37600											0.065			0.03	
3/26/2003	XX	MW-216BN37706							20				0.01 U		6.7	0.01 U	
6/26/2003	XX	MW-216BN37798							15				0.019		5.2	0.1	
9/18/2003	XX	MW-216BN37882							15				0.016		4.9	0.019	
5/6/2004	XX	GW216B013			0.002 J				14				0.06		5.1	0.03 J	
5/6/2004	XD	GWDP1X017			0.002 J				14				0.05 J		5	0.03 J	
7/26/2004	XX	GW216B049			0.006				8.1				0.03 J	0.002 U	4.8	0.06	
10/26/2004	XD	GWDP1X068			0.004				4.4				0.02 J		3.1	0.1	
10/26/2004	XX	GW216B064			0.005				4.5				0.03 J		3.2	0.1	
5/10/2005	XX	GW216B125			0.001 J			0.0002 U	4.9			0.01 J	0.08		3.2	0.05	
7/27/2005	XX	GW216B15D			0.002 J			0.0002 U	15			0.001 U	0.02 J		7	0.09	
7/27/2005	XD	GWDP3X168			0.001 U			0.0002 U	14			0.001 U	0.02 J		7.1	0.1	
9/22/2005	XX	GW216B18B			0.001 U			0.0002 U	6.2			0.002 J	0.04 J		3.2	0.12	
5/23/2006	XX	GW216B1D6			0.011			0.0002 U	14			0.001 J	20		6.2	2.6	
7/25/2006	XX	GW216B1G3			0.011			0.0008	6.3			0.002 J	13		4.5	1.42	
7/25/2006	XD	GWDP1X1G7			0.011			0.0006	6.4			0.002 J	13.5		4.4	1.41	
9/12/2006	XX	GW216B1IG			0.005			0.0002 U	4.3			0.001 U	11		3.8	1.09	
5/15/2007	XX	GW216B223			0.004			0.0006	7.7			0.002 J	6.2		5.7	0.8	
7/24/2007	XX	GW216B267			0.001 J			0.0003 J	10			0.004	3.8		5.2	0.49	
7/24/2007	XD	GWDP1X26B			0.001 J			0.0003 J	11			0.004	3.8		5.3	0.5	
9/10/2007	XX	GW216B28H			0.001 J			0.0002 J	12			0.001 J	1.53		4.9	0.45	
5/20/2008	XX	GW216B2CB			0.007 J			0.001 J	20.9			0.003 U	1.49		8.8	0.89	
7/28/2008	XX	GW216B2FF			0.002 U			0.0002 U	34.6			0.001 U	2.95		13.8	1	
7/28/2008	XD	GWDP1X2FJ			0.002 U			0.0002 U	34.4			0.001 U	3.21		13.8	1.01	
10/28/2008	XX	GW216B2I5			0.002 J			0.0002 U	13.9			0.01 U	3.29		7.4	0.61	
4/14/2009	XX	GW216B31D			0.002 J			0.0002 U	11.3			0.001 U	1.88		6	0.54	
7/7/2009	XX	GW216B35H			DE			DE	DE			DE	DE		DE	DE	
MW-216BR																	
12/8/2009	XX	GW216B3GG			0.015			0.0002 U	30.7			0.001 U	0.13		11	0.68	
4/27/2010	XX	GW216B3IB			0.007			0.0002 U	27			0.001 U	0.25		9.8	0.17	
7/20/2010	XX	GW216B41F			0.011			0.0002 U	24			0.001 U	0.19		8.8	0.14	
10/19/2010	XX	GW216B44J			0.008			0.0002 U	25.2			0.001 U	0.19		9.2	0.12	
MW-223A																	
11/12/1990	XX	MW-223A33189						0.005 U	28	0.01 U		0.02 U	0.03		3.2	0.005 U	
2/19/1991	XX	MW-223A33288	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/3/1991	XX	MW-223A33392						0.005 U	25	0.01 U		0.02 U	0.03 U		2.7	0.005 U	
9/16/1991	XX	MW-223A33497						0.005 U	23	0.015		0.02 U	0.099		2.8	0.005	
12/17/1991	XX	GW223A008	F	F	F	F	F	F	F	F		F	F	F	F	F	F
3/2/1992	XX	GW223A016	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/23/1992	XX	GW223A020						0.005 U	26	0.01 U		0.02 U	0.03 U		2.8	0.005 U	

SEVEE & MAHER ENGINEERS, INC.
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(MW-223A)

Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
8/17/1992	XX	GW223A02J						0.005 U	23	0.01 U		0.02 U	0.03 U		2.7	0.005 U	
1/26/1993	XX	GW223A03E						F	F	F		F	F		F	F	
4/27/1993	XX	GW223A044						0.005 U	27	0.01 U		0.02 U	0.03 U		2.8	0.005 U	
7/21/1993	XD	GW223A056						0.005 U	24	0.01 U		0.02 U	0.03 U		2.8	0.005 U	
7/21/1993	XX	GW223A05B						0.005 U	25	0.01 U		0.02 U	0.03 U		2.8	0.005 U	
10/12/1993	XX	GW223X065						0.005 U	24	0.01 U		0.02 U	0.06		2.4	0.005 U	
1/11/1994	XX	GW223A072						F	F	F		F	F		F	F	
5/21/1996	XX	GW223A09B						0.0005 U	24	0.002 U		0.01 U	0.05 U		2.8	0.001	
11/25/1996	XX	GW223A0A8											0.005			0.003	
3/24/1997	XX	MW-223A811-35513							F				F		F	F	
6/3/1997	XX	MW-223A812-35584							25				0.05 U		2.6	0.02 U	
9/10/1997	XX	MW-223A813-35683							24				0.05		2.7	0.11	
12/4/1997	XX	MW-223A814-35768							24				0.05		3.3	0.02 U	
6/11/1998	XX	MW-223A816-35957							26				0.05 U		3.2	0.02 U	
9/9/1998	XX	MW-223A817-36047							25				0.05 U		3.8	0.02 U	
12/15/1998	XX	MW-223A818-36144							27				0.05 U		2.6	0.02 U	
3/30/1999	XX	MW-223A819-36249							27				0.02		2.3	0.05 U	
6/9/1999	XX	MW-223A820-36320							28				0.02		3.1	0.01	
9/14/1999	XX	MW-223A821-36417							24				0.02		2.5	0.05 U	
12/2/1999	XX	MW-223A822-36496							28				0.02		3.1	0.02	
3/28/2000	XX	MW-223A823-36613											0.075			0.01 U	
6/13/2000	XX	MW-223A824-36690							29				0.036		3.4	0.01 U	
9/13/2000	XX	MW-223A825-36782							29				0.081		3.5	0.01 U	
12/12/2000	XX	MW-223A826-36872							30				0.059		3.6	0.01 U	
6/19/2001	XX	MW-223A827-37061							30				0.039		3.4	0.01 U	
9/11/2001	XX	MW-223A828-37145							30				0.052		3.5	0.01 U	
12/11/2001	XX	MW-223A829-37236							33				0.06		3.8	0.017	
3/14/2002	XX	MW-223A830-37329											0.43			0.015	
6/18/2002	XX	MW-223A831-37425							29				0.08		3.4	0.01 U	
9/19/2002	XX	MW-223A832-37518							34				0.093		3.7	0.01 U	
12/10/2002	XX	MW-223A833-37600											120			4	
3/25/2003	XX	MW-223AN37705							31				0.087		3	0.01 U	
3/25/2003	XD	MW-223AD37705							30				0.017		3	0.01 U	
6/26/2003	XX	MW-223AN37798							31				0.11		3.1	0.01 U	
9/18/2003	XX	MW-223AN37882							26				0.12		2.7	0.01 U	
5/5/2004	XX	GW223A014			0.004				23				0.04 J		3.7	0.02 U	
7/28/2004	XD	GWDP1X04D			0.001 U				30				0.03 J	0.002 U	3.3	0.02 U	
7/28/2004	XX	GW223A04A			0.001 U				29				0.02 J	0.002 J	3.3	0.02 U	
10/25/2004	XX	GW223A065			0.001 U				27				0.06		3.3	0.02 J	
5/10/2005	XD	GWDP3X130			0.002 J			0.0002 U	29			0.01 U	0.06		3.2	0.02 U	
5/10/2005	XX	GW223A126			0.002 J			0.0002 U	28			0.01 U	0.07		3.1	0.02 U	
7/26/2005	XX	GW223A15E			0.001 U			0.0002 U	28			0.002 J	0.05 J		3.3	0.02 U	
9/21/2005	XX	GW223A18C			0.001 J			0.0002 U	29			0.003	0.02 J		3.1	0.02 U	
5/24/2006	XD	GWDP1X1DA			0.01			0.0003 J	29			0.001 J	0.05 J		3	0.02 U	
5/24/2006	XX	GW223A1D7			0.011			0.0002 J	28			0.002 J	0.05 J		3.1	0.02 U	
7/26/2006	XD	GWDP5X1I3			0.003 J			0.0002 U	27			0.001 J	0.07		3.2	0.02 U	
7/26/2006	XX	GW223A1G4			0.003 J			0.0002 U	28			0.001 J	0.07		3.3	0.02 U	
9/13/2006	XX	GW223A1IH			0.001 J			0.0006	30			0.001 U	0.07		3.2	0.02 J	
9/13/2006	XD	GWDP5X20G			0.001 U			0.0005 J	31			0.001 U	0.05 J		3.3	0.02 J	
5/15/2007	XX	GW223A224			0.002 J			0.0003 J	29			0.004	0.03 J		3.5	0.02 J	

SEVEE & MAHER ENGINEERS, INC.
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(MW-223A) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
5/15/2007	XD	GWDP1X227			0.002 J			0.0003 J	30			0.002 J	0.02 J		3.5	0.02 J	
7/24/2007	XX	GW223A268			0.001 U			0.0005 J	28			0.001 J	0.02 J		3.7	0.02 U	
7/24/2007	XD	GWDP5X287			0.001 J			0.0003 J	27			0.001 J	0.02 J		3.5	0.02 U	
9/11/2007	XX	GW223A28I			0.001 U			0.0005 J	32			0.001 U	0.03 J		3.2	0.02 J	
5/20/2008	XX	GW223A2CC			0.003 U			0.001 U	34.8			0.003 U	0.02 U		3.9	0.02 U	
5/20/2008	XD	GWDP1X2CF			0.003 U			0.001 U	34.7			0.003 U	0.02 U		3.8	0.02 U	
7/30/2008	XX	GW223A2FG			0.002 U			0.0002 U	30.6			0.001 U	0.02 J		3.3	0.02 U	
7/30/2008	XD	GWDP5X2HF			0.002 U			0.0002 U	31.3			0.001 U	0.05		3.4	0.02 U	
10/28/2008	XX	GW223A2I6			0.002 U			0.0002 U	33.3			0.01 U	0.03 J		3.7	0.02 U	
4/14/2009	XD	GWDP1X31H			0.002 U			0.0002 U	64.2			0.001 U	0.02 U		8.5	0.02 U	
4/14/2009	XX	GW223A31E			0.002 U			0.0002 U	60.9			0.001 U	0.02 U		8.2	0.02 U	
7/7/2009	XX	GW223A35I			0.002 U			0.0002 U	43.1			0.001 J	0.08		4.7	0.02 U	
10/27/2009	XX	GW223A3DD			0.004 J			0.0002 U	43.9			0.001 U	0.02 J		4.8	0.02 U	
10/27/2009	XD	GWDP4X3ED			0.003 J			0.0002 U	44.1			0.001 U	0.02 U		4.9	0.02 U	
4/27/2010	XD	GWDP1X3IF			0.004 J			0.0002 U	46.8			0.001 U	0.02 J		5.1	0.02 U	
4/27/2010	XX	GW223A3IC			0.003 J			0.0002 U	48.6			0.001 U	0.02 U		5.2	0.02 U	
7/20/2010	XX	GW223A41G			0.006			0.0002 U	48.9			0.001 U	0.02 U		5.2	0.02 U	
10/19/2010	XD	GWDP1X453			0.006			0.0002 U	48.2			0.001 U	0.02 U		5.3	0.02 U	
10/19/2010	XX	GW223A450			0.006			0.0002 U	48.7			0.001 U	0.02 U		5.4	0.02 U	
MW-223B																	
11/12/1990	XX	MW-223B33189						0.005 U	17	0.01 U		0.02 U	0.13		3.9	0.11	
2/19/1991	XX	MW-223B33288	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/3/1991	XX	MW-223B33392						0.005 U	17	0.01 U		0.02 U	0.031		4.1	0.005 U	
9/16/1991	XX	MW-223B33497						0.005 U	17	0.01 U		0.02 U	0.15		4.3	0.008	
12/17/1991	XX	GW223B009	F	F	F	F	F	F	F	F		F	F	F	F	F	F
3/2/1992	XX	GW223B017	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/23/1992	XX	GW223B022						0.005 U	19	0.01 U		0.02 U	0.06		4.8	0.005 U	
8/17/1992	XX	GW223B030						0.005 U	20	0.01 U		0.02 U	0.06		4.6	0.015	
1/26/1993	XX	GW223B03F						F	F	F		F	F		F	F	
4/27/1993	XX	GW223B045						0.005 U	18	0.01 U		0.02 U	0.07		3.9	0.005 U	
7/21/1993	XX	GW223B05C						0.005 U	18	0.01 U		0.02 U	0.05		4.3	0.005	
10/12/1993	XX	GW223B067						0.005 U	18	0.01 U		0.02 U	0.03 U		3.7	0.01	
1/11/1994	XX	GW223B073						F	F	F		F	F		F	F	
5/21/1996	XX	GW223B09C						0.0005 U	17	0.002 U		0.01 U	0.05		3.9	0.001 U	
11/25/1996	XX	GW223B0A9											0.009			0.001 U	
3/24/1997	XX	MW-223B812-35513							F				F		F	F	
6/3/1997	XX	MW-223B813-35584							19.6				0.05 U		3.8	0.02 U	
9/10/1997	XX	MW-223B814-35683							16				0.05 U		4.2	0.02	
12/4/1997	XX	MW-223B815-35768							18				0.34		5.2	0.02 U	
6/8/1998	XX	MW-223B817-35954							17				0.05 U		4.3	0.02 U	
9/9/1998	XX	MW-223B818-36047							20				0.05 U		5.3	0.02 U	
12/15/1998	XX	MW-223B819-36144							21				0.05 U		4.1	0.02 U	
3/30/1999	XX	MW-223B820-36249							19				0.02		3.8	0.01	
6/9/1999	XX	MW-223B821-36320							19				0.05		4.1	0.01	
9/14/1999	XX	MW-223B822-36417							20				0.11		3.7	0.05 U	
12/2/1999	XX	MW-223B823-36496							22				0.03		4.7	0.05 U	
3/28/2000	XX	MW-223B824-36613											0.17			0.035	
6/13/2000	XX	MW-223B825-36690							24				0.054		5.7	0.033	
9/13/2000	XX	MW-223B826-36782							22				0.31		5.1	0.053	

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(MW-223B) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
12/12/2000	XX	MW-223B827-36872							24				0.053		5.4	0.015	
6/19/2001	XX	MW-223B828-37061							25				0.13		5.7	0.03	
9/11/2001	XX	MW-223B829-37145							26				0.52		5.5	0.063	
12/11/2001	XX	MW-223B830-37236							27				0.29		5.9	0.16	
3/14/2002	XX	MW-223B831-37329											0.19			0.069	
6/18/2002	XX	MW-223B832-37425							36				0.07		8.2	0.033	
9/19/2002	XX	MW-223B833-37518							27				0.077		5.8	0.025	
12/10/2002	XX	MW-223B834-37600											0.55			0.026	
3/25/2003	XX	MW-223BN37705							28				0.027		6	0.032	
6/26/2003	XD	MW-223BD37798							27				0.052		5.6	0.035	
6/26/2003	XX	MW-223BN37798							27				0.049		5.5	0.034	
9/18/2003	XX	MW-223BN37882							20				0.083		4.4	0.015	
5/5/2004	XX	GW223B00A	0.2 U	0.002 U	0.002 J	0.1 U	0.0002 U	0.0002 U	24	0.002 U	0.003 U	0.002 J	0.03 J	0.002 U	6.2	0.02 J	0.0002 U
7/27/2004	XX	GW223B03I	0.2 U	0.002 U	0.002 J	0.1 U	0.0002 U	0.0002 U	25	0.002 J	0.003 U	0.002 J	0.04 J	0.002 J	6.5	0.02 U	0.0002 U
10/25/2004	XX	GW223B07E			0.002 J				25				0.14		6.4	0.02 U	
5/10/2005	XX	GW223B13F			0.003 J			0.0002 U	24			0.01 U	0.07		6.3	0.02 U	
7/26/2005	XX	GW223B173			0.001 U			0.0002 U	26			0.001 U	0.07		6.8	0.02 U	
9/21/2005	XX	GW223B1A1			0.001 J			0.0002 U	26			0.001 J	0.04 J		6.5	0.02 U	
5/24/2006	XX	GW223B1EG			0.009			0.0009	25			0.001 J	0.18		6.5	0.02 U	
7/26/2006	XX	GW223B1HD			0.003 J			0.0002 U	25			0.001 U	0.06		6.7	0.02 U	
9/13/2006	XX	GW223B206			0.001 J			0.0002 U	27			0.001 J	0.12		6.9	0.02 J	
5/15/2007	XX	GW223B23D			0.002 J			0.0002 J	27			0.002 J	0.08		7.2	0.02 J	
7/24/2007	XX	GW223B27H			0.001 U			0.0002 J	26			0.001 J	0.03 J		7.3	0.02 U	
9/11/2007	XX	GW223B2A7			0.001 U			0.0002 U	30			0.001 U	0.07		7	0.02 J	
5/20/2008	XX	GW223B2E1			0.003 U			0.001 U	35.2			0.003 U	0.04 J		8.9	0.02 U	
7/30/2008	XX	GW223B2H5			0.002 U			0.0002 U	32.9			0.001 U	0.02 J		7.8	0.02 U	
10/28/2008	XX	GW223B2JF			0.002 U			0.0002 U	35.8			0.01 U	0.03 J		8.7	0.02 U	
4/14/2009	XX	GW223B333			0.002 U			0.0002 U	33.5			0.001 U	0.14		8.5	0.02 U	
7/7/2009	XX	GW223B377			0.002 U			0.0002 U	37.8			0.001 U	0.02 J		9.4	0.02 U	
7/7/2009	XD	GWDP4X36I			0.002 U			0.0002 U	40			0.001 U	0.02 J		9.6	0.02 U	
10/27/2009	XX	GW223B3F2			0.005			0.001	41.9			0.001 U	0.02 U		9.7	0.02 U	
4/27/2010	XX	GW223B401			0.005			0.0002 U	39.3			0.001 U	0.35		9.1	0.02 U	
7/20/2010	XD	GWDP1X41J			0.011			0.0002 U	41.9			0.001 U	0.57		10	0.09	
7/20/2010	XX	GW223B435			0.011			0.0002 U	40.8			0.001 U	0.58		9.8	0.09	
10/19/2010	XX	GW223B469			0.007			0.0002 U	40.1			0.001 U	0.11		9.5	0.04 J	
MW-227																	
11/13/1990	XX	MW-22733190						0.005 U	21	0.01 U		0.02 U	0.09		4.3	0.024	
2/19/1991	XX	MW-22733288	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/3/1991	XX	MW-22733392						0.005 U	22	0.01 U		0.02 U	0.03 U		4.8	0.009	
9/16/1991	XX	MW-22733497						0.005 U	22	0.01 U		0.02 U	0.25		5.3	0.1	
12/17/1991	XX	GW227X00A						0.005 U	21	0.01 U		0.02 U	0.03 U		4.9	0.011	
3/2/1992	XX	GW227X018	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/23/1992	XX	GW227X023						0.005 U	25	0.01 U		0.02 U	0.07		5.7	0.01	
8/17/1992	XX	GW227X031						0.005 U	20	0.01 U		0.02 U	0.1		4.8	0.039	
1/26/1993	XX	GW227X03G						F	F	F		F	F		F	F	
4/27/1993	XX	GW227X047						0.005 U	25	0.01 U		0.02 U	0.14		5.2	0.008	
7/21/1993	XX	GW227X05E						0.005 U	24	0.01 U		0.02 U	0.03		5.5	0.01	
10/12/1993	XX	GW227X068						0.005 U	23	0.01 U		0.02 U	0.06		4.6	0.017	
1/11/1994	XX	GW227X074						F	F	F		F	F		F	F	

SUMMARY REPORT

Metal (part 1 of 2)

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(MW-227)

Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
5/21/1996	XX	GW227X09D						0.0005	20	0.002 U		0.01 U	0.11		5	0.004	
11/25/1996	XX	GW227X0AA											0.008			0.005	
3/24/1997	XX	MW-227813-35513							F				F		F	F	
6/3/1997	XX	MW-227814-35584							22				0.05 U		4.1	0.02 U	
9/9/1997	XX	MW-227815-35682							21				0.05		5.6	0.02 U	
12/4/1997	XX	MW-227816-35768							22				0.45		5.8	0.03	
3/25/1998	XX	MW-227817-35879							22				0.05 U		5.6	0.02 U	
6/8/1998	XX	MW-227818-35954							20				0.65		5.2	0.03	
9/9/1998	XX	MW-227819-36047							22				0.05 U		5.9	0.02 U	
12/15/1998	XX	MW-227820-36144							25				0.05 U		4.6	0.02 U	
3/29/1999	XX	MW-227821-36248							21				0.08		4.4	0.05 U	
6/8/1999	XX	MW-227822-36319							20				0.01		4.6	0.05 U	
9/13/1999	XX	MW-227823-36416							19				0.06 U		4.1	0.05 U	
12/1/1999	XX	MW-227824-36495							23				0.06 U		5	0.05 U	
3/27/2000	XX	MW-227825-36612											0.17			0.01 U	
6/12/2000	XX	MW-227826-36689											0.076			0.01 U	
9/12/2000	XX	MW-227827-36781							24				0.5		5.4	0.02	
12/11/2000	XX	MW-227828-36871							23				0.024		5.1	0.01 U	
3/12/2001	XX	MW-227829-36962							23				0.019		5.1	0.01	
6/18/2001	XX	MW-227830-37060							23				0.062		5.2	0.01 U	
9/10/2001	XX	MW-227831-37144							25				0.1		5.2	0.17	
12/12/2001	XX	MW-227832-37237							22				0.043		5.3	0.01 U	
3/14/2002	XX	MW-227833-37329											0.025			0.01 U	
6/17/2002	XX	MW-227834-37424							24				0.018		5.5	0.01 U	
9/18/2002	XX	MW-227835-37517											0.038			0.018	
12/9/2002	XX	MW-227836-37599											0.061			0.01 U	
3/25/2003	XX	MW-227N37705							24				0.068		5.1	0.01 U	
6/25/2003	XX	MW-227N37797							24				0.09		5.4	0.01 U	
9/18/2003	XX	MW-227N37882							16				0.015		3.6	0.01 U	
5/5/2004	XX	GW227X015			0.012				20				0.03 J		5.1	0.02 J	
7/26/2004	XX	GW227X04B			0.012				21				0.03 J	0.002 U	5.3	0.02 U	
10/26/2004	XX	GW227X066			0.016				22				0.04 J		5.2	0.06	
5/9/2005	XX	GW227X127			0.016			0.0002 U	20			0.01 U	0.08		5.1	0.02 U	
7/27/2005	XX	GW227X15F			0.012			0.0002 U	22			0.001 U	0.02 J		5.3	0.05	
9/21/2005	XX	GW227X18D			0.01			0.0002 U	22			0.001 U	0.05 J		5.1	0.06	
5/24/2006	XX	GW227X1D8			0.018			0.0007	21			0.001 U	0.07		5.1	0.02 U	
7/26/2006	XX	GW227X1G5			0.015			0.0002 U	20			0.001 J	0.04 J		5.2	0.02 U	
9/13/2006	XX	GW227X1II			0.008			0.0002 U	23			0.001 U	0.06		5.3	0.02 J	
5/15/2007	XX	GW227X225			0.009			0.0002 U	21			0.004	0.03 J		5.5	0.02 J	
7/24/2007	XX	GW227X269			0.007			0.0003 J	21			0.004	0.02 J		5.5	0.02 U	
9/11/2007	XX	GW227X28J			0.007			0.0002 U	22			0.001 U	0.05 J		5	0.02 J	
5/20/2008	XX	GW227X2CD			0.009			0.001 U	23			0.003 U	0.05		5.6	0.02 U	
7/30/2008	XX	GW227X2FH			0.009			0.0002 U	20.4			0.001 U	0.03 J		4.9	0.02 U	
10/27/2008	XX	GW227X2I7			0.009			0.0002 U	20			0.01 U	0.03 J		4.9	0.02 U	
4/14/2009	XX	GW227X31F			0.011			0.0002 U	24.3			0.001 U	0.02 J		5.9	0.02 U	
7/7/2009	XX	GW227X35J			0.009			0.0002 U	23.6			0.001 U	0.02 J		5.1	0.02 U	
10/27/2009	XX	GW227X3DE			0.013			0.0007	24.8			0.001 U	0.02 U		5.6	0.02 U	
4/27/2010	XX	GW227X3ID			0.015			0.0002 U	21.7			0.001 U	0.05		5.1	0.02 U	
7/20/2010	XX	GW227X41H			0.014			0.0002 U	21.2			0.001 U	0.08		5.2	0.02 U	
10/19/2010	XX	GW227X451			0.014			0.0002 U	21.9			0.001 U	0.06		5.1	0.02 U	

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(MW-301)

Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
MW-301																	
11/25/1996	XD	GWDP1X0AC											0.01			0.001 U	
11/25/1996	XX	GW301X0B0											0.011			0.001	
3/24/1997	XX	MW-301815-35513							F				F		F	F	
6/3/1997	XX	MW-301816-35584							18.5				0.05 U		3.4	0.02 U	
9/9/1997	XX	MW-301817-35682							19				0.05 U		3.9	0.02	
12/3/1997	XX	MW-301818-35767							15				0.1		4.4	0.02 U	
3/23/1998	XX	MW-301819-35877							16				0.09		4.6	0.02 U	
6/8/1998	XX	MW-301820-35954							17				0.05 U		4.2	0.02 U	
9/9/1998	XX	MW-301821-36047							18				0.05 U		4.9	0.02 U	
12/14/1998	XX	MW-301822-36143							18				0.05 U		3.4	0.03	
3/29/1999	XX	MW-301823-36248							17				0.02		2.5	0.01	
6/8/1999	XX	MW-301824-36319							16				0.03		3.5	0.05 U	
9/13/1999	XX	MW-301825-36416							15				0.02		3.1	0.05 U	
12/1/1999	XX	MW-301826-36495							19				0.06 U		4.2	0.05 U	
3/27/2000	XX	MW-301827-36612											0.013			0.01 U	
6/12/2000	XX	MW-301828-36689											0.016			0.01 U	
9/12/2000	XX	MW-301829-36781							19				0.039		4.4	0.01 U	
6/18/2001	XX	MW-301830-37060							19				0.058		4.4	0.01 U	
9/10/2001	XX	MW-301831-37144							21				0.045		4.4	0.01 U	
12/11/2001	XX	MW-301832-37236							19				0.026		4.3	0.01 U	
3/13/2002	XX	MW-301833-37328							21				0.13		4.9	0.01 U	
6/17/2002	XX	MW-301834-37424							19				0.016		4.5	0.01 U	
9/18/2002	XX	MW-301835-37517											0.053			0.019	
3/25/2003	XX	MW-301N37705							20				0.041		4.3	0.01 U	
6/25/2003	XX	MW-301N37797							19				0.044		4.5	0.01 U	
9/17/2003	XD	MW-301D37881							17				0.023		3.6	0.01 U	
9/17/2003	XX	MW-301N37881							18				0.021		3.9	0.01 U	
5/5/2004	XD	GWDP3X01J			0.006				17				0.06 J		4.2	0.02 J	
5/5/2004	XX	GW301X016			0.005				17				0.05 J		4.3	0.03 J	
7/26/2004	XX	GW301X04C			0.007				16				0.08	0.002 U	4.5	0.02 U	
10/25/2004	XX	GW301X067			0.006				16				0.02 J		4.4	0.02 U	
5/9/2005	XX	GW301X128			0.005			0.0002 U	15			0.01 U	0.07		4.3	0.03 J	
8/1/2005	XX	GW301X15G			0.003 J			0.0002 U	17			0.002 J	0.1		4.6	0.03 J	
9/22/2005	XX	GW301X18E			0.003 J			0.0002 U	17			0.003	0.1		4.4	0.05	
5/22/2006	XX	GW301X1D9			0.002 J			0.0005 J	15			0.001 U	0.32		4.4	0.03 J	
7/24/2006	XX	GW301X1G6			0.002 J			0.0002 U	17			0.001 U	0.09		4.5	0.03 J	
9/11/2006	XX	GW301X1IJ			0.003 J			0.0006	18			0.002 J	0.05 J		4.6	0.02 J	
5/14/2007	XX	GW301X226			0.006			0.0002 U	18			0.001 J	0.32		4.6	0.05	
7/23/2007	XX	GW301X26A			0.001 J			0.0002 U	16			0.001 J	1.59		4.5	0.02 U	
9/10/2007	XX	GW301X290			0.002 J			0.0002 J	20			0.002 J	0.14		4.3	0.02 J	
5/19/2008	XX	GW301X2CE			0.003 J			0.001 U	19.4			0.003 U	0.38		4.9	0.05	
7/30/2008	XX	GW301X2FI			0.002 U			0.0002 U	16.7			0.001 U	0.21		4.1	0.02 U	
10/28/2008	XX	GW301X2I8			0.003 J			0.0002 J	17.5			0.01 U	0.07		4.6	0.02 U	
4/15/2009	XX	GW301X31G			0.003 J			0.0002 U	31.4			0.001 U	0.15		5.7	0.02 U	
7/7/2009	XX	GW301X360			0.002 U			0.0002 J	20.8			0.001 J	0.4		4.9	0.02 J	
10/26/2009	XX	GW301X3DF			0.008			0.0002 U	19.3			0.001 U	0.34		4.6	0.02 J	
4/26/2010	XX	GW301X3IE			0.005			0.0002 U	16.9			0.001 U	0.46		3.9	0.03 J	
7/19/2010	XX	GW301X41I			0.005			0.0002 J	19.4			0.001 U	0.86		4.7	0.02 J	

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(MW-301) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
10/19/2010	XX	GW301X452			0.007			0.0002 U	17.9			0.001 U	0.21		4.4	0.02 J	
MW-302																	
6/23/1992	XX	GW302X027						0.005 U	26	0.01 U		0.02 U	0.03 U		1.4	0.049	
8/17/1992	XX	GW302X032						0.005 U	27	0.01 U		0.02 U	0.08		1.3	0.055	
8/17/1992	XD	GW302X035						0.005 U	27	0.01 U		0.02 U	0.04		1.2	0.045	
1/26/1993	XX	GW302X03H	0.2 U	0.002 U	0.001 J	0.1 J	0.0005 J	0.005 U	28	0.01 U	0.003 U	0.02 U	0.03 U	0.002 J	1.3	0.008	0.0002 U
4/27/1993	XX	GW302X048						0.005 U	32	0.01 U		0.02 U	0.03 U		1.4	0.005 U	
7/21/1993	XX	GW302X05F						0.005 U	29	0.01 U		0.02 U	0.03 U		1.3	0.005 U	
10/12/1993	XX	GW302X069						0.005 U	29	0.01 U		0.02 U	0.03 U		1.2	0.007	
1/11/1994	XX	GW302X075						0.005 U	38	0.01 U		0.02 U	0.03 U		1.5	0.026	
5/21/1996	XX	GW302X09E						!	!	!		!	!		!	!	
11/26/1996	XX	GW302X0AB											0.021			0.006	
3/26/1997	XX	MW-302827-35515							43				0.035		2	0.022	
6/3/1997	XX	MW-302828-35584							45				0.05 U		1.65	0.02 U	
9/10/1997	XX	MW-302829-35683							60				0.05 U		2.5	0.02	
12/4/1997	XX	MW-302830-35768							70				0.23		3.1	0.03	
3/25/1998	XX	MW-302831-35879							48				0.36		2.4	0.02	
6/8/1998	XX	MW-302832-35954							50				0.05 U		2.2	0.02 U	
9/9/1998	XX	MW-302833-36047							49				0.05 U		3.2	0.02 U	
12/15/1998	XX	MW-302834-36144							65				0.05 U		2.7	0.02 U	
3/30/1999	XX	MW-302835-36249							45				0.02		2	0.01	
6/9/1999	XX	MW-302836-36320							50				0.02		2.4	0.05 U	
9/13/1999	XX	MW-302837-36416							60				0.06 U		2.5	0.05 U	
12/1/1999	XX	MW-302838-36495							66				0.02		3.1	0.05 U	
3/27/2000	XX	MW-302839-36612											0.039			0.017	
6/13/2000	XX	MW-302840-36690							51				0.068		2.7	0.01 U	
9/12/2000	XX	MW-302841-36781							69				0.054		3.2	0.02	
12/11/2000	XX	MW-302842-36871							77				0.015		3.6	0.01 U	
3/12/2001	XX	MW-302843-36962							57				0.11		2.7	0.043	
6/18/2001	XX	MW-302844-37060							61				0.05		2.7	0.01 U	
9/10/2001	XX	MW-302845-37144							68				0.069		3	0.015	
12/11/2001	XX	MW-302846-37236							74				0.043		3.5	0.013	
3/13/2002	XX	MW-302847-37328							56				0.081		3.8	0.01 U	
6/17/2002	XX	MW-302848-37424							68				0.028		3.4	0.01 U	
9/18/2002	XX	MW-302849-37517											0.018			0.01 U	
12/9/2002	XX	MW-302850-37599											0.042			0.01 U	
3/25/2003	XX	MW-302N37705							63				0.22		3.2	0.011	
6/25/2003	XX	MW-302N37797							64				0.072		3.6	0.01 U	
9/17/2003	XX	MW-302N37881							67				0.026		3.2	0.01 U	
5/6/2004	XX	GW302X009	0.2 J	0.002 J	0.003 J	0.1 U	0.0002 U	0.0002 J	55	0.002 U	0.003 U	0.001 J	0.15	0.002 U	2.6	0.03 J	0.0002 U
7/27/2004	XX	GW302XHD1	0.2 U	0.002 U	0.001 J	0.1 J	0.0005 J	0.0002 U	60	0.002 U	0.003 U	0.022	0.05 J	0.002 J	2.8	0.02 U	0.0002 U
10/25/2004	XX	GW302X07C			0.002 J				60				0.02 J		2.9	0.02 J	
5/10/2005	XX	GW302X13D			0.004			0.0002 U	55			0.01 U	0.53		2.6	0.02 U	
7/27/2005	XX	GW302X171			0.001 J			0.0002 U	48			0.001 U	0.09		2.7	0.03 J	
9/19/2005	XX	GW302X19J			0.001 J			0.0002 U	60			0.001 J	0.11		5	0.02 U	
5/23/2006	XX	GW302X1EE			0.002 J			0.0009	46			0.002 J	0.23		2.6	0.02 U	
7/24/2006	XX	GW302X1HB			0.001 U			0.0013	50			0.001 U	0.4		2.9	0.03 J	
9/12/2006	XX	GW302X204			0.001 U			0.0003 J	60			0.001 U	0.13		3	0.02 J	
5/14/2007	XX	GW302X23B			0.002 J			0.0002 U	50			0.001 J	0.26		4.4	0.02 J	

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(MW-302) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
7/25/2007	XX	GW302X27F			0.001 U			0.0002 J	44			0.001 J	0.13		2.5	0.02 J	
9/10/2007	XX	GW302X2A5			DE			DE	DE			DE	DE		DE	DE	
MW-302R																	
5/20/2008	XX	GW302X2DJ			0.004 J			0.001 U	36.1			0.003 U	0.19		2.4	0.06	
7/29/2008	XX	GW302X2H3			0.002 U			0.0002 U	34.9			0.001 U	0.11		2.4	0.02 U	
10/27/2008	XX	GW302X2JD			0.002 U			0.0002 U	39			0.01 U	0.04 J		2.9	0.02 J	
4/13/2009	XX	GW302X331			0.002 U			0.0002 U	24.1			0.001 U	0.02 U		1.9	0.02 U	
7/6/2009	XX	GW302X375			0.005			0.0002 U	26.7			0.001 U	0.04 J		1.9	0.02 U	
10/27/2009	XX	GW302X3F0			0.008			0.0002 U	60.4			0.001 U	0.02 J		4.9	0.02 J	
4/26/2010	XX	GW302X3JJ			0.002 J			0.0002 U	17.6			0.001 U	0.02 U		1.4	0.02 J	
7/19/2010	XX	GW302X433			0.014			0.0002 J	58			0.001 U	0.02 U		4.5	0.02 U	
10/18/2010	XX	GW302X467			0.008			0.0002 U	66.2			0.001 U	0.02 U		5.3	0.03 J	
MW-303																	
11/26/1996	XX	GW303X0B1											0.13			0.011	
3/26/1997	XX	MW-303828-35515							3.7				0.033		1.5	0.025	
6/2/1997	XX	MW-303829-35583							3.9				0.05 U		1.43	0.02 U	
9/8/1997	XX	MW-303830-35681							4				0.05		1.2	0.03	
12/3/1997	XX	MW-303831-35767							4.3				0.2		1.48	0.02	
3/25/1998	XX	MW-303832-35879							4.2				0.1		2	0.02 U	
6/9/1998	XX	MW-303833-35955							4.1				0.05 U		1.92	0.03	
9/8/1998	XX	MW-303834-36046							4.8				0.05 U		1.6	0.02 U	
12/14/1998	XX	MW-303835-36143							5.4				0.05 U		1.16	0.02 U	
3/29/1999	XX	MW-303836-36248							4.4				0.02		0.61	0.01	
6/8/1999	XX	MW-303837-36319							4.4				0.15		1.55	0.01	
9/13/1999	XX	MW-303838-36416							3.7				0.06 U		0.97	0.05 U	
12/1/1999	XX	MW-303839-36495							5.3				0.06 U		1.76	0.05 U	
3/27/2000	XX	MW-303840-36612											0.34			0.01 U	
6/12/2000	XX	MW-303841-36659											0.1			0.01 U	
9/13/2000	XX	MW-303842-36782							4.7				0.038		1.9	0.01 U	
12/11/2000	XX	MW-303843-36871							5.2				0.32		2.1	0.01	
3/13/2001	XX	MW-303844-36963							5.6				0.88		2.3	0.03	
6/19/2001	XX	MW-303845-37061							5				0.16		2	0.01 U	
9/11/2001	XX	MW-303846-37145							7.1				0.065		2.4	0.01	
12/12/2001	XX	MW-303847-37237							4.2				1		1.8	0.013	
3/13/2002	XX	MW-303848-37328							5.7				0.11		2.4	0.01 U	
6/17/2002	XX	MW-303849-37424							5.31				0.025		2.3	0.01 U	
9/18/2002	XX	MW-303850-37517											0.018			0.01 U	
12/9/2002	XX	MW-303851-37599											0.42			0.011	
3/26/2003	XX	MW-303N37706							5.4				0.11		2	0.01 U	
6/25/2003	XX	MW-303N37797							5.2				0.14		2	0.014	
9/17/2003	XX	MW-303N37881							4.5				0.054		1.6	0.01	
5/6/2004	XX	GW303X00C	0.2 U	0.002 J	0.003 J	0.1 U	0.0002 U	0.0002 J	4.7	0.002 U	0.003 U	0.001 U	0.03 J	0.002 U	2	0.02 J	0.0002 U
7/28/2004	XX	GW303X040	0.2 U	0.002 U	0.001 U	0.1 U	0.0002 U	0.0002 U	3.3	0.002 U	0.003 U	0.001 J	0.05 J	0.002 U	1.9	0.02 J	0.0002 U
10/26/2004	XD	GWDP3X06J			0.001 J				3				0.09		2	0.02 J	
10/26/2004	XX	GW303X07G			0.001 J				3.1				0.12		2	0.03 J	
5/11/2005	XX	GW303X13H			0.003 J			0.0002 U	2.8			0.01 U	0.05 J		1.84	0.02 U	
8/1/2005	XX	GW303X175			0.001 J			0.0002 U	2.9			0.001 U	0.07		2	0.02 U	
8/1/2005	XD	GWDP1X15H			0.002 J			0.0002 J	3			0.001 U	0.08		2	0.02 U	

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(MW-303) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
9/19/2005	XX	GW303X1A3			0.001 J			0.0002 J	4.1			0.002 J	0.02 J		1.78	0.02 U	
5/23/2006	XX	GW303X1EI			0.001 U			0.0002 J	5.1			0.002 J	0.02 J		2	0.02 U	
7/24/2006	XD	GWDP4X1H4			0.001 U			0.0002 U	5.1			0.001 U	0.02 J		2	0.02 U	
7/24/2006	XX	GW303X1HF			0.001 U			0.0002 U	4.9			0.001 U	0.02 J		2	0.02 U	
9/12/2006	XX	GW303X208			0.001 U			0.0002 U	2.8			0.001 U	0.03 J		2	0.02 U	
5/14/2007	XX	GW303X23F			0.003 J			0.0002 U	3.7			0.001 J	0.02 J		2.2	0.02 U	
7/25/2007	XX	GW303X27J			0.001 U			0.0002 U	6.8			0.001 J	0.04 J		2.1	0.02 U	
7/25/2007	XD	GWDP4X278			0.001 U			0.0002 U	6.6			0.002 J	0.04 J		2.2	0.02 U	
9/11/2007	XD	GWDP1X291			0.001 U			0.0005 J	5.9			0.002 J	0.08		2.1	0.02 J	
9/11/2007	XX	GW303X2A9			0.001 J			0.0006	6			0.002 J	0.07		2.1	0.02 J	
5/19/2008	XX	GW303X2E3			0.003 U			0.001 U	9.1			0.003 U	0.02 U		3.8	0.02 U	
7/29/2008	XX	GW303X2H7			0.002 U			0.0002 U	9.1			0.001 J	0.02 U		3.9	0.02 U	
7/29/2008	XD	GWDP4X2GG			0.002 U			0.0002 U	9			0.001 J	0.02 U		3.9	0.02 U	
10/27/2008	XD	GWDP3X2J0			0.002 U			0.0002 U	10.1			0.01 U	0.02 U		4.4	0.02 U	
10/27/2008	XX	GW303X2JH			0.002 U			0.0002 U	10.1			0.01 U	0.02 J		4.4	0.02 U	
4/13/2009	XX	GW303X335			0.002 U			0.0002 J	15.8			0.001 U	0.02 U		8.1	0.02 U	
7/6/2009	XX	GW303X379			0.005			0.0002 U	18.2			0.007	0.02 U		7.9	0.02 U	
7/6/2009	XD	GWDP3X36C			0.005			0.0002 J	17.1			0.006	0.02 U		7.8	0.02 U	
10/28/2009	XX	GW303X3F4			0.007			0.0002 U	16.4			0.001 J	0.06		7.5	0.02 U	
4/26/2010	XX	GW303X403			0.002 J			0.0002 U	17.6			0.001 U	0.02 U		7.9	0.02 U	
7/19/2010	XD	GWDP4X42G			0.01			0.0002 U	19.1			0.001 U	0.02 U		8.3	0.02 U	
7/19/2010	XX	GW303X437			0.007			0.0002 J	19.7			0.001 J	0.02 U		8.2	0.02 U	
10/18/2010	XX	GW303X46B			0.006			0.0002 U	20			0.004	0.05		7.4	0.03 J	
MW-304A																	
7/29/2004	XX	GW304AHD0	0.2 U	0.003 J	0.002 J	0.1 U	0.0003 J	0.0002 U	16	0.002 U		0.003	0.03 J	0.009	4.8	0.14	0.0002 U
10/27/2004	XX	GW304A07B	0.2 U	0.002 U	0.001 U	0.1 U	0.0002 U	0.0002 U	19	0.002 U		0.002 J	0.02 J	0.002 U	5.1	0.2	0.0002 U
5/11/2005	XX	GW304A13C			0.002 J			0.0002 U	6.2			0.01 U	0.08		2.3	0.02 U	
7/28/2005	XX	GW304A170			0.001 U			0.0002 U	10			0.001 U	0.02 J		2.5	0.03 J	
9/19/2005	XX	GW304A19I			0.001 J			0.0002 U	13			0.001 U	0.04 J		3.3	0.03 J	
5/24/2006	XX	GW304A1ED			0.001 J			0.0014	11			0.008	0.1		4.3	0.02 U	
7/25/2006	XX	GW304A1HA			0.001 J			0.0002 U	12			0.002 J	0.09		4.8	0.02 J	
9/12/2006	XX	GW304A203			0.001 U			0.0002 U	13			0.001 U	0.07		3.8	0.02 J	
5/15/2007	XX	GW304A23A			0.003 J			0.007	6.7			0.009	0.08		2.3	0.03 J	
7/24/2007	XX	GW304A27E			0.001 U			0.0002 U	12			0.001 U	0.02 J		4.3	0.02 U	
9/11/2007	XX	GW304A2A4			0.001 U			0.0002 J	14			0.001 U	0.02 J		3.5	0.02 U	
5/20/2008	XX	GW304A2DI			0.003 J			0.001 U	10.7			0.003 U	0.05		2.9	0.02 U	
7/29/2008	XX	GW304A2H2			0.002 U			0.0002 U	12.9			0.001 U	0.03 J		3.5	0.02 U	
10/27/2008	XX	GW304A2JC			0.002 U			0.0002 U	13.6			0.01 U	0.04 J		3.7	0.02 U	
4/13/2009	XX	GW304A330			0.002 U			0.0002 J	13.8			0.001 U	0.03 J		4	0.02 U	
7/6/2009	XX	GW304A374			0.003 J			0.0002 U	12.9			0.001 U	0.03 J		3	0.02 U	
10/27/2009	XX	GW304A3EJ			0.002 J			0.0006	14.7			0.001 U	0.02 U		3.7	0.02 U	
4/26/2010	XX	GW304A3JI			0.002 U			0.0002 U	9.5			0.001 U	0.02 U		2.4	0.02 U	
7/19/2010	XX	GW304A432			0.005			0.0002 U	13.8			0.001 U	0.02 U		3.3	0.02 U	
10/18/2010	XX	GW304A466			0.003 J			0.0002 U	14.5			0.004	0.26		3.4	0.09	
MW-401A																	
7/29/2004	XX	GW401A059	0.2 U	0.003 J	0.004	0.1 U	0.0003 J	0.0002 U	12	0.002 J		0.001 J	0.02 J	0.002 J	4.6	0.03 J	0.0002 U
10/27/2004	XD	GWDP4X075	0.2 U	0.002 U	0.006	0.1 U	0.0002 U	0.0002 U	13	0.002 J		0.002 J	0.08	0.002 U	3.7	0.02 J	0.0002 U
10/27/2004	XX	GW401A071	0.2 U	0.002 U	0.007	0.1 U	0.0002 U	0.0002 U	13	0.002 U		0.001 J	0.07	0.002 U	3.7	0.03 J	0.0002 U

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(MW-401A) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
5/10/2005	XX	GW401A132			0.004			0.0002 U	11			0.01 U	0.05 J		3.7	0.02 U	
7/28/2005	XX	GW401A16A			0.002 J			0.0002 J	13			0.001 J	0.05 J		4	0.03 J	
7/28/2005	XD	GWDP4X16E			0.003 J			0.0002 U	13			0.001 U	0.05 J		4.1	0.02 J	
9/21/2005	XX	GW401A198			0.005			0.0002 U	13			0.001 U	0.02 J		3.8	0.02 U	
5/23/2006	XX	GW401A1E3			0.009			0.0005 J	12			0.001 U	0.07		3.8	0.02 U	
7/25/2006	XX	GW401A1H0			0.005			0.0006	13			0.001 U	0.03 J		4	0.02 J	
9/12/2006	XX	GW401A1JD			0.001 U			0.0002 U	15			0.001 U	0.02 J		4.1	0.02 J	
5/14/2007	XX	GW401A230			0.005			0.0023	15			0.002 J	0.05 J		4.1	0.02 J	
7/24/2007	XX	GW401A274			0.001 J			0.0003 J	14			0.003	0.04 J		4.5	0.02 U	
9/11/2007	XX	GW401A29E			0.001 U			0.0002 U	14			0.001 J	0.02 J		3.8	0.02 U	
5/20/2008	XX	GW401A2D8			0.003 U			0.001 U	15.3			0.003 U	0.02 U		4.3	0.02 U	
7/28/2008	XX	GW401A2GC			0.002 J			0.0002 U	13.7			0.001 U	0.02 U		3.8	0.02 U	
10/27/2008	XX	GW401A2J2			0.003 J			0.0002 U	14.1			0.01 U	0.02 U		4	0.02 U	
4/13/2009	XX	GW401A32A			0.004 J			0.0002 U	15.9			0.001 U	0.02 U		4.8	0.02 U	
7/7/2009	XX	GW401A36E			0.002 U			0.0002 U	15.4			0.001 U	0.02 J		4.3	0.02 U	
10/28/2009	XX	GW401A3E9			0.004 J			0.0005 J	14.5			0.001 U	0.02 U		3.8	0.02 U	
4/27/2010	XX	GW401A3J8			0.002 J			0.0002 U	14.5			0.001 U	0.02 U		3.9	0.02 U	
7/20/2010	XX	GW401A42C			0.006			0.0002 U	14.6			0.001 U	0.02 U		4	0.02 U	
10/20/2010	XX	GW401A45G			0.004 J			0.0002 U	15.8			0.001 U	0.02 U		3.8	0.02 U	
MW-401B																	
7/29/2004	XD	GWDP4X05D	0.2 U	0.003 J	0.003 J	0.1 U	0.0002 U	0.0002 U	70	0.002 U		0.001 J	1.22	0.002 J	21	2.9	0.0002 U
7/29/2004	XX	GW401B05A	0.2 U	0.002 J	0.004	0.1 U	0.0002 U	0.0002 U	70	0.002 U		0.001 J	1.18	0.002 J	21	2.9	0.0002 U
10/27/2004	XX	GW401B072	0.2 U	0.002 U	0.005	0.1 U	0.0002 U	0.0002 U	90	0.002 U		0.001 J	8.2	0.002 U	24	2.9	0.0002 U
5/10/2005	XX	GW401B133			0.004			0.0002 U	55			0.01 U	19		18	0.92	
5/10/2005	XD	GWDP4X136			0.004			0.0002 U	60			0.01 U	19.5		17.5	0.93	
7/27/2005	XX	GW401B16B			0.006			0.0002 U	75			0.001 J	10.5		23	0.8	
9/21/2005	XX	GW401B199			0.004			0.0002 U	100			0.002 J	9.6		36	0.69	
9/21/2005	XD	GWDP4X19C			0.005			0.0002 U	105			0.002 J	9.5		33	0.72	
5/23/2006	XX	GW401B1E4			0.008			0.0002 J	50			0.001 U	7.1		15	0.29	
5/23/2006	XD	GWDP4X1E7			0.01			0.0002 U	49			0.001 U	6.7		14.5	0.31	
7/25/2006	XX	GW401B1H1			0.006			0.0002 U	50			0.005	3.8		15.5	0.32	
9/12/2006	XD	GWDP3X1JB			0.004			0.0002 U	50			0.001 U	4.1		14.5	0.33	
9/12/2006	XX	GW401B1JE			0.005			0.0002 U	50			0.001 J	4		14	0.32	
5/14/2007	XD	GWDP4X234			0.01			0.0002 J	36			0.001 U	3.8		11.5	0.29	
5/14/2007	XX	GW401B231			0.009			0.0002 U	39			0.001 U	3.7		12	0.28	
7/24/2007	XX	GW401B275			0.002 J			0.0004 J	42			0.002 J	4		12	0.26	
9/11/2007	XX	GW401B29F			0.006			0.0002 J	48			0.001 U	4.1		13.5	0.26	
9/11/2007	XD	GWDP4X29I			0.005			0.0002 J	49			0.001 U	4		13.5	0.25	
5/20/2008	XD	GWDP4X2DC			0.01			0.001 U	39.3			0.003 U	2.08		11.6	0.22	
5/20/2008	XX	GW401B2D9			0.009			0.001 U	39.8			0.003 U	2.05		11.6	0.22	
7/28/2008	XX	GW401B2GD			0.008			0.0002 U	41.3			0.001 U	2.63		11.5	0.22	
10/27/2008	XD	GWDP4X2J6			0.005			0.0002 U	42.7			0.01 U	2.62		12.6	0.17	
10/27/2008	XX	GW401B2J3			0.005			0.0002 U	42			0.01 U	2.63		12.7	0.17	
4/13/2009	XX	GW401B32B			0.014			0.0002 J	31.1			0.001 U	1.08		9.6	0.14	
4/13/2009	XD	GWDP4X32E			0.013			0.0002 U	30.3			0.001 U	0.89		9	0.12	
7/7/2009	XX	GW401B36F			0.005			0.0002 U	37			0.001 U	1.23		10.6	0.19	
10/28/2009	XD	GWDP3X3E7			0.016			0.0004 J	39.6			0.001 U	2.21		10.9	0.2	
10/28/2009	XX	GW401B3EA			0.016			0.0007	40.6			0.001 U	1.98		11.2	0.2	
4/27/2010	XD	GWDP4X3JC			0.013			0.0002 U	30.3			0.001 U	0.71		8.5	0.13	

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(MW-401B) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
4/27/2010	XX	GW401B3J9			0.012			0.0002 U	29			0.001 U	0.71		8	0.13	
7/20/2010	XX	GW401B42D			0.023			0.0002 U	37.2			0.001 U	1.91		10.2	0.18	
7/20/2010	XD	GWDP3X42A			0.021			0.0002 U	40.4			0.001 U	1.92		11.2	0.19	
10/20/2010	XX	GW401B45H			0.011			0.0002 U	38.5			0.001 U	2.09		10.8	0.17	
10/20/2010	XD	GWDP4X460			0.012			0.0002 U	37.6			0.001 U	2.11		10.1	0.16	
MW-402A																	
7/29/2004	XX	GW402A05B	0.2 U	0.002 U	0.016	0.1 U	0.0004 J	0.0002 U	10	0.002 U		0.001 J	0.02 J	0.002 U	2.9	0.03 J	0.0002 U
10/27/2004	XX	GW402A073	0.2 U	0.002 U	0.016	0.1 U	0.0002 U	0.0002 U	10	0.002 U		0.001 J	0.02 J	0.002 U	3	0.02 U	0.0002 U
5/11/2005	XX	GW402A134			0.012			0.0002 U	7.7			0.01 U	0.08		2.7	0.02 U	
8/1/2005	XX	GW402A16C			0.015			0.0002 U	10			0.001 U	0.03 J		2.7	0.02 U	
9/21/2005	XX	GW402A19A			0.015			0.0002 U	10			0.003	0.03 J		2.7	0.02 U	
5/23/2006	XX	GW402A1E5			0.028			0.0002 U	8.9			0.001 U	0.02 J		2.7	0.02 U	
7/26/2006	XX	GW402A1H2			0.02			0.0002 U	9			0.001 U	0.02 J		2.8	0.02 J	
9/12/2006	XX	GW402A1JF			0.015			0.0002 U	10			0.001 U	0.02 J		2.9	0.02 J	
5/15/2007	XX	GW402A232			0.015			0.0002 U	10			0.001 J	0.03 J		3	0.02 J	
7/25/2007	XX	GW402A276			0.014			0.0002 J	10			0.001 U	0.05 J		2.9	0.02 U	
9/12/2007	XX	GW402A29G			0.013			0.0002 U	11			0.001 U	0.02 J		2.7	0.02 U	
5/20/2008	XX	GW402A2DA			0.016			0.001 U	12.2			0.003 U	0.02 U		3.2	0.02 U	
7/28/2008	XX	GW402A2GE			0.015			0.0002 U	10.6			0.001 U	0.02 U		2.6	0.02 U	
10/27/2008	XX	GW402A2J4			0.015			0.0002 U	10.8			0.01 U	0.02 U		2.9	0.02 U	
4/14/2009	XX	GW402A32C			0.016			0.0002 U	12.3			0.001 U	0.02 U		3.2	0.02 U	
7/8/2009	XX	GW402A36G			0.012			0.0002 U	11.4			0.001 U	0.02 U		2.8	0.02 U	
10/28/2009	XX	GW402A3EB			0.019			0.0003 J	12.3			0.001 U	0.02 U		3.1	0.02 U	
4/27/2010	XX	GW402A3JA			0.016			0.0002 U	11			0.001 U	0.02 U		2.8	0.02 U	
7/21/2010	XX	GW402A42E			0.017			0.0002 U	10.8			0.001 U	0.02 U		2.8	0.02 U	
10/20/2010	XX	GW402A45I			0.017			0.0002 U	13.8			0.001 U	0.02 U		3.2	0.02 U	
MW-402B																	
7/29/2004	XX	GW402B05C	0.2 U	0.002 U	0.014	0.1 U	0.0002 U	0.0002 U	16	0.002 U		0.001 J	0.03 J	0.002 U	5.5	0.04 J	0.0002 U
10/27/2004	XX	GW402B074	0.2 U	0.002 U	0.015	0.1 U	0.0002 U	0.0002 U	15	0.002 U		0.001 J	0.02 U	0.002 U	4.8	0.03 J	0.0002 U
5/11/2005	XX	GW402B135			0.014			0.0002 U	14			0.01 U	0.05 J		4.9	0.02 J	
8/1/2005	XX	GW402B16D			0.014			0.0002 U	16			0.001 J	0.07		5.1	0.02 J	
9/21/2005	XX	GW402B19B			0.014			0.0002 U	15			0.003	0.03 J		4.9	0.02 J	
9/21/2005	XD	GWDP3X196			0.012			0.0002 U	15			0.004	0.02 J		4.9	0.02 J	
5/23/2006	XX	GW402B1E6			0.02			0.0002 U	15			0.001 U	0.02 J		4.9	0.02 J	
7/26/2006	XX	GW402B1H3			0.017			0.0002 U	15			0.001 U	0.02 J		5.2	0.02 J	
9/12/2006	XX	GW402B1JG			0.016			0.0002 U	16			0.001 U	0.02 J		5.3	0.02 J	
5/15/2007	XX	GW402B233			0.014			0.0002 U	14			0.001 J	0.02 J		5.2	0.04 J	
7/25/2007	XX	GW402B277			0.013			0.0003 J	15			0.001 U	0.05 J		5.2	0.02 J	
9/12/2007	XX	GW402B29H			0.01			0.0002 J	16			0.001 U	0.02 U		4.8	0.02 U	
5/20/2008	XX	GW402B2DB			0.012			0.001 U	16.3			0.003 U	0.02 U		5.4	0.02 U	
7/28/2008	XX	GW402B2GF			0.012			0.0002 U	14.5			0.001 U	0.02 J		4.7	0.02 J	
10/27/2008	XX	GW402B2J5			0.014			0.0002 U	14.8			0.01 U	0.02 U		5.1	0.02 J	
4/14/2009	XX	GW402B32D			0.015			0.0002 U	15.5			0.001 U	0.02 U		5.1	0.02 J	
7/8/2009	XX	GW402B36H			0.013			0.0003 J	15.7			0.001 U	0.02 J		5.1	0.02 J	
10/28/2009	XX	GW402B3EC			0.02			0.0005 J	16.9			0.001 U	0.03 J		5.5	0.02 J	
4/27/2010	XX	GW402B3JB			0.017			0.0002 U	14.5			0.001 U	0.02 U		4.8	0.02 J	
7/21/2010	XX	GW402B42F			0.018			0.0002 U	14.5			0.001 U	0.02 U		4.8	0.02 J	
10/20/2010	XX	GW402B45J			0.018			0.0002 U	17.2			0.001 U	0.02 U		5.1	0.02 U	

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(DP-4)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
DP-4																	
1/30/2004	XX	GWDP4X039			0.001 U				105				5.1		24	4.5	
5/6/2004	XX	GWXXXX00D			0.004				55				1.26		23	3.4	
7/26/2004	XX	GWXXXX041			0.004				32				1.75	0.002 U	9.3	1.27	
10/26/2004	XX	GWXXXX07H			0.005				19				0.73		5.2	0.88	
5/9/2005	XX	GWXXXX13I			0.003 J			0.0002 U	26			0.01 U	0.6		8.3	1.04	
8/1/2005	XX	GWXXXX176			0.001 U			0.0002 U	32			0.001 U	0.67		9.2	1.24	
9/20/2005	XX	GWXXXX1A4			0.003 J			0.0002 J	38			0.001 J	0.5		10.5	1.31	
5/22/2006	XX	GWXXXX1EJ			0.001 J			0.0012	26			0.003	0.72		5.7	0.77	
7/24/2006	XX	GWXXXX1HG			0.001 U			0.0002 U	37			0.001 U	0.51		10.5	1.42	
9/11/2006	XX	GWXXXX209			0.004			0.0003 J	42			0.001 U	0.57		10.5	1.44	
5/14/2007	XX	GWXXXX23G			0.004			0.0008	34			0.007	0.94		9.7	1.67	
7/23/2007	XX	GWXXXX280			0.001 U			0.0005 J	37			0.001 U	0.65		10.5	2	
9/10/2007	XX	GWXXXX2AA			0.001 U			0.0006	42			0.002 J	0.88		10.5	1.75	
5/19/2008	XX	GWXXXX2E4			0.003 J			0.001 U	44.9			0.003 U	1.91		12	2.29	
7/29/2008	XX	GWXXXX2H8			0.002 U			0.0002 U	42.2			0.001 U	0.67		11	2.32	
10/27/2008	XX	GWXXXX2JI			0.002 U			0.0002 U	37.4			0.01 U	1.18		9.8	1.98	
4/13/2009	XX	GWXXXX336			0.002 J			0.0005 J	45.7			0.005	2.26		12.4	2.71	
7/6/2009	XX	GWXXXX37A			0.009			0.0002 J	46.5			0.001 J	1.32		12.4	2.33	
10/26/2009	XX	GWXXXX3F5			0.015			0.0008	38.6			0.003	1.02		9.9	1.96	
4/26/2010	XX	GWXXXX404			0.008			0.0002 J	28			0.001 U	0.69		7.2	1.79	
7/19/2010	XX	GWXXXX438			0.016			0.0002 U	31.9			0.001 U	0.61		8.7	1.38	
10/18/2010	XX	GWXXXX46C			0.009			0.0002 U	30.9			0.001 J	0.34		7.2	1.4	
MW04-102																	
1/18/2005	XX	GW102X10C	0.2 U	0.002 U	0.001 U	0.1 U	0.0002 U	0.0002 J	25	0.002 U	0.003 U	0.001 J	0.1	0.002 U	6.6	0.08	0.0002 U
3/21/2005	XX	GW102X144	0.2 U	0.003 J	0.001 U	0.1 U	0.0002 U	0.0008	25	0.002 U	0.003 U	0.001 U	0.02 J	0.002 J	6.4	0.02 U	0.0002 U
7/25/2005	XX	GW102X17I	0.2 U	0.002 U	0.003 J	0.1 U	0.0002 U	0.0002 J	29	0.002 J	0.003 U	0.001 U	0.1	0.002 U	7.4	0.09	0.0002 U
9/20/2005	XX	GW102X1A9	0.2 U	0.002 J	0.002 J	0.1 U	0.0002 U	0.0002 U	27	0.002 U	0.003 U	0.001 J	0.03 J	0.002 U	6.7	0.02 U	0.0002 U
5/23/2006	XX	GW102X1F4			0.001 U			0.0008	25			0.001 U	0.04 J		6.7	0.02 U	
7/25/2006	XX	GW102X1I0			0.005			0.0002 U	25			0.002 J	0.02 U		7.1	0.02 U	
9/12/2006	XX	GW102X20D			0.002 J			0.0002 U	28			0.001 U	0.13		7.3	0.02 U	
5/15/2007	XX	GW102X240			0.004			0.001	25			0.004	0.06		7.2	0.03 J	
7/24/2007	XX	GW102X284			0.001 U			0.0002 J	24			0.002 J	0.05 J		8	0.02 J	
9/11/2007	XX	GW102X2AE			0.001 U			0.0004 J	27			0.001 J	0.04 J		6.9	0.02 J	
5/20/2008	XX	GW102X2E8			0.003 J			0.001 U	27			0.003 U	0.02 U		7.2	0.02 U	
7/29/2008	XX	GW102X2HC			0.002 U			0.0002 U	25.5			0.001 U	0.05		6.7	0.02 U	
10/27/2008	XX	GW102X302			0.002 U			0.0002 U	24.1			0.01 U	0.04 J		6.5	0.02 U	
4/14/2009	XX	GW102X339			0.002 U			0.0002 U	28.1			0.001 U	0.02 J		7.5	0.02 U	
7/7/2009	XX	GW102X37D			0.002 U			0.0005 J	27.6			0.003	0.02 J		6.9	0.02 U	
10/27/2009	XX	GW102X3F8			0.004 J			0.0002 U	26.7			0.001 U	0.02 U		7	0.02 U	
4/27/2010	XX	GW102X407			0.004 J			0.0002 U	27.1			0.001 U	0.02 J		7	0.02 U	
7/21/2010	XX	GW102X43B			0.006			0.0002 U	26.1			0.001 U	0.02 U		6.8	0.02 U	
10/19/2010	XX	GW102X46F			0.003 J			0.0002 U	27.1			0.001 U	0.02 U		7	0.02 U	
MW04-105																	
1/17/2005	XX	GW105X10F	0.2 U	0.002 U	0.001 U	0.1 U	0.0002 U	0.0004 J	54	0.002 U	0.003 U	0.005	0.11	0.002 U	18	0.98	0.0002 U
3/21/2005	XX	GW105X147	0.2 U	0.004 J	0.001 U	0.1 U	0.0002 U	0.0002 U	75	0.002 U	0.003 U	0.001 U	0.02 J	0.002 U	27	0.19	0.0002 J
7/25/2005	XX	GW105X181	0.2 J	0.002 U	0.003 J	0.1 U	0.0002 U	0.0002 U	65	0.002 U	0.003 U	0.002 J	0.05 J	0.002 U	26	0.35	0.0002 U
9/20/2005	XX	GW105X1AC	0.2 U	0.002 U	0.002 J	0.1 U	0.0002 U	0.0002 U	60	0.002 U	0.003 U	0.002 J	0.06	0.002 U	30	0.25	0.0002 U

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(MW04-105)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
5/23/2006	XX	GW105X1F7			0.001 U			0.0004 J	36			0.001 U	0.05 J		13.5	0.42	
7/25/2006	XX	GW105X1I1			0.003 J			0.0002 U	42			0.003	0.07		16	0.34	
7/25/2006	XD	GWDP3X1GI			0.002 J			0.0002 U	38			0.003	0.08		13	0.34	
9/12/2006	XX	GW105X20E			0.001 U			0.0002 U	48			0.001 U	0.06		17	0.14	
5/14/2007	XD	GWDP3X22I			0.002 J			0.0009	35			0.001 J	0.05 J		13.5	0.2	
5/14/2007	XX	GW105X241			0.003 J			0.0009	36			0.002 J	0.05 J		13.5	0.2	
7/24/2007	XX	GW105X285			0.002 J			0.0003 J	60			0.001 U	0.04 J		15	0.04 J	
7/24/2007	XD	GWDP3X272			0.001 J			0.0003 J	60			0.001 U	0.04 J		15.5	0.03 J	
9/10/2007	XX	GW105X2AF			0.001 U			0.0002 J	75			0.001 J	0.03 J		17	0.03 J	
5/19/2008	XD	GWDP3X2D6			0.005 J			0.001 U	49.2			0.003 U	0.06		17.1	0.02 J	
5/19/2008	XX	GW105X2E9			0.004 J			0.001 U	49.9			0.003 U	0.06		17.8	0.03 J	
7/29/2008	XD	GWDP3X2GA			0.002 U			0.0002 U	41.7			0.001 U	0.1		14.9	0.09	
7/29/2008	XX	GW105X2HD			0.002 U			0.0002 U	42.9			0.002 J	0.1		15.4	0.06	
10/27/2008	XX	GW105X303			0.002 U			0.0002 U	41.1			0.01 U	0.04 J		14.8	0.06	
10/27/2008	XD	GWDP1X305			0.002 U			0.0003 J	38.3			0.01 U	0.05		13	0.04 J	
4/15/2009	XD	GWDP3X328			0.002 U			0.0002 U	29.8			0.001 U	0.04 J		9.6	0.02 J	
4/15/2009	XX	GW105X33A			0.002 U			0.0002 U	31.4			0.001 U	0.05		10.3	0.02 U	
7/7/2009	XD	GWDP1X361			0.002 J			0.0002 U	34.7			0.001 U	0.07		11.8	0.05	
7/7/2009	XX	GW105X37E			0.004 J			0.0003 J	36.5			0.002 J	0.07		12.1	0.04 J	
10/26/2009	XX	GW105X3F9			0.014			0.0021	35.2			0.001 U	0.02 U		11.6	0.03 J	
10/26/2009	XD	GWDP1X3DG			0.014			0.0019	32.1			0.001 U	0.04 J		10.7	0.03 J	
4/27/2010	XD	GWDP3X3J6			0.007			0.0002 U	28.2			0.001 U	0.02 U		9.8	0.02 U	
4/27/2010	XX	GW105X408			0.005			0.0003 J	30.1			0.001 U	0.02 U		9.9	0.02 U	
7/19/2010	XX	GW105X43C			0.013			0.0002 U	31.2			0.001 U	0.02 U		10.6	0.02 U	
10/18/2010	XX	GW105X46G			0.013			0.0002 U	32.8			0.001 U	0.02 J		11.6	0.08	
10/18/2010	XD	GWDP3X45E			0.014			0.0002 U	33.6			0.001 U	0.12		12.4	0.04 J	
MW04-109																	
1/19/2005	XX	GW109X10I	0.2 U	0.002 U	0.001 U	0.1 U	0.0002 U	0.0002 U	54	0.002 U	0.003 U	0.002 J	0.02 J	0.002 U	17.5	0.22	0.0002 U
1/19/2005	XD	GWDP1X110	0.2 U	0.002 U	0.001 U	0.1 U	0.0002 U	0.0002 U	52	0.002 U	0.003 U	0.002 J	0.02 J	0.002 U	17	0.21	0.0002 U
3/23/2005	XX	GW109X14A	0.2 U	0.002 U	0.003 J	0.1 U	0.0002 U	0.0004 J	50	0.002 U	0.003 U	0.001 U	0.02 J	0.002 U	16.5	0.08	0.0002 U
7/26/2005	XD	GWDP5X186	0.2 U	0.002 U	0.002 J	0.1 J	0.0002 J	0.0002 U	41	0.002 U	0.004 J	0.001 U	0.04 J	0.002 J	15	0.1	0.0002 U
7/26/2005	XX	GW109X184	0.2 U	0.002 U	0.002 J	0.1 U	0.0002 J	0.0002 U	42	0.002 U	0.004 J	0.001 J	0.04 J	0.002 J	15.5	0.11	0.0002 U
9/20/2005	XX	GW109X1AF	0.2 U	0.002 U	0.003 J	0.1 U	0.0002 U	0.0002 U	46	0.002 U	0.003 U	0.001 U	0.03 J	0.002 U	16.5	0.07	0.0002 U
9/20/2005	XD	GWDP5X1AH	0.2 U	0.002 U	0.002 J	0.1 U	0.0002 U	0.0002 U	45	0.002 U	0.003 U	0.001 U	0.03 J	0.002 U	18	0.07	0.0002 U
5/23/2006	XX	GW109X1FA			0.003 J			0.0002 U	47			0.007	0.06		16.5	0.06	
5/23/2006	XD	GWDP3X1E1			0.002 J			0.0002 U	48			0.007	0.07		16	0.05	
7/25/2006	XX	GW109X1I2			0.006			0.0002 U	40			0.002 J	0.02 J		14	0.05	
9/12/2006	XX	GW109X20F			0.001 U			0.0002 U	42			0.001 U	0.06		14	0.06	
9/12/2006	XD	GWDP1X1J0			0.001 U			0.0003 J	42			0.001 U	0.05 J		13.5	0.06	
5/15/2007	XX	GW109X242			0.003 J			0.0002 J	40			0.001 J	0.06		14	0.07	
7/24/2007	XX	GW109X286			0.001 J			0.0002 J	32			0.002 J	0.03 J		16.5	0.04 J	
9/10/2007	XD	GWDP5X2AH			0.001 U			0.0002 J	39			0.001 U	0.05 J		10.5	0.05	
9/10/2007	XX	GW109X2AG			0.001 U			0.0004 J	38			0.001 U	0.06		10.5	0.04 J	
5/19/2008	XX	GW109X2EA			0.003 J			0.001 U	81.2			0.003 U	0.06		25.4	0.11	
7/29/2008	XX	GW109X2HE			0.002 U			0.0002 U	70.5			0.001 U	0.03 J		21.4	0.13	
10/28/2008	XX	GW109X304			0.002 U			0.0002 J	62.7			0.01 U	0.03 J		19.3	0.21	
4/15/2009	XX	GW109X33B			0.003 J			0.0002 U	76.3			0.001 U	0.06		19.3	0.2	
7/7/2009	XX	GW109X37F			DE			DE	DE			DE	DE		DE	DE	

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(MW04-109R) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
MW04-109R																	
12/8/2009	XX	GW109X3GF			0.033			0.0006	77.2			0.001 J	0.03 J		14.3	0.15	
4/27/2010	XX	GW109X409			0.008			0.0002 U	54.9			0.001 U	0.02 U		12.4	0.03 J	
7/20/2010	XX	GW109X43D			0.023			0.0002 U	64.2			0.001 U	0.02 U		12.7	0.04 J	
10/19/2010	XX	GW109X46H			0.014			0.0002 U	69.1			0.001 U	0.02 U		13.6	0.04 J	
MW09-901																	
12/8/2009	XX	GW901X3GH			0.013			0.0003 J	29.6			0.001 J	0.18		7.1	0.39	
4/27/2010	XX	GW901X3J7			0.005			0.0002 U	27.4			0.001 U	0.03 J		6.9	0.1	
7/20/2010	XX	GW901X42B			0.01			0.0002 U	28.5			0.001 U	0.05		7.1	0.04 J	
10/19/2010	XX	GW901X45F			0.008			0.0002 U	29.4			0.001 U	0.02 U		8	0.09	
P-04-02																	
2/5/2004	XX	GWXXXX03E			0.009				11				1.32		4.7	0.09	
2/11/2004	XX	GWXXXX03C			0.004				15				0.64		4.8	0.1	
5/5/2004	XX	GWXXXX00E			0.004				21				0.04 J		6.3	0.12	
7/26/2004	XX	GWXXXX042			0.006				26				0.17	0.002 J	7.2	0.09	
10/25/2004	XX	GWXXXX07I			0.006				25				0.18		7.1	0.12	
5/9/2005	XX	GWXXXX13J			0.004			0.0005 J	25			0.01 U	0.04 J		7.3	0.02 J	
7/27/2005	XX	GWXXXX177			0.005			0.0002 U	26			0.001 J	0.02 U		7.7	0.05	
9/22/2005	XX	GWXXXX1A5			0.004			0.0002 U	26			0.003	0.09		7.4	0.1	
5/22/2006	XX	GWXXXX1F0			0.005			0.0002 J	24			0.001 U	0.06		7.3	0.02 U	
7/24/2006	XX	GWXXXX1HH			0.001 J			0.0002 U	24			0.001 U	0.05 J		7.5	0.04 J	
9/11/2006	XX	GWXXXX20A			0.007			0.0002 J	26			0.003	0.09		7.8	0.02 U	
5/14/2007	XX	GWXXXX23H			0.005			0.0002 U	27			0.001 U	0.02 U		7.8	0.02 J	
7/23/2007	XX	GWXXXX281			0.001 U			0.0002 U	23			0.001 U	0.06		7.4	0.02 U	
9/10/2007	XX	GWXXXX2AB			0.002 J			0.0003 J	28			0.002 J	0.02 J		7.2	0.02 U	
5/21/2008	XX	GWXXXX2E5			0.006 J			0.001 U	25			0.004 J	0.07		7.6	0.02 U	
7/30/2008	XX	GWXXXX2H9			0.002 U			0.0002 U	23			0.001 U	0.03 J		6.9	0.02 U	
10/29/2008	XX	GWXXXX2JJ			0.003 J			0.0002 J	23.8			0.01 U	0.02 J		7.5	0.02 U	
4/13/2009	XX	GWXXXX337			0.004 J			0.0002 J	26.2			0.001 U	0.02 U		8.3	0.02 U	
7/6/2009	XX	GWXXXX37B			0.009			0.0006	25.9			0.001 J	0.07		7.5	0.02 U	
10/27/2009	XX	GWXXXX3F6			0.005			0.0002 U	25.5			0.001 U	0.02 J		7.7	0.02 U	
4/26/2010	XX	GWXXXX405			0.009			0.0002 U	22.6			0.002 J	0.02 U		6.5	0.02 U	
7/21/2010	XX	GWXXXX439			0.009			0.0002 U	23.6			0.001 U	0.02 U		7	0.02 U	
10/20/2010	XX	GWXXXX46D			0.009			0.0002 U	27			0.001 U	0.02 U		7.4	0.02 U	
P-04-04																	
2/5/2004	XX	GWXXXX03F			0.004				11				0.93		4.8	0.12	
2/11/2004	XX	GWXXXX03D			0.006				23				0.05 J		6.1	0.09	
5/6/2004	XX	GWXXXX00F			0.004				26				0.02 J		5.5	0.06	
7/26/2004	XX	GWXXXX043			0.002 J				27				0.06	0.002 J	6	0.02 J	
10/25/2004	XX	GWXXXX07J			0.004				26				0.03 J		5.7	0.02 U	
5/9/2005	XX	GWXXXX140			0.003 J			0.0002 U	24			0.01 U	0.04 J		5.5	0.02 U	
7/27/2005	XX	GWXXXX178			0.003 J			0.0002 U	24			0.001 U	0.04 J		5.8	0.02 U	
9/22/2005	XX	GWXXXX1A6			0.003 J			0.0002 U	23			0.003	0.04 J		5.4	0.02 J	
5/22/2006	XX	GWXXXX1F1			0.004			0.0004 J	21			0.001 U	0.07		5.4	0.02 U	
7/24/2006	XX	GWXXXX1HI			0.001 J			0.0002 U	22			0.001 U	0.02 J		5.5	0.02 J	
9/11/2006	XX	GWXXXX20B			0.009			0.0002 J	23			0.001 U	0.11		5.6	0.02 J	
5/14/2007	XX	GWXXXX23I			0.006			0.0002 U	24			0.015	0.02 J		5.6	0.02 U	

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(P-04-04)			Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID															
7/23/2007	XX	GWXXXX282			0.002 J			0.0002 U	20			0.001 U	0.05 J		5.2	0.02 U	
9/10/2007	XX	GWXXXX2AC			0.004			0.0002 J	24			0.001 J	0.02 J		5.1	0.02 U	
5/21/2008	XX	GWXXXX2E6			0.006 J			0.001 U	22.7			0.003 U	0.02 J		5.6	0.02 U	
7/30/2008	XX	GWXXXX2HA			0.002 J			0.0002 U	20.2			0.001 U	0.02 J		4.9	0.02 U	
10/29/2008	XX	GWXXXX300			0.005			0.0004 J	58.1			0.01 U	0.02 J		5.8	0.02 U	
4/13/2009	XX	GWXXXX338			0.005			0.0002 J	22.7			0.001 U	0.02 U		5.7	0.02 U	
7/6/2009	XX	GWXXXX37C			0.008			0.0002 J	22.9			0.001 U	0.02 U		5.3	0.02 U	
10/27/2009	XX	GWXXXX3F7			0.005			0.0002 U	22.2			0.001 U	0.02 U		5.4	0.02 U	
4/26/2010	XX	GWXXXX406			0.007			0.0002 U	20.5			0.001 U	0.02 U		4.8	0.02 U	
7/21/2010	XX	GWXXXX43A			0.008			0.0002 U	21.4			0.001 U	0.02 U		5.3	0.02 U	
10/20/2010	XX	GWXXXX46E			0.008			0.0002 U	24			0.001 U	0.02 U		5.5	0.02 U	
SW-AR1																	
5/26/1994	XX	SWAR1X079						0.005 U	3.6	0.01 U		0.02 U	0.6		1.1	0.038	
8/8/1994	XX	SWAR1X07D						0.005 U	9.9	0.01 U		0.02 U	4.1		3.1	0.56	
11/15/1994	XX	SWAR1X07H						0.005 U	6.3	0.01 U		0.02 U	0.79		2.1	0.12	
2/7/1995	XX	SWAR1X081						0.005 U	24	0.03		0.02 U	11		5.2	0.28	
5/24/1995	XX	SWAR1X085						0.005 U	5.3	0.01 U		0.02 U	0.77		1.8	0.059	
8/16/1995	XX	SWAR1X089						0.005 U	7.2	0.01 U		0.02 U	1.4		2	0.082	
11/30/1995	XX	SWAR1X08D						0.01 U	4.6	0.015 U		0.025 U	0.4		1.9	0.025	
2/27/1996	XX	SWAR1X08H						0.01 U	2.7	0.015 U		0.025 U	0.37		1.1	0.027	
5/21/1996	XX	SWAR1X09H						0.0005 U	3	0.002		0.01 U	0.43		1.08	0.011	
11/25/1996	XX	SWAR1X0AD											0.3			0.037	
3/26/1997	XX	SW-AR1821-35515							5.2				0.47		2.7	0.14	
6/4/1997	XX	SW-AR1822-35585							4.1				0.46		1.39	0.03	
9/11/1997	XX	SW-AR1823-35684							5.1				0.6		2.2	0.05	
12/8/1997	XX	SW-AR1824-35772							3.4				0.44		1.34	0.02	
3/26/1998	XX	SW-AR1825-35880											0.18			0.02 U	
6/9/1998	XX	SW-AR1826-35955							4				0.51		1.48	0.06	
12/15/1998	XX	SW-AR1828-36144							5.9				1.87		1.87		
3/30/1999	XX	SW-AR1829-36249							2.4				0.29		0.61	0.04	
6/9/1999	XX	SW-AR1830-36320							3.5				0.28		1.3	0.1	
9/14/1999	XX	SW-AR1831-36417							13				0.9		4.3	0.27	
12/2/1999	XX	SW-AR1832-36496							5.4				0.79		1.75	0.09	
3/28/2000	XX	SW-AR1833-36613											0.31			0.023	
6/13/2000	XX	SW-AR1834-36690							4.7				0.53		1.4	0.034	
12/12/2001	XX	SW-AR1835-37237							7.4				1.1		3	0.16	
3/14/2002	XX	SW-AR1836-37329											0.32			0.25	
6/18/2002	XX	SW-AR1837-37425							7.1				1.4		2.4	0.089	
6/26/2003	XX	SW-AR1N37798											4.2			0.32	
5/3/2004	XX	SWAR1X01B			0.004				5.8				1.98		2	0.34	
7/27/2004	XX	SWAR1X04H			0.005				5.3				3.3	0.001 J	2.3	0.21	
10/26/2004	XX	SWAR1X06C			0.005				5.2				3.2		2.8	0.21	
5/10/2005	XX	SWAR1X12D			0.002 J			0.0002 U	4.6			0.01 J	0.99		2.1	0.07	
7/28/2005	XX	SWAR1X161			0.001 J			0.0002 U	4.8			0.001 U	1.9		2.4	0.18	
9/20/2005	XX	SWAR1X18J			0.003 J			0.0002 U	10			0.003	2.9		2.8	0.23	
5/24/2006	XX	SWAR1X1DE			0.001 J			0.0002 U	7.9			0.001 J	1.65		3	0.12	
7/26/2006	XX	SWAR1X1GB			0.005			0.0002 U	9.8			0.002 J	3.4		3.3	0.29	
9/13/2006	XX	SWAR1X1J4			D			D	D			D	D		D	D	
5/15/2007	XX	SWAR1X22B			0.004			0.0002 U	9.1			0.004	1.21		4.3	0.2	

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(SW-AR1) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
7/24/2007	XX	SWAR1X26F			0.002 J			0.0002 U	9			0.001 U	2.8		2.8	0.15	
9/11/2007	XX	SWAR1X295			I			I	I			I	I		I	I	
5/21/2008	XX	SWAR1X2CJ			0.003 U			0.001 U	12.5			0.003 U	2.27		4.3	0.2	
7/29/2008	XX	SWAR1X2G3			I			I	I			I	I		I	I	
10/28/2008	XX	SWAR1X2ID			0.002 U			0.0003 J	9.1			0.01 U	1.26		3.4	0.14	
4/14/2009	XX	SWAR1X321			0.002 U			0.00004 J	5.4			0.0001 U	0.61		2.1	0.05	
7/7/2009	XX	SWAR1X365			0.002 U			0.00002 U	11.3			0.0001 U	5.33		3.2	0.42	
10/27/2009	XX	SWAR1X3E0			0.002 U			0.00002 U	9.4			0.0001 U	1.92		3.3	0.24	
SW-AR2																	
5/26/1994	XX	SWAR2X07B						0.005 U	4.7	0.01 U		0.02 U	1		1.4	0.087	
8/8/1994	XX	SWAR2X07E						0.005 U	5.8	0.01 U		0.02 U	0.8		1.9	0.048	
11/15/1994	XX	SWAR2X07I						0.005 U	5.1	0.01 U		0.02 U	0.8		1.7	0.077	
2/7/1995	XX	SWAR2X082						F	F	F		F	F		F	F	
5/24/1995	XX	SWAR2X086						0.005 U	4.9	0.01 U		0.02 U	1.1		1.7	0.12	
8/16/1995	XX	SWAR2X08A						0.005 U	6.1	0.01 U		0.02 U	2.3		2	0.3	
11/30/1995	XX	SWAR2X08E						0.01 U	4.4	0.015 U		0.025 U	0.56		1.8	0.094	
2/27/1996	XX	SWAR2X08I						0.01 U	3.6	0.015 U		0.025 U	0.49		1.4	0.052	
5/21/1996	XX	SWAR2X09I						0.0005 U	3.6	0.002 U		0.01 U	0.45		1.26	0.024	
11/25/1996	XX	SWAR2X0AE											0.63			0.1	
3/26/1997	XX	SW-AR2822-35515							2				0.2		0.79	0.15	
6/4/1997	XX	SW-AR2823-35585							5.2				0.99		1.7	0.03	
9/11/1997	XX	SW-AR2824-35684							6.2				0.95		2.8	0.16	
12/8/1997	XX	SW-AR2825-35772							3.3				0.93		1.26	0.14	
3/26/1998	XX	SW-AR2826-35880											0.61			0.06	
6/9/1998	XX	SW-AR2827-35955							5.8				2.8		2.3	0.53	
12/15/1998	XX	SW-AR2829-36144							6				1.39		1.69	0.23	
3/30/1999	XX	SW-AR2830-36249							2.7				1.65		0.52	0.42	
6/9/1999	XX	SW-AR2831-36320							4.2				0.53		1.23	0.03	
9/14/1999	XX	SW-AR2832-36417							10				0.57		3.1	0.58	
12/2/1999	XX	SW-AR2833-36496							4.8				0.9		1.67	0.1	
3/28/2000	XX	SW-AR2834-36613											2.8			0.2	
6/13/2000	XX	SW-AR2835-36690							5.4				1		1.8	0.16	
12/12/2001	XX	SW-AR2836-37237							5.1				1.2		2.1	0.29	
3/14/2002	XX	SW-AR2837-37329											0.66			0.042	
6/18/2002	XX	SW-AR2838-37425							6.8				3.2		2.4	1.1	
6/26/2003	XX	SW-AR2N37798											7.7			0.97	
5/3/2004	XX	SWAR2X01C			0.004				4.3				3		1.49	0.65	
7/27/2004	XX	SWAR2X04I			0.019				10				16	0.001 J	3.9	2.3	
10/26/2004	XX	SWAR2X06D			0.007				10				11		4.5	1.83	
5/10/2005	XX	SWAR2X12E			0.002 J			0.0002 U	3.6			0.01 U	0.64		1.33	0.06	
7/28/2005	XX	SWAR2X162			0.005			0.0002 U	5.6			0.001 U	6.3		2.7	0.29	
9/20/2005	XX	SWAR2X190			0.003 J			0.0002 U	11			0.002 J	1.3		2.9	0.31	
5/24/2006	XX	SWAR2X1DF			0.001 U			0.0002 U	8.8			0.001 J	1.25		2.9	0.34	
7/26/2006	XX	SWAR2X1GC			0.011			0.0002 U	12			0.001 U	9.7		3.5	0.98	
9/13/2006	XX	SWAR2X1J5			I			I	I			I	I		I	I	
5/15/2007	XX	SWAR2X22C			0.003 J			0.0004 J	13			0.003	1.72		4.4	0.26	
7/24/2007	XX	SWAR2X26G			0.001 J			0.0003 J	16			0.001 J	4		4.8	1.04	
9/11/2007	XX	SWAR2X296			D			D	D			D	D		D	D	
5/21/2008	XX	SWAR2X2D0			0.003 U			0.001 U	37.2			0.003 U	1.4		9.1	2.01	

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(SW-AR2) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
7/29/2008	XD	SWDP2X2G6			0.002 J			0.0002 U	18.3			0.001 J	4.14		4.4	1.29	
7/29/2008	XX	SWAR2X2G4			0.002 U			0.0002 U	12.8			0.001 J	3.09		3.1	0.82	
10/28/2008	XX	SWAR2X2IE			0.002 U			0.0002 J	5.1			0.01 U	0.53		1.4	0.03 J	
4/14/2009	XX	SWAR2X322			0.002 U			0.00004 J	10			0.0001 U	0.76		2.8	0.12	
4/14/2009	XD	SWDP2X324			0.002 U			0.00005 J	9.6			0.0001 U	0.69		2.6	0.11	
7/7/2009	XX	SWAR2X366			0.004 J			0.00002 U	10.7			0.0001 U	5.11		2.6	0.69	
10/27/2009	XD	SWDP2X3E3			0.002 U			0.00002 U	8.4			0.0001 U	1.15		2.4	0.1	
10/27/2009	XX	SWAR2X3E1			0.002 U			0.00002 U	7.3			0.0001 U	1.14		2	0.08	
SW-AR3																	
5/26/1994	XX	SWAR3X07C						0.005 U	1.8	0.01 U		0.02 U	1.8		0.7	0.035	
8/8/1994	XX	SWAR3X07F						0.005 U	2.7	0.01 U		0.02 U	1.5		1.3	0.15	
11/15/1994	XX	SWAR3X07J						0.005 U	2.8	0.01 U		0.02 U	0.49		1.2	0.052	
2/7/1995	XX	SWAR3X083						0.005 U	3.2	0.02		0.02 U	16		4.4	0.23	
5/24/1995	XX	SWAR3X087						0.005 U	1.9	0.01 U		0.02 U	0.71		0.7	0.028	
8/16/1995	XX	SWAR3X08B						D	D	D		D	D		D	D	
11/30/1995	XX	SWAR3X08F						0.01 U	2.3	0.015 U		0.025 U	0.49		1.3	0.051	
2/27/1996	XX	SWAR3X08J						0.01 U	1.3	0.015 U		0.025 U	0.19		0.66	0.034	
5/21/1996	XX	SWAR3X09J						0.0005 U	1.6	0.002 U		0.01	0.42		0.76	0.018	
5/21/1996	XD	SWDP2X0A1						0.0005 U	1.5	0.002 U		0.01 U	0.42		0.72	0.019	
11/25/1996	XX	SWAR3X0AF											0.38			0.056	
3/26/1997	XX	SW-AR3823-35515							F				F		F	F	
6/4/1997	XX	SW-AR3824-35585							1.6				0.76		0.67	0.04	
9/11/1997	XX	SW-AR3825-35684							3.2				0.71		1.17	0.08	
12/8/1997	XX	SW-AR3826-35772							1.6				0.36		0.71	0.05	
3/26/1998	XX	SW-AR3827-35880											0.39			0.03	
6/9/1998	XX	SW-AR3828-35955							1.9				0.97		1	0.09	
12/15/1998	XX	SW-AR3830-36144							3.3				0.26		1.06	0.06	
3/30/1999	XX	SW-AR3831-36249							1				0.18		0.24	0.04	
6/9/1999	XX	SW-AR3832-36320							1.5				1.65		0.63	0.01	
9/14/1999	XX	SW-AR3833-36417							4.7				0.45		2	0.32	
12/2/1999	XX	SW-AR3834-36496							2.5				0.29		0.84	0.04	
3/28/2000	XX	SW-AR3835-36613											2.8			0.12	
6/13/2000	XX	SW-AR3836-36690							1.6				0.58		0.57	0.027	
9/13/2000	XX	SW-AR3837-36782							3.1				2.3		1.6	0.16	
12/12/2001	XX	SW-AR3838-37237							3.8				0.88		2.1	0.087	
3/14/2002	XX	SW-AR3839-37329											0.25			0.036	
6/18/2002	XX	SW-AR3840-37425							1.9				1		0	0.024	
9/19/2002	XX	SW-AR3841-37518							3.1				4.4		1.8	0.44	
6/26/2003	XD	SW-AR3D37798											1.6			0.13	
6/26/2003	XX	SW-AR3N37798											1.6			0.13	
9/18/2003	XX	SW-AR3N37882											2.3			0.23	
5/3/2004	XX	SWAR3X01D			0.002 J				1.5				0.51		0.68	0.05	
7/27/2004	XX	SWAR3X04J			0.004				3.1				2.1	0.001 J	1.25	0.12	
10/26/2004	XX	SWAR3X06E			0.001 J				1.8				1.35		0.97	0.08	
5/10/2005	XX	SWAR3X12F			0.001 J			0.0002 U	0.9			0.01 U	0.41		0.54	0.02 J	
7/28/2005	XX	SWAR3X163			0.002 J			0.0002 U	1.9			0.002 J	0.82		1.2	0.08	
9/20/2005	XX	SWAR3X191			0.001 J			0.0002 U	5.2			0.001 J	0.8		2.2	0.1	
5/24/2006	XX	SWAR3X1DG			0.001 J			0.0002 U	1.2			0.001 U	0.47		0.51	0.02 J	
7/26/2006	XX	SWAR3X1GD			0.003 J			0.0002 U	1.5			0.002 J	1.21		0.72	0.06	

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(SW-AR3) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
9/13/2006	XX	SWAR3X1J6			0.001 U			0.0002 U	1.2			0.001 U	1.68		1.02	0.09	
5/15/2007	XX	SWAR3X22D			0.003 J			0.0002 U	1.5			0.003	0.95		0.58	0.04 J	
7/24/2007	XX	SWAR3X26H			0.001 U			0.0012	6			0.004	1.52		1	0.07	
9/11/2007	XX	SWAR3X297			D			D	D			D	D		D	D	
5/21/2008	XX	SWAR3X2D1			0.003 U			0.001 U	2.4			0.003 U	0.74		1	0.04 J	
7/29/2008	XX	SWAR3X2G5			0.002 U			0.0002 U	2.4			0.001 J	0.83		1	0.04 J	
10/28/2008	XX	SWAR3X2IF			0.002 U			0.0003 J	2.6			0.01 U	0.71		1.3	0.06	
4/14/2009	XX	SWAR3X323			0.002 U			0.00005 J	1.2			0.0001 U	0.26		0.6	0.02 J	
7/7/2009	XX	SWAR3X367			0.002 U			0.00002 U	1.9			0.0001 U	1.18		0.8	0.03 J	
10/27/2009	XX	SWAR3X3E2			0.002 U			0.00002 U	2.3			0.0001 U	0.61		1.3	0.05	
SW-DP1																	
5/3/2004	XX	SWDP1X01H			0.003 J				34				0.11		5.9	0.06	
7/27/2004	XX	SWDP1X053			0.003 J				40				0.2	0.001 U	7.6	0.03 J	
10/26/2004	XX	SWDP1X06H			0.004				32				0.05 J		6.5	0.02 J	
5/10/2005	XX	SWDP1X12I			0.003 J			0.0002 U	13			0.01 U	0.85		2.2	0.06	
7/28/2005	XX	SWDP1X166			0.001 U			0.0002 U	15			0.001 J	0.72		2.8	0.09	
9/20/2005	XX	SWDP1X194			0.003 J			0.0005 J	29			0.001 U	1.37		2.9	0.12	
5/24/2006	XX	SWDP1X1DJ			0.004			0.0002 J	33			0.001 J	0.37		4	0.19	
7/26/2006	XX	SWDP1X1GG			0.012			0.0002 J	27			0.003	1.4		4.1	0.88	
9/13/2006	XX	SWDP1X1J9			0.001 J			0.0002 U	24			0.001 U	0.64		4.4	0.05	
5/15/2007	XX	SWDP1X22G			0.002 J			0.0002 J	28			0.003	0.18		4.4	0.03 J	
7/24/2007	XX	SWDP1X270			0.002 J			0.0004 J	18			0.012	0.38		2.5	0.09	
9/11/2007	XX	SWDP1X29A			0.001 U			0.0008	14			0.001 U	0.1		1.8	0.02 J	
5/21/2008	XX	SWDP1X2D4			0.003 U			0.001 U	17.2			0.003 U	0.26		4.9	0.05	
7/29/2008	XX	SWDP1X2G8			0.002 U			0.0002 U	12.1			0.001 J	0.18		1.9	0.02 J	
10/28/2008	XX	SWDP1X2II			0.002 U			0.0002 J	20.7			0.01 U	0.49		4	0.04 J	
4/14/2009	XX	SWDP1X326			0.002 U			0.00002 U	26.9			0.0019	0.36		4.7	0.08	
7/7/2009	XX	SWDP1X36A			0.002 U			0.00002 U	15.9			0.0001 U	0.14		2	0.04 J	
10/27/2009	XX	SWDP1X3E5			0.002 U			0.00002 U	17.7			0.0022	0.33		1.9	0.02 J	
4/28/2010	XX	SWDP1X3J4			0.002 U			0.00002 U	22.4			0.0001 J	0.1		3.3	0.06	
7/20/2010	XX	SWDP1X428			0.002 U			0.00002 U	12.5			0.0001 J	0.18		1.6	0.05	
10/19/2010	XX	SWDP1X45C			0.002 U			0.00002 U	15.9			0.0001 U	0.15		1.4	0.02 J	
SW-DP2																	
5/3/2004	XX	SWDP2X01I			0.004				30				0.12		7.2	0.06	
7/27/2004	XX	SWDP2X054			0.003 J				44				0.35	0.002 J	8.3	0.08	
10/26/2004	XX	SWDP2X06I			0.003 J				44				0.07		5.4	0.02 U	
5/10/2005	XX	SWDP2X12J			0.002 J			0.0002 U	23			0.01 U	0.35		3.3	0.02 J	
7/28/2005	XX	SWDP2X167			0.006			0.0002 U	12			0.001 U	2.2		3.9	0.34	
9/20/2005	XX	SWDP2X195			0.004			0.0002 J	15			0.002 J	4.8		5.9	0.45	
5/24/2006	XX	SWDP2X1E0			!			!	!			!	!		!	!	
7/26/2006	XX	SWDP2X1GH			!			!	!			!	!		!	!	
9/13/2006	XX	SWDP2X1JA			!			!	!			!	!		!	!	
5/15/2007	XX	SWDP2X22H			0.003 J			0.0002 U	7.2			0.002 J	0.58		1.6	0.06	
7/24/2007	XX	SWDP2X271			0.001 J			0.0003 J	17			0.013	0.46		2.3	0.15	
9/11/2007	XX	SWDP2X29B			0.002 J			0.0003 J	22			0.001 J	0.41		2	0.08	
5/21/2008	XX	SWDP2X2D5			0.003 U			0.001 U	10.2			0.003 U	0.66		1.9	0.06	
7/29/2008	XX	SWDP2X2G9			0.003 J			0.0002 U	18.8			0.005	4.41		5.9	0.16	
10/28/2008	XX	SWDP2X2IJ			0.002 U			0.0002 J	11.3			0.01 U	1.22		3.6	0.12	

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(SW-DP2) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
4/14/2009	XX	SWDP2X327			0.006			0.00002 U	16.9			0.0018	0.86		2.6	0.12	
7/7/2009	XX	SWDP2X36B			DE			DE	DE			DE	DE		DE	DE	
SW-DP6																	
10/27/2009	XX	SWDP6X3G6			0.002 J			0.00002 U	11.3			0.005	3.05		2.2	0.07	
4/28/2010	XX	SWDP6X3J5			0.011			0.00002 J	29.8			0.0018	1.52		3.8	0.96	
7/20/2010	XX	SWDP6X429			0.006			0.00002 U	31			0.0001 U	1.02		3.5	0.36	
10/19/2010	XX	SWDP6X45D			0.002 U			0.00002 U	24.6			0.0001 U	0.42		2.5	0.08	
SW-LCH																	
3/26/1997	XX	SW-LCH1-35515							45				2.9		8.8	10.5	
6/3/1997	XX	SW-LCH2-35584							115				11		24	24	
9/11/1997	XX	SW-LCH3-35684							130				31		38	13.9	
12/8/1997	XX	SW-LCH4-35772							100				23		38	9.7	
3/25/1998	XX	SW-LCH5-35879							160				27		46	19.6	
6/9/1998	XX	SW-LCH6-35955							200				60		75	17	
9/10/1998	XX	SW-LCH7-36048							60				15.2		67	1.37	
12/15/1998	XX	SW-LCH8-36144							165				46		63	5.6	
3/30/1999	XX	SW-LCH9-36249							120				25		41	11.6	
6/9/1999	XX	SW-LCH10-36320							75				19		48	8	
9/14/1999	XX	SW-LCH11-36417							75				19.3		51	5.9	
12/2/1999	XX	SW-LCH12-36496							115				13		57	9.9	
3/28/2000	XX	SW-LCH13-36613											21			13	
6/13/2000	XX	SW-LCH14-36690							67				4.4		67	1.7	
9/13/2000	XX	SW-LCH15-36782							23				0.97		39	0.2	
3/14/2001	XX	SW-LCH16-36964							190				7		110	11	
6/19/2001	XX	SW-LCH17-37061							58				2.9		83	1.1	
9/11/2001	XX	SW-LCH18-37145							44				4.9		30	0.9	
12/12/2001	XX	SW-LCH19-37237							33				2.2		81	0.066	
3/14/2002	XX	SW-LCH20-37329											4.4			3.4	
6/18/2002	XX	SW-LCH21-37425							96				4.8		86	2.6	
9/19/2002	XX	SW-LCH22-37518							60				1.6		99	0.95	
12/10/2002	XX	SW-LCH23-37600											3.5			3.1	
3/26/2003	XX	SW-LCHN37706							120				3		130	3.1	
6/26/2003	XX	SW-LCHN37798											4.5			6.3	
9/18/2003	XX	SW-LCHN37882											2			3.3	
5/4/2004	XX	SWLCHX01F	0.2 U	0.02	0.04	0.2 J	0.0002 U	0.01	250	0.009	0.01	0.027	2.8	0.001 U	134	3.9	0.0002 U
7/28/2004	XX	SWLCHX051			0.035				65				0.9	0.001 U	85	0.82	
10/26/2004	XX	SWLCHX06G			0.06				190				2.8		98	1.59	
5/11/2005	XX	SWLCHX12H	0.075	0.003 J	0.024	0.3 J	0.0002 U	0.0002 U	175	0.007	0.009	0.02 J	2.1	0.001 J	120	2.7	0.0002 U
7/27/2005	XX	SWLCHX165			0.032			0.0002 U	350			0.011	0.86		195	3	
9/21/2005	XX	SWLCHX193			0.02			0.0002 U	150			0.002 J	5.5		84	3.7	
5/24/2006	XX	SWLCHX1DI	0.29	0.002 U	0.026	0.2 J	0.0002 U	0.0002 U	160	0.013	0.2 U	0.003	4.2	0.001 J	125	1.38	0.0002 U
7/25/2006	XX	SWLCHX1GF			0.05			0.0002 U	270			0.007	7.4		185	5.2	
9/13/2006	XX	SWLCHX1J8			0.044			0.0002 U	135			0.001 U	2.7		160	0.63	
5/15/2007	XX	SWLCHX22F	0.5 J	0.002 U	0.024	0.1 U	0.0002 U	0.0002 U	470	0.011	0.006 J	0.004	10.5	0.01	225	7	0.0002 U
7/24/2007	XX	SWLCHX26J			0.035			0.0003 J	210			0.001 J	3.3		205	3.1	
9/11/2007	XX	SWLCHX299			0.042			0.0005 J	360			0.003	2.7		260	0.54	
5/21/2008	XX	SWLCHX2D3	0.28	0.004 J	0.054	0.477	0.001 U	0.001 J	240	0.026	0.01	0.003 J	5.28	0.003 J	221	1.76	0.0002 U
7/29/2008	XX	SWLCHX2G7			0.062			0.0002 U	182.8			0.002 J	4.34		222.8	1.22	

(SW-LCH) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
10/29/2008	XX	SWLCHX2IH			0.043			0.001 J	207			0.01 U	3.9		188	1.2	
SW-UD																	
5/4/2004	XX	SWXUDX020			0.003 J				45				0.09		17.5	0.04 J	
SW-1																	
11/13/1990	XX	SW-133190						0.005 U	3.9	0.01 U		0.02 U	0.3		1.4	0.014	
11/13/1990	XD	SW-1XD33190						0.005 U	3.8	0.01 U		0.02 U	0.3		1.4	0.014	
2/20/1991	XX	SW-133289	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/4/1991	XX	SW-133393						0.005 U	7.3	0.01 U		0.02 U	1.6		2.1	0.094	
9/16/1991	XX	SW-133497						0.005 U	7.5	0.01 U		0.02 U	0.88		2	0.056	
12/18/1991	XX	SWXX1X00B						0.005 U	6	0.01 U		0.02 U	0.33		1.9	0.029	
3/2/1992	XX	SWXX1X019	F	F	F	F	F	F	F	F		F	F	F	F	F	F
6/23/1992	XX	SWXX1X024						0.005 U	9	0.01 U		0.02 U	3.2		2.3	0.12	
8/17/1992	XX	SWXX1X033						0.005 U	21	0.01 U		0.02 U	2.7		3.3	0.42	
1/26/1993	XX	SWXX1X03J						0.005 U	8.7	0.01 U		0.02 U	0.6		2.9	0.18	
4/27/1993	XX	SWXX1X049						0.005 U	4	0.01 U		0.02 U	0.37		1.2	0.011	
7/21/1993	XX	SWXX1X051						0.005 U	11	0.01 U		0.02 U	4.8		2.8	0.54	
10/12/1993	XX	SWXX1X06A						0.005 U	6.5	0.01 U		0.02 U	0.57		1.9	0.074	
1/11/1994	XX	SWXX1X076						0.005 U	10	0.01 U		0.02 U	0.81		2.8	0.14	
5/21/1996	XX	SWXX1X09F						0.0005 U	5.3	0.002 U		0.01	0.25		1.62	0.001	
11/25/1996	XX	SWXX1X0AH											0.41			0.04	
3/26/1997	XX	SW-1816-35515							F				F		F	F	
6/4/1997	XX	SW-1817-35585							8.1				2.3		2.3	0.18	
9/11/1997	XX	SW-1818-35684							8.8				1.13		3	0.08	
12/8/1997	XX	SW-1819-35772							6.5				0.67		2.8	0.05	
3/25/1998	XX	SW-1820-35879							4.6				0.33		2.2	0.02 U	
6/9/1998	XX	SW-1821-35955							8.9				1.3		2.6	0.17	
9/10/1998	XX	SW-1822-36048							8.2				1.19		3.6	0.1	
12/15/1998	XX	SW-1823-36144							7.5				0.54		2.4	0.05	
3/30/1999	XX	SW-1824-36249							3.3				0.18		0.21	0.01	
6/9/1999	XX	SW-1825-36320							7.7				1.44		2.2	0.25	
9/15/1999	XX	SW-1826-36418							9.1				1.31		2.5	0.02	
12/2/1999	XX	SW-1827-36496							10				0.81		3.3	0.17	
3/28/2000	XX	SW-1828-36613											0.45			0.032	
6/13/2000	XX	SW-1829-36690							11				0.95		3	0.091	
9/13/2000	XX	SW-1830-36782							8.2				4		2.8	0.38	
6/19/2001	XX	SW-1831-37061							10				5.3		2.8	0.41	
9/11/2001	XX	SW-1832-37145							12				4.6		3.3	0.23	
12/12/2001	XX	SW-1833-37237							7				1.4		2.6	0.072	
3/14/2002	XX	SW-1834-37329											0.3			0.01 U	
6/18/2002	XX	SW-1835-37425							6.8				1.6		2.2	0.021	
9/19/2002	XX	SW-1836-37518							9.3				5.3		2.9	0.26	
6/26/2003	XX	SW-1N37798											10			4.8	
9/18/2003	XD	SW-1D37882											5.4			0.44	
9/18/2003	XX	SW-1N37882											5.7			0.57	
5/3/2004	XX	SWXX1X018			0.006				6.3				0.23		1.99	0.03 J	
7/27/2004	XX	SWXX1X04E			0.006				7.3				3.3	0.002 J	2.4	0.75	
10/26/2004	XX	SWXX1X000			0.005				4.8				0.63		1.77	0.06	
5/10/2005	XX	SWXX1X12A			0.002 J			0.0002 U	3.1			0.01 U	0.21		1.19	0.02 U	

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(SW-1) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
7/28/2005	XX	SWXX1X15I			0.004			0.0002 U	6.8			0.001 J	5		2.4	0.4	
9/20/2005	XX	SWXX1X18G			0.001 J			0.0002 U	11			0.001 J	3.5		2.9	0.23	
5/24/2006	XX	SWXX1X1DB			0.004			0.0003 J	25			0.002 J	0.56		4.5	0.04 J	
7/26/2006	XX	SWXX1X1G8			0.007			0.0002 U	7.6			0.003	2.5		2.3	0.33	
7/26/2006	XD	SWDP2X1GE			0.007			0.0002 U	7.6			0.002 J	2.3		2.3	0.32	
9/13/2006	XX	SWXX1X1J1			0.001 J			0.0002 U	48			0.002 J	1.16		8.7	0.16	
5/15/2007	XX	SWXX1X228			0.004			0.0002 U	8.4			0.002 J	0.72		2.3	0.05	
5/15/2007	XD	SWDP2X22E			0.004			0.0003 J	9.2			0.002 J	0.74		2.6	0.04 J	
7/24/2007	XD	SWDP2X26I			0.001 U			0.0003 J	10			0.002 J	1.18		2.7	0.03 J	
7/24/2007	XX	SWXX1X26C			0.001 J			0.0002 J	10			0.003	1.16		2.7	0.03 J	
9/11/2007	XX	SWXX1X292			0.001 J			0.0004 J	11			0.001 J	1.27		2.7	0.06	
5/21/2008	XX	SWXX1X2CG			0.003 J			0.001 U	8.6			0.003 U	1.97		2.3	0.1	
5/21/2008	XD	SWDP2X2D2			0.003 J			0.001 U	8.5			0.003 U	1.96		2.3	0.09	
7/29/2008	XX	SWXX1X2G0			I			I	I			I	I		I	I	
10/28/2008	XX	SWXX1X2IA			0.002 U			0.0005 J	6.9			0.01 U	0.57		2.1	0.03 J	
4/14/2009	XX	SWXX1X31I			0.002 U			0.00002 U	9.4			0.0001 U	0.1		2.2	0.02 U	
7/7/2009	XX	SWXX1X362			0.002 U			0.00002 U	5.4			0.0001 U	1.31		1.7	0.1	
10/27/2009	XX	SWXX1X3DH			0.002 U			0.00002 U	3.9			0.0001 U	0.35		1.4	0.02 J	
4/28/2010	XX	SWXX1X3IG			0.002 U			0.00003 J	6.9			0.0001 J	0.56		2.1	0.05	
7/20/2010	XX	SWXX1X420			0.008			0.00002 U	33.7			0.0075	19.4		10.7	0.49	
10/19/2010	XX	SWXX1X454			0.002 U			0.00002 U	6.4			0.0001 U	0.4		2.1	0.02 U	
SW-2																	
11/13/1990	XX	SW-233190						0.005 U	3.6	0.01 U		0.02 U	0.24		1.2	0.005 U	
2/20/1991	XX	SW-233289						0.005 U	7.2	0.01 U		0.02 U	1.6		2.6	0.1	
2/20/1991	XD	SW-2XD33289						0.005 U	6.6	0.01 U		0.02 U	1.4		2.4	0.093	
6/4/1991	XX	SW-233393						0.005 U	5.2	0.01 U		0.02 U	0.79		1.9	0.043	
9/17/1991	XX	SW-233498						0.005 U	0.1 U	0.01 U		0.02 U	0.03 U		0.1 U	0.005 U	
12/18/1991	XX	SWXX2X00C						0.005 U	4.4	0.01 U		0.02 U	0.58		1.5	0.094	
3/2/1992	XD	SWXX2XHA0						0.005 U	7.4	0.01 U		0.02 U	4.2		2.9	0.11	
3/2/1992	XX	SWXX2X01A						0.005 U	7.7	0.01 U		0.02 U	3.8		3	0.11	
6/23/1992	XX	SWXX2X025						0.005 U	8.1	0.01 U		0.02 U	1.5		2.5	0.066	
8/17/1992	XX	SWXX2X034						0.005 U	10	0.01 U		0.02 U	8.8		3.2	0.43	
1/26/1993	XX	SWXX2X040						0.005 U	7.3	0.01 U		0.02 U	1.2		2.6	0.092	
1/27/1993	XD	SWXX2XHA5						0.005 U	6.5	0.01 U		0.02 U	1.4		2.4	0.082	
4/27/1993	XX	SWXX2X04A						0.005 U	3.8	0.01 U		0.02 U	0.75		1.3	0.025	
7/21/1993	XX	SWXX2X052						0.005 U	9.4	0.01 U		0.02 U	1.9		2.9	0.075	
10/13/1993	XX	SWXX2X06B						0.005 U	4.5	0.01 U		0.02 U	1.7		1.5	0.019	
1/11/1994	XX	SWXX2X077						0.005 U	10	0.01 U		0.02 U	2.5		3.3	0.22	
5/21/1996	XX	SWXX2X09G						0.0005 U	3.5	0.002 U		0.02	0.33		1.38	0.003	
11/25/1996	XX	SWXX2X0AI											0.38			0.045	
11/25/1996	XD	SWDP2X0AG											0.4			0.042	
3/26/1997	XX	SW-2818-35515							5.8				1.43		2.3	0.1	
6/4/1997	XX	SW-2819-35585							6.6				0.7		2.1	0.02	
9/11/1997	XX	SW-2820-35684							6.9				2.6		2.7	0.15	
12/8/1997	XX	SW-2821-35772							6.6				2.3		2.7	0.23	
3/25/1998	XX	SW-2822-35879							3.8				1.32		1.81	0.12	
6/9/1998	XX	SW-2823-35955							5.7				0.63		2.1	0.06	
9/10/1998	XX	SW-2824-36048							9				1.27		3.7	0.13	
12/15/1998	XX	SW-2825-36144							5.9				0.92		2.1	0.09	

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(SW-2)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
3/30/1999	XX	SW-2826-36249							2.3				0.22		0.56	0.06	
6/9/1999	XX	SW-2827-36320							6.8				1.47		2	0.14	
9/15/1999	XX	SW-2828-36418							6.9				2.9		2.1	0.22	
12/2/1999	XX	SW-2829-36496							5.3				1.63		2	0.09	
3/28/2000	XX	SW-2830-36613											0.63			0.096	
6/13/2000	XX	SW-2831-36690							5.6				1.3		1.9	0.089	
9/13/2000	XX	SW-2832-36782							6.6				0.77		2.3	0.063	
12/12/2000	XX	SW-2833-36872							2				0.63		1 U	0.055	
6/19/2001	XX	SW-2834-37061							5.5				2.3		2	0.093	
9/11/2001	XX	SW-2835-37145							8.6				1.1		2.6	0.069	
12/12/2001	XX	SW-2836-37237							4.4				0.28		1.8	0.022	
3/14/2002	XX	SW-2837-37329											1			0.085	
6/18/2002	XX	SW-2838-37425							4.6				1.9		1.8	0.074	
9/19/2002	XX	SW-2839-37518							7.8				1.7		2.8	0.17	
12/10/2002	XX	SW-2840-37600											1.4			0.18	
3/26/2003	XX	SW-2N37706							4.3				0.38		1.6	0.066	
6/26/2003	XX	SW-2N37798											1.7			0.18	
9/18/2003	XX	SW-2N37882											2.3			0.11	
5/3/2004	XX	SWXX2X019			0.004				5.4				0.39		1.4	0.08	
7/27/2004	XD	SWDP2X050			0.005				6.8				0.77	0.001 J	2.4	0.07	
7/27/2004	XX	SWXX2X04F			0.004				7.1				0.78	0.002 J	2.3	0.05	
10/26/2004	XX	SWXX2X06A			0.001 J				4.7				0.37		1.9	0.03 J	
5/10/2005	XD	SWDP2X12G			0.003 J			0.0002 U	3.1			0.01 U	0.21		1.32	0.02 U	
5/10/2005	XX	SWXX2X12B			0.002 J			0.0002 U	3.2			0.01 J	0.2		1.33	0.02 U	
7/28/2005	XX	SWXX2X15J			0.001 U			0.0002 U	5.3			0.001 U	0.47		2	0.07	
9/20/2005	XX	SWXX2X18H			0.007			0.0002 U	5.8			0.003	0.75		1.92	0.08	
5/24/2006	XX	SWXX2X1DC			0.003 J			0.0002 U	5.4			0.001 J	0.28		1.61	0.02 J	
5/24/2006	XD	SWDP2X1DH			0.001 U			0.0002 U	5.5			0.001 J	0.27		1.6	0.02 J	
7/26/2006	XX	SWXX2X1G9			0.007			0.0002 U	5.5			0.002 J	2.5		1.94	0.18	
9/13/2006	XD	SWDP2X1J7			0.001 U			0.0002 U	4.5			0.001 U	1.64		2.8	0.18	
9/13/2006	XX	SWXX2X1J2			0.001 J			0.0002 U	4.5			0.001 U	1.63		2.8	0.17	
5/15/2007	XX	SWXX2X229			0.002 J			0.0002 U	5			0.002 J	0.68		1.71	0.05	
7/24/2007	XX	SWXX2X26D			0.001 J			0.0003 J	10			0.001 J	1.26		2.4	0.12	
9/11/2007	XD	SWDP2X298			0.001 U			0.0003 J	10			0.002 J	1.28		2.6	0.2	
9/11/2007	XX	SWXX2X293			0.001 J			0.0004 J	10			0.001 J	1.29		2.6	0.19	
5/21/2008	XX	SWXX2X2CH			0.003 J			0.001 U	5			0.003 U	1.51		1.8	0.09	
7/29/2008	XX	SWXX2X2G1			0.002 U			0.0002 U	6.3			0.001 U	1.37		2.3	0.14	
10/28/2008	XD	SWDP2X2IG			0.002 U			0.0002 U	4.7			0.01 U	0.41		1.9	0.03 J	
10/28/2008	XX	SWXX2X2IB			0.002 U			0.0002 U	4.6			0.01 U	0.38		1.9	0.02 J	
4/14/2009	XX	SWXX2X31J			0.002 U			0.00002 U	2.8			0.0001 U	0.37		1.1	0.04 J	
7/7/2009	XD	SWDP2X368			0.002 J			0.00004 J	4.1			0.0001 U	0.76		1.5	0.06	
7/7/2009	XX	SWXX2X363			0.004 J			0.00003 J	4.2			0.0001 U	0.68		1.5	0.06	
10/27/2009	XX	SWXX2X3DI			0.002 U			0.00002 U	7			0.0024	0.14		2.1	0.02 U	
4/28/2010	XX	SWXX2X3IH			0.003 J			0.00002 J	4.5			0.0001 U	0.31		1.7	0.04 J	
4/28/2010	XD	SWDP2X3J2			0.005			0.00002 U	4.6			0.0001 U	0.32		1.7	0.04 J	
7/20/2010	XD	SWDP2X426			0.002 J			0.00002 U	5.7			0.0001 J	0.67		2.1	0.06	
7/20/2010	XX	SWXX2X421			0.002 J			0.00002 U	5.9			0.0001 J	0.68		2.1	0.06	
10/19/2010	XD	SWDP2X45A			0.002 U			0.00002 U	5.7			0.0001 U	0.44		2	0.02 J	
10/19/2010	XX	SWXX2X455			0.002 U			0.00002 U	5.8			0.0001 U	0.44		2.1	0.02 J	

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(SW-3)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
SW-3																	
5/26/1994	XX	SWXX3X078						0.005 U	5.9	0.01 U		0.02 U	0.7		1.6	0.06	
8/8/1994	XX	SWXX3X07G						0.005 U	7	0.01 U		0.02 U	0.8		1.9	0.11	
11/15/1994	XX	SWXX3X080						0.005 U	5.4	0.01 U		0.02 U	0.28		1.6	0.015	
2/7/1995	XX	SWXX3X084						0.005 U	6.5	0.01 U		0.02 U	0.43		1.8	0.034	
5/24/1995	XX	SWXX3X088						0.005 U	6.4	0.01 U		0.02 U	0.77		1.8	0.059	
8/16/1995	XX	SWXX3X08C						0.005 U	8.5	0.01 U		0.02 U	1.5		2.3	0.16	
11/30/1995	XX	SWXX3X08G						0.01 U	5	0.015 U		0.025 U	0.28		1.6	0.015	
2/27/1996	XX	SWXX3X090						0.01 U	3.2	0.015 U		0.025 U	0.33		0.97	0.04	
5/21/1996	XX	SWXX3X0A0						0.0005 U	4.7	0.002 U		0.01	0.34		1.33	0.004	
11/25/1996	XX	SWXX3X0AJ											0.54			0.038	
3/26/1997	XX	SW-3819-35515							F				F		F	F	
6/4/1997	XX	SW-3820-35585							6.8				1.13		1.8	0.05	
9/11/1997	XX	SW-3821-35684							7				0.62		2.4	0.06	
12/8/1997	XX	SW-3822-35772							5.9				0.45		2.1	0.03	
3/26/1998	XX	SW-3823-35880											0.37			0.02 U	
6/9/1998	XX	SW-3824-35955							6.8				0.6		2.4	0.08	
9/10/1998	XX	SW-3825-36048							7.8				0.76		3.1	0.1	
12/15/1998	XX	SW-3826-36144							7.9				0.42		2	0.03	
3/30/1999	XX	SW-3827-36249							2.8				0.21		0.47	0.03	
6/9/1999	XX	SW-3828-36320							6.6				2.3		1.57	0.3	
9/15/1999	XX	SW-3829-36418							6.8				0.82		1.75	0.04	
12/2/1999	XX	SW-3830-36496							5.9				0.56		1.72	0.05	
3/28/2000	XX	SW-3831-36613											0.64			0.059	
6/13/2000	XX	SW-3832-36690							7.2				1.7		1.9	0.06	
9/13/2000	XX	SW-3833-36782							7.2				1.6		2.3	0.11	
6/19/2001	XX	SW-3834-37061							10				1.6		2.7	0.34	
9/11/2001	XX	SW-3835-37145							10				1.9		2.8	0.79	
12/12/2001	XX	SW-3836-37237							7.8				0.46		2.6	0.048	
3/14/2002	XX	SW-3837-37329											0.36			0.026	
6/18/2002	XX	SW-3838-37425							7.5				1.3		2.1	0.075	
9/19/2002	XX	SW-3839-37518							9.7				0.91		3	0.53	
12/10/2002	XX	SW-3840-37600											0.72			0.06	
6/26/2003	XX	SW-3N37798											3			1.3	
9/18/2003	XX	SW-3N37882											1.5			0.48	
5/3/2004	XD	SWDP2X01E			0.002 J				4.7				0.57		1.43	0.19	
5/3/2004	XX	SWXX3X01A			0.004				5.2				0.53		1.45	0.18	
7/27/2004	XX	SWXX3X04G			0.003 J				10				3.5	0.001 J	2.7	0.42	
10/26/2004	XX	SWXX3X06B			0.001 J				5				1.7		1.89	0.25	
10/26/2004	XD	SWDP2X06F			0.002 J				5.1				1.68		1.89	0.25	
5/10/2005	XX	SWXX3X12C			0.003 J			0.0002 U	3.2			0.01 U	0.3		0.97	0.02 J	
7/28/2005	XD	SWDP2X164			0.001 J			0.0002 U	6.4			0.001 J	1.95		1.9	0.25	
7/28/2005	XX	SWXX3X160			0.002 J			0.0002 U	6.2			0.001 J	1.97		2	0.26	
9/20/2005	XD	SWDP2X192			0.002 J			0.0002 U	8.1			0.002 J	1.82		1.82	0.17	
9/20/2005	XX	SWXX3X18I			0.003 J			0.0002 U	7.8			0.003	1.78		1.8	0.17	
5/24/2006	XX	SWXX3X1DD			0.001 U			0.0002 U	5.6			0.001 U	0.54		1.24	0.07	
7/26/2006	XX	SWXX3X1GA			0.003 J			0.0002 U	5.9			0.002 J	1.36		1.44	0.17	
9/13/2006	XX	SWXX3X1J3			0.001 J			0.0002 U	5.2			0.001 U	1.53		2	0.12	
5/15/2007	XX	SWXX3X22A			0.002 J			0.0002 U	6.3			0.003	0.69		1.65	0.17	

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(SW-3) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
7/24/2007	XX	SWXX3X26E			0.002 J			0.0003 J	10			0.001 J	1.75		2.1	0.23	
9/11/2007	XX	SWXX3X294			0.001 U			0.0002 J	11			0.001 U	1.3		2.3	0.2	
5/21/2008	XX	SWXX3X2CI			0.003 U			0.001 U	7.3			0.003 U	0.99		2.1	0.2	
7/29/2008	XX	SWXX3X2G2			0.002 U			0.0002 U	9			0.001 U	1.12		2.4	0.06	
10/28/2008	XX	SWXX3X2IC			0.002 U			0.0002 U	6.6			0.01 U	0.48		1.9	0.02 J	
4/14/2009	XX	SWXX3X320			0.002 J			0.00005 J	3.8			0.0001 U	0.2		1.2	0.02 U	
7/7/2009	XX	SWXX3X364			0.002 U			0.00002 U	6			0.0001 U	1.14		1.5	0.07	
10/27/2009	XX	SWXX3X3DJ			0.002 U			0.00002 U	4.1			0.0001 U	0.39		1.2	0.02 J	
4/28/2010	XX	SWXX3X3II			0.002 U			0.00002 U	6.4			0.0001 U	0.6		1.7	0.08	
7/20/2010	XX	SWXX3X422			0.004 J			0.00002 U	11.2			0.0001 J	1.34		2.7	0.28	
10/19/2010	XX	SWXX3X456			0.002 U			0.00002 U	7.8			0.0001 U	0.28		1.9	0.02 U	
SW-4																	
11/25/1996	XX	SWXX4X0B2											0.027			0.008	
3/26/1997	XX	SW-4820-35515							32				0.22		8.4	0.022	
6/3/1997	XX	SW-4821-35584							42				0.16		8.2	0.02 U	
9/11/1997	XX	SW-4822-35684							46				0.45		11	0.04	
12/8/1997	XX	SW-4823-35772							44				4		12	0.26	
3/25/1998	XX	SW-4824-35879							38				0.22		9.4	0.02 U	
6/9/1998	XX	SW-4825-35955							41				0.15		8.7	0.02 U	
9/10/1998	XX	SW-4826-36048							37				0.09		9.8	0.02 U	
12/15/1998	XX	SW-4827-36144							37				0.08		7.8	0.02 U	
3/30/1999	XX	SW-4828-36249							37				0.26		8.3	0.02	
6/9/1999	XX	SW-4829-36320							38				0.17		8.4	0.01	
9/14/1999	XX	SW-4830-36417							27				1.32		6.5	0.1	
12/2/1999	XX	SW-4831-36496							40				1.52		8.5	0.11	
3/28/2000	XX	SW-4832-36613											0.84			0.021	
6/13/2000	XX	SW-4833-36690							40				13		11	0.36	
9/13/2000	XX	SW-4834-36782							33				13		9.1	0.42	
12/12/2000	XX	SW-4835-36872							30				0.6		7.3	0.01	
3/14/2001	XX	SW-4836-36964							26				2		6.8	0.041	
6/19/2001	XX	SW-4837-37061							27				1.2		6.7	0.028	
9/11/2001	XX	SW-4838-37145							36				0.09		8.6	0.01 U	
12/12/2001	XX	SW-4839-37237							32				0.16		7.5	0.01 U	
3/14/2002	XX	SW-4840-37329											0.13			0.01 U	
6/18/2002	XX	SW-4841-37425							29				0.076		7.3	0.01 U	
9/19/2002	XX	SW-4842-37518							37				0.095		8.4	0.01 U	
12/10/2002	XX	SW-4843-37600											0.26			0.01 U	
3/26/2003	XX	SW-4N37706							28				0.1		6.3	0.01 U	
3/26/2003	XD	SW-4D37706							26				0.086		6.4	0.01 U	
6/26/2003	XX	SW-4N37798											0.45			0.01 U	
9/18/2003	XX	SW-4N37882											0.38			0.012	
5/4/2004	XX	SWXX4X01G			0.003 J				28				0.05 J		6.4	0.02 J	
PWS-1																	
4/26/2010	XX	GWPWS13IJ			0.008			0.0002 U	17			0.001 U	2.25		4.5	0.18	
7/19/2010	XX	GWPWS1423			0.015			0.0002 U	35.2			0.009	30.3		12.2	0.72	
10/18/2010	XX	GWPWS1457			0.009			0.0002 U	34.6			0.001 U	0.63		9	0.05	
PWS-2																	
4/26/2010	XX	GWPWS23J0			0.004 J			0.0002 U	6.9			0.001 U	1.03		1.5	0.02 U	

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(PWS-2)			Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L	Mercury mg/L
Date	Type	Sample ID															
7/19/2010	XX	GWPWS2424			0.005			0.0002 U	10.2			0.001 U	2.54		2.9	0.05	
10/18/2010	XX	GWPWS2458			0.006			0.0002 U	9.7			0.001 U	0.35		2.4	0.02 U	
PWS-3																	
4/26/2010	XX	GWPWS33J1			0.003 J			0.0002 U	25			0.001 U	0.34		3.6	0.02 J	
7/19/2010	XX	GWPWS3425			0.004 J			0.0002 U	17			0.001 J	20.8		4.3	0.72	
10/18/2010	XX	GWPWS3459			0.005			0.0002 U	7.4			0.001 U	2.26		2.4	0.11	

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

! - The sampling location was damaged or destroyed.
D - The sampling location was dry.
DE - Decommissioned Location
F - The sampling location was frozen.
F6 - No flow. Sample not taken.
H2 - Waterlevel higher than pipes. See LF-COMP for readings
I - The sampling location yielded insufficient quantity to collect a sample.
J - Analyte was positively identified/Associated value is an estimate below reporting limit.
U - Not Detected above the reported sample detection limit.

SUMMARY REPORT

Metal (part 2 of 2)

SEVEE & MAHER ENGINEERS, INC.
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(LF-UD-1)			Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Tin
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID									
LF-UD-1											
7/28/2004	XX	LFUD1X05E		2.7			5.9				
10/27/2004	XX	LFUD1X076		2.1			5.8				
5/11/2005	XX	LFUD1X137	0.01	1.9			6.8				
7/27/2005	XX	LFUD1X16F	0.002 U	1.8			6.4				
9/21/2005	XX	LFUD1X19D	0.002 U	1.8			7.1				
5/24/2006	XX	LFUD1X1E8	0.002 U	2			7.6				
7/25/2006	XX	LFUD1X1H5	0.002 U	2.4			8.6				
9/11/2006	XX	LFUD1X1JI	0.003 J	2			9.1				
5/16/2007	XX	LFUD1X235	0.002 U	4			9.4				
7/25/2007	XX	LFUD1X279	0.002 U	2.5			8				
9/12/2007	XX	LFUD1X29J	I	I			I				
5/20/2008	XX	LFUD1X2DD	0.003 U	2.3			8.3				
7/28/2008	XX	LFUD1X2GH	0.002 U	2.2			6.8				
10/28/2008	XX	LFUD1X2J7	0.002 U	2.4			7.8				
4/15/2009	XX	LFUD1X32F	0.002 U	2.8			8.2				
7/8/2009	XX	LFUD1X36J	H2	H2			H2				
10/27/2009	XX	LFUD1X3EE	H2	H2			H2				
4/27/2010	XX	LFUD1X3JD	0.002 U	3.1			7.6				
7/20/2010	XX	LFUD1X42H	F6	F6			F6				
10/19/2010	XX	LFUD1X461	F6	F6			F6				
LF-UD-2											
7/28/2004	XX	LFUD2X05F		2.5			5.4				
10/27/2004	XX	LFUD2X077		2			5.2				
5/11/2005	XX	LFUD2X138	0.002 J	2			5.7				
7/27/2005	XX	LFUD2X16G	0.002 U	2			6.9				
9/21/2005	XX	LFUD2X19E	0.002 U	1.9			6.1				
5/24/2006	XX	LFUD2X1E9	0.002 U	2.1			5.7				
7/25/2006	XX	LFUD2X1H6	0.002 U	2.4			6				
9/11/2006	XX	LFUD2X1JJ	0.002 J	3.2			18.1				
5/16/2007	XX	LFUD2X236	0.002 J	3.6			6.4				
7/25/2007	XX	LFUD2X27A	0.002 U	2.5			5.9				
9/12/2007	XX	LFUD2X2A0	0.002 U	2.3			5.8				
5/20/2008	XX	LFUD2X2DE	0.003 U	2.4			5.5				
7/28/2008	XX	LFUD2X2GI	0.002 U	2.3			5.4				
10/29/2008	XX	LFUD2X2J8	0.002 U	2.3			5.2				
4/15/2009	XX	LFUD2X32G	0.002 U	2.9			6.1				
7/8/2009	XX	LFUD2X370	H2	H2			H2				
10/27/2009	XX	LFUD2X3EF	H2	H2			H2				
4/27/2010	XX	LFUD2X3JE	0.002 U	3.3			6.6				
7/20/2010	XX	LFUD2X42I	0.002 U	3.3			6.2				
10/19/2010	XX	LFUD2X462	0.002 U	5			9.9				
LF-UD-3A											
5/16/2007	XX	LFUD3X246	0.002 U	3.3			8.9				
7/25/2007	XX	LFUD3X288	F6	F6			F6				
9/12/2007	XX	LFUD3X2AI	F6	F6			F6				
5/20/2008	XX	LFUD3X2EE	0.003 U	2.9			6				
7/28/2008	XX	LFUD3X2HG	D	D			D				

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(LF-UD-3A)			Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
Date	Type	Sample ID									
10/29/2008	XX	LFUD3X306	F6	F6			F6				
4/15/2009	XX	LFXXXX33F	0.002 U	2			8.4				
7/8/2009	XX	LFXXXX37I	H2	H2			H2				
10/27/2009	XX	LFXXXX3FC	H2	H2			H2				
4/27/2010	XX	LFXXXX40C	0.002 U	1.8			9.5				
7/20/2010	XX	LFXXXX43G	F6	F6			F6				
10/19/2010	XX	LFXXXX46J	F6	F6			F6				
LF-UD-3B											
4/15/2009	XX	LFXXXX349	F6	F6			F6				
7/8/2009	XX	LFXXXX37J	H2	H2			H2				
10/27/2009	XX	LFXXXX3FD	H2	H2			H2				
4/27/2010	XX	LFXXXX40D	F6	F6			F6				
7/20/2010	XX	LFXXXX43H	F6	F6			F6				
10/19/2010	XX	LFXXXX470	F6	F6			F6				
LF-UD-4											
4/15/2009	XX	LFXXXX34A	0.002 U	4.9			10.2				
7/8/2009	XX	LFXXXX380	H2	H2			H2				
10/27/2009	XX	LFXXXX3FE	H2	H2			H2				
4/27/2010	XX	LFXXXX40E	F6	F6			F6				
7/20/2010	XX	LFXXXX43I	F6	F6			F6				
10/19/2010	XX	LFXXXX471	F6	F6			F6				
LF-UD-5											
4/27/2010	XX	LFXXXX40F	0.002 U	3.9			6				
7/20/2010	XX	LFXXXX43J	0.002 U	4.9			7.1				
10/19/2010	XX	LFXXXX472	0.002 U	4.8			8.1				
LF-COMP											
7/8/2009	XX	LFXXXXHG0	0.002 U	2.6			5.8				
10/27/2009	XX	LFXXXXHBA	0.002 U	4.1			9.8				
LP-LD-1											
7/28/2004	XX	LPLD1X05I		32			51				
10/27/2004	XX	LPLD1X07A		22			37				
5/11/2005	XX	LPLD1X13B	0.002 U	4.2			2.8				
7/27/2005	XX	LPLD1X16J	0.002 J	6.5			9.7				
9/21/2005	XX	LPLD1X19H	0.005	58			68				
5/24/2006	XX	LPLD1X1EC	0.002 J	8.7			12				
7/25/2006	XX	LPLD1X1H9	0.002 U	8.3			26				
9/11/2006	XX	LPLD1X202	0.006	11.5			45				
5/16/2007	XX	LPLD1X239	0.002 J	4.5			22				
7/25/2007	XX	LPLD1X27D	0.002 U	18			35				
9/12/2007	XX	LPLD1X2A3	0.005	18			42				
5/20/2008	XX	LPLD1X2DH	0.003 U	9.3			2.7				
7/28/2008	XX	LPLD1X2H1	0.002 U	17.3			5.3				
10/29/2008	XX	LPLD1X2JB	0.002 U	24.9			7.4				
4/15/2009	XX	LPLD1X32J	0.002 U	6.2			21.3				
7/8/2009	XX	LPLD1X373	0.002 U	2.1			8.1				
10/27/2009	XX	LPLD1X3EI	0.002 J	7.1			7.7				

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(LP-UD-1) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
LP-UD-1											
7/28/2004	XX	LPUD1X05G		D			D				
10/27/2004	XX	LPUD1X078		H2			H2				
5/11/2005	XX	LPUD1X139	D	D			D				
7/27/2005	XX	LPUD1X16H	D	D			D				
9/21/2005	XX	LPUD1X19F	D	D			D				
5/24/2006	XX	LPUD1X1EA	D	D			D				
7/26/2006	XX	LPUD1X1H7	F6	F6			F6				
9/11/2006	XX	LPUD1X200	D	D			D				
5/16/2007	XX	LPUD1X237	F6	F6			F6				
7/25/2007	XX	LPUD1X27B	F6	F6			F6				
9/12/2007	XX	LPUD1X2A1	F6	F6			F6				
5/20/2008	XX	LPUD1X2DF	F6	F6			F6				
7/28/2008	XX	LPUD1X2GJ	D	D			D				
10/29/2008	XX	LPUD1X2J9	F6	F6			F6				
4/15/2009	XX	LPUD1X32H	F6	F6			F6				
7/8/2009	XX	LPUD1X371	F6	F6			F6				
10/27/2009	XX	LPUD1X3EG	F6	F6			F6				
4/27/2010	XX	LPUD1X3JF	F6	F6			F6				
7/20/2010	XX	LPUD1X42J	F6	F6			F6				
10/19/2010	XX	LPUD1X463	F6	F6			F6				
LP-UD-2											
7/28/2004	XX	LPUD2X05H		8			24				
10/27/2004	XX	LPUD2X079		25			58				
5/11/2005	XX	LPUD2X13A	0.007	8.4			23				
7/27/2005	XX	LPUD2X16I	0.002 U	3.7			21				
9/21/2005	XX	LPUD2X19G	0.002 J	5.3			25				
5/24/2006	XX	LPUD2X1EB	0.002 U	4.2			17				
7/25/2006	XX	LPUD2X1H8	0.002 J	4			17.6				
9/11/2006	XX	LPUD2X201	0.002 J	2.3			7				
5/16/2007	XX	LPUD2X238	0.002 J	4.3			15.9				
7/25/2007	XX	LPUD2X27C	0.002 U	4.2			14.5				
9/12/2007	XX	LPUD2X2A2	0.002 U	2.9			12.6				
5/20/2008	XX	LPUD2X2DG	0.003 U	3			12.1				
7/28/2008	XX	LPUD2X2H0	0.002 U	3.1			10.6				
10/29/2008	XX	LPUD2X2JA	0.002 U	3.2			9.9				
4/15/2009	XX	LPUD2X32I	0.002 U	2.7			9.2				
7/8/2009	XX	LPUD2X372	0.002 J	3.1			10.4				
10/27/2009	XX	LPUD2X3EH	0.003 J	2.8			7.6				
4/27/2010	XX	LPUD2X3JG	0.002 U	2.3			8.5				
7/20/2010	XX	LPUD2X430	0.002 U	2.5			8.9				
10/19/2010	XX	LPUD2X464	0.002 U	2.3			8.7				
LP-COMP											
10/27/2004	XX	LPCOMPHD2		33			62				
LT-C4L											
4/15/2009	XX	LTC4LX325	0.153	1619	0.01 U	0.055	2212	0.005 U	0.02 U	0.604	0.12
7/7/2009	XX	LTC4LX369	0.119	1801			2454				

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Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
(LT-C4L)											
10/28/2009	XX	LTC4LX3E4	0.091	1775			2612				
4/28/2010	XX	LTC4LX3J3	0.106	1982	0.021	0.0003 J	2448	0.012	0.025	0.053	0.014 J
7/20/2010	XX	LTC4LX427	0.101	1659			2130				
10/19/2010	XX	LTC4LX45B	0.078	1779			2265				
MW-204											
11/13/1990	XX	MW-20433190					6			0.02 U	
2/20/1991	XX	MW-20433289	F	F	F	F	F	F	F	F	
6/3/1991	XX	MW-20433392					5.2			0.02 U	
9/16/1991	XX	MW-20433497					5.3			0.02 U	
12/17/1991	XX	GW204X001					4.7			0.02 U	
3/2/1992	XX	GW204X00I	F	F	F	F	F	F	F	F	
6/23/1992	XX	GW204X01E					5			0.02 U	
8/17/1992	XX	GW204X02C					4			0.02 U	
1/26/1993	XX	GW204X038					4			0.02 U	
4/27/1993	XX	GW204X04C					5			0.02	
7/21/1993	XX	GW204X054					4			0.02 U	
10/12/1993	XX	GW204X05I					5			0.02 U	
1/11/1994	XX	GW204X06E					5			0.02 U	
5/21/1996	XX	GW204X093					4.2			0.02 U	
11/25/1996	XX	GW204X0A2					4.5				
3/25/1997	XX	MW-204808-35514					4.1				
6/3/1997	XX	MW-204809-35584					5				
9/9/1997	XX	MW-204810-35682					5.2				
12/3/1997	XX	MW-204811-35767					4.8				
3/23/1998	XX	MW-204812-35877					4.8				
6/8/1998	XX	MW-204813-35954					4.9				
9/9/1998	XX	MW-204814-36047					5.4				
12/14/1998	XX	MW-204815-36143					5.6				
3/29/1999	XX	MW-204816-36248					4.5				
6/8/1999	XX	MW-204817-36319					5.4				
9/13/1999	XX	MW-204818-36416					5.5				
12/1/1999	XX	MW-204819-36495					5.3				
3/27/2000	XX	MW-204820-36612					5.3				
6/12/2000	XX	MW-204821-36689					5.5				
9/12/2000	XX	MW-204822-36781					5.9				
12/11/2000	XX	MW-204823-36871					5.2				
3/12/2001	XX	MW-204824-36962					4.6				
6/18/2001	XX	MW-204825-37060					4.9				
9/10/2001	XX	MW-204826-37144					5				
12/11/2001	XX	MW-204827-37236					5.6				
3/13/2002	XX	MW-204828-37328					6.1				
6/17/2002	XX	MW-204829-37424					6.9				
9/18/2002	XX	MW-204830-37517					5.9				
12/9/2002	XX	MW-204831-37599					6.1				
3/25/2003	XX	MW-204N37705					5.3				
6/25/2003	XX	MW-204N37797					5.2				
9/17/2003	XX	MW-204N37881					4.5				
1/29/2004	XX	GW204X03A		1.6			8.1				
5/4/2004	XX	GW204X008	0.002 J	1.1	0.002 U	0.02 U	6.2	0.002 U	0.004 U	0.01 U	2 U

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Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
(MW-204)											
7/27/2004	XX	GW204X03G	0.002 U	1.7	0.002 J	0.02 U	6	0.002 U	0.004 U	0.01 U	2 U
10/25/2004	XX	GW204X07D		1.3			6.1				
5/9/2005	XX	GW204X13E	0.003 J	1.1			6.8				
8/1/2005	XX	GW204X172	0.002 U	1.2			7.3				
9/20/2005	XX	GW204X1A0	0.002 U	1.3			8.2				
5/23/2006	XX	GW204X1EF	0.002 U	1.2			7				
7/24/2006	XX	GW204X1HC	0.002 U	1.2			7.4				
9/11/2006	XX	GW204X205	0.002 U	1.1			8.6				
5/14/2007	XX	GW204X23C	0.002 U	3.3			8.9				
7/23/2007	XX	GW204X27G	0.003 J	1.3			8.7				
9/10/2007	XX	GW204X2A6	0.004 J	1.2			10.6				
5/21/2008	XX	GW204X2E0	0.003 U	1.1			8.4				
7/30/2008	XX	GW204X2H4	0.002 U	1			7.8				
10/28/2008	XX	GW204X2JE	0.002 U	1.1			8.7				
4/13/2009	XX	GW204X332	0.002 U	1.1			7.6				
7/6/2009	XX	GW204X376	0.002 J	0.9			7.2				
10/26/2009	XX	GW204X3F1	0.002 U	1.1			8.1				
4/28/2010	XX	GW204X400	0.002 U	0.9			6.3				
7/19/2010	XX	GW204X434	0.002 U	0.9			7				
10/19/2010	XX	GW204X468	0.002 U	1			7.5				
MW-206											
4/27/1993	XD	GW206X04E					6			0.02 U	
4/27/1993	XX	GW206X04I					6			0.03	
7/21/1993	XX	GW206X05A					7			0.02 U	
10/13/1993	XX	GW206X05J					7			0.02 U	
1/11/1994	XX	GW206X06F					7			0.02 U	
5/21/1996	XX	GW206X094					5			0.02 U	
11/26/1996	XX	GW206X0A3					5				
3/25/1997	XX	MW-206824-35514					4.5				
6/2/1997	XX	MW-206825-35583					6.1				
9/8/1997	XX	MW-206826-35681					5.4				
12/3/1997	XX	MW-206827-35767					5.3				
3/23/1998	XX	MW-206828-35877					5.3				
6/8/1998	XX	MW-206829-35954					5				
9/8/1998	XX	MW-206830-36046					5.8				
12/14/1998	XX	MW-206831-36143					5.7				
3/29/1999	XX	MW-206832-36248					4.4				
6/8/1999	XX	MW-206833-36319					5.9				
9/15/1999	XX	MW-206834-36418					6				
12/1/1999	XX	MW-206835-36495					6				
3/27/2000	XX	MW-206836-36612					5.9				
6/12/2000	XX	MW-206837-36689					5.9				
9/13/2000	XX	MW-206838-36782					6.3				
12/11/2000	XX	MW-206839-36871					5.6				
3/13/2001	XX	MW-206840-36963					5.1				
6/18/2001	XX	MW-206841-37060					5				
9/10/2001	XX	MW-206842-37144					4.9				
12/12/2001	XX	MW-206843-37237					4.6				
3/13/2002	XX	MW-206844-37328					5.5				

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(MW-206)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
6/17/2002	XX	MW-206845-37424					6				
9/18/2002	XX	MW-206846-37517					4.7				
12/9/2002	XX	MW-206847-37599					4.5				
3/26/2003	XX	MW-206N37706					25				
6/25/2003	XX	MW-206N37797					5.7				
9/17/2003	XX	MW-206N37881					3.7				
5/6/2004	XX	GW206X010		1			5.7				
7/28/2004	XX	GW206X047		1.8			5.6				
10/26/2004	XX	GW206X062		1			5.1				
5/11/2005	XX	GW206X123	0.003 J	0.8			7				
7/28/2005	XX	GW206X15B	0.002 U	0.8			6.4				
9/19/2005	XX	GW206X189	0.002 U	0.6			4.5				
5/24/2006	XX	GW206X1D4	0.002 U	0.8			5.9				
7/25/2006	XX	GW206X1G1	0.002 U	0.9			5.6				
9/12/2006	XX	GW206X1IE	0.002 U	0.8			8				
5/14/2007	XX	GW206X221	0.002 U	0.3			7.2				
7/25/2007	XX	GW206X265	0.002 U	0.8			5.8				
9/11/2007	XX	GW206X28F	0.002 U	1			5.2				
5/20/2008	XX	GW206X2C9	0.003 U	0.7			4.9				
7/29/2008	XX	GW206X2FD	0.002 U	0.8			4.9				
10/27/2008	XX	GW206X2I3	0.002 U	0.6			4.4				
4/13/2009	XX	GW206X31B	0.002 U	0.8			5.1				
7/6/2009	XX	GW206X35F	0.002 U	0.7			5.1				
10/28/2009	XX	GW206X3DA	0.002 U	0.7			4.8				
4/26/2010	XX	GW206X3I9	0.002 U	0.8			4.8				
7/19/2010	XX	GW206X41D	0.002 U	2.5			4.9				
10/18/2010	XX	GW206X44H	0.002 U	1.5			6.5				

MW-207

11/13/1990	XX	MW-20733190					51			0.02 U	
2/19/1991	XX	MW-20733288					29			0.02 U	
6/4/1991	XX	MW-20733393					15			0.02 U	
9/17/1991	XX	MW-20733498					14			0.02 U	
12/18/1991	XX	GW207X002					19			0.02 U	
3/2/1992	XX	GW207X00J	F	F	F	F	F	F	F	F	
6/23/1992	XX	GW207X01F					18			0.02 U	
6/23/1992	XD	GW207X028					19			0.02 U	
8/17/1992	XX	GW207X02D					15			0.02 U	
1/26/1993	XX	GW207X039					11			0.02	
4/27/1993	XX	GW207X04D					11			0.03	
7/22/1993	XX	GW207X055					12			0.02 U	
10/13/1993	XX	GW207X060					12			0.02 U	
1/11/1994	XX	GW207X06G					12			0.02 U	
5/21/1996	XX	GW207X095					6.3			0.02 U	
5/21/1996	XD	GWDP1X09A					6.1			0.02 U	
11/26/1996	XX	GW207X0A4					5.8				
3/24/1997	XX	MW-207825-35513					4.9				
6/2/1997	XX	MW-207826-35583					6.5				
9/8/1997	XX	MW-207827-35681					4.5				
12/3/1997	XX	MW-207828-35767					4				

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(MW-207)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
3/23/1998	XX	MW-207829-35877					3.4				
6/8/1998	XX	MW-207830-35954					3.4				
9/8/1998	XX	MW-207831-36046					3.4				
12/14/1998	XX	MW-207832-36143					3.2				
3/29/1999	XX	MW-207833-36248					2.9				
6/8/1999	XX	MW-207834-36319					4				
9/13/1999	XX	MW-207835-36416					3.2				
12/1/1999	XX	MW-207836-36495					2.4				
3/27/2000	XX	MW-207837-36612					2.8				
6/12/2000	XX	MW-207838-36689					2.7				
9/12/2000	XX	MW-207839-36781					2.1				
12/11/2000	XX	MW-207840-36871					2				
3/13/2001	XX	MW-207841-36963					2.2				
6/18/2001	XX	MW-207842-37060					1.9				
9/10/2001	XX	MW-207843-37144					2.3				
12/11/2001	XX	MW-207844-37236					2.2				
3/13/2002	XX	MW-207845-37328					2.1				
6/17/2002	XX	MW-207846-37424					2.3				
9/18/2002	XX	MW-207847-37517					2.3				
12/9/2002	XX	MW-207848-37599					1.8				
3/26/2003	XX	MW-207N37706					24				
6/25/2003	XX	MW-207N37797					2.5				
9/17/2003	XX	MW-207N37881					1.6				
5/5/2004	XX	GW207X011		0.9			8.3				
7/28/2004	XX	GW207X048		1.2			3.1				
10/25/2004	XX	GW207X063		1			2.9				
5/12/2005	XX	GW207X124	0.002 J	3.1			4.5				
8/1/2005	XX	GW207X15C	0.003 J	0.9			3.9				
9/19/2005	XD	GWDP1X18F	0.002 U	0.5			4				
9/19/2005	XX	GW207X18A	0.002 U	0.5			3.8				
5/22/2006	XX	GW207X1D5	0.003 J	1			3.8				
7/25/2006	XX	GW207X1G2	0.005	1.2			3.5				
9/11/2006	XX	GW207X1IF	0.003 J	0.9			4.3				
5/14/2007	XX	GW207X222	0.002 U	1.2			4.7				
7/25/2007	XX	GW207X266	0.002 U	1.3			4				
9/10/2007	XX	GW207X28G	0.004 J	3.9			4.7				
5/19/2008	XX	GW207X2CA	0.003 U	1.2			3.2				
7/29/2008	XX	GW207X2FE	0.002 J	1.3			3.2				
10/28/2008	XX	GW207X2I4	0.002 J	1.3			2.9				
4/13/2009	XX	GW207X31C	0.002 J	6.1			3.7				
7/6/2009	XX	GW207X35G	0.002 J	5.8			4.4				
10/26/2009	XX	GW207X3DB	0.013	4.5			5.8				
4/26/2010	XX	GW207X3IA	0.003 J	2.4			5.5				
7/19/2010	XX	GW207X41E	0.002 U	0.9			4.9				
10/18/2010	XX	GW207X44I	0.002 U	3.7			6.4				

MW-212

11/13/1990	XX	MW-21233190	I	I	I	I	I	I	I	I	
2/19/1991	XX	MW-21233288					6.1			0.02 U	
6/3/1991	XX	MW-21233392					4.9			0.02 U	

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Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
9/16/1991	XX	MW-21233497					I			I	
12/17/1991	XX	GW212X004					3.6			0.02 U	
3/2/1992	XX	GW212X011	I	I	I	I	I	I	I	I	
6/23/1992	XX	GW212X01H	D	D	D	D	D	D	D	D	
1/26/1993	XX	GW212X03B					D			D	
4/27/1993	XX	GW212X04G					22			0.02 U	
7/21/1993	XX	GW212X058					D			D	
10/12/1993	XX	GW212X062					D			D	
1/11/1994	XX	GW212X06I					5			0.02 U	
5/21/1996	XX	GW212X097					4.5			0.02 U	
11/26/1996	XX	GW212X0A5					D				
3/24/1997	XX	MW-212826-35513					F				
6/2/1997	XX	MW-212827-35583					4.6				
3/23/1998	XX	MW-212830-35877					9.2				
6/8/1998	XX	MW-212831-35954					3.3				
3/29/1999	XX	MW-212834-36248					4.9				
6/8/1999	XX	MW-212835-36319					3.7				
12/1/1999	XX	MW-212837-36495					3.3				
3/27/2000	XX	MW-212838-36612					8				
6/12/2000	XX	MW-212839-36689					3.2				
3/13/2002	XX	MW-212840-37328					4				
6/17/2002	XX	MW-212841-37424					2.8				
3/26/2003	XX	MW-212N37706					45				
6/25/2003	XX	MW-212N37797					2.6				
5/5/2004	XX	GW212X00B	0.002 J	0.5	0.002 U	0.02 U	3.6	0.002 U	0.004 U	0.01 J	2 U
7/27/2004	XX	GW212X03J	D	D	D	D	D	D	D	D	D
10/27/2004	XX	GW212X07F		D			D				
5/12/2005	XX	GW212X13G	0.002 U	1.4			22				
8/1/2005	XX	GW212X174	0.002 U	0.4			3.4				
9/20/2005	XX	GW212X1A2	I	I			I				
5/22/2006	XX	GW212X1EH	0.002 U	0.6			4.9				
7/25/2006	XX	GW212X1HE	0.002 U	0.7			3.4				
9/11/2006	XX	GW212X207	I	I			I				
5/14/2007	XX	GW212X23E	0.002 U	0.2 J			5.5				
7/24/2007	XX	GW212X27I	D	D			D				
9/10/2007	XX	GW212X2A8	D	D			D				
5/19/2008	XX	GW212X2E2	0.003 U	0.5			5.5				
7/29/2008	XX	GW212X2H6	D	D			D				
10/28/2008	XX	GW212X2JG	D	D			D				
4/13/2009	XX	GW212X334	0.002 U	0.9			24.9				
7/6/2009	XX	GW212X378	0.002 J	0.9			8.9				
10/26/2009	XX	GW212X3F3	D	D			D				
4/26/2010	XX	GW212X402	0.002 U	1			17.4				
7/19/2010	XX	GW212X436	D	D			D				
10/18/2010	XX	GW212X46A	D	D			D				

MW-216A

11/12/1990	XX	MW-216A33189					28			0.02 U	
2/19/1991	XX	MW-216A33288					22			0.08	
6/4/1991	XX	MW-216A33393					24			0.02 U	

SUMMARY REPORT
Metal (part 2 of 2)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-216A)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
9/16/1991	XX	MW-216A33497					22			0.054	
12/17/1991	XX	GW216A005					20			0.02 U	
3/2/1992	XX	GW216A012					26			0.02 U	
6/23/1992	XX	GW216A01I					23			0.02 U	
8/17/1992	XX	GW216A02H					25			0.02 U	
1/26/1993	XX	GW216A03C					19			0.02 U	
4/27/1993	XX	GW216A042					22			0.03	
7/21/1993	XX	GW216A04J					20			0.02 U	
10/13/1993	XX	GW216A063					25			0.02 U	
1/11/1994	XX	GW216A06J					17			0.02 U	
5/21/1996	XX	GW216A098					15			0.02 U	
11/25/1996	XX	GW216A0A6					16.4				
3/25/1997	XX	MW-216A809-35514					16				
6/2/1997	XX	MW-216A810-35583					24				
9/9/1997	XX	MW-216A811-35682					18				
12/3/1997	XX	MW-216A812-35767					16				
3/25/1998	XX	MW-216A813-35879					16				
6/11/1998	XX	MW-216A814-35957					17				
9/8/1998	XX	MW-216A815-36046					18				
12/14/1998	XX	MW-216A816-36143					27				
3/30/1999	XX	MW-216A817-36249					17				
6/9/1999	XX	MW-216A818-36320					18.2				
9/14/1999	XX	MW-216A819-36417					18.2				
12/2/1999	XX	MW-216A820-36496					23.5				
3/28/2000	XX	MW-216A821-36613					14				
6/13/2000	XX	MW-216A822-36690					16				
9/13/2000	XX	MW-216A823-36782					18				
12/12/2000	XX	MW-216A824-36872					15				
3/14/2001	XX	MW-216A825-36964					13				
6/19/2001	XX	MW-216A826-37061					16				
9/11/2001	XX	MW-216A827-37145					15				
12/12/2001	XX	MW-216A828-37237					15				
3/14/2002	XX	MW-216A829-37329					16				
6/18/2002	XX	MW-216A830-37425					16				
9/19/2002	XX	MW-216A831-37518					4.8				
12/10/2002	XX	MW-216A832-37600					15				
3/26/2003	XX	MW-216AN37706					19				
6/26/2003	XX	MW-216AN37798					13				
9/18/2003	XX	MW-216AN37882					8.9				
5/6/2004	XX	GW216AHA0		0.9			18				
7/26/2004	XD	GWDP3X055		0.9			18				
7/26/2004	XX	GW216A057		1.1			17				
10/26/2004	XX	GW216A070		5.5			22				
5/10/2005	XD	GWDP1X129	0.002 U	0.9			22				
5/10/2005	XX	GW216A131	0.002 J	1.1			21				
7/27/2005	XX	GW216A169	0.002 U	1.3			18				
9/22/2005	XX	GW216A197	0.003 J	0.4			18				
5/23/2006	XD	GWDP5X1FC	0.002 U	1.2			21				
5/23/2006	XX	GW216A1E2	0.002 U	1.3			20				
7/25/2006	XX	GW216A1GJ	0.002 U	1.3			19.8				

SEVEE & MAHER ENGINEERS, INC.
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(MW-216A)			Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L						
Date	Type	Sample ID															
9/12/2006	XX	GW216A1JC	0.002 U	1.4			19.6										
9/12/2006	XD	GWDP4X1JH	0.002 U	1.2			19										
5/15/2007	XX	GW216A22J	0.002 J	1.4			15.2										
5/15/2007	XD	GWDP5X243	0.002 U	1.7			15										
7/24/2007	XX	GW216A273	0.019	0.6			13.9										
9/10/2007	XD	GWDP3X29C	0.002 U	0.6			14.7										
9/10/2007	XX	GW216A29D	0.002 U	0.7			14.5										
5/20/2008	XX	GW216A2D7	0.003 U	0.6			13.7										
5/20/2008	XD	GWDP5X2EB	0.003 U	0.6			13.7										
7/28/2008	XX	GW216A2GB	0.002 U	0.6			13.1										
10/28/2008	XX	GW216A2J1	0.002 U	0.7			13.8										
4/14/2009	XX	GW216A329	0.002 U	0.6			15.8										
7/7/2009	XX	GW216A36D	DE	DE			DE										
MW-216B																	
11/12/1990	XX	MW-216B33189					9			0.02 U							
2/19/1991	XX	MW-216B33288					4.9			0.02 U							
6/4/1991	XD	MW-216BXD33393					5.1			0.02 U							
6/4/1991	XX	MW-216B33393					5.4			0.02 U							
9/16/1991	XD	MW-216BXD33497					6.6			0.02 U							
9/16/1991	XX	MW-216B33497					6.3			0.02 U							
12/17/1991	XX	GW216B007					4.1			0.02 U							
12/17/1991	XD	GW216B00F					4			0.02 U							
3/2/1992	XX	GW216B014					4			0.02 U							
6/23/1992	XX	GW216B01J					4			0.02 U							
8/17/1992	XX	GW216B02I					5			0.02 U							
1/26/1993	XX	GW216B03D					5			0.02 U							
4/27/1993	XX	GW216B043					5			0.02							
7/21/1993	XX	GW216B050					5			0.02 U							
10/13/1993	XD	GW216B066					6			0.02							
10/13/1993	XX	GW216X064					6			0.02 U							
1/11/1994	XX	GW216B070					6			0.02 U							
1/11/1994	XD	GW216B071					6			0.02 U							
5/21/1996	XX	GW216B099					5.1			0.02 U							
11/25/1996	XX	GW216B0A7					5										
3/25/1997	XX	MW-216B810-35514					5										
6/2/1997	XX	MW-216B811-35583					6.6										
9/9/1997	XX	MW-216B812-35682					6										
12/3/1997	XX	MW-216B813-35767					5.6										
3/25/1998	XD	MW-216B815-35955					4.9										
3/25/1998	XX	MW-216B814-35879					5.3										
9/8/1998	XX	MW-216B816-36046					5.8										
12/14/1998	XX	MW-216B817-36143					6.1										
3/30/1999	XX	MW-216B818-36249					4.7										
6/9/1999	XX	MW-216B819-36320					4.8										
9/14/1999	XX	MW-216B820-36417					5.9										
12/2/1999	XX	MW-216B821-36496					4.6										
3/28/2000	XX	MW-216B822-36613					4.3										
6/13/2000	XX	MW-216B823-36690					5.5										
9/13/2000	XX	MW-216B824-36782					6.3										

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CUMBERLAND CENTER, ME 04021

(MW-216B) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
12/12/2000	XX	MW-216B825-36872					5.7				
3/14/2001	XX	MW-216B826-36964					5				
6/19/2001	XX	MW-216B827-37061					6.3				
9/11/2001	XX	MW-216B828-37145					6.4				
12/12/2001	XX	MW-216B829-37237					5.4				
3/14/2002	XX	MW-216B830-37329					7				
6/18/2002	XX	MW-216B831-37425					5.2				
9/19/2002	XX	MW-216B832-37518					13				
12/10/2002	XX	MW-216B833-37600					5				
3/26/2003	XX	MW-216BN37706					12				
6/26/2003	XX	MW-216BN37798					3.9				
9/18/2003	XX	MW-216BN37882					3.4				
5/6/2004	XX	GW216B013		0.8			4.8				
5/6/2004	XD	GWDP1X017		0.8			4.9				
7/26/2004	XX	GW216B049		1			4.6				
10/26/2004	XD	GWDP1X068		1.8			4				
10/26/2004	XX	GW216B064		2			4				
5/10/2005	XX	GW216B125	0.004 J	0.4			4.5				
7/27/2005	XX	GW216B15D	0.002 J	0.9			5.8				
7/27/2005	XD	GWDP3X168	0.002 J	0.7			5.9				
9/22/2005	XX	GW216B18B	0.003 J	0.4			4.9				
5/23/2006	XX	GW216B1D6	0.1	2.6			11				
7/25/2006	XX	GW216B1G3	0.067	1.4			5.7				
7/25/2006	XD	GWDP1X1G7	0.073	1.3			5.7				
9/12/2006	XX	GW216B1IG	0.046	1.3			4.5				
5/15/2007	XX	GW216B223	0.018	0.5			5.4				
7/24/2007	XX	GW216B267	0.01	0.8			4.8				
7/24/2007	XD	GWDP1X26B	0.012	0.7			5.1				
9/10/2007	XX	GW216B28H	0.002 U	1.1			7.9				
5/20/2008	XX	GW216B2CB	0.094	1.5			7.4				
7/28/2008	XX	GW216B2FF	0.032	1.2			11				
7/28/2008	XD	GWDP1X2FJ	0.032	1.2			10.8				
10/28/2008	XX	GW216B2I5	0.013	0.7			6.6				
4/14/2009	XX	GW216B31D	0.045	0.5			4.9				
7/7/2009	XX	GW216B35H	DE	DE			DE				
MW-216BR											
12/8/2009	XX	GW216B3GG	0.002 J	2.4			18.8				
4/27/2010	XX	GW216B3IB	0.002 U	1.7			15.9				
7/20/2010	XX	GW216B41F	0.002 U	1.5			14.9				
10/19/2010	XX	GW216B44J	0.002 U	1.6			15.8				
MW-223A											
11/12/1990	XX	MW-223A33189					4			0.02 U	
2/19/1991	XX	MW-223A33288	F	F	F	F	F	F	F	F	
6/3/1991	XX	MW-223A33392					2.7			0.02 U	
9/16/1991	XX	MW-223A33497					3			0.02 U	
12/17/1991	XX	GW223A008	F	F	F	F	F	F	F	F	
3/2/1992	XX	GW223A016	F	F	F	F	F	F	F	F	
6/23/1992	XX	GW223A020					3			0.02 U	

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SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(MW-223A)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
8/17/1992	XX	GW223A02J					3			0.02 U	
1/26/1993	XX	GW223A03E					F			F	
4/27/1993	XX	GW223A044					3			0.02 U	
7/21/1993	XD	GW223A056					3			0.03	
7/21/1993	XX	GW223A05B					3			0.02 U	
10/12/1993	XX	GW223X065					3			0.02	
1/11/1994	XX	GW223A072					F			F	
5/21/1996	XX	GW223A09B					3			0.02 U	
11/25/1996	XX	GW223A0A8					2.9				
6/3/1997	XX	MW-223A812-35584					3.5				
9/10/1997	XX	MW-223A813-35683					3.5				
12/4/1997	XX	MW-223A814-35768					3				
6/11/1998	XX	MW-223A816-35957					3.2				
9/9/1998	XX	MW-223A817-36047					2.8				
12/15/1998	XX	MW-223A818-36144					3.2				
3/30/1999	XX	MW-223A819-36249					2.3				
6/9/1999	XX	MW-223A820-36320					3.1				
9/14/1999	XX	MW-223A821-36417					3				
12/2/1999	XX	MW-223A822-36496					3.1				
3/28/2000	XX	MW-223A823-36613					3.4				
6/13/2000	XX	MW-223A824-36690					3.4				
9/13/2000	XX	MW-223A825-36782					3.3				
12/12/2000	XX	MW-223A826-36872					3.6				
6/19/2001	XX	MW-223A827-37061					3.6				
9/11/2001	XX	MW-223A828-37145					3.3				
12/11/2001	XX	MW-223A829-37236					3.5				
3/14/2002	XX	MW-223A830-37329					4.2				
6/18/2002	XX	MW-223A831-37425					3.4				
9/19/2002	XX	MW-223A832-37518					3.2				
12/10/2002	XX	MW-223A833-37600					3.4				
3/25/2003	XX	MW-223AN37705					3				
3/25/2003	XD	MW-223AD37705					2.9				
6/26/2003	XX	MW-223AN37798					2.6				
9/18/2003	XX	MW-223AN37882					1.8				
5/5/2004	XX	GW223A014		0.7			3.4				
7/28/2004	XX	GW223A04A		1.3			3.6				
7/28/2004	XD	GWDP1X04D		1.2			3.5				
10/25/2004	XX	GW223A065		0.7			3				
5/10/2005	XX	GW223A126	0.008	0.6			3.8				
5/10/2005	XD	GWDP3X130	0.009	0.7			3.9				
7/26/2005	XX	GW223A15E	0.002 U	0.7			4				
9/21/2005	XX	GW223A18C	0.002 U	0.5			9.8				
5/24/2006	XD	GWDP1X1DA	0.004 J	0.9			3.7				
5/24/2006	XX	GW223A1D7	0.004 J	1			3.6				
7/26/2006	XD	GWDP5X1I3	0.002 U	0.6			3.5				
7/26/2006	XX	GW223A1G4	0.002 U	0.8			3.6				
9/13/2006	XD	GWDP5X20G	0.003 J	0.5			3.9				
9/13/2006	XX	GW223A1IH	0.002 J	0.7			3.7				
5/15/2007	XX	GW223A224	0.002 J	0.4			3.6				
5/15/2007	XD	GWDP1X227	0.002 U	0.5			3.6				

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(MW-223A)			Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Tin
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID									
7/24/2007	XX	GW223A268	0.002 U	0.6			3.4				
7/24/2007	XD	GWDP5X287	0.002 U	0.4			3.4				
9/11/2007	XX	GW223A28I	0.003 J	0.6			2.7				
5/20/2008	XX	GW223A2CC	0.003 U	0.4			2.7				
5/20/2008	XD	GWDP1X2CF	0.003 U	0.4			2.7				
7/30/2008	XX	GW223A2FG	0.002 U	0.5			2.9				
7/30/2008	XD	GWDP5X2HF	0.002 U	0.5			3				
10/28/2008	XX	GW223A2I6	0.002 U	0.6			2.9				
4/14/2009	XD	GWDP1X31H	0.002 U	0.8			4.8				
4/14/2009	XX	GW223A31E	0.002 U	0.8			4.6				
7/7/2009	XX	GW223A35I	0.002 J	0.5			3.3				
10/27/2009	XX	GW223A3DD	0.002 U	0.6			3.3				
10/27/2009	XD	GWDP4X3ED	0.002 U	0.6			3.4				
4/27/2010	XD	GWDP1X3IF	0.002 U	0.6			3.5				
4/27/2010	XX	GW223A3IC	0.002 U	0.6			3.4				
7/20/2010	XX	GW223A41G	0.002 U	0.6			3.5				
10/19/2010	XD	GWDP1X453	0.002 U	0.6			3.5				
10/19/2010	XX	GW223A450	0.002 U	0.7			3.4				
MW-223B											
11/12/1990	XX	MW-223B33189					4			0.02 U	
2/19/1991	XX	MW-223B33288	F	F	F	F	F	F	F	F	
6/3/1991	XX	MW-223B33392					3.3			0.02 U	
9/16/1991	XX	MW-223B33497					4			0.02 U	
12/17/1991	XX	GW223B009	F	F	F	F	F	F	F	F	
3/2/1992	XX	GW223B017	F	F	F	F	F	F	F	F	
6/23/1992	XX	GW223B022					3			0.02 U	
8/17/1992	XX	GW223B030					4			0.02 U	
1/26/1993	XX	GW223B03F					F			F	
4/27/1993	XX	GW223B045					3			0.02 U	
7/21/1993	XX	GW223B05C					3			0.02 U	
10/12/1993	XX	GW223B067					3			0.02 U	
1/11/1994	XX	GW223B073					F			F	
5/21/1996	XX	GW223B09C					3.2			0.02 U	
11/25/1996	XX	GW223B0A9					3.2				
3/24/1997	XX	MW-223B812-35513					F				
6/3/1997	XX	MW-223B813-35584					3.8				
9/10/1997	XX	MW-223B814-35683					3.6				
12/4/1997	XX	MW-223B815-35768					3.1				
6/8/1998	XX	MW-223B817-35954					3.4				
9/9/1998	XX	MW-223B818-36047					4				
12/15/1998	XX	MW-223B819-36144					3.6				
3/30/1999	XX	MW-223B820-36249					2.9				
6/9/1999	XX	MW-223B821-36320					3.6				
9/14/1999	XX	MW-223B822-36417					3.8				
12/2/1999	XX	MW-223B823-36496					3.6				
3/28/2000	XX	MW-223B824-36613					3.9				
6/13/2000	XX	MW-223B825-36690					4.3				
9/13/2000	XX	MW-223B826-36782					3.5				
12/12/2000	XX	MW-223B827-36872					4				

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(MW-223B)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
6/19/2001	XX	MW-223B828-37061					4.5				
9/11/2001	XX	MW-223B829-37145					4.1				
12/11/2001	XX	MW-223B830-37236					4.3				
3/14/2002	XX	MW-223B831-37329					4				
6/18/2002	XX	MW-223B832-37425					5.1				
9/19/2002	XX	MW-223B833-37518					3.7				
12/10/2002	XX	MW-223B834-37600					3.2				
3/25/2003	XX	MW-223BN37705					4.1				
6/26/2003	XD	MW-223BD37798					3.1				
6/26/2003	XX	MW-223BN37798					3.1				
9/18/2003	XX	MW-223BN37882					2.1				
5/5/2004	XX	GW223B00A	0.002 J	0.7	0.006	0.02 U	4.3	0.002 U	0.004 U	0.01 U	2 U
7/27/2004	XX	GW223B03I	0.002 U	1.3	0.002 J	0.02 U	3.2	0.002 U	0.004 U	0.01 J	2 U
10/25/2004	XX	GW223B07E		0.8			3.8				
5/10/2005	XX	GW223B13F	0.004 J	0.6			4.5				
7/26/2005	XX	GW223B173	0.002 U	0.7			5.2				
9/21/2005	XX	GW223B1A1	0.002 J	0.5			4.5				
5/24/2006	XX	GW223B1EG	0.002 U	0.6			4.6				
7/26/2006	XX	GW223B1HD	0.002 U	0.9			4.5				
9/13/2006	XX	GW223B206	0.002 U	0.7			4.9				
5/15/2007	XX	GW223B23D	0.002 U	0.3			4.5				
7/24/2007	XX	GW223B27H	0.002 U	0.6			4.1				
9/11/2007	XX	GW223B2A7	0.002 U	0.8			3.8				
5/20/2008	XX	GW223B2E1	0.003 U	0.5			3.9				
7/30/2008	XX	GW223B2H5	0.002 U	0.7			4.2				
10/28/2008	XX	GW223B2JF	0.002 U	0.7			4.2				
4/14/2009	XX	GW223B333	0.002 U	0.7			4.6				
7/7/2009	XX	GW223B377	0.002 U	0.5			4.8				
7/7/2009	XD	GWDP4X36I	0.002 U	0.6			4.5				
10/27/2009	XX	GW223B3F2	0.003 J	0.7			4.4				
4/27/2010	XX	GW223B401	0.002 U	0.6			4.2				
7/20/2010	XD	GWDP1X41J	0.002 U	0.8			4.6				
7/20/2010	XX	GW223B435	0.002 U	0.8			4.6				
10/19/2010	XX	GW223B469	0.002 U	0.8			4.4				

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11/13/1990	XX	MW-22733190					7			0.02 U	
2/19/1991	XX	MW-22733288	F	F	F	F	F	F	F	F	
6/3/1991	XX	MW-22733392					5.5			0.02 U	
9/16/1991	XX	MW-22733497					6.5			0.02 U	
12/17/1991	XX	GW227X00A					5.8			0.02 U	
3/2/1992	XX	GW227X018	F	F	F	F	F	F	F	F	
6/23/1992	XX	GW227X023					6			0.02 U	
8/17/1992	XX	GW227X031					6			0.02 U	
1/26/1993	XX	GW227X03G					F			F	
4/27/1993	XX	GW227X047					7			0.04	
7/21/1993	XX	GW227X05E					7			0.02 U	
10/12/1993	XX	GW227X068					7			0.02 U	
1/11/1994	XX	GW227X074					F			F	
5/21/1996	XX	GW227X09D					6.6			0.02 U	

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(MW-227)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
11/25/1996	XX	GW227X0AA					6.6				
3/24/1997	XX	MW-227813-35513					F				
6/3/1997	XX	MW-227814-35584					7.3				
9/9/1997	XX	MW-227815-35682					8				
12/4/1997	XX	MW-227816-35768					7.2				
3/25/1998	XX	MW-227817-35879					8.4				
6/8/1998	XX	MW-227818-35954					8				
9/9/1998	XX	MW-227819-36047					8.7				
12/15/1998	XX	MW-227820-36144					8.9				
3/29/1999	XX	MW-227821-36248					7.8				
6/8/1999	XX	MW-227822-36319					8.5				
9/13/1999	XX	MW-227823-36416					7.5				
12/1/1999	XX	MW-227824-36495					8				
3/27/2000	XX	MW-227825-36612					8				
6/12/2000	XX	MW-227826-36689					7.6				
9/12/2000	XX	MW-227827-36781					8.4				
12/11/2000	XX	MW-227828-36871					7				
3/12/2001	XX	MW-227829-36962					6.6				
6/18/2001	XX	MW-227830-37060					6.9				
9/10/2001	XX	MW-227831-37144					7.2				
12/12/2001	XX	MW-227832-37237					7				
3/14/2002	XX	MW-227833-37329					8.4				
6/17/2002	XX	MW-227834-37424					7				
9/18/2002	XX	MW-227835-37517					7				
12/9/2002	XX	MW-227836-37599					6.6				
3/25/2003	XX	MW-227N37705					6.2				
6/25/2003	XX	MW-227N37797					6.4				
9/18/2003	XX	MW-227N37882					3.7				
5/5/2004	XX	GW227X015		1			9				
7/26/2004	XX	GW227X04B		1			6.2				
10/26/2004	XX	GW227X066		1			11				
5/9/2005	XX	GW227X127	0.004 J	1.2			7.5				
7/27/2005	XX	GW227X15F	0.002 U	1.1			7.4				
9/21/2005	XX	GW227X18D	0.002 U	0.6			7.2				
5/24/2006	XX	GW227X1D8	0.002 U	1.1			6.9				
7/26/2006	XX	GW227X1G5	0.002 U	0.9			6.8				
9/13/2006	XX	GW227X1II	0.002 J	1.2			7.2				
5/15/2007	XX	GW227X225	0.002 U	0.7			6.8				
7/24/2007	XX	GW227X269	0.002 U	1.1			6.6				
9/11/2007	XX	GW227X28J	0.002 U	1.1			6				
5/20/2008	XX	GW227X2CD	0.003 U	0.9			5.6				
7/30/2008	XX	GW227X2FH	0.002 U	1			5.5				
10/27/2008	XX	GW227X2I7	0.002 U	0.8			5.3				
4/14/2009	XX	GW227X31F	0.002 U	1			6.2				
7/7/2009	XX	GW227X35J	0.002 U	0.9			5.5				
10/27/2009	XX	GW227X3DE	0.002 J	1.1			5.6				
4/27/2010	XX	GW227X3ID	0.002 U	1.6			5.3				
7/20/2010	XX	GW227X41H	0.002 U	1			5.5				
10/19/2010	XX	GW227X451	0.002 U	1			5.2				

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(MW-301)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
MW-301											
11/25/1996	XX	GW301X0B0					7.4				
11/25/1996	XD	GWDP1X0AC					7.4				
3/24/1997	XX	MW-301815-35513					F				
6/3/1997	XX	MW-301816-35584					7.5				
9/9/1997	XX	MW-301817-35682					7.3				
12/3/1997	XX	MW-301818-35767					6.8				
3/23/1998	XX	MW-301819-35877					7.4				
6/8/1998	XX	MW-301820-35954					7.5				
9/9/1998	XX	MW-301821-36047					8				
12/14/1998	XX	MW-301822-36143					8.4				
3/29/1999	XX	MW-301823-36248					7.5				
6/8/1999	XX	MW-301824-36319					8.4				
9/13/1999	XX	MW-301825-36416					8.3				
12/1/1999	XX	MW-301826-36495					8.2				
3/27/2000	XX	MW-301827-36612					8.6				
6/12/2000	XX	MW-301828-36689					8.5				
9/12/2000	XX	MW-301829-36781					9.4				
6/18/2001	XX	MW-301830-37060					9.1				
9/10/2001	XX	MW-301831-37144					8.6				
12/11/2001	XX	MW-301832-37236					8.8				
3/13/2002	XX	MW-301833-37328					10				
6/17/2002	XX	MW-301834-37424					9.8				
9/18/2002	XX	MW-301835-37517					7.7				
3/25/2003	XX	MW-301N37705					7.9				
6/25/2003	XX	MW-301N37797					9.1				
9/17/2003	XD	MW-301D37881					6.9				
9/17/2003	XX	MW-301N37881					7.8				
5/5/2004	XD	GWDP3X01J		1			10				
5/5/2004	XX	GW301X016		0.8			11				
7/26/2004	XX	GW301X04C		1			12				
10/25/2004	XX	GW301X067		0.7			14				
5/9/2005	XX	GW301X128	0.002 U	0.5			14				
8/1/2005	XX	GW301X15G	0.002 U	0.7			11				
9/22/2005	XX	GW301X18E	0.002 U	0.9			14				
5/22/2006	XX	GW301X1D9	0.002 U	1			13				
7/24/2006	XX	GW301X1G6	0.002 U	0.7			12.5				
9/11/2006	XX	GW301X1IJ	0.002 J	0.9			12.9				
5/14/2007	XX	GW301X226	0.002 U	0.8			14.2				
7/23/2007	XX	GW301X26A	0.002 U	1			12.4				
9/10/2007	XX	GW301X290	0.002 U	1			12.5				
5/19/2008	XX	GW301X2CE	0.003 U	0.6			12.3				
7/30/2008	XX	GW301X2FI	0.002 U	0.7			11.1				
10/28/2008	XX	GW301X2I8	0.002 U	0.8			11.3				
4/15/2009	XX	GW301X31G	0.002 U	1.2			11.8				
7/7/2009	XX	GW301X360	0.002 U	0.7			13.1				
10/26/2009	XX	GW301X3DF	0.002 U	0.7			11.5				
4/26/2010	XX	GW301X3IE	0.002 U	0.7			10.9				
7/19/2010	XX	GW301X41I	0.002 U	0.8			11.8				

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(MW-301) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
10/19/2010	XX	GW301X452	0.002 U	0.7			10.7				
MW-302											
6/23/1992	XX	GW302X027					2			0.02 U	
8/17/1992	XX	GW302X032					3			0.02 U	
8/17/1992	XD	GW302X035					3			0.02 U	
1/26/1993	XX	GW302X03H	0.002 U	1.2	0.002 U	0.02 U	2	0.002 U	0.004 U	0.02 U	2 U
4/27/1993	XX	GW302X048					2			0.02 U	
7/21/1993	XX	GW302X05F					2			0.02 U	
10/12/1993	XX	GW302X069					2			0.02	
1/11/1994	XX	GW302X075					3			0.02 U	
5/21/1996	XX	GW302X09E					!			!	
11/26/1996	XX	GW302X0AB					3.1				
3/26/1997	XX	MW-302827-35515					2.6				
6/3/1997	XX	MW-302828-35584					3.3				
9/10/1997	XX	MW-302829-35683					3.7				
12/4/1997	XX	MW-302830-35768					3.2				
3/25/1998	XX	MW-302831-35879					3.1				
6/8/1998	XX	MW-302832-35954					3.5				
9/9/1998	XX	MW-302833-36047					5.3				
12/15/1998	XX	MW-302834-36144					3.8				
3/30/1999	XX	MW-302835-36249					3.3				
6/9/1999	XX	MW-302836-36320					3.7				
9/13/1999	XX	MW-302837-36416					3.7				
12/1/1999	XX	MW-302838-36495					4.3				
3/27/2000	XX	MW-302839-36612					4.7				
6/13/2000	XX	MW-302840-36690					3.5				
9/12/2000	XX	MW-302841-36781					4				
12/11/2000	XX	MW-302842-36871					4.7				
3/12/2001	XX	MW-302843-36962					3.4				
6/18/2001	XX	MW-302844-37060					3.5				
9/10/2001	XX	MW-302845-37144					4.8				
12/11/2001	XX	MW-302846-37236					4.8				
3/13/2002	XX	MW-302847-37328					5.9				
6/17/2002	XX	MW-302848-37424					4.7				
9/18/2002	XX	MW-302849-37517					4.8				
12/9/2002	XX	MW-302850-37599					4.4				
3/25/2003	XX	MW-302N37705					5				
6/25/2003	XX	MW-302N37797					4.1				
9/17/2003	XX	MW-302N37881					3.5				
5/6/2004	XX	GW302X009	0.002 U	0.8	0.002 U	0.02 U	4.6	0.002 U	0.004 U	0.01 U	2 U
7/27/2004	XX	GW302XHD1	0.002 U	1.2	0.002 U	0.02 U	3.5	0.002 U	0.004 U	0.01 U	2 U
10/25/2004	XX	GW302X07C		0.8			4.3				
5/10/2005	XX	GW302X13D	0.004 J	0.9			5				
7/27/2005	XX	GW302X171	0.002 U	0.7			4.7				
9/19/2005	XX	GW302X19J	0.004 J	0.6			5.6				
5/23/2006	XX	GW302X1EE	0.002 J	0.8			6				
7/24/2006	XX	GW302X1HB	0.002 U	0.4			5.2				
9/12/2006	XX	GW302X204	0.006	1			6.8				
5/14/2007	XX	GW302X23B	0.002 U	0.8			5.9				

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(MW-302)			Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Tin
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID									
7/25/2007	XX	GW302X27F	0.002 U	0.7			5.9				
9/10/2007	XX	GW302X2A5	DE	DE			DE				
MW-302R											
5/20/2008	XX	GW302X2DJ	0.003 U	1.2			7.5				
7/29/2008	XX	GW302X2H3	0.002 U	2			7.1				
10/27/2008	XX	GW302X2JD	0.002 U	1			6.6				
4/13/2009	XX	GW302X331	0.002 U	0.7			6.6				
7/6/2009	XX	GW302X375	0.002 J	0.8			9.6				
10/27/2009	XX	GW302X3F0	0.002 U	1.4			22.9				
4/26/2010	XX	GW302X3JJ	0.002 U	0.5			6				
7/19/2010	XX	GW302X433	0.002 U	1.2			20.3				
10/18/2010	XX	GW302X467	0.002 U	1.6			22				
MW-303											
11/26/1996	XX	GW303X0B1					4.3				
3/26/1997	XX	MW-303828-35515					3.1				
6/2/1997	XX	MW-303829-35583					4.6				
9/8/1997	XX	MW-303830-35681					3.3				
12/3/1997	XX	MW-303831-35767					3.2				
3/25/1998	XX	MW-303832-35879					3.3				
6/9/1998	XX	MW-303833-35955					3.2				
9/8/1998	XX	MW-303834-36046					3.3				
12/14/1998	XX	MW-303835-36143					3.3				
3/29/1999	XX	MW-303836-36248					2.6				
6/8/1999	XX	MW-303837-36319					3.8				
9/13/1999	XX	MW-303838-36416					3.1				
12/1/1999	XX	MW-303839-36495					3.1				
3/27/2000	XX	MW-303840-36612					3.4				
6/12/2000	XX	MW-303841-36689					3.1				
9/13/2000	XX	MW-303842-36782					2.9				
12/11/2000	XX	MW-303843-36871					3.2				
3/13/2001	XX	MW-303844-36963					3.1				
6/19/2001	XX	MW-303845-37061					4				
9/11/2001	XX	MW-303846-37145					3.3				
12/12/2001	XX	MW-303847-37237					2.5				
3/13/2002	XX	MW-303848-37328					3.1				
6/17/2002	XX	MW-303849-37424					4.1				
9/18/2002	XX	MW-303850-37517					2.9				
12/9/2002	XX	MW-303851-37599					3				
3/26/2003	XX	MW-303N37706					7.3				
6/25/2003	XX	MW-303N37797					2.5				
9/17/2003	XX	MW-303N37881					1.9				
5/6/2004	XX	GW303X00C	0.002 J	0.4	0.002 U	0.02 U	3.9	0.002 U	0.004 U	0.01 U	2 U
7/28/2004	XX	GW303X040	0.002 U	1	0.002 J	0.02 U	4.1	0.002 U	0.004 J	0.01 U	2 U
10/26/2004	XX	GW303X07G		0.6			3.3				
10/26/2004	XD	GWDP3X06J		0.6			3.2				
5/11/2005	XX	GW303X13H	0.002 U	0.4			4.1				
8/1/2005	XX	GW303X175	0.002 U	0.4			4.3				
8/1/2005	XD	GWDP1X15H	0.002 U	0.4			4.5				

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(MW-303)			Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
Date	Type	Sample ID									
9/19/2005	XX	GW303X1A3	0.002 U	0.5			4				
5/23/2006	XX	GW303X1EI	0.002 U	0.6			4.3				
7/24/2006	XD	GWDP4X1H4	0.002 U	0.3			3.9				
7/24/2006	XX	GW303X1HF	0.002 U	0.3			3.7				
9/12/2006	XX	GW303X208	0.002 U	0.7			4.3				
5/14/2007	XX	GW303X23F	0.002 U	0.2 J			4.7				
7/25/2007	XD	GWDP4X278	0.002 U	0.4			3.8				
7/25/2007	XX	GW303X27J	0.002 U	0.5			3.6				
9/11/2007	XD	GWDP1X291	0.002 U	0.5			3.2				
9/11/2007	XX	GW303X2A9	0.002 U	0.5			3.1				
5/19/2008	XX	GW303X2E3	0.003 U	0.5			4.6				
7/29/2008	XD	GWDP4X2GG	0.002 U	0.5			4.4				
7/29/2008	XX	GW303X2H7	0.002 U	0.6			4.6				
10/27/2008	XX	GW303X2JH	0.002 U	0.5			4.2				
10/27/2008	XD	GWDP3X2J0	0.002 U	0.4			4.2				
4/13/2009	XX	GW303X335	0.002 U	0.9			5.8				
7/6/2009	XD	GWDP3X36C	0.002 J	0.7			6				
7/6/2009	XX	GW303X379	0.002 J	0.7			6.1				
10/28/2009	XX	GW303X3F4	0.002 U	0.7			5.8				
4/26/2010	XX	GW303X403	0.002 U	0.7			6				
7/19/2010	XX	GW303X437	0.002 U	0.8			6.5				
7/19/2010	XD	GWDP4X42G	0.002 U	0.8			6.3				
10/18/2010	XX	GW303X46B	0.002 U	0.7			6.8				
MW-304A											
7/29/2004	XX	GW304AHD0	0.002 U	3.2	0.002 J	0.02 U	23	0.002 U	0.004 U	0.01 U	
10/27/2004	XX	GW304A07B	0.002 U	1.9	0.002 U	0.02 U	17	0.002 U	0.2 U	0.01 U	
5/11/2005	XX	GW304A13C	0.002 U	1.2			3.6				
7/28/2005	XX	GW304A170	0.002 U	1			3.9				
9/19/2005	XX	GW304A19I	0.002 U	0.7			4.8				
5/24/2006	XX	GW304A1ED	0.002 U	0.6			4.5				
7/25/2006	XX	GW304A1HA	0.002 U	1			4.4				
9/12/2006	XX	GW304A203	0.002 U	1			5.6				
5/15/2007	XX	GW304A23A	0.006	0.3			5.8				
7/24/2007	XX	GW304A27E	0.003 J	1.1			5.6				
9/11/2007	XX	GW304A2A4	0.004 J	0.9			4.6				
5/20/2008	XX	GW304A2DI	0.003 U	0.7			3.6				
7/29/2008	XX	GW304A2H2	0.002 U	0.9			4.3				
10/27/2008	XX	GW304A2JC	0.002 U	0.8			6.1				
4/13/2009	XX	GW304A330	0.002 U	1			4.8				
7/6/2009	XX	GW304A374	0.002 U	0.7			4.2				
10/27/2009	XX	GW304A3EJ	0.002 U	0.7			3.3				
4/26/2010	XX	GW304A3JI	0.002 U	0.5			2.9				
7/19/2010	XX	GW304A432	0.002 U	0.7			3.4				
10/18/2010	XX	GW304A466	0.002 U	0.7			3.6				
MW-401A											
7/29/2004	XX	GW401A059	0.002 U	1.4	0.004 J	0.02 U	3.6	0.002 U	0.005 J	0.01 U	
10/27/2004	XD	GWDP4X075	0.002 U	0.9	0.002 U	0.02 U	3.8	0.002 U	0.2 U	0.01 J	
10/27/2004	XX	GW401A071	0.002 U	0.9	0.002 U	0.02 U	3.7	0.002 U	0.2 U	0.01 U	

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Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
(MW-401A)											
5/10/2005	XX	GW401A132	0.003 J	0.7			4.7				
7/28/2005	XX	GW401A16A	0.002 U	0.8			5.2				
7/28/2005	XD	GWDP4X16E	0.002 U	0.6			5.1				
9/21/2005	XX	GW401A198	0.002 U	0.3			4.5				
5/23/2006	XX	GW401A1E3	0.002 U	1			4.6				
7/25/2006	XX	GW401A1H0	0.004 J	0.7			4.5				
9/12/2006	XX	GW401A1JD	0.002 U	0.8			4.9				
5/14/2007	XX	GW401A230	0.002 U	0.3			5.2				
7/24/2007	XX	GW401A274	0.002 U	1.3			4.8				
9/11/2007	XX	GW401A29E	0.003 J	0.8			3.8				
5/20/2008	XX	GW401A2D8	0.003 U	0.6			3.6				
7/28/2008	XX	GW401A2GC	0.002 U	0.7			3.8				
10/27/2008	XX	GW401A2J2	0.002 U	0.6			3.5				
4/13/2009	XX	GW401A32A	0.002 U	0.8			3.9				
7/7/2009	XX	GW401A36E	0.002 U	0.6			3.9				
10/28/2009	XX	GW401A3E9	0.002 U	0.6			3.2				
4/27/2010	XX	GW401A3J8	0.002 U	0.7			3.5				
7/20/2010	XX	GW401A42C	0.002 U	0.7			3.6				
10/20/2010	XX	GW401A45G	0.002 U	0.7			4				
MW-401B											
7/29/2004	XD	GWDP4X05D	0.002 J	3.4	0.002 J	0.02 U	18	0.002 U	0.004 U	0.01 U	
7/29/2004	XX	GW401B05A	0.002 J	3.2	0.003 J	0.02 U	18	0.002 U	0.004 U	0.01 U	
10/27/2004	XX	GW401B072	0.002 U	3.1	0.002 J	0.02 U	23	0.002 U	0.2 U	0.01 J	
5/10/2005	XX	GW401B133	0.004 J	2.1			23				
5/10/2005	XD	GWDP4X136	0.003 J	2			24				
7/27/2005	XX	GW401B16B	0.002 J	2			24				
9/21/2005	XX	GW401B199	0.003 J	1.9			33				
9/21/2005	XD	GWDP4X19C	0.003 J	1.7			30				
5/23/2006	XX	GW401B1E4	0.002 J	1.8			26				
5/23/2006	XD	GWDP4X1E7	0.002 J	1.9			25				
7/25/2006	XX	GW401B1H1	0.005	2.3			30				
9/12/2006	XD	GWDP3X1JB	0.002 J	2.2			28				
9/12/2006	XX	GW401B1JE	0.002 J	2.1			29				
5/14/2007	XD	GWDP4X234	0.002 U	0.8			18.8				
5/14/2007	XX	GW401B231	0.002 J	0.9			19.6				
7/24/2007	XX	GW401B275	0.002 U	1.8			21				
9/11/2007	XX	GW401B29F	0.002 J	1.8			27				
9/11/2007	XD	GWDP4X29I	0.003 J	1.8			26				
5/20/2008	XD	GWDP4X2DC	0.003 U	1.2			15.2				
5/20/2008	XX	GW401B2D9	0.003 U	1.2			15.9				
7/28/2008	XX	GW401B2GD	0.002 J	1.5			16.3				
10/27/2008	XD	GWDP4X2J6	0.002 U	1.5			16.1				
10/27/2008	XX	GW401B2J3	0.002 U	1.5			16.1				
4/13/2009	XX	GW401B32B	0.002 U	1.1			10.6				
4/13/2009	XD	GWDP4X32E	0.002 U	1.1			10.1				
7/7/2009	XX	GW401B36F	0.002 U	1.3			13.2				
10/28/2009	XD	GWDP3X3E7	0.002 U	1.4			13.3				
10/28/2009	XX	GW401B3EA	0.003 J	1.4			13.6				
4/27/2010	XD	GWDP4X3JC	0.002 U	1			10.4				

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(MW-401B)			Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Tin
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID									
4/27/2010	XX	GW401B3J9	0.002 U	1			9.8				
7/20/2010	XX	GW401B42D	0.002 U	1.3			12.9				
7/20/2010	XD	GWDP3X42A	0.002 U	1.4			14.6				
10/20/2010	XX	GW401B45H	0.002 U	1.5			15.6				
10/20/2010	XD	GWDP4X460	0.002 U	1.5			15.3				
MW-402A											
7/29/2004	XX	GW402A05B	0.003 J	1.3	0.003 J	0.02 U	8	0.002 U	0.004 U	0.01 U	
10/27/2004	XX	GW402A073	0.002 U	0.5	0.002 J	0.02 U	8.2	0.002 U	0.2 U	0.01 J	
5/11/2005	XX	GW402A134	0.002 J	0.7			11				
8/1/2005	XX	GW402A16C	0.002 U	0.7			9.7				
9/21/2005	XX	GW402A19A	0.002 U	0.5			9.2				
5/23/2006	XX	GW402A1E5	0.002 U	0.8			9.8				
7/26/2006	XX	GW402A1H2	0.002 U	0.8			9.4				
9/12/2006	XX	GW402A1JF	0.002 U	0.8			10.5				
5/15/2007	XX	GW402A232	0.003 J	0.3			9.9				
7/25/2007	XX	GW402A276	0.002 U	0.8			9.7				
9/12/2007	XX	GW402A29G	0.008	0.7			9.2				
5/20/2008	XX	GW402A2DA	0.003 U	0.5			8.7				
7/28/2008	XX	GW402A2GE	0.002 U	0.6			7.9				
10/27/2008	XX	GW402A2J4	0.002 U	0.5			8				
4/14/2009	XX	GW402A32C	0.002 U	0.6			9.2				
7/8/2009	XX	GW402A36G	0.002 J	0.6			8.4				
10/28/2009	XX	GW402A3EB	0.002 J	0.6			8.2				
4/27/2010	XX	GW402A3JA	0.002 U	0.6			8				
7/21/2010	XX	GW402A42E	0.002 U	0.6			7.8				
10/20/2010	XX	GW402A45I	0.002 U	0.7			10.3				
MW-402B											
7/29/2004	XX	GW402B05C	0.002 U	1.4	0.003 J	0.02 U	7.9	0.002 U	0.004 U	0.01 U	
10/27/2004	XX	GW402B074	0.002 U	0.9	0.002 J	0.02 U	8.5	0.002 U	0.2 U	0.01 U	
5/11/2005	XX	GW402B135	0.002 J	0.9			12				
8/1/2005	XX	GW402B16D	0.002 U	0.7			9.8				
9/21/2005	XX	GW402B19B	0.002 U	0.5			11				
9/21/2005	XD	GWDP3X196	0.002 J	0.4			10				
5/23/2006	XX	GW402B1E6	0.002 U	0.8			9.2				
7/26/2006	XX	GW402B1H3	0.002 U	0.8			9.1				
9/12/2006	XX	GW402B1JG	0.002 J	0.7			10.3				
5/15/2007	XX	GW402B233	0.002 U	0.4			9.6				
7/25/2007	XX	GW402B277	0.002 U	0.8			9.3				
9/12/2007	XX	GW402B29H	0.002 U	2.2			9				
5/20/2008	XX	GW402B2DB	0.003 U	0.5			8.3				
7/28/2008	XX	GW402B2GF	0.002 U	0.6			7.9				
10/27/2008	XX	GW402B2J5	0.002 U	0.6			7.8				
4/14/2009	XX	GW402B32D	0.002 U	0.6			8.4				
7/8/2009	XX	GW402B36H	0.002 U	0.7			8.7				
10/28/2009	XX	GW402B3EC	0.002 J	0.7			8.3				
4/27/2010	XX	GW402B3JB	0.002 U	0.6			7.8				
7/21/2010	XX	GW402B42F	0.002 U	0.7			7.6				
10/20/2010	XX	GW402B45J	0.002 U	0.8			9.2				

SUMMARY REPORT
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(DP-4) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
DP-4											
1/30/2004	XX	GWDP4X039		4.5			40				
5/6/2004	XX	GWXXXX00D		3.2			54				
7/26/2004	XX	GWXXXX041		2.5			50				
10/26/2004	XX	GWXXXX07H		1.8			74				
5/9/2005	XX	GWXXXX13I	0.006	1.8			50				
8/1/2005	XX	GWXXXX176	0.004 J	1.5			35				
9/20/2005	XX	GWXXXX1A4	0.002 U	1.6			29				
5/22/2006	XX	GWXXXX1EJ	0.003 J	1.1			7.3				
7/24/2006	XX	GWXXXX1HG	0.002 U	1			10.4				
9/11/2006	XX	GWXXXX209	0.002 J	1.4			13.4				
5/14/2007	XX	GWXXXX23G	0.002 U	2.1			8				
7/23/2007	XX	GWXXXX280	0.003 J	1.5			7.3				
9/10/2007	XX	GWXXXX2AA	0.005	1.3			8.8				
5/19/2008	XX	GWXXXX2E4	0.004 J	1.5			7.9				
7/29/2008	XX	GWXXXX2H8	0.004 J	1.3			7.4				
10/27/2008	XX	GWXXXX2JI	0.005	1.3			7.3				
4/13/2009	XX	GWXXXX336	0.006	1.5			8				
7/6/2009	XX	GWXXXX37A	0.005	1.4			9.3				
10/26/2009	XX	GWXXXX3F5	0.007	1.7			9.4				
4/26/2010	XX	GWXXXX404	0.002 U	1.2			7.9				
7/19/2010	XX	GWXXXX438	0.002 U	1.3			8.9				
10/18/2010	XX	GWXXXX46C	0.002 J	1.5			9				
MW04-102											
1/18/2005	XX	GW102X10C	0.003 J	1.2	0.002 U	0.02 U	9.8	0.002 U	0.004 U	0.01 U	2 U
3/21/2005	XX	GW102X144	0.002 U	1.5	0.004 J	0.02 U	11	0.002 U	0.004 U	0.01 U	2 U
7/25/2005	XX	GW102X17I	0.002 U	2.5	0.002 U	0.02 U	9	0.002 U	0.004 U	0.01 U	2 U
9/20/2005	XX	GW102X1A9	0.006	1.8	0.002 U	0.02 U	9.2	0.002 U	0.004 U	0.01 U	2 U
5/23/2006	XX	GW102X1F4	0.002 U	2.3			8.7				
7/25/2006	XX	GW102X1I0	0.012	2.5			8.9				
9/12/2006	XX	GW102X20D	0.002 U	3.2			10.1				
5/15/2007	XX	GW102X240	0.003 J	2.6			8.7				
7/24/2007	XX	GW102X284	0.002 J	2.4			8.1				
9/11/2007	XX	GW102X2AE	0.002 U	1.9			8.2				
5/20/2008	XX	GW102X2E8	0.003 U	1.8			7.5				
7/29/2008	XX	GW102X2HC	0.002 U	1.7			6.8				
10/27/2008	XX	GW102X302	0.002 U	1.6			6.4				
4/14/2009	XX	GW102X339	0.002 U	1.7			7.3				
7/7/2009	XX	GW102X37D	0.002 U	1.7			7.2				
10/27/2009	XX	GW102X3F8	0.002 U	1.7			6.8				
4/27/2010	XX	GW102X407	0.002 U	1.6			6.9				
7/21/2010	XX	GW102X43B	0.002 U	1.7			6.6				
10/19/2010	XX	GW102X46F	0.002 U	1.8			7.3				
MW04-105											
1/17/2005	XX	GW105X10F	0.002 J	2	0.002 U	0.02 U	19	0.002 J	0.004 U	0.01 J	2 U
3/21/2005	XX	GW105X147	0.002 U	1.9	0.002 U	0.02 U	16	0.002 U	0.004 U	0.01 J	2 U
7/25/2005	XX	GW105X181	0.002 U	1.9	0.002 U	0.02 U	15	0.002 U	0.004 U	0.01 J	2 U
9/20/2005	XX	GW105X1AC	0.002 U	1.6	0.003 J	0.02 U	18	0.002 U	0.004 U	0.01 U	2 U

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(MW04-105)			Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Tin
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID									
5/23/2006	XX	GW105X1F7	0.003 J	2			12				
7/25/2006	XX	GW105X1I1	0.004 J	2.2			18				
7/25/2006	XD	GWDP3X1GI	0.004 J	2			18.9				
9/12/2006	XX	GW105X20E	0.002 J	2.8			26				
5/14/2007	XD	GWDP3X22I	0.002 U	2.3			19.5				
5/14/2007	XX	GW105X241	0.002 U	1.9			19				
7/24/2007	XX	GW105X285	0.003 J	1.9			31				
7/24/2007	XD	GWDP3X272	0.002 J	1.9			29				
9/10/2007	XX	GW105X2AF	0.002 U	1.7			32				
5/19/2008	XD	GWDP3X2D6	0.003 U	2.1			24.3				
5/19/2008	XX	GW105X2E9	0.003 U	2.2			25.3				
7/29/2008	XD	GWDP3X2GA	0.002 U	1.7			24.1				
7/29/2008	XX	GW105X2HD	0.002 U	1.7			25.2				
10/27/2008	XX	GW105X303	0.002 U	2			20.9				
10/27/2008	XD	GWDP1X305	0.002 U	1.6			23.2				
4/15/2009	XD	GWDP3X328	0.002 U	1.6			13.7				
4/15/2009	XX	GW105X33A	0.002 U	1.6			15.3				
7/7/2009	XD	GWDP1X361	0.002 J	1.7			20.3				
7/7/2009	XX	GW105X37E	0.002 J	1.4			22.6				
10/26/2009	XX	GW105X3F9	0.004 J	1.6			20.8				
10/26/2009	XD	GWDP1X3DG	0.003 J	1.3			19.6				
4/27/2010	XD	GWDP3X3J6	0.002 U	1.3			16.4				
4/27/2010	XX	GW105X408	0.002 U	1.3			16.7				
7/19/2010	XX	GW105X43C	0.002 U	1.3			17.3				
10/18/2010	XX	GW105X46G	0.002 U	1.4			17.7				
10/18/2010	XD	GWDP3X45E	0.002 U	1.7			18.9				
MW04-109											
1/19/2005	XX	GW109X10I	0.002 U	2.3	0.002 J	0.02 U	70	0.002 U	0.004 U	0.01 J	2 U
1/19/2005	XD	GWDP1X110	0.002 U	2.2	0.002 J	0.02 U	72	0.002 U	0.004 U	0.01 J	2 U
3/23/2005	XX	GW109X14A	0.002 U	2.1	0.002 J	0.02 U	55	0.002 U	0.004 U	0.01 U	2 U
7/26/2005	XD	GWDP5X186	0.002 U	2.4	0.002 U	0.02 U	44	0.002 U	0.004 U	0.01 U	2 U
7/26/2005	XX	GW109X184	0.002 U	2.4	0.002 U	0.02 U	45	0.002 U	0.004 U	0.01 J	2 U
9/20/2005	XX	GW109X1AF	0.002 U	2.1	0.003 J	0.02 U	40	0.002 U	0.004 U	0.01 U	2 U
9/20/2005	XD	GWDP5X1AH	0.002 J	1.9	0.002 J	0.02 U	43	0.002 U	0.004 U	0.01 U	2 U
5/23/2006	XX	GW109X1FA	0.002 U	2			22				
5/23/2006	XD	GWDP3X1E1	0.002 J	2.1			23				
7/25/2006	XX	GW109X1I2	0.002 J	2			19.2				
9/12/2006	XX	GW109X20F	0.004 J	5.4			19.5				
9/12/2006	XD	GWDP1X1J0	0.004 J	4.9			21				
5/15/2007	XX	GW109X242	0.004 J	2.1			13.5				
7/24/2007	XX	GW109X286	0.002 J	2			12.6				
9/10/2007	XD	GWDP5X2AH	0.002 U	1.7			12.1				
9/10/2007	XX	GW109X2AG	0.002 U	1.7			12				
5/19/2008	XX	GW109X2EA	0.003 U	2.7			15.4				
7/29/2008	XX	GW109X2HE	0.002 J	3.1			21.6				
10/28/2008	XX	GW109X304	0.002 U	3			22.9				
4/15/2009	XX	GW109X33B	0.002 J	2.5			19.7				
7/7/2009	XX	GW109X37F	DE	DE			DE				

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(MW04-109R)			Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
Date	Type	Sample ID									
MW04-109R											
12/8/2009	XX	GW109X3GF	0.002 U	2.5			9				
4/27/2010	XX	GW109X409	0.002 U	1.9			9.1				
7/20/2010	XX	GW109X43D	0.002 U	2.1			9.5				
10/19/2010	XX	GW109X46H	0.002 U	2.2			10.3				
MW09-901											
12/8/2009	XX	GW901X3GH	0.002 J	2.6			11.9				
4/27/2010	XX	GW901X3J7	0.002 U	2.5			8.2				
7/20/2010	XX	GW901X42B	0.002 U	2.3			7.7				
10/19/2010	XX	GW901X45F	0.002 U	2.5			17.4				
P-04-02											
2/5/2004	XX	GWXXXX03E		3.5			73				
2/11/2004	XX	GWXXXX03C		2			52				
5/5/2004	XX	GWXXXX00E		1.8			21				
7/26/2004	XX	GWXXXX042		1.6			19				
10/25/2004	XX	GWXXXX07I		1.4			19				
5/9/2005	XX	GWXXXX13J	0.002 U	1.6			12				
7/27/2005	XX	GWXXXX177	0.002 U	1.3			12				
9/22/2005	XX	GWXXXX1A5	0.002 U	1.2			11				
5/22/2006	XX	GWXXXX1F0	0.002 U	1.4			9.7				
7/24/2006	XX	GWXXXX1HH	0.002 U	1.1			9.1				
9/11/2006	XX	GWXXXX20A	0.002 J	1.2			9.7				
5/14/2007	XX	GWXXXX23H	0.002 U	1.4			9.6				
7/23/2007	XX	GWXXXX281	0.002 U	1.5			8.3				
9/10/2007	XX	GWXXXX2AB	0.003 J	1.5			8.2				
5/21/2008	XX	GWXXXX2E5	0.003 U	1.5			7.8				
7/30/2008	XX	GWXXXX2H9	0.002 U	1.3			7.1				
10/29/2008	XX	GWXXXX2JJ	0.002 U	1.4			6.7				
4/13/2009	XX	GWXXXX337	0.002 U	1.5			7.4				
7/6/2009	XX	GWXXXX37B	0.002 J	1.4			7.7				
10/27/2009	XX	GWXXXX3F6	0.002 U	1.3			7.1				
4/26/2010	XX	GWXXXX405	0.002 U	1.1			6.5				
7/21/2010	XX	GWXXXX439	0.002 U	1.3			6.6				
10/20/2010	XX	GWXXXX46D	0.002 U	1.4			7.6				
P-04-04											
2/5/2004	XX	GWXXXX03F		4.6			73				
2/11/2004	XX	GWXXXX03D		1.7			25				
5/6/2004	XX	GWXXXX00F		2			14				
7/26/2004	XX	GWXXXX043		2.2			12				
10/25/2004	XX	GWXXXX07J		2			11				
5/9/2005	XX	GWXXXX140	0.002 U	2			7.8				
7/27/2005	XX	GWXXXX178	0.002 U	1.4			6.7				
9/22/2005	XX	GWXXXX1A6	0.002 J	1.9			6.1				
5/22/2006	XX	GWXXXX1F1	0.002 U	1.7			6.3				
7/24/2006	XX	GWXXXX1HI	0.002 U	1.5			5.6				
9/11/2006	XX	GWXXXX20B	0.002 U	1.5			6.2				
5/14/2007	XX	GWXXXX23I	0.002 U	0.9			6				

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(P-04-04)			Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadium	Zinc	Tin
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID									
7/23/2007	XX	GWXXXX282	0.002 U	1.5			4.7				
9/10/2007	XX	GWXXXX2AC	0.003 J	1.5			4.8				
5/21/2008	XX	GWXXXX2E6	0.003 U	1.5			4.6				
7/30/2008	XX	GWXXXX2HA	0.002 U	1.4			4.1				
10/29/2008	XX	GWXXXX300	0.002 U	1.5			4.8				
4/13/2009	XX	GWXXXX338	0.002 U	1.6			4.2				
7/6/2009	XX	GWXXXX37C	0.002 U	1.4			4.2				
10/27/2009	XX	GWXXXX3F7	0.002 U	1.4			3.9				
4/26/2010	XX	GWXXXX406	0.002 U	1.3			3.9				
7/21/2010	XX	GWXXXX43A	0.002 U	1.4			3.9				
10/20/2010	XX	GWXXXX46E	0.002 U	1.6			4.5				
SW-AR1											
5/26/1994	XX	SWAR1X079					2			0.02 U	
8/8/1994	XX	SWAR1X07D					4			0.09	
11/15/1994	XX	SWAR1X07H					3			0.02 U	
2/7/1995	XX	SWAR1X081					3			0.15	
5/24/1995	XX	SWAR1X085					3			0.02 U	
8/16/1995	XX	SWAR1X089					4			0.02 U	
11/30/1995	XX	SWAR1X08D					2.7			0.025 U	
2/27/1996	XX	SWAR1X08H					2.2			0.025 U	
5/21/1996	XX	SWAR1X09H					1.8			0.02 U	
11/25/1996	XX	SWAR1X0AD					2.7				
3/26/1997	XX	SW-AR1821-35515					4.4				
6/4/1997	XX	SW-AR1822-35585					3				
9/11/1997	XX	SW-AR1823-35684					3.6				
12/8/1997	XX	SW-AR1824-35772					2.8				
3/26/1998	XX	SW-AR1825-35880					2				
6/9/1998	XX	SW-AR1826-35955					2.4				
12/15/1998	XX	SW-AR1828-36144					3.5				
3/30/1999	XX	SW-AR1829-36249					1.3				
6/9/1999	XX	SW-AR1830-36320					2.7				
9/14/1999	XX	SW-AR1831-36417					4.4				
12/2/1999	XX	SW-AR1832-36496					3.6				
3/28/2000	XX	SW-AR1833-36613					1.5				
6/13/2000	XX	SW-AR1834-36690					2.5				
12/12/2001	XX	SW-AR1835-37237					6.3				
3/14/2002	XX	SW-AR1836-37329					3.7				
6/18/2002	XX	SW-AR1837-37425					4.3				
6/26/2003	XX	SW-AR1N37798					5.4				
5/3/2004	XX	SWAR1X01B		1.2			5.5				
7/27/2004	XX	SWAR1X04H		1.5			5.7				
10/26/2004	XX	SWAR1X06C		1.5			5.9				
5/10/2005	XX	SWAR1X12D	0.003 J	1.6			5.6				
7/28/2005	XX	SWAR1X161	0.002 U	1.2			5.6				
9/20/2005	XX	SWAR1X18J	0.002 J	1.3			7.9				
5/24/2006	XX	SWAR1X1DE	0.002 U	1.3			15				
7/26/2006	XX	SWAR1X1GB	0.002 U	1.8			12.4				
9/13/2006	XX	SWAR1X1J4	D	D			D				
5/15/2007	XX	SWAR1X22B	0.003 J	0.4			16.8				

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(SW-AR1) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
7/24/2007	XX	SWAR1X26F	0.002 U	1.4			13				
9/11/2007	XX	SWAR1X295	I	I			I				
5/21/2008	XX	SWAR1X2CJ	0.003 U	1.2			32.8				
7/29/2008	XX	SWAR1X2G3	I	I			I				
10/28/2008	XX	SWAR1X2ID	0.002 U	1.8			13.4				
4/14/2009	XX	SWAR1X321	0.002 U	1			17.1				
7/7/2009	XX	SWAR1X365	0.002 J	1.2			13.4				
10/27/2009	XX	SWAR1X3E0	0.002 U	1.6			12				
SW-AR2											
5/26/1994	XX	SWAR2X07B					2			0.07	
8/8/1994	XX	SWAR2X07E					3			0.02 U	
11/15/1994	XX	SWAR2X07I					3			0.04	
2/7/1995	XX	SWAR2X082					F			F	
5/24/1995	XX	SWAR2X086					3			0.02	
8/16/1995	XX	SWAR2X08A					3			0.04	
11/30/1995	XX	SWAR2X08E					2.7			0.025 U	
2/27/1996	XX	SWAR2X08I					2.1			0.025 U	
5/21/1996	XX	SWAR2X09I					1.9			0.02 U	
11/25/1996	XX	SWAR2X0AE					3				
3/26/1997	XX	SW-AR2822-35515					2.9				
6/4/1997	XX	SW-AR2823-35585					3.5				
9/11/1997	XX	SW-AR2824-35684					4				
12/8/1997	XX	SW-AR2825-35772					2.2				
3/26/1998	XX	SW-AR2826-35880					2				
6/9/1998	XX	SW-AR2827-35955					3.3				
12/15/1998	XX	SW-AR2829-36144					3.6				
3/30/1999	XX	SW-AR2830-36249					1.2				
6/9/1999	XX	SW-AR2831-36320					2.5				
9/14/1999	XX	SW-AR2832-36417					4.8				
12/2/1999	XX	SW-AR2833-36496					2.9				
3/28/2000	XX	SW-AR2834-36613					1.5				
6/13/2000	XX	SW-AR2835-36690					2.6				
12/12/2001	XX	SW-AR2836-37237					3.3				
3/14/2002	XX	SW-AR2837-37329					2.7				
6/18/2002	XX	SW-AR2838-37425					3.2				
6/26/2003	XX	SW-AR2N37798					4.4				
5/3/2004	XX	SWAR2X01C		1.1			3.8				
7/27/2004	XX	SWAR2X04I		2.3			6.3				
10/26/2004	XX	SWAR2X06D		2			5.5				
5/10/2005	XX	SWAR2X12E	0.002 U	0.9			3.9				
7/28/2005	XX	SWAR2X162	0.002 U	1.3			6.7				
9/20/2005	XX	SWAR2X190	0.002 U	1.2			0.9				
5/24/2006	XX	SWAR2X1DF	0.002 U	1.3			14				
7/26/2006	XX	SWAR2X1GC	0.003 J	1.4			11.1				
9/13/2006	XX	SWAR2X1J5	I	I			I				
5/15/2007	XX	SWAR2X22C	0.002 J	1.3			16.5				
7/24/2007	XX	SWAR2X26G	0.002 U	1.6			16.9				
9/11/2007	XX	SWAR2X296	D	D			D				
5/21/2008	XX	SWAR2X2D0	0.003 U	2.1			63.1				

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(SW-AR2)											
7/29/2008	XD	SWDP2X2G6	0.002 J	1.4			33.6				
7/29/2008	XX	SWAR2X2G4	0.002 J	1.1			22.6				
10/28/2008	XX	SWAR2X2IE	0.002 U	1			5				
4/14/2009	XX	SWAR2X322	0.002 U	1			19.2				
4/14/2009	XD	SWDP2X324	0.002 U	0.9			18				
7/7/2009	XX	SWAR2X366	0.002 J	0.8			11.8				
10/27/2009	XD	SWDP2X3E3	0.002 U	1.1			7.6				
10/27/2009	XX	SWAR2X3E1	0.002 U	1			5.9				
SW-AR3											
5/26/1994	XX	SWAR3X07C					1			0.06	
8/8/1994	XX	SWAR3X07F					2			0.02 U	
11/15/1994	XX	SWAR3X07J					2			0.02 U	
2/7/1995	XX	SWAR3X083					2			0.05	
5/24/1995	XX	SWAR3X087					2			0.02 U	
8/16/1995	XX	SWAR3X08B					D			D	
11/30/1995	XX	SWAR3X08F					1.8			0.025 U	
2/27/1996	XX	SWAR3X08J					1.4			0.025 U	
5/21/1996	XX	SWAR3X09J					1.7			0.02 U	
5/21/1996	XD	SWDP2X0A1					1.5			0.02 U	
11/25/1996	XX	SWAR3X0AF					1.7				
3/26/1997	XX	SW-AR3823-35515					F				
6/4/1997	XX	SW-AR3824-35585					2.4				
9/11/1997	XX	SW-AR3825-35684					2.6				
12/8/1997	XX	SW-AR3826-35772					1.7				
3/26/1998	XX	SW-AR3827-35880					1				
6/9/1998	XX	SW-AR3828-35955					2.2				
12/15/1998	XX	SW-AR3830-36144					2.2				
3/30/1999	XX	SW-AR3831-36249					0.9				
6/9/1999	XX	SW-AR3832-36320					1.7				
9/14/1999	XX	SW-AR3833-36417					3				
12/2/1999	XX	SW-AR3834-36496					2.1				
3/28/2000	XX	SW-AR3835-36613					1.5				
6/13/2000	XX	SW-AR3836-36690					1.5				
9/13/2000	XX	SW-AR3837-36782					1.8				
12/12/2001	XX	SW-AR3838-37237					2				
3/14/2002	XX	SW-AR3839-37329					1.5				
6/18/2002	XX	SW-AR3840-37425					1.6				
9/19/2002	XX	SW-AR3841-37518					2				
6/26/2003	XD	SW-AR3D37798					2				
6/26/2003	XX	SW-AR3N37798					1.9				
9/18/2003	XX	SW-AR3N37882					1.6				
5/3/2004	XX	SWAR3X01D		0.4			2.2				
7/27/2004	XX	SWAR3X04J		0.8			2.6				
10/26/2004	XX	SWAR3X06E		0.7			2.3				
5/10/2005	XX	SWAR3X12F	0.002 J	0.5			2.3				
7/28/2005	XX	SWAR3X163	0.002 J	0.5			1.7				
9/20/2005	XX	SWAR3X191	0.002 U	0.4			3.5				
5/24/2006	XX	SWAR3X1DG	0.002 U	0.7			2.6				
7/26/2006	XX	SWAR3X1GD	0.002 U	0.6			2.5				

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(SW-AR3)											
9/13/2006	XX	SWAR3X1J6	0.002 J	0.4			3.5				
5/15/2007	XX	SWAR3X22D	0.002 J	2			1.5				
7/24/2007	XX	SWAR3X26H	0.002 U	0.7			3.5				
9/11/2007	XX	SWAR3X297	D	D			D				
5/21/2008	XX	SWAR3X2D1	0.003 U	0.2 J			4				
7/29/2008	XX	SWAR3X2G5	0.002 J	0.2 J			3.6				
10/28/2008	XX	SWAR3X2IF	0.002 J	0.4			2.8				
4/14/2009	XX	SWAR3X323	0.002 U	0.2 J			2				
7/7/2009	XX	SWAR3X367	0.002 U	0.2 J			2.1				
10/27/2009	XX	SWAR3X3E2	0.002 U	0.6			1.4				
SW-DP1											
5/3/2004	XX	SWDP1X01H		25			17				
7/27/2004	XX	SWDP1X053		19			25				
10/26/2004	XX	SWDP1X06H		4.7			6.3				
5/10/2005	XX	SWDP1X12I	0.003 J	3.7			3.7				
7/28/2005	XX	SWDP1X166	0.002 U	2.7			3.1				
9/20/2005	XX	SWDP1X194	0.002 J	3.7			4.5				
5/24/2006	XX	SWDP1X1DJ	0.002 J	3.8			6.7				
7/26/2006	XX	SWDP1X1GG	0.003 J	3.1			9				
9/13/2006	XX	SWDP1X1J9	0.002 U	2.6			5.3				
5/15/2007	XX	SWDP1X22G	0.002 J	2.8			6.5				
7/24/2007	XX	SWDP1X270	0.002 U	2.1			4.2				
9/11/2007	XX	SWDP1X29A	0.002 U	1.7			3.3				
5/21/2008	XX	SWDP1X2D4	0.003 U	1.2			6.6				
7/29/2008	XX	SWDP1X2G8	0.002 U	1.5			3.5				
10/28/2008	XX	SWDP1X2Ii	0.002 U	1.8			4.4				
4/14/2009	XX	SWDP1X326	0.002 U	1.9			5.6				
7/7/2009	XX	SWDP1X36A	0.002 U	1.1			2.6				
10/27/2009	XX	SWDP1X3E5	0.002 U	1.8			2.9				
4/28/2010	XX	SWDP1X3J4	0.002 U	1.7			5.4				
7/20/2010	XX	SWDP1X428	0.002 U	0.4			2.3				
10/19/2010	XX	SWDP1X45C	0.002 U	1.4			2.8				
SW-DP2											
5/3/2004	XX	SWDP2X01I		30			26				
7/27/2004	XX	SWDP2X054		43			36				
10/26/2004	XX	SWDP2X06I		18.5			15				
5/10/2005	XX	SWDP2X12J	0.002 J	5			5.9				
7/28/2005	XX	SWDP2X167	0.004 J	3.7			5.2				
9/20/2005	XX	SWDP2X195	0.009	7.3			3.6				
5/24/2006	XX	SWDP2X1E0	!	!			!				
7/26/2006	XX	SWDP2X1GH	!	!			!				
9/13/2006	XX	SWDP2X1JA	!	!			!				
5/15/2007	XX	SWDP2X22H	0.005	0.9			2.6				
7/24/2007	XX	SWDP2X271	0.002 U	1.9			3.8				
9/11/2007	XX	SWDP2X29B	0.002 U	2			19				
5/21/2008	XX	SWDP2X2D5	0.003 U	1.7			2.4				
7/29/2008	XX	SWDP2X2G9	0.007	3.7			5.3				
10/28/2008	XX	SWDP2X2IJ	0.002 J	6			3.7				

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(SW-DP2)											
4/14/2009	XX	SWDP2X327	0.002 J	1.8			6.6				
7/7/2009	XX	SWDP2X36B	DE	DE			DE				
SW-DP6											
10/27/2009	XX	SWDP6X3G6	0.003 J	2.1			2.5				
4/28/2010	XX	SWDP6X3J5	0.002 U	1.5			6.3				
7/20/2010	XX	SWDP6X429	0.002 U	2.9			6.7				
10/19/2010	XX	SWDP6X45D	0.002 U	2.3			3.4				
SW-LCH											
3/26/1997	XX	SW-LCH1-35515					45				
6/3/1997	XX	SW-LCH2-35584					94				
9/11/1997	XX	SW-LCH3-35684					210				
12/8/1997	XX	SW-LCH4-35772					195				
3/25/1998	XX	SW-LCH5-35879					220				
6/9/1998	XX	SW-LCH6-35955					265				
9/10/1998	XX	SW-LCH7-36048					650				
12/15/1998	XX	SW-LCH8-36144					540				
3/30/1999	XX	SW-LCH9-36249					200				
6/9/1999	XX	SW-LCH10-36320					235				
9/14/1999	XX	SW-LCH11-36417					215				
12/2/1999	XX	SW-LCH12-36496					325				
3/28/2000	XX	SW-LCH13-36613					340				
6/13/2000	XX	SW-LCH14-36690					340				
9/13/2000	XX	SW-LCH15-36782					550				
3/14/2001	XX	SW-LCH16-36964					560				
6/19/2001	XX	SW-LCH17-37061					660				
9/11/2001	XX	SW-LCH18-37145					180				
12/12/2001	XX	SW-LCH19-37237					480				
3/14/2002	XX	SW-LCH20-37329					450				
6/18/2002	XX	SW-LCH21-37425					460				
9/19/2002	XX	SW-LCH22-37518					620				
12/10/2002	XX	SW-LCH23-37600					650				
3/26/2003	XX	SW-LCHN37706					810				
6/26/2003	XX	SW-LCHN37798					840				
9/18/2003	XX	SW-LCHN37882					630				
5/4/2004	XX	SWLCHX01F	0.035	550	0.039	0.02 U	460	0.001 U	0.006 J	0.04	2 U
7/28/2004	XX	SWLCHX051		410			315				
10/26/2004	XX	SWLCHX06G		550			620				
5/11/2005	XX	SWLCHX12H	0.018	490	0.003 J	0.02 U	415	0.001 U	0.2 U	0.05	2 U
7/27/2005	XX	SWLCHX165	0.022	860			850				
9/21/2005	XX	SWLCHX193	0.02	410			390				
5/24/2006	XX	SWLCHX1DI	0.029	345	0.004	0.02 U	650	0.001 U	0.2 U	0.045	2 U
7/25/2006	XX	SWLCHX1GF	0.043	820			990				
9/13/2006	XX	SWLCHX1J8	0.049	600			870				
5/15/2007	XX	SWLCHX22F	0.031	165	0.001 U	0.02 U	230	0.001 U	0.2 U	0.012	2 U
7/24/2007	XX	SWLCHX26J	0.037	435			930				
9/11/2007	XX	SWLCHX299	0.047	1675			1000				
5/21/2008	XX	SWLCHX2D3	0.049	1016	0.003 J	0.001 U	1347	0.003 U	0.005 U	0.033	0.003 U
7/29/2008	XX	SWLCHX2G7	0.069	1074			1113				

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(SW-LCH) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
10/29/2008	XX	SWLCHX2IH	0.061	939			1049				
SW-UD											
5/4/2004	XX	SWXUDX020		18			28				
SW-1											
11/13/1990	XX	SW-133190					3			0.02 U	
11/13/1990	XD	SW-1XD33190					3			0.02 U	
2/20/1991	XX	SW-133289	F	F	F	F	F	F	F	F	
6/4/1991	XX	SW-133393					2.9			0.02 U	
9/16/1991	XX	SW-133497					3.7			0.02 U	
12/18/1991	XX	SWXX1X00B					3.1			0.02 U	
3/2/1992	XX	SWXX1X019	F	F	F	F	F	F	F	F	
6/23/1992	XX	SWXX1X024					4			0.02 U	
8/17/1992	XX	SWXX1X033					5			0.02 U	
1/26/1993	XX	SWXX1X03J					6			0.02 U	
4/27/1993	XX	SWXX1X049					5			0.02 U	
7/21/1993	XX	SWXX1X051					5			0.02 U	
10/12/1993	XX	SWXX1X06A					4			0.02	
1/11/1994	XX	SWXX1X076					6			0.02 U	
5/21/1996	XX	SWXX1X09F					3.1			0.02 U	
11/25/1996	XX	SWXX1X0AH					3.9				
3/26/1997	XX	SW-1816-35515					F				
6/4/1997	XX	SW-1817-35585					6.5				
9/11/1997	XX	SW-1818-35684					4.3				
12/8/1997	XX	SW-1819-35772					3.3				
3/25/1998	XX	SW-1820-35879					5.4				
6/9/1998	XX	SW-1821-35955					4.9				
9/10/1998	XX	SW-1822-36048					7.2				
12/15/1998	XX	SW-1823-36144					4.8				
3/30/1999	XX	SW-1824-36249					3.4				
6/9/1999	XX	SW-1825-36320					4.8				
9/15/1999	XX	SW-1826-36418					5.7				
12/2/1999	XX	SW-1827-36496					6.9				
3/28/2000	XX	SW-1828-36613					3.5				
6/13/2000	XX	SW-1829-36690					4.8				
9/13/2000	XX	SW-1830-36782					6.3				
6/19/2001	XX	SW-1831-37061					8				
9/11/2001	XX	SW-1832-37145					5.8				
12/12/2001	XX	SW-1833-37237					6.9				
3/14/2002	XX	SW-1834-37329					5.3				
6/18/2002	XX	SW-1835-37425					6.4				
9/19/2002	XX	SW-1836-37518					6.2				
6/26/2003	XX	SW-1N37798					8.9				
9/18/2003	XD	SW-1D37882					12				
9/18/2003	XX	SW-1N37882					12				
5/3/2004	XX	SWXX1X018		2.6			8.1				
7/27/2004	XX	SWXX1X04E		2			4.4				
10/26/2004	XX	SWXX1X069		1.7			4.6				
5/10/2005	XX	SWXX1X12A	0.002 U	0.2 J			6.8				

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(SW-1) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
7/28/2005	XX	SWXX1X15I	0.002 J	2.4			6.4				
9/20/2005	XX	SWXX1X18G	0.004 J	5			5.4				
5/24/2006	XX	SWXX1X1DB	0.003 J	1.4			8.4				
7/26/2006	XX	SWXX1X1G8	0.002 U	0.5			4.1				
7/26/2006	XD	SWDP2X1GE	0.002 U	0.6			4.2				
9/13/2006	XX	SWXX1X1J1	0.002 J	2.7			10.6				
5/15/2007	XX	SWXX1X228	0.002 J	0.5			6.5				
5/15/2007	XD	SWDP2X22E	0.002 U	0.5			7.1				
7/24/2007	XD	SWDP2X26I	0.002 U	0.5			7.5				
7/24/2007	XX	SWXX1X26C	0.002 U	0.6			7.6				
9/11/2007	XX	SWXX1X292	0.003 J	1			6.2				
5/21/2008	XX	SWXX1X2CG	0.003 U	0.6			6.7				
5/21/2008	XD	SWDP2X2D2	0.003 U	0.6			6.8				
7/29/2008	XX	SWXX1X2G0	I	I			I				
10/28/2008	XX	SWXX1X2IA	0.002 U	0.4			3.8				
4/14/2009	XX	SWXX1X31I	0.002 U	0.8			7.1				
7/7/2009	XX	SWXX1X362	0.002 U	0.1 J			5.3				
10/27/2009	XX	SWXX1X3DH	0.002 U	0.2 J			3.6				
4/28/2010	XX	SWXX1X3IG	0.002 U	0.5			5.3				
7/20/2010	XX	SWXX1X420	0.01	2.9			8.4				
10/19/2010	XX	SWXX1X454	0.002 U	0.2 J			5.4				
SW-2											
11/13/1990	XX	SW-233190					2			0.02 U	
2/20/1991	XX	SW-233289					4.1			0.02 U	
2/20/1991	XD	SW-2XD33289					3.7			0.02 U	
6/4/1991	XX	SW-233393					3			0.02 U	
9/17/1991	XX	SW-233498					1 U			0.02 U	
12/18/1991	XX	SWXX2X00C					2.4			0.02 U	
3/2/1992	XD	SWXX2XHA0					4			0.02 U	
3/2/1992	XX	SWXX2X01A					5			0.02 U	
6/23/1992	XX	SWXX2X025					5			0.02 U	
8/17/1992	XX	SWXX2X034					5			0.05	
1/26/1993	XX	SWXX2X040					6			0.02 U	
1/27/1993	XD	SWXX2XHA5					6			0.02 U	
4/27/1993	XX	SWXX2X04A					5			0.03	
7/21/1993	XX	SWXX2X052					5			0.02 U	
10/13/1993	XX	SWXX2X06B					4			0.02 U	
1/11/1994	XX	SWXX2X077					8			0.02 U	
5/21/1996	XX	SWXX2X09G					2.3			0.02 U	
11/25/1996	XX	SWXX2X0AI					3.8				
11/25/1996	XD	SWDP2X0AG					3.8				
3/26/1997	XX	SW-2818-35515					5.7				
6/4/1997	XX	SW-2819-35585					7.4				
9/11/1997	XX	SW-2820-35684					4.1				
12/8/1997	XX	SW-2821-35772					3.7				
3/25/1998	XX	SW-2822-35879					5.3				
6/9/1998	XX	SW-2823-35955					6.5				
9/10/1998	XX	SW-2824-36048					8.3				
12/15/1998	XX	SW-2825-36144					4.6				

SUMMARY REPORT
Metal (part 2 of 2)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-2)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
3/30/1999	XX	SW-2826-36249					3.5				
6/9/1999	XX	SW-2827-36320					5.4				
9/15/1999	XX	SW-2828-36418					5.7				
12/2/1999	XX	SW-2829-36496					5				
3/28/2000	XX	SW-2830-36613					3.2				
6/13/2000	XX	SW-2831-36690					5.7				
9/13/2000	XX	SW-2832-36782					5.4				
12/12/2000	XX	SW-2833-36872					1.7				
6/19/2001	XX	SW-2834-37061					5.6				
9/11/2001	XX	SW-2835-37145					5.8				
12/12/2001	XX	SW-2836-37237					4.4				
3/14/2002	XX	SW-2837-37329					6				
6/18/2002	XX	SW-2838-37425					6.2				
9/19/2002	XX	SW-2839-37518					7.6				
12/10/2002	XX	SW-2840-37600					7.6				
3/26/2003	XX	SW-2N37706					14				
6/26/2003	XX	SW-2N37798					8.9				
9/18/2003	XX	SW-2N37882					14				
5/3/2004	XX	SWXX2X019		0.9			7.3				
7/27/2004	XD	SWDP2X050		0.7			4.9				
7/27/2004	XX	SWXX2X04F		0.5			4.9				
10/26/2004	XX	SWXX2X06A		0.4			6.1				
5/10/2005	XD	SWDP2X12G	0.002 U	0.3			7.6				
5/10/2005	XX	SWXX2X12B	0.002 U	0.3			7.5				
7/28/2005	XX	SWXX2X15J	0.002 U	0.6			4.2				
9/20/2005	XX	SWXX2X18H	0.002 U	0.3			4.6				
5/24/2006	XX	SWXX2X1DC	0.002 U	0.3			7.1				
5/24/2006	XD	SWDP2X1DH	0.002 U	0.4			7.2				
7/26/2006	XX	SWXX2X1G9	0.002 U	0.5			3.9				
9/13/2006	XD	SWDP2X1J7	0.002 U	0.4			5				
9/13/2006	XX	SWXX2X1J2	0.002 J	0.3			4.9				
5/15/2007	XX	SWXX2X229	0.003 J	0.3			6.4				
7/24/2007	XX	SWXX2X26D	0.002 U	0.6			6.9				
9/11/2007	XD	SWDP2X298	0.002 U	1.4			5.3				
9/11/2007	XX	SWXX2X293	0.002 U	1.4			5.3				
5/21/2008	XX	SWXX2X2CH	0.003 U	0.8			7				
7/29/2008	XX	SWXX2X2G1	0.002 U	0.6			5.5				
10/28/2008	XD	SWDP2X2IG	0.002 U	0.4			3.4				
10/28/2008	XX	SWXX2X2IB	0.002 U	0.3			3.3				
4/14/2009	XX	SWXX2X31J	0.002 U	0.6			5.7				
7/7/2009	XD	SWDP2X368	0.002 U	0.1 J			4.8				
7/7/2009	XX	SWXX2X363	0.002 U	0.1 U			5.2				
10/27/2009	XX	SWXX2X3DI	0.006	0.3			3.5				
4/28/2010	XX	SWXX2X3IH	0.002 U	0.5			5.3				
4/28/2010	XD	SWDP2X3J2	0.002 U	0.5			5.4				
7/20/2010	XD	SWDP2X426	0.002 U	0.5			4.1				
7/20/2010	XX	SWXX2X421	0.002 U	0.6			4.1				
10/19/2010	XD	SWDP2X45A	0.002 U	0.1 J			5.5				
10/19/2010	XX	SWXX2X455	0.002 U	0.1 J			5.6				

SEVEE & MAHER ENGINEERS, INC.
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(SW-3)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
SW-3											
5/26/1994	XX	SWXX3X078					4			0.02 U	
8/8/1994	XX	SWXX3X07G					3			0.02 U	
11/15/1994	XX	SWXX3X080					3			0.02 U	
2/7/1995	XX	SWXX3X084					4			0.02 U	
5/24/1995	XX	SWXX3X088					4			0.02 U	
8/16/1995	XX	SWXX3X08C					4			0.02 U	
11/30/1995	XX	SWXX3X08G					3.5			0.025 U	
2/27/1996	XX	SWXX3X090					5.1			0.025 U	
5/21/1996	XX	SWXX3X0A0					3.1			0.02 U	
11/25/1996	XX	SWXX3X0AJ					3.5				
3/26/1997	XX	SW-3819-35515					F				
6/4/1997	XX	SW-3820-35585					5.6				
9/11/1997	XX	SW-3821-35684					4				
12/8/1997	XX	SW-3822-35772					4.4				
3/26/1998	XX	SW-3823-35880					5				
6/9/1998	XX	SW-3824-35955					4.4				
9/10/1998	XX	SW-3825-36048					6.9				
12/15/1998	XX	SW-3826-36144					4.7				
3/30/1999	XX	SW-3827-36249					2.5				
6/9/1999	XX	SW-3828-36320					4.6				
9/15/1999	XX	SW-3829-36418					4.8				
12/2/1999	XX	SW-3830-36496					3.7				
3/28/2000	XX	SW-3831-36613					7.9				
6/13/2000	XX	SW-3832-[illegible]0					3.9				
9/13/2000	XX	SW-3833-36782					5.1				
6/19/2001	XX	SW-3834-37061					4.6				
9/11/2001	XX	SW-3835-37145					5.4				
12/12/2001	XX	SW-3836-37237					5.7				
3/14/2002	XX	SW-3837-37329					5.6				
6/18/2002	XX	SW-3838-37425					5.6				
9/19/2002	XX	SW-3839-37518					7.1				
12/10/2002	XX	SW-3840-37600					9.3				
6/26/2003	XX	SW-3N37798					5.1				
9/18/2003	XX	SW-3N37882					6.2				
5/3/2004	XD	SWDP2X01E		1.1			6.6				
5/3/2004	XX	SWXX3X01A		1.1			6.3				
7/27/2004	XX	SWXX3X04G		0.9			5				
10/26/2004	XX	SWXX3X06B		1.6			3.6				
10/26/2004	XD	SWDP2X06F		1.6			3.6				
5/10/2005	XX	SWXX3X12C	0.002 U	0.4			4.9				
7/28/2005	XD	SWDP2X164	0.002 U	1			5.3				
7/28/2005	XX	SWXX3X160	0.002 U	1			5.2				
9/20/2005	XD	SWDP2X192	0.002 U	1.2			4.3				
9/20/2005	XX	SWXX3X18I	0.002 U	1.4			4				
5/24/2006	XX	SWXX3X1DD	0.002 U	0.8			5.1				
7/26/2006	XX	SWXX3X1GA	0.002 U	0.6			3.2				
9/13/2006	XX	SWXX3X1J3	0.002 U	0.7			4.4				
5/15/2007	XX	SWXX3X22A	0.002 J	0.8			2.9				

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Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
(SW-3)											
7/24/2007	XX	SWXX3X26E	0.002 U	0.7			5				
9/11/2007	XX	SWXX3X294	0.002 U	1.5			5.2				
5/21/2008	XX	SWXX3X2CI	0.003 J	0.6			5.8				
7/29/2008	XX	SWXX3X2G2	0.002 U	0.4			4.8				
10/28/2008	XX	SWXX3X2IC	0.002 U	0.5			3.8				
4/14/2009	XX	SWXX3X320	0.002 U	0.5			6.3				
7/7/2009	XX	SWXX3X364	0.002 U	0.2 J			3.9				
10/27/2009	XX	SWXX3X3DJ	0.002 U	0.4			2.9				
4/28/2010	XX	SWXX3X3II	0.002 U	0.5			4.9				
7/20/2010	XX	SWXX3X422	0.002 U	0.4			3.6				
10/19/2010	XX	SWXX3X456	0.002 U	0.4			4.4				
SW-4											
11/25/1996	XX	SWXX4X0B2					5.2				
3/26/1997	XX	SW-4820-35515					4.9				
6/3/1997	XX	SW-4821-35584					6.7				
9/11/1997	XX	SW-4822-35684					7.5				
12/8/1997	XX	SW-4823-35772					5.5				
3/25/1998	XX	SW-4824-35879					5.7				
6/9/1998	XX	SW-4825-35955					5.4				
9/10/1998	XX	SW-4826-36048					6.5				
12/15/1998	XX	SW-4827-36144					6.7				
3/30/1999	XX	SW-4828-36249					5.3				
6/9/1999	XX	SW-4829-36320					6.4				
9/14/1999	XX	SW-4830-36417					9.7				
12/2/1999	XX	SW-4831-36496					7				
3/28/2000	XX	SW-4832-36613					5.9				
6/13/2000	XX	SW-4833-36690					6.3				
9/13/2000	XX	SW-4834-36782					5.9				
12/12/2000	XX	SW-4835-36872					5.7				
3/14/2001	XX	SW-4836-36964					5.7				
6/19/2001	XX	SW-4837-37061					4.9				
9/11/2001	XX	SW-4838-37145					6				
12/12/2001	XX	SW-4839-37237					6.2				
3/14/2002	XX	SW-4840-37329					5				
6/18/2002	XX	SW-4841-37425					5.1				
9/19/2002	XX	SW-4842-37518					5				
12/10/2002	XX	SW-4843-37600					5				
3/26/2003	XX	SW-4N37706					8.7				
3/26/2003	XD	SW-4D37706					25				
6/26/2003	XX	SW-4N37798					5.4				
9/18/2003	XX	SW-4N37882					5.3				
5/4/2004	XX	SWXX4X01G		1.7			5.7				
PWS-1											
4/26/2010	XX	GWPWS13IJ	0.034	1.9			7.6				
7/19/2010	XX	GWPWS1423	0.02	2.8			9.6				
10/18/2010	XX	GWPWS1457	0.002 U	1.5			9.1				
PWS-2											
4/26/2010	XX	GWPWS23J0	0.002 U	0.5			3.7				

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(PWS-2) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L	Tin mg/L
7/19/2010	XX	GWPWS2424	0.002 U	0.4			4.5				
10/18/2010	XX	GWPWS2458	0.002 U	0.6			3.9				
PWS-3											
4/26/2010	XX	GWPWS33J1	0.002 U	0.7			3.8				
7/19/2010	XX	GWPWS3425	0.002 U	0.9			4.2				
10/18/2010	XX	GWPWS3459	0.002 U	0.3			5.8				

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- D - The sampling location was dry.
- DE - Decommissioned Location
- F - The sampling location was frozen.
- F6 - No flow. Sample not taken.
- H2 - Waterlevel higher than pipes. See LF-COMP for readings
- I - The sampling location yielded insufficient quantity to collect a sample.
- J - Analyte was positively identified/Associated value is an estimate below reporting limit.
- U - Not Detected above the reported sample detection limit.

SUMMARY REPORT

VOA (part 1 of 4)

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(DP-4) Date	Type	Sample ID	Dibromomethane ug/L	Dibromochloromethane ug/L	Chloromethane ug/L	Chloroform ug/L	Chloroethane ug/L	Chlorobenzene ug/L	Carbon Tetrachloride ug/L	Bromomethane ug/L	Bromoform ug/L	Bromodichloromethane ug/L	Bromochloromethane ug/L	Benzene ug/L	1,2-Dichlorobenzene ug/L	1,2-Dibromoethane ug/L	1,2-Dibromo-3-Chloropropane ug/L
DP-4																	
7/26/2004	XX	GWXXXX041	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	GWXXXX1A4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1EJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GWXXXX23G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/19/2008	XX	GWXXXX2E4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GWXXXX336	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	GWXXXX404	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-1																	
7/28/2004	XX	LFUD1X05E	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LFUD1X19D	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LFUD1X1E8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LFUD1X235	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD1X2DD	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFUD1X32F	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFUD1X3JD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-2																	
7/28/2004	XX	LFUD2X05F	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LFUD2X19E	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LFUD2X1E9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LFUD2X236	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD2X2DE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFUD2X32G	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFUD2X3JE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-3A																	
5/16/2007	XX	LFUD3X246	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD3X2EE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFXXXX33F	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40C	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-3B																	
4/15/2009	XX	LFXXXX349	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/27/2010	XX	LFXXXX40D	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-4																	
4/15/2009	XX	LFXXXX34A	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40E	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-5																	
4/27/2010	XX	LFXXXX40F	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LP-LD-1																	
7/28/2004	XX	LPLD1X05I	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LPLD1X19H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LPLD1X1EC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LPLD1X239	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LPLD1X2DH	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LPLD1X32J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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(LP-UD-1) Date	Type	Sample ID	Dibromomethane ug/L	Dibromochloromethane ug/L	Chloromethane ug/L	Chloroform ug/L	Chloroethane ug/L	Chlorobenzene ug/L	Carbon Tetrachloride ug/L	Bromomethane ug/L	Bromoform ug/L	Bromodichloromethane ug/L	Bromochloromethane ug/L	Benzene ug/L	1,2-Dichlorobenzene ug/L	1,2-Dibromoethane ug/L	1,2-Dibromo-3-Chloropropane ug/L
LP-UD-1																	
7/28/2004	XX	LPUD1X05G	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9/21/2005	XX	LPUD1X19F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5/24/2006	XX	LPUD1X1EA	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5/16/2007	XX	LPUD1X237	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
5/20/2008	XX	LPUD1X2DF	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/15/2009	XX	LPUD1X32H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/27/2010	XX	LPUD1X3JF	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LP-UD-2																	
7/28/2004	XX	LPUD2X05H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LPUD2X19G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LPUD2X1EB	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LPUD2X238	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LPUD2X2DG	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LPUD2X32I	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LPUD2X3JG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	28 U	50 U	50 U
7/7/2009	XX	LTC4LX369	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
10/28/2009	XX	LTC4LX3E4	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4/28/2010	XX	LTC4LX3J3	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	2.5 U	4.4 J	2.5 U	2.5 U	2.5 U
7/20/2010	XX	LTC4LX427	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	2.5 U	2.5 U	2.5 U	4.6 J	2.5 U	2.5 U	2.5 U
10/19/2010	XX	LTC4LX45B	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.72 J	0.5 U	0.5 U	5	0.5 U	0.5 U	0.5 U
MW-204																	
5/4/2004	XX	GW204X008	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/27/2004	XX	GW204X03G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	GW204X1A0	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	GW204X1EF	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GW204X23C	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	GW204X2E0	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GW204X332	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/28/2010	XX	GW204X400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-401B																	
7/29/2004	XD	GWDP4X05D	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/29/2004	XX	GW401B05A	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/27/2004	XX	GW401B072	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	GW401B199	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XD	GWDP4X19C	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	GW401B1E4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XD	GWDP4X1E7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GW401B231	2 U	2 U	2 U	2 U	2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XD	GWDP4X234	2 U	2 U	2 U	2 U	3	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	GW401B2D9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XD	GWDP4X2DC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XD	GWDP4X32E	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/13/2009	XX	GW401B32B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

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(MW-401B)			Dibromomethane	Dibromochloromethane	Chloromethane	Chloroform	Chloroethane	Chlorobenzene	Carbon Tetrachloride	Bromomethane	Bromoform	Bromodichloromethane	Bromochloromethane	Benzene	1,2-Dichlorobenzene	1,2-Dibromoethane	1,2-Dibromo-3-Chloropropane
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
4/27/2010	XX	GW401B3J9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/27/2010	XD	GWDP4X3JC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-04-02																	
7/26/2004	XX	GWXXXX042	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/22/2005	XX	GWXXXX1A5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1F0	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GWXXXX23H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	GWXXXX2E5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GWXXXX337	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	GWXXXX405	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-04-04																	
7/26/2004	XX	GWXXXX043	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1F1	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
SW-LCH																	
5/4/2004	XX	SWLCHX01F	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/28/2004	XX	SWLCHX051	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/11/2005	XX	SWLCHX12H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/27/2005	XX	SWLCHX165	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	SWLCHX193	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	SWLCHX1DI	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U
7/25/2006	XX	SWLCHX1GF	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
9/13/2006	XX	SWLCHX1J8	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
7/24/2007	XX	SWLCHX26J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
9/11/2007	XX	SWLCHX299	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	SWLCHX2D3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U
7/29/2008	XX	SWLCHX2G7	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
10/29/2008	XX	SWLCHX2IH	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.8	2 U	2 U	2 U
QCBT																	
5/4/2004	XX	BTXXXX00H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
6/9/2004	XX	BTXXXX035	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/26/2004	XX	BTXXXX046	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/27/2004	XX	BTXXXX060	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1/17/2005	XX	BTXXXX111	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3/9/2005	XX	BTXXXX11E	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
3/21/2005	XX	BTXXXX142	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/11/2005	XX	BTXXXX121	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/25/2005	XX	BTXXXX17G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/27/2005	XX	BTXXXX187	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	BTXXXX1A7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	BTXXXX1AI	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/22/2005	XX	BTXXXX1AJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
4/19/2006	XX	BTXXXX1FE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	BTXXXX1F2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	BTXXXX1FD	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	BTXXXX1ID	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/25/2006	XX	BTXXXX1HJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

SUMMARY REPORT

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SEVEE & MAHER ENGINEERS, INC.
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(QCBT)			Dibromomethane	Dibromochloromethane	Chloromethane	Chloroform	Chloroethane	Chlorobenzene	Carbon Tetrachloride	Bromomethane	Bromoform	Bromodichloromethane	Bromochloromethane	Benzene	1,2-Dichlorobenzene	1,2-Dibromoethane	1,2-Dibromo-3-Chloropropane
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
9/13/2006	XX	BTXXXX20C	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	BTXXXX23J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/15/2007	XX	BTXXXX244	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	BTXXXX245	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/24/2007	XX	BTXXXX283	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
9/11/2007	XX	BTXXXX2AD	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/19/2008	XX	BTXXXX2EC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	BTXXXX2ED	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
7/29/2008	XX	BTXXXX2HB	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
10/29/2008	XX	BTXXXX301	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/13/2009	XX	BTXXXX33D	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/15/2009	XX	BTXXXX33E	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
7/7/2009	XX	BTXXXX37H	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
10/28/2009	XX	BTXXXX3AJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	BTXXXX40A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/27/2010	XX	BTXXXX40B	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/28/2010	XX	BTXXXXHG1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/20/2010	XX	BTXXXX43F	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/19/2010	XX	BTXXXX46I	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

D - The sampling location was dry.
F6 - No flow. Sample not taken.
J - Analyte was positively identified/Associated value is an estimate below reporting limit.
U - Not Detected above the reported sample detection limit.

SUMMARY REPORT

VOA (part 2 of 4)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
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(DP-4) Date	Type	Sample ID	trans-1,3-Dichloropropene ug/L	trans-1,2-Dichloroethene ug/L	Styrene ug/L	Methylene Chloride ug/L	Methyl Ethyl Ketone ug/L	Ethylbenzene ug/L	cis-1,3-Dichloropropene ug/L	cis-1,2-Dichloroethene ug/L	Carbon Disulfide ug/L	Acetone ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichloropropane ug/L	1,2-Dichloroethane ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L
DP-4																	
7/26/2004	XX	GWXXXX041	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	GWXXXX1A4	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1EJ	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GWXXXX23G	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/19/2008	XX	GWXXXX2E4	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GWXXXX336	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	GWXXXX404	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-1																	
7/28/2004	XX	LFUD1X05E	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LFUD1X19D	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LFUD1X1E8	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LFUD1X235	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD1X2DD	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFUD1X32F	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFUD1X3JD	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-2																	
7/28/2004	XX	LFUD2X05F	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LFUD2X19E	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LFUD2X1E9	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LFUD2X236	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD2X2DE	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFUD2X32G	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFUD2X3JE	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-3A																	
5/16/2007	XX	LFUD3X246	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD3X2EE	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFXXXX33F	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40C	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-3B																	
4/15/2009	XX	LFXXXX349	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/27/2010	XX	LFXXXX40D	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-4																	
4/15/2009	XX	LFXXXX34A	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40E	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-5																	
4/27/2010	XX	LFXXXX40F	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LP-LD-1																	
7/28/2004	XX	LPLD1X05I	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LPLD1X19H	2 U	2 U	2 U	5 U	16	2 U	2 U	2 U	2 U	15	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LPLD1X1EC	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LPLD1X239	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LPLD1X2DH	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LPLD1X32J	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U

SUMMARY REPORT

VOA (part 2 of 4)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LP-UD-1) Date	Type	Sample ID	trans-1,3-Dichloropropene ug/L	trans-1,2-Dichloroethene ug/L	Styrene ug/L	Methylene Chloride ug/L	Methyl Ethyl Ketone ug/L	Ethylbenzene ug/L	cis-1,3-Dichloropropene ug/L	cis-1,2-Dichloroethene ug/L	Carbon Disulfide ug/L	Acetone ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichloropropane ug/L	1,2-Dichloroethane ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L
LP-UD-1																	
7/28/2004	XX	LPUD1X05G	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9/21/2005	XX	LPUD1X19F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5/24/2006	XX	LPUD1X1EA	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5/16/2007	XX	LPUD1X237	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
5/20/2008	XX	LPUD1X2DF	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/15/2009	XX	LPUD1X32H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/27/2010	XX	LPUD1X3JF	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LP-UD-2																	
7/28/2004	XX	LPUD2X05H	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LPUD2X19G	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LPUD2X1EB	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LPUD2X238	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LPUD2X2DG	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LPUD2X32I	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LPUD2X3JG	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	50 U	50 U	50 U	250 U	11700	50 U	50 U	50 U	50 U	3880	28 U	50 U	50 U	50 U	50 U
7/7/2009	XX	LTC4LX369	25 U	25 U	25 U	125 U	9080	25 U	25 U	25 U	25 U	4020	25 U	25 U	25 U	25 U	25 U
10/28/2009	XX	LTC4LX3E4	10 U	10 U	10 U	50 U	2570	10 U	10 U	10 U	10 U	764	10 U	10 U	10 U	10 U	10 U
4/28/2010	XX	LTC4LX3J3	2.5 U	2.5 U	2.5 U	25 U	1360	5.9	2.5 U	2.5 U	2.5 U	444	2.5 U	2.5 U	3.8 J	2.5 U	2.5 U
7/20/2010	XX	LTC4LX427	2.5 U	2.5 U	2.5 U	25 U	25 U	5.5	2.5 U	2.5 U	2.5 U	365	2.5 U	2.5 U	5.8	2.5 U	2.5 U
10/19/2010	XX	LTC4LX45B	0.5 U	0.5 U	1.4 J	5 U	604	7.9	0.5 U	1.1 J	0.5 U	475	1.3	0.81 J	0.5 U	0.5 U	0.5 U
MW-204																	
5/4/2004	XX	GW204X008	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/27/2004	XX	GW204X03G	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	GW204X1A0	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	GW204X1EF	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GW204X23C	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	GW204X2E0	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GW204X332	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/28/2010	XX	GW204X400	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-401B																	
7/29/2004	XD	GWDP4X05D	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/29/2004	XX	GW401B05A	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
10/27/2004	XX	GW401B072	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	GW401B199	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XD	GWDP4X19C	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	GW401B1E4	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XD	GWDP4X1E7	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GW401B231	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XD	GWDP4X234	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	GW401B2D9	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XD	GWDP4X2DC	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XD	GWDP4X32E	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/13/2009	XX	GW401B32B	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-401B) Date	Type	Sample ID	trans-1,3-Dichloropropene ug/L	trans-1,2-Dichloroethene ug/L	Styrene ug/L	Methylene Chloride ug/L	Methyl Ethyl Ketone ug/L	Ethylbenzene ug/L	cis-1,3-Dichloropropene ug/L	cis-1,2-Dichloroethene ug/L	Carbon Disulfide ug/L	Acetone ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichloropropane ug/L	1,2-Dichloroethane ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L
4/27/2010	XX	GW401B3J9	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/27/2010	XD	GWDP4X3JC	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-04-02																	
7/26/2004	XX	GWXXXX042	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/22/2005	XX	GWXXXX1A5	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1F0	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GWXXXX23H	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	GWXXXX2E5	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GWXXXX337	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	GWXXXX405	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-04-04																	
7/26/2004	XX	GWXXXX043	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1F1	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
SW-LCH																	
5/4/2004	XX	SWLCHX01F	2 U	2 U	2 U	5 U	42	2 U	2 U	2 U	1 J	341	2 U	2 U	2 U	2 U	2 U
7/28/2004	XX	SWLCHX051	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2	20	2 U	2 U	2 U	2 U	2 U
5/11/2005	XX	SWLCHX12H	2 U	2 U	2 U	5 U	357	2 U	2 U	2 U	7	340	2 U	2 U	2 U	2 U	2 U
7/27/2005	XX	SWLCHX165	2 U	2 U	2 U	13	1240	2	2 U	2 U	2 U	648	2 U	2 U	1 J	2 U	2 U
9/21/2005	XX	SWLCHX193	2 U	2 U	2 U	5 U	176	2 U	2 U	2 U	1 J	148	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	SWLCHX1DI	20 U	20 U	20 U	50 U	351	20 U	20 U	20 U	20 U	305	10 U	20 U	20 U	20 U	20 U
7/25/2006	XX	SWLCHX1GF	20 U	20 U	20 U	50 U	723	20 U	20 U	20 U	20 U	385	20 U	20 U	20 U	20 U	20 U
9/13/2006	XX	SWLCHX1J8	10 U	10 U	10 U	25 U	156	10 U	10 U	10 U	10 U	142	10 U	10 U	10 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	20 U	20 U	20 U	50 U	2570	20 U	20 U	20 U	20 U	1060	20 U	20 U	20 U	20 U	20 U
7/24/2007	XX	SWLCHX26J	10 U	10 U	10 U	25 U	2120	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U
9/11/2007	XX	SWLCHX299	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	SWLCHX2D3	20 U	20 U	20 U	50 U	557	20 U	20 U	20 U	20 U	230	10 U	20 U	20 U	20 U	20 U
7/29/2008	XX	SWLCHX2G7	20 U	20 U	20 U	50 U	242	20 U	20 U	20 U	20 U	124	20 U	20 U	20 U	20 U	20 U
10/29/2008	XX	SWLCHX2IH	2 U	2 U	2 U	10 U	294	2 U	2 U	2 U	2 U	193	2 U	2 U	2 U	2 U	2 U
QCBT																	
5/4/2004	XX	BTXXXX00H	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
6/9/2004	XX	BTXXXX035	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/26/2004	XX	BTXXXX046	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
10/27/2004	XX	BTXXXX060	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
1/17/2005	XX	BTXXXX111	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
3/9/2005	XX	BTXXXX11E	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
3/21/2005	XX	BTXXXX142	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/11/2005	XX	BTXXXX121	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/25/2005	XX	BTXXXX17G	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/27/2005	XX	BTXXXX187	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	BTXXXX1A7	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	BTXXXX1AI	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/22/2005	XX	BTXXXX1AJ	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
4/19/2006	XX	BTXXXX1FE	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	BTXXXX1F2	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	BTXXXX1FD	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	BTXXXX1ID	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/25/2006	XX	BTXXXX1HJ	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U

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FOR: Juniper Ridge Landfill

SUMMARY REPORT

VOA (part 2 of 4)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)

Date	Type	Sample ID	trans-1,3-Dichloropropene ug/L	trans-1,2-Dichloroethene ug/L	Styrene ug/L	Methylene Chloride ug/L	Methyl Ethyl Ketone ug/L	Ethylbenzene ug/L	cis-1,3-Dichloropropene ug/L	cis-1,2-Dichloroethene ug/L	Carbon Disulfide ug/L	Acetone ug/L	1,4-Dichlorobenzene ug/L	1,2-Dichloropropane ug/L	1,2-Dichloroethane ug/L	1,1-Dichloroethene ug/L	1,1-Dichloroethane ug/L
9/13/2006	XX	BTXXXX20C	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	BTXXXX23J	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/15/2007	XX	BTXXXX244	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	BTXXXX245	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/24/2007	XX	BTXXXX283	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
9/11/2007	XX	BTXXXX2AD	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/19/2008	XX	BTXXXX2EC	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	BTXXXX2ED	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
7/29/2008	XX	BTXXXX2HB	2 U	2 U	2 U	5 U	10 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U
10/29/2008	XX	BTXXXX301	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/13/2009	XX	BTXXXX33D	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/15/2009	XX	BTXXXX33E	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
7/7/2009	XX	BTXXXX37H	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
10/28/2009	XX	BTXXXX3AJ	1 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	BTXXXX40A	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/27/2010	XX	BTXXXX40B	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/28/2010	XX	BTXXXXHG1	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/20/2010	XX	BTXXXX43F	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/19/2010	XX	BTXXXX46I	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	10 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

D - The sampling location was dry.
F6 - No flow. Sample not taken.
J - Analyte was positively identified/Associated value is an estimate below reporting limit.
U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 11/19/2010 12:53

FOR: Juniper Ridge Landfill

SUMMARY REPORT

VOA (part 3 of 4)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DP-4)			Vinyl Chloride	Trichlorofluoromethane	Trichloroethene	Toluene	Tetrachloroethene	o-Xylene	m,p-Xylene	Acrylonitrile	4-Methyl-2-Pentanone	2-Hexanone	1,2,3-Trichloropropane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
DP-4																	
7/26/2004	XX	GWXXXX041	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	GWXXXX1A4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1EJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GWXXXX23G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/19/2008	XX	GWXXXX2E4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GWXXXX336	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	GWXXXX404	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-1																	
7/28/2004	XX	LFUD1X05E	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LFUD1X19D	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LFUD1X1E8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LFUD1X235	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD1X2DD	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFUD1X32F	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFUD1X3JD	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-2																	
7/28/2004	XX	LFUD2X05F	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LFUD2X19E	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LFUD2X1E9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LFUD2X236	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD2X2DE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFUD2X32G	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFUD2X3JE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-3A																	
5/16/2007	XX	LFUD3X246	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LFUD3X2EE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LFXXXX33F	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40C	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LF-UD-3B																	
4/15/2009	XX	LFXXXX349	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/27/2010	XX	LFXXXX40D	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-4																	
4/15/2009	XX	LFXXXX34A	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40E	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-5																	
4/27/2010	XX	LFXXXX40F	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LP-LD-1																	
7/28/2004	XX	LPLD1X05I	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LPLD1X19H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LPLD1X1EC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LPLD1X239	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LPLD1X2DH	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LPLD1X32J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U

SEVEE & MAHER ENGINEERS, INC.
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CUMBERLAND CENTER, ME 04021

(LP-UD-1)			Vinyl Chloride	Trichlorofluoromethane	Trichloroethene	Toluene	Tetrachloroethene	o-Xylene	m,p-Xylene	Acrylonitrile	4-Methyl-2-Pentanone	2-Hexanone	1,2,3-Trichloropropane	1,1,2-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,1,2-Tetrachloroethane
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
LP-UD-1																	
7/28/2004	XX	LPUD1X05G	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
9/21/2005	XX	LPUD1X19F	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5/24/2006	XX	LPUD1X1EA	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
5/16/2007	XX	LPUD1X237	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
5/20/2008	XX	LPUD1X2DF	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/15/2009	XX	LPUD1X32H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/27/2010	XX	LPUD1X3JF	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LP-UD-2																	
7/28/2004	XX	LPUD2X05H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	LPUD2X19G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	LPUD2X1EB	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	LPUD2X238	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	LPUD2X2DG	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/15/2009	XX	LPUD2X32I	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/27/2010	XX	LPUD2X3JG	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	500 U	50 U	50 U	50 U	50 U	50 U
7/7/2009	XX	LTC4LX369	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	289	250 U	25 U	25 U	25 U	25 U	25 U
10/28/2009	XX	LTC4LX3E4	10 U	10 U	10 U	13	10 U	10 U	10 U	10 U	100 U	100 U	10 U	10 U	10 U	10 U	10 U
4/28/2010	XX	LTC4LX3J3	2.5 U	2.5 U	2.5 U	15	2.5 U	3.1 J	7.2	2.5 U	25 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
7/20/2010	XX	LTC4LX427	2.5 U	2.5 U	2.5 U	15	2.5 U	3.7 J	8.5	2.5 U	25 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
10/19/2010	XX	LTC4LX45B	0.75 J	0.5 U	0.5 U	18	0.5 U	5.3	12	0.5 U	38	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-204																	
5/4/2004	XX	GW204X008	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/27/2004	XX	GW204X03G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	GW204X1A0	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	GW204X1EF	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GW204X23C	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	GW204X2E0	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GW204X332	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/28/2010	XX	GW204X400	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
MW-401B																	
7/29/2004	XD	GWDP4X05D	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/29/2004	XX	GW401B05A	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
10/27/2004	XX	GW401B072	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	GW401B199	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XD	GWDP4X19C	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	GW401B1E4	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XD	GWDP4X1E7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GW401B231	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XD	GWDP4X234	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XX	GW401B2D9	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/20/2008	XD	GWDP4X2DC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XD	GWDP4X32E	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/13/2009	XX	GW401B32B	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U

SEVEE & MAHER ENGINEERS, INC.
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(MW-401B) Date	Type	Sample ID	Vinyl Chloride ug/L	Trichlorofluoromethane ug/L	Trichloroethene ug/L	Toluene ug/L	Tetrachloroethene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	Acrylonitrile ug/L	4-Methyl-2-Pentanone ug/L	2-Hexanone ug/L	1,2,3-Trichloropropane ug/L	1,1,2-Trichloroethane ug/L	1,1,2,2-Tetrachloroethane ug/L	1,1,1-Trichloroethane ug/L	1,1,1,2-Tetrachloroethane ug/L
4/27/2010	XX	GW401B3J9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/27/2010	XD	GWDP4X3JC	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-04-02																	
7/26/2004	XX	GWXXXX042	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/22/2005	XX	GWXXXX1A5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1F0	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	GWXXXX23H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	GWXXXX2E5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/13/2009	XX	GWXXXX337	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	GWXXXX405	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
P-04-04																	
7/26/2004	XX	GWXXXX043	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	GWXXXX1F1	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
SW-LCH																	
5/4/2004	XX	SWLCHX01F	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/28/2004	XX	SWLCHX051	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/11/2005	XX	SWLCHX12H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/27/2005	XX	SWLCHX165	2 U	2 U	2 U	9	2 U	1 J	3	2 U	16	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	SWLCHX193	2 U	2 U	2 U	1 J	2 U	2 U	2 U	2 U	8 J	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	SWLCHX1DI	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U	20 U	20 U	20 U
7/25/2006	XX	SWLCHX1GF	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U	20 U	20 U	20 U
9/13/2006	XX	SWLCHX1J8	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U	20 U	20 U	20 U
7/24/2007	XX	SWLCHX26J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U
9/11/2007	XX	SWLCHX299	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	SWLCHX2D3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U	20 U	20 U	20 U
7/29/2008	XX	SWLCHX2G7	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	100 U	100 U	20 U	20 U	20 U	20 U	20 U
10/29/2008	XX	SWLCHX2IH	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	20 U	20 U	2 U	2 U	2 U	2 U	2 U
QCBT																	
5/4/2004	XX	BTXXXX00H	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
6/9/2004	XX	BTXXXX035	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/26/2004	XX	BTXXXX046	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
10/27/2004	XX	BTXXXX060	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
1/17/2005	XX	BTXXXX111	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
3/9/2005	XX	BTXXXX11E	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
3/21/2005	XX	BTXXXX142	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/11/2005	XX	BTXXXX121	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/25/2005	XX	BTXXXX17G	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/27/2005	XX	BTXXXX187	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/20/2005	XX	BTXXXX1A7	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/21/2005	XX	BTXXXX1AI	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/22/2005	XX	BTXXXX1AJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
4/19/2006	XX	BTXXXX1FE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/22/2006	XX	BTXXXX1F2	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/23/2006	XX	BTXXXX1FD	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/24/2006	XX	BTXXXX1ID	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/25/2006	XX	BTXXXX1HJ	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U

SUMMARY REPORT

VOA (part 3 of 4)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)

Date	Type	Sample ID	Vinyl Chloride ug/L	Trichlorofluoromethane ug/L	Trichloroethene ug/L	Toluene ug/L	Tetrachloroethene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	Acrylonitrile ug/L	4-Methyl-2-Pentanone ug/L	2-Hexanone ug/L	1,2,3-Trichloropropane ug/L	1,1,2-Trichloroethane ug/L	1,1,2,2-Tetrachloroethane ug/L	1,1,1-Trichloroethane ug/L	1,1,1,2-Tetrachloroethane ug/L
9/13/2006	XX	BTXXXX20C	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/14/2007	XX	BTXXXX23J	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/15/2007	XX	BTXXXX244	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/16/2007	XX	BTXXXX245	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/24/2007	XX	BTXXXX283	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
9/11/2007	XX	BTXXXX2AD	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/19/2008	XX	BTXXXX2EC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
5/21/2008	XX	BTXXXX2ED	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
7/29/2008	XX	BTXXXX2HB	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U
10/29/2008	XX	BTXXXX301	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/13/2009	XX	BTXXXX33D	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/15/2009	XX	BTXXXX33E	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
7/7/2009	XX	BTXXXX37H	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
10/28/2009	XX	BTXXXX3AJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	10 U	1 U	1 U	1 U	1 U	1 U
4/26/2010	XX	BTXXXX40A	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/27/2010	XX	BTXXXX40B	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
4/28/2010	XX	BTXXXXHG1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
7/20/2010	XX	BTXXXX43F	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
10/19/2010	XX	BTXXXX46I	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

D - The sampling location was dry.
F6 - No flow. Sample not taken.
J - Analyte was positively identified/Associated value is an estimate below reporting limit.
U - Not Detected above the reported sample detection limit.

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(DP-4) Date	Type	Sample ID	Vinyl Acetate ug/L	trans-1,4-Dichloro-2-butene ug/L	Iodomethane ug/L
DP-4					
7/26/2004	XX	GWXXXX041	15 U	2 U	2 U
9/20/2005	XX	GWXXXX1A4	15 U	2 U	2 U
5/22/2006	XX	GWXXXX1EJ	15 U	2 U	2 U
5/14/2007	XX	GWXXXX23G	15 U	2 U	2 U
5/19/2008	XX	GWXXXX2E4	15 U	2 U	2 U
4/13/2009	XX	GWXXXX336	1 U	1 U	1 U
4/26/2010	XX	GWXXXX404	0.5 U	0.5 U	0.5 U
LF-UD-1					
7/28/2004	XX	LFUD1X05E	15 U	2 U	2 U
9/21/2005	XX	LFUD1X19D	15 U	2 U	2 U
5/24/2006	XX	LFUD1X1E8	15 U	2 U	2 U
5/16/2007	XX	LFUD1X235	15 U	2 U	2 U
5/20/2008	XX	LFUD1X2DD	15 U	2 U	2 U
4/15/2009	XX	LFUD1X32F	1 U	1 U	1 U
4/27/2010	XX	LFUD1X3JD	0.5 U	0.5 U	0.5 U
LF-UD-2					
7/28/2004	XX	LFUD2X05F	15 U	2 U	2 U
9/21/2005	XX	LFUD2X19E	15 U	2 U	2 U
5/24/2006	XX	LFUD2X1E9	15 U	2 U	2 U
5/16/2007	XX	LFUD2X236	15 U	2 U	2 U
5/20/2008	XX	LFUD2X2DE	15 U	2 U	2 U
4/15/2009	XX	LFUD2X32G	1 U	1 U	1 U
4/27/2010	XX	LFUD2X3JE	0.5 U	0.5 U	0.5 U
LF-UD-3A					
5/16/2007	XX	LFUD3X246	15 U	2 U	2 U
5/20/2008	XX	LFUD3X2EE	15 U	2 U	2 U
4/15/2009	XX	LFXXXX33F	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40C	0.5 U	0.5 U	0.5 U
LF-UD-3B					
4/15/2009	XX	LFXXXX349	F6	F6	F6
4/27/2010	XX	LFXXXX40D	F6	F6	F6
LF-UD-4					
4/15/2009	XX	LFXXXX34A	1 U	1 U	1 U
4/27/2010	XX	LFXXXX40E	F6	F6	F6
LF-UD-5					
4/27/2010	XX	LFXXXX40F	0.5 U	0.5 U	0.5 U
LP-LD-1					
7/28/2004	XX	LPLD1X05I	15 U	2 U	2 U
9/21/2005	XX	LPLD1X19H	15 U	2 U	2 U
5/24/2006	XX	LPLD1X1EC	15 U	2 U	2 U
5/16/2007	XX	LPLD1X239	15 U	2 U	2 U
5/20/2008	XX	LPLD1X2DH	15 U	2 U	2 U
4/15/2009	XX	LPLD1X32J	1 U	1 U	1 U

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LP-UD-1)			Vinyl Acetate	trans-1,4-Dichloro-2-butene	Iodomethane
Date	Type	Sample ID	ug/L	ug/L	ug/L
LP-UD-1					
7/28/2004	XX	LPUD1X05G	D	D	D
9/21/2005	XX	LPUD1X19F	D	D	D
5/24/2006	XX	LPUD1X1EA	D	D	D
5/16/2007	XX	LPUD1X237	F6	F6	F6
5/20/2008	XX	LPUD1X2DF	F6	F6	F6
4/15/2009	XX	LPUD1X32H	F6	F6	F6
4/27/2010	XX	LPUD1X3JF	F6	F6	F6
LP-UD-2					
7/28/2004	XX	LPUD2X05H	15 U	2 U	2 U
9/21/2005	XX	LPUD2X19G	15 U	2 U	2 U
5/24/2006	XX	LPUD2X1EB	15 U	2 U	2 U
5/16/2007	XX	LPUD2X238	15 U	2 U	2 U
5/20/2008	XX	LPUD2X2DG	15 U	2 U	2 U
4/15/2009	XX	LPUD2X32I	1 U	1 U	1 U
4/27/2010	XX	LPUD2X3JG	0.5 U	0.5 U	0.5 U
LT-C4L					
4/15/2009	XX	LTC4LX325	50 U	50 U	50 U
7/7/2009	XX	LTC4LX369	25 U	25 U	25 U
10/28/2009	XX	LTC4LX3E4	10 U	10 U	10 U
4/28/2010	XX	LTC4LX3J3	2.5 U	2.5 U	2.5 U
7/20/2010	XX	LTC4LX427	2.5 U	2.5 U	2.5 U
10/19/2010	XX	LTC4LX45B	0.5 U	0.5 U	0.5 U
MW-204					
5/4/2004	XX	GW204X008	15 U	2 U	2 U
7/27/2004	XX	GW204X03G	15 U	2 U	2 U
9/20/2005	XX	GW204X1A0	15 U	2 U	2 U
5/23/2006	XX	GW204X1EF	15 U	2 U	2 U
5/14/2007	XX	GW204X23C	15 U	2 U	2 U
5/21/2008	XX	GW204X2E0	15 U	2 U	2 U
4/13/2009	XX	GW204X332	1 U	1 U	1 U
4/28/2010	XX	GW204X400	0.5 U	0.5 U	0.5 U
MW-401B					
7/29/2004	XD	GWDP4X05D	15 U	2 U	2 U
7/29/2004	XX	GW401B05A	15 U	2 U	2 U
10/27/2004	XX	GW401B072	15 U	2 U	2 U
9/21/2005	XX	GW401B199	15 U	2 U	2 U
9/21/2005	XD	GWDP4X19C	15 U	2 U	2 U
5/23/2006	XX	GW401B1E4	15 U	2 U	2 U
5/23/2006	XD	GWDP4X1E7	15 U	2 U	2 U
5/14/2007	XX	GW401B231	15 U	2 U	2 U
5/14/2007	XD	GWDP4X234	15 U	2 U	2 U
5/20/2008	XX	GW401B2D9	15 U	2 U	2 U
5/20/2008	XD	GWDP4X2DC	15 U	2 U	2 U
4/13/2009	XD	GWDP4X32E	1 U	1 U	1 U
4/13/2009	XX	GW401B32B	1 U	1 U	1 U

SEVEE & MAHER ENGINEERS, INC.
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Date	Type	Sample ID	Vinyl Acetate ug/L	trans-1,4-Dichloro-2-butene ug/L	Iodomethane ug/L
(MW-401B)					
4/27/2010	XX	GW401B3J9	0.5 U	0.5 U	0.5 U
4/27/2010	XD	GWDP4X3JC	0.5 U	0.5 U	0.5 U
P-04-02					
7/26/2004	XX	GWXXXX042	15 U	2 U	2 U
9/22/2005	XX	GWXXXX1A5	15 U	2 U	2 U
5/22/2006	XX	GWXXXX1F0	15 U	2 U	2 U
5/14/2007	XX	GWXXXX23H	15 U	2 U	2 U
5/21/2008	XX	GWXXXX2E5	15 U	2 U	2 U
4/13/2009	XX	GWXXXX337	1 U	1 U	1 U
4/26/2010	XX	GWXXXX405	0.5 U	0.5 U	0.5 U
P-04-04					
7/26/2004	XX	GWXXXX043	15 U	2 U	2 U
5/22/2006	XX	GWXXXX1F1	15 U	2 U	2 U
SW-LCH					
5/4/2004	XX	SWLCHX01F	15 U	2 U	2 U
7/28/2004	XX	SWLCHX051	15 U	2 U	2 U
5/11/2005	XX	SWLCHX12H	15 U	2 U	2 U
7/27/2005	XX	SWLCHX165	15 U	2 U	2 U
9/21/2005	XX	SWLCHX193	15 U	2 U	2 U
5/24/2006	XX	SWLCHX1DI	150 U	20 U	20 U
7/25/2006	XX	SWLCHX1GF	150 U	20 U	20 U
9/13/2006	XX	SWLCHX1J8	75 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	150 U	20 U	20 U
7/24/2007	XX	SWLCHX26J	75 U	10 U	10 U
9/11/2007	XX	SWLCHX299	15 U	2 U	2 U
5/21/2008	XX	SWLCHX2D3	150 U	20 U	20 U
7/29/2008	XX	SWLCHX2G7	150 U	20 U	20 U
10/29/2008	XX	SWLCHX2IH	2 U	2 U	2 U
QCBT					
5/4/2004	XX	BTXXXX00H	15 U	2 U	2 U
6/9/2004	XX	BTXXXX035	15 U	2 U	2 U
7/26/2004	XX	BTXXXX046	15 U	2 U	2 U
10/27/2004	XX	BTXXXX060	15 U	2 U	2 U
1/17/2005	XX	BTXXXX111	15 U	2 U	2 U
3/9/2005	XX	BTXXXX11E	15 U	2 U	2 U
3/21/2005	XX	BTXXXX142	15 U	2 U	2 U
5/11/2005	XX	BTXXXX121	15 U	2 U	2 U
7/25/2005	XX	BTXXXX17G	15 U	2 U	2 U
7/27/2005	XX	BTXXXX187	15 U	2 U	2 U
9/20/2005	XX	BTXXXX1A7	15 U	2 U	2 U
9/21/2005	XX	BTXXXX1AI	15 U	2 U	2 U
9/22/2005	XX	BTXXXX1AJ	15 U	2 U	2 U
4/19/2006	XX	BTXXXX1FE	15 U	2 U	2 U
5/22/2006	XX	BTXXXX1F2	15 U	2 U	2 U
5/23/2006	XX	BTXXXX1FD	15 U	2 U	2 U
5/24/2006	XX	BTXXXX1ID	15 U	2 U	2 U
7/25/2006	XX	BTXXXX1HJ	15 U	2 U	2 U

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(QCBT)

Date	Type	Sample ID	Vinyl Acetate ug/L	trans-1,4-Dichloro-2-butene ug/L	Iodomethane ug/L
9/13/2006	XX	BTXXXX20C	15 U	2 U	2 U
5/14/2007	XX	BTXXXX23J	15 U	2 U	2 U
5/15/2007	XX	BTXXXX244	15 U	2 U	2 U
5/16/2007	XX	BTXXXX245	15 U	2 U	2 U
7/24/2007	XX	BTXXXX283	15 U	2 U	2 U
9/11/2007	XX	BTXXXX2AD	15 U	2 U	2 U
5/19/2008	XX	BTXXXX2EC	15 U	2 U	2 U
5/21/2008	XX	BTXXXX2ED	15 U	2 U	2 U
7/29/2008	XX	BTXXXX2HB	15 U	2 U	2 U
10/29/2008	XX	BTXXXX301	1 U	1 U	1 U
4/13/2009	XX	BTXXXX33D	1 U	1 U	1 U
4/15/2009	XX	BTXXXX33E	1 U	1 U	1 U
7/7/2009	XX	BTXXXX37H	1 U	1 U	1 U
10/28/2009	XX	BTXXXX3AJ	1 U	1 U	1 U
4/26/2010	XX	BTXXXX40A	0.5 U	0.5 U	0.5 U
4/27/2010	XX	BTXXXX40B	0.5 U	0.5 U	0.5 U
4/28/2010	XX	BTXXXXHG1	0.5 U	0.5 U	0.5 U
7/20/2010	XX	BTXXXX43F	0.5 U	0.5 U	0.5 U
10/19/2010	XX	BTXXXX46I	0.5 U	0.5 U	0.5 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

D - The sampling location was dry.
F6 - No flow. Sample not taken.
U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:28

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Pesticides, Herbicides and PCB's (part 1 of 3)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH) Date	Type	Sample ID	Aldrin ug/L	alpha-BHC ug/L	beta-BHC ug/L	delta-BHC ug/L	gamma-BHC (Lindane) ug/L	Chlordane (technical) ug/L	Chlorobenzilate ug/L	4,4'-DDD ug/L	4,4'-DDE ug/L	4,4'-DDT ug/L	Diallate ug/L	Dieldrin ug/L	Endosulfan I ug/L	Endosulfan II ug/L	Endosulfan Sulfate ug/L
SW-LCH																	
5/4/2004	XX	SWLCHX01F	5 U	5 U	5 U	5 U	5 U	10 U	20 U	2 U	2 U	2 U	20 U	2 U	1 U	2 U	2 U
5/11/2005	XX	SWLCHX12H	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		10 U	1 U	1 U	1 U	10 U	1 U	0.5 U	1 U	1 U
5/24/2006	XX	SWLCHX1DI	0.05 U	0.05 U	0.131 B	0.05 U	0.05 U		1 U	0.1 U	0.1 U	0.1 U	1 U	0.1 U	0.05 U	0.1 U	0.1 U
5/15/2007	XX	SWLCHX22F	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		10 U	1 U	1 U	1 U	10 U	1 U	0.5 U	1 U	1 U
5/21/2008	XX	SWLCHX2D3	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.5 U	20 U	0.1 U	0.1 U	0.1 U	20 U	0.1 U	0.05 U	0.1 U	0.1 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	0.047 U	0.047 U	0.047 U	0.047 U	0.055	0.47 U	57 U	0.094 U	0.094 U	0.094 U	57 U	0.094 U	0.047 U	0.094 U	0.094 U
4/28/2010	XX	LTC4LX3J3	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.47 U	9 U	0.094 U	0.094 U	0.094 U	9 U	0.094 U	0.047 U	0.094 U	0.094 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

B - Compound is found in the associated method blank as well as sample.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:31

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Pesticides, Herbicides and PCB's (part 2 of 3)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH) Date	Type	Sample ID	Endrin ug/L	Endrin Aldehyde ug/L	Heptachlor ug/L	Heptachlor Epoxide ug/L	Isodrin ug/L	Kepone ug/L	Methoxychlor ug/L	Toxaphene ug/L	Aroclor-1016 ug/L	Aroclor-1221 ug/L	Aroclor-1232 ug/L	Aroclor-1242 ug/L	Aroclor-1248 ug/L	Aroclor-1254 ug/L	Aroclor-1260 ug/L
SW-LCH																	
5/4/2004	XX	SWLCHX01F	2 U	2 U	5 U	1 U	2 U	20 U	10 U	100 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
5/11/2005	XX	SWLCHX12H	0.5 U	1 U	0.5 U	0.5 U	1 U	10 U	2 U	50 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
5/24/2006	XX	SWLCHX1DI	0.1 U	0.1 U	0.05 U	0.05 U	0.1 U	1 U	0.5 U	2 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
5/15/2007	XX	SWLCHX22F	0.5 U	1 U	0.5 U	0.5 U	1 U	10 U	2 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/21/2008	XX	SWLCHX2D3	0.1 U	0.1 U	0.05 U	0.05 U	20 U	10 U	0.5 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	0.094 U	0.094 U	0.047 U	0.047 U	57 U	71 U	0.47 U	0.94 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
4/28/2010	XX	LTC4LX3J3	0.094 U	0.094 U	0.047 U	0.047 U	9 U	24 U	0.47 U	0.94 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:30

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Pesticides, Herbicides and PCB's (part 3 of 3)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH)			Dimethoate	Disulfoton	Famphur	Methyl Parathion	Parathion	Phorate	Sulfotepp	Thionazin	o,o,o-Triethylphosphorothioate	2,4-Dichlorophenoxyacetic Acid	2,4,5,-T	2,4,5-Trichloroohenoxypropionic Acid	alpha-Chlordane	gamma-Chlordane
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
SW-LCH																
5/4/2004	XX	SWLCHX01F	2 U	2 U	1 U	2 U	2 U	2 U	2 U	1 U	1 U	2 U	0.5 U	0.5 U		
5/11/2005	XX	SWLCHX12H	2 U	2 U	1 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	0.5 U	0.5 U	0.5 U	0.5 U
5/24/2006	XX	SWLCHX1DI	2 U	2 U	1 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	0.5 U	0.5 U	0.05 U	0.05 U
5/15/2007	XX	SWLCHX22F	2 U	2 U	1 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	0.5 U	0.5 U
5/21/2008	XX	SWLCHX2D3	10 U	10 U	25 U	10 U	25 U	10 U		20 U	20 U	28 U	28 U	28 U		
LT-C4L																
4/15/2009	XX	LTC4LX325	28 U	28 U	71 U	28 U	71 U	28 U		57 U	57 U	14 U	14 U	14 U		
4/28/2010	XX	LTC4LX3J3	9 U	9 U	28 U	9 U	24 U	9 U		19 U	9 U	2.8 U	2.8 U	2.8 U		

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 1 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH)			Acenaphthene	Acenaphthylene	Acetophenone	2-Acetylaminofluorene	4-Aminobiphenyl	Aniline	Anthracene	Aramite	Benzo(a)Anthracene	Benzo(b)Fluoranthene	Benzo(k)Fluoranthene	Benzo(g,h,i)perylene	Benzo(a)Pyrene	Benzyl Alcohol	4-Bromophenyl-phenylether
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
SW-LCH																	
5/4/2004	XX	SWLCHX01F	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/11/2005	XX	SWLCHX12H	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/24/2006	XX	SWLCHX1DI	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
5/21/2008	XX	SWLCHX2D3	10 U	10 U	10 U	10 U	10 U		10 U		10 U	10 U	10 U	10 U	10 U	20 U	10 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	28 U	28 U	28 U	28 U	28 U		28 U		28 U	28 U	28 U	28 U	28 U	57 U	28 U
4/28/2010	XX	LTC4LX3J3	9 U	9 U	9 U	9 U	9 U		9 U		9 U	9 U	9 U	9 U	9 U	19 U	9 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 2 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH) Date	Type	Sample ID	Butylbenzylphthalate ug/L	2-sec-Butyl-4-6-dinitrophenol (Dinoseb) ug/L	4-Chloroaniline ug/L	Bis(2-Chloroethoxy)methane ug/L	Bis(2-Chloroethyl)ether ug/L	Bis(2-Chloroisopropyl)ether ug/L	4-Chloro-3-Methylphenol ug/L	2-Chloronaphthalene ug/L	2-Chlorophenol ug/L	4-Chlorophenyl-phenylether ug/L	Chrysene ug/L	Dibenz(a.h)Anthracene ug/L	Dibenzofuran ug/L	Di-n-butylphthalate ug/L	1,2-Dichlorobenzene ug/L
SW-LCH																	
5/4/2004	XX	SWLCHX01F	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U
7/28/2004	XX	SWLCHX051															2 U
5/11/2005	XX	SWLCHX12H	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U
7/27/2005	XX	SWLCHX165															2 U
9/21/2005	XX	SWLCHX193															2 U
5/24/2006	XX	SWLCHX1DI	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7/25/2006	XX	SWLCHX1GF															20 U
9/13/2006	XX	SWLCHX1J8															10 U
5/15/2007	XX	SWLCHX22F	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	20 U
7/24/2007	XX	SWLCHX26J															10 U
9/11/2007	XX	SWLCHX299															2 U
5/21/2008	XX	SWLCHX2D3	10 U	47 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7/29/2008	XX	SWLCHX2G7															20 U
10/29/2008	XX	SWLCHX2IH															2 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	28 U	24 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U	28 U
7/7/2009	XX	LTC4LX369															25 U
10/28/2009	XX	LTC4LX3E4															10 U
4/28/2010	XX	LTC4LX3J3	9 U	4.7 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	9 U	2.5 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 3 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH) Date	Type	Sample ID	1,3-Dichlorobenzene ug/L	1,4-Dichlorobenzene ug/L	3,3'-Dichlorobenzidine ug/L	2,4-Dichlorophenol ug/L	2,6-Dichlorophenol ug/L	Diethylphthalate ug/L	p-(Dimethylamino)azobenzene ug/L	7,12-Dimethylbenz(a)anthracene ug/L	3,3'-Dimethylbenzidine ug/L	alpha, alpha-Dimethylphenethylamine ug/L	2,4-Dimethylphenol ug/L	Dimethylpthalate ug/L	1,3-Dinitrobenzene (m-Dinitrobenzene) ug/L	4,6-Dinitro-2-methylphenol ug/L	2,4-Dinitrophenol ug/L
SW-LCH																	
5/4/2004	XX	SWLCHX01F	10 U	2 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	25 U
7/28/2004	XX	SWLCHX051		2 U													
5/11/2005	XX	SWLCHX12H	10 U	2 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	25 U
7/27/2005	XX	SWLCHX165		2 U													
9/21/2005	XX	SWLCHX193		2 U													
5/24/2006	XX	SWLCHX1DI	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
7/25/2006	XX	SWLCHX1GF		20 U													
9/13/2006	XX	SWLCHX1J8		10 U													
5/15/2007	XX	SWLCHX22F	100 U	20 U	200 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
7/24/2007	XX	SWLCHX26J		10 U													
9/11/2007	XX	SWLCHX299		2 U													
5/21/2008	XX	SWLCHX2D3	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	20 U		10 U	10 U	10 U	25 U	25 U
7/29/2008	XX	SWLCHX2G7		20 U													
10/29/2008	XX	SWLCHX2IH		2 U													
LT-C4L																	
4/15/2009	XX	LTC4LX325	28 U	28 U	28 U	28 U	28 U	28 U	57 U	28 U	57 U		28 U	28 U	28 U	71 U	71 U
7/7/2009	XX	LTC4LX369		25 U													
10/28/2009	XX	LTC4LX3E4		10 U													
4/28/2010	XX	LTC4LX3J3	9 U	2.5 U	9 U	9 U	9 U	9 U	9 U	9 U	24 U		9 U	9 U	9 U	24 U	24 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 4 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH)			2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-octylphthalate	Bis(2-Ethylhexyl)phthalate	Ethyl methacrylate (2-Propenoic acid)	Ethyl methanesulfonate	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Hexachlorophene	Hexachloropropene	Indeno(1,2,3-c,d)Pyrene
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
SW-LCH																	
5/4/2004	XX	SWLCHX01F	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U
5/11/2005	XX	SWLCHX12H	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U
5/24/2006	XX	SWLCHX1DI	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	100 U	100 U	100 U	100 U		100 U	100 U	100 U	100 U	100 U	100 U	100 U	1000 U	100 U	100 U
5/21/2008	XX	SWLCHX2D3	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	10 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	28 U	28 U	28 U	28 U		28 U	28 U	28 U	28 U	28 U	28 U	28 U		28 U	28 U
4/28/2010	XX	LTC4LX3J3	9 U	9 U	9 U	9 U		9 U	9 U	9 U	9 U	9 U	9 U	9 U		9 U	9 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 5 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH) Date	Type	Sample ID	Isophorone ug/L	Isosafrole ug/L	Methapyrilene ug/L	3-Methylcholanthrene ug/L	Methyl methacrylate ug/L	Methyl methanesulfonate ug/L	2-Methylnaphthalene ug/L	2-Methylphenol ug/L	3&4-Methylphenol ug/L	Naphthalene ug/L	1-Naphthaleneamine (1-Naphthylamine) ug/L	2-Naphthaleneamine (2-Naphthylamine) ug/L	1,4-Naphthoquinone ug/L	2-Nitroaniline ug/L
SW-LCH																
5/4/2004	XX	SWLCHX01F	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	90.6	10 U	10 U	10 U	50 U	25 U
5/11/2005	XX	SWLCHX12H	10 U	10 U	10 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	25 U
5/24/2006	XX	SWLCHX1DI	10 U	10 U	10 U	10 U		10 U	10 U	10 U	35.4	10 U	10 U	10 U	50 U	10 U
5/15/2007	XX	SWLCHX22F	100 U	100 U	100 U	100 U		100 U	100 U	100 U	516	100 U	100 U	100 U	500 U	100 U
5/21/2008	XX	SWLCHX2D3	10 U	20 U	10 U	10 U		20 U	10 U	10 U	68	10 U	10 U	10 U	10 U	25 U
LT-C4L																
4/15/2009	XX	LTC4LX325	28 U	57 U	71 U	28 U		57 U	28 U	28 U	2800	300	28 U	28 U	28 U	71 U
4/28/2010	XX	LTC4LX3J3	9 U	9 U	9 U	9 U		9 U	9 U	9 U	450	10	9 U	9 U	9 U	24 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 6 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH) Date	Type	Sample ID	3-Nitroaniline ug/L	4-Nitroaniline ug/L	Nitrobenzene ug/L	2-Nitrophenol ug/L	4-Nitrophenol ug/L	4-Nitroquinoline-1-oxide ug/L	5-Nitro-o-toluidine ug/L	N-Nitrosodiethylamine ug/L	N-Nitrosodimethylamine ug/L	N-Nitrosodi-n-butylamine ug/L	N-Nitroso-di-n-propylamine ug/L	N-Nitrosodiphenylamine ug/L	N-Nitrosomethylethylamine ug/L	N-Nitrosomorpholine ug/L	N-Nitrosopiperidine ug/L
SW-LCH																	
5/4/2004	XX	SWLCHX01F	25 U	25 U	10 U	10 U	25 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/11/2005	XX	SWLCHX12H	25 U	25 U	10 U	10 U	25 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/24/2006	XX	SWLCHX1DI	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
5/21/2008	XX	SWLCHX2D3	25 U	25 U	10 U	10 U	25 U		20 U	20 U	20 U	10 U	10 U	10 U	10 U		10 U
LT-C4L																	
4/15/2009	XX	LTC4LX325	71 U	71 U	28 U	28 U	71 U		57 U	57 U	57 U	28 U	28 U	28 U	28 U		28 U
4/28/2010	XX	LTC4LX3J3	24 U	24 U	9 U	9 U	24 U		9 U	9 U	9 U	9 U	9 U	9 U	9 U		9 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 7 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH)			N-Nitrosopyrrolidine	Pentachlorobenzene	Pentachloroethane	Pentachloronitrobenzene	Pentachlorophenol	Phenacetin	Phenanthrene	Phenol	p-Phenylenediamine	2-Picoline (2-Methylpyridine)	Pronamide	Pyrene	Pyridine	1,2,4,5-Tetrachlorobenzene
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
SW-LCH																
5/4/2004	XX	SWLCHX01F	10 U	10 U	10 U	10 U	25 U	10 U	10 U	30.7	10 U	10 U	10 U	10 U	10 U	10 U
5/11/2005	XX	SWLCHX12H	10 U	10 U	10 U	10 U	25 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/24/2006	XX	SWLCHX1DI	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	100 U	100 U	100 U	100 U	100 U	100 U	100 U	114	100 U	100 U	100 U	100 U	100 U	100 U
5/21/2008	XX	SWLCHX2D3	10 U	10 U		10 U	25 U	10 U	10 U	11	10 U		10 U	10 U		10 U
LT-C4L																
4/15/2009	XX	LTC4LX325	28 U	28 U		28 U	71 U	28 U	28 U	410 E	28 U		28 U	28 U		28 U
4/28/2010	XX	LTC4LX3J3	9 U	9 U		9 U	24 U	9 U	9 U	70	9 U		9 U	9 U		9 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

E - Compound exceeded upper level of calibration range and required dilution.

U - Not Detected above the reported sample detection limit.

REPORT PREPARED: 6/9/2010 12:23

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Semi-VOA (part 8 of 8)

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(SW-LCH) Date	Type	Sample ID	2,3,4,6-Tetrachlorophenol ug/L	O-Toluidine ug/L	1,2,4-Trichlorobenzene ug/L	2,4,5-Trichlorophenol ug/L	2,4,6-Trichlorophenol ug/L	1,3,5-Trinitrobenzene (sym-Trinitrobenzene) ug/L	Safrole ug/L
SW-LCH									
5/4/2004	XX	SWLCHX01F	10 U	10 U	10 U	25 U	10 U	10 U	10 U
5/11/2005	XX	SWLCHX12H	10 U	10 U	10 U	25 U	10 U	10 U	10 U
5/24/2006	XX	SWLCHX1DI	10 U	10 U	10 U	10 U	10 U	10 U	10 U
5/15/2007	XX	SWLCHX22F	100 U	100 U	100 U	100 U	100 U	100 U	100 U
5/21/2008	XX	SWLCHX2D3	10 U	10 U	10 U	25 U	10 U	10 U	10 U
LT-C4L									
4/15/2009	XX	LTC4LX325	28 U	28 U	28 U	71 U	28 U	28 U	28 U
4/28/2010	XX	LTC4LX3J3	9 U	24 U	9 U	24 U	9 U	9 U	9 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

U - Not Detected above the reported sample detection limit.

APPENDIX C

MANN-KENDALL TREND ANALYSIS RESULTS

Summary of Mann-Kendall Trend Analysis
95% Confidence (alpha=0.05)
Juniper Ridge Landfill 2010

	Increasing Trends		Decreasing Trends		NoTrends	
LOCATION	3-yr trend	5-yr trend	3-yr trend	5-yr trend	3-yr trend	5-yr trend
DP-4	Eh, As	Eh, As	Fe, Mg, Mn, TDS, SO4, OC, Cl	pH, HCO3, OC	Spec Cond, pH, Temp, Water Elev., DO, Cd, Ca, Cu, Ni, K, Na, TKN, NH3 - N, NO3 - N, TSS, HCO3, ALK (fld), COD, TURB (fld), TANNIC	Spec Cond, Temp, DO, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, SO4, ALK (fld), COD, Cl, TURB (fld), TANNIC
LF-COMP						
LF-UD-1	Ca, K	Spec Cond, Ca, Mg, TDS, HCO3, ALK (fld)			Spec Cond, pH, Temp, Eh, DO, Flow Rate, As, Cd, Cu, Fe, Mg, Mn, Ni, Na, NH3 - N, NO3 - N, P, TDS, TSS, SO4, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	pH, Temp, Eh, DO, As, Cd, Cu, Fe, Mn, Ni, K, Na, NH3 - N, NO3 - N, P, TSS, SO4, OC, COD, Cl, TURB (fld), TANNIC
LF-UD-2	Spec Cond, Temp, As, Ca, Mg, K, Na, ALK (fld)	Ca, Mg, HCO3		Cd, OC	pH, Eh, DO, Flow Rate, Cd, Cu, Fe, Mn, Ni, NH3 - N, NO3 - N, P, TDS, TSS, SO4, HCO3, OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Temp, Eh, DO, As, Cu, Fe, Mn, Ni, K, Na, NH3 - N, NO3 - N, P, TDS, TSS, SO4, ALK (fld), COD, Cl, TURB (fld), TANNIC
LF-UD-3A	Spec Cond, Temp, ALK (fld)				pH, Eh, DO, Flow Rate, TURB (fld)	
LF-UD-3B						
LF-UD-4						
LF-UD-5						
LP-LD-1	Spec Cond	pH	pH	Spec Cond	Temp, Eh, DO, ALK (fld), TURB (fld)	Temp, Eh, DO, ALK (fld), TURB (fld)
LP-UD-1						
LP-UD-2	Spec Cond, As		K, Na, NO3 - N, SO4, OC, Cl, TURB (fld)	Spec Cond, Cu, K, Na, NO3 - N, SO4, HCO3, ALK (fld), OC	pH, Temp, Eh, DO, Flow Rate, Cd, Ca, Cu, Fe, Mg, Mn, Ni, NH3 - N, P, TDS, TSS, HCO3, ALK (fld), COD, TANNIC	pH, Temp, Eh, DO, As, Cd, Ca, Fe, Mg, Mn, Ni, NH3 - N, P, TDS, TSS, COD, Cl, TURB (fld), TANNIC
LT-C4L						
MW04-102	HCO3		SO4, OC	Fe, K, Na, OC	Spec Cond, pH, Temp, Water Elev., Eh, DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, ALK (fld), COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Temp, Eh, DO, As, Cd, Ca, Cu, Mg, Mn, Ni, TKN, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), COD, Cl, TURB (fld), TANNIC
MW04-105	As	As	DO, Ca, Mg, K, Na, TKN, TDS, SO4, HCO3	Temp, Ca, Fe, Mg, Mn, K, TKN, TDS, SO4, ALK (fld), OC, COD	Spec Cond, pH, Temp, Water Elev., Eh, Cd, Cu, Fe, Mn, Ni, NH3 - N, NO3 - N, TSS, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Eh, DO, Cd, Cu, Ni, Na, NH3 - N, NO3 - N, TSS, HCO3, Cl, TURB (fld), TANNIC
MW04-109R						
MW09-901						
MW-204		As	Ca, Fe, Mg, Na, NO3 - N, SO4, HCO3	Fe, Mg, K, TDS, SO4, ALK (fld)	Spec Cond, pH, Temp, Water Elev., Eh, DO, As, Cd, Cu, Mn, Ni, K, TKN, NH3 - N, TDS, TSS, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Temp, Eh, DO, Cd, Ca, Cu, Mn, Ni, Na, TKN, NH3 - N, NO3 - N, TSS, HCO3, OC, COD, Cl, TURB (fld), TANNIC
MW-206	Spec Cond, As, NH3 - N, TURB (fld)	Ca, NH3 - N, TURB (fld)		Temp, Eh, DO, Na, OC	pH, Temp, Water Elev., Eh, DO, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, TKN, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), OC, COD, Cl, TANNIC	Spec Cond, pH, As, Cd, Cu, Fe, Mg, Mn, Ni, K, TKN, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), COD, Cl, TANNIC
MW-207	As, Ca, Fe, Mn, Na, TDS, TANNIC	Spec Cond, Ca, Fe, Mg, Mn, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, HCO3, ALK (fld), OC, COD, TURB (fld), TANNIC		pH, Eh, DO, Cd	Spec Cond, pH, Temp, Water Elev., Eh, DO, Cd, Cu, Mg, Ni, K, TKN, NH3 - N, NO3 - N, TSS, SO4, HCO3, ALK (fld), OC, COD, Cl, TURB (fld)	Temp, As, Cu, Ni, SO4, Cl

Summary of Mann-Kendall Trend Analysis
95% Confidence (alpha=0.05)
Juniper Ridge Landfill 2010

	Increasing Trends		Decreasing Trends		NoTrends	
LOCATION		5-yr trend		5-yr trend		5-yr trend
MW-212		Spec Cond, Ca, Mg, K, Na, TDS, HCO3, Cl		DO		pH, Temp, Eh, As, Cd, Cu, Fe, Mn, Ni, TKN, NH3 - N, NO3 - N, TSS, SO4, ALK (fld), OC, COD, TURB (fld), TANNIC
MW-216BR						
MW-223A	Spec Cond, As, Ca, Mg, Na, TDS, HCO3, Cl	Spec Cond, Ca, Mg, TDS, HCO3, Cl		DO, Cd, Fe, Ni, OC	pH, Temp, Water Elev., Eh, DO, Cd, Cu, Fe, Mn, Ni, K, TKN, NH3 - N, NO3 - N, TSS, SO4, ALK (fld), OC, COD, TURB (fld), TANNIC	pH, Temp, Eh, As, Cu, Mn, K, Na, TKN, NH3 - N, NO3 - N, TSS, SO4, ALK (fld), COD, TURB (fld), TANNIC
MW-223B	Spec Cond, As, Ca, Mg, TDS, HCO3, Cl	Spec Cond, Ca, Mg, TDS, HCO3, Cl	SO4, ALK (fld)	pH, DO, NO3 - N	pH, Temp, Water Elev., Eh, DO, Cd, Cu, Fe, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TSS, OC, COD, TURB (fld), TANNIC	Temp, Eh, As, Cd, Cu, Fe, Mn, Ni, K, Na, TKN, NH3 - N, TSS, SO4, ALK (fld), OC, COD, TURB (fld), TANNIC
MW-227	As, TURB (fld)	TURB (fld)	SO4, ALK (fld)	Na, TKN, ALK (fld)	Spec Cond, pH, Temp, Water Elev., Eh, DO, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, HCO3, OC, COD, Cl, TANNIC	Spec Cond, pH, Temp, Eh, DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, OC, COD, Cl, TANNIC
MW-301		As	TKN, SO4	Na, TKN, OC	Spec Cond, pH, Temp, Water Elev., Eh, DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, NH3 - N, NO3 - N, TDS, TSS, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Temp, Eh, DO, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), COD, Cl, TURB (fld), TANNIC
MW-302R	Eh, As		Fe, OC, TURB (fld)		Spec Cond, pH, Temp, Water Elev., DO, Cd, Ca, Cu, Mg, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), COD, Cl, TANNIC	
MW-303	Spec Cond, As, Ca, Na, HCO3, Cl, TURB (fld)	Spec Cond, As, Ca, Mg, K, Na, TDS, HCO3, ALK (fld), Cl, TURB (fld)	Water Elev., DO, SO4	pH, DO	pH, Temp, Eh, Cd, Cu, Fe, Mg, Mn, Ni, K, TKN, NH3 - N, NO3 - N, TDS, TSS, ALK (fld), OC, COD, TANNIC	Temp, Eh, Cd, Cu, Fe, Mn, Ni, TKN, NH3 - N, NO3 - N, TSS, SO4, OC, COD, TANNIC
MW-304A	Cl	As, Ca, Cl	Water Elev., NO3 - N, SO4, OC	Eh, Fe, Na, SO4, ALK (fld), OC, COD	Spec Cond, pH, Temp, Eh, DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, TKN, NH3 - N, TDS, TSS, HCO3, ALK (fld), COD, TURB (fld), TANNIC	Spec Cond, pH, Temp, DO, Cd, Cu, Mg, Mn, Ni, K, TKN, NH3 - N, NO3 - N, TDS, TSS, HCO3, TURB (fld), TANNIC
MW-401A		Eh, Ca	SO4, OC	pH, Cd, Fe, Na	Spec Cond, pH, Temp, Water Elev., Eh, DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, HCO3, ALK (fld), COD, Cl, TURB (fld), TANNIC	Spec Cond, Temp, DO, As, Cu, Mg, Mn, Ni, K, TKN, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC
MW-401B	Eh	Eh, As	OC, Cl	DO, Ca, Fe, Mg, Mn, Ni, K, Na, TDS, SO4, HCO3, ALK (fld), OC, COD, Cl	Spec Cond, pH, Temp, Water Elev., DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), COD, TURB (fld), TANNIC	Spec Cond, pH, Temp, Cd, Cu, TKN, NH3 - N, NO3 - N, TSS, TURB (fld), TANNIC
MW-402A	K	Ca	SO4	Fe, Na	Spec Cond, pH, Temp, Eh, DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Temp, Eh, DO, As, Cd, Cu, Mg, Mn, Ni, K, TKN, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC
MW-402B	As, K		SO4	pH, Na	Spec Cond, pH, Temp, Water Elev., Eh, DO, Cd, Ca, Cu, Fe, Mg, Mn, Ni, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, Temp, Eh, DO, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, TKN, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC

Summary of Mann-Kendall Trend Analysis
95% Confidence (alpha=0.05)
Juniper Ridge Landfill 2010

	Increasing Trends		Decreasing Trends		NoTrends	
LOCATION	3-yr trend	5-yr trend	3-yr trend	5-yr trend	3-yr trend	5-yr trend
P-04-02	As	As	Fe, NO3 - N, SO4	Fe, Na, TKN, ALK (fld)	Spec Cond, pH, Temp, Water Elev., Eh, DO, Cd, Ca, Cu, Mg, Mn, Ni, K, Na, TKN, NH3 - N, TDS, TSS, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Temp, Eh, DO, Cd, Ca, Cu, Mg, Mn, Ni, K, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, OC, COD, Cl, TURB (fld), TANNIC
P-04-04	As	As	Cd, Fe, SO4	Fe, Na, TKN, NO3 - N, HCO3, ALK (fld), Cl	Spec Cond, pH, Temp, Water Elev., Eh, DO, Ca, Cu, Mg, Mn, Ni, K, Na, TKN, NH3 - N, NO3 - N, TDS, TSS, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Temp, Eh, DO, Cd, Ca, Cu, Mg, Mn, Ni, K, NH3 - N, TDS, TSS, SO4, OC, COD, TURB (fld), TANNIC
PWS-1						
PWS-2						
PWS-3						
QCBT						
SW-1	SO4		DO	Temp, Cd, Ca, Mg, HCO3, BOD5	Spec Cond, pH, Temp, Eh, As, Cd, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, NH3 - N, NO3 - N, P, TDS, TSS, HCO3, ALK (fld), OC, BOD5, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Eh, DO, As, Cu, Fe, Mn, Ni, K, Na, NH3 - N, NO3 - N, P, TDS, TSS, SO4, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC
SW-2		pH, Eh, SO4	Cd	Cd, Fe, Mn, BOD5	Spec Cond, pH, Temp, Eh, DO, Flow Rate, As, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, NH3 - N, NO3 - N, P, TDS, TSS, SO4, HCO3, ALK (fld), OC, BOD5, COD, Cl, TURB (fld), TANNIC	Spec Cond, Temp, DO, As, Ca, Cu, Mg, Ni, K, Na, NH3 - N, NO3 - N, P, TDS, TSS, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC
SW-3		pH, Eh, SO4	Cd	Cd, Cu, K, BOD5	Spec Cond, pH, Temp, Eh, DO, Flow Rate, As, Ca, Cu, Fe, Mg, Mn, Ni, K, Na, NH3 - N, NO3 - N, P, TDS, TSS, SO4, HCO3, ALK (fld), OC, BOD5, COD, Cl, TURB (fld), TANNIC	Spec Cond, Temp, DO, As, Ca, Fe, Mg, Mn, Ni, Na, NH3 - N, NO3 - N, P, TDS, TSS, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC
SW-DP1			Cd, Mg, NO3 - N	Temp, As, Cd, Ca, Fe, Mg, Ni, K, Na, HCO3, OC	Spec Cond, pH, Temp, Eh, DO, As, Ca, Cu, Fe, Mn, Ni, K, Na, NH3 - N, P, TDS, TSS, SO4, HCO3, ALK (fld), OC, COD, Cl, TURB (fld), TANNIC	Spec Cond, pH, Eh, DO, Cu, Mn, NH3 - N, NO3 - N, P, TDS, TSS, SO4, ALK (fld), COD, Cl, TURB (fld), TANNIC
SW-DP6						

Summary of Mann-Kendall Trend Analysis
95% Confidence (alpha=0.05)
Juniper Ridge Landfill 2010

	Increasing Trends		Decreasing Trends		NoTrends	
LOCATION						

3-yr trend: 1/1/2008 to 12/31/2010

5-yr trend: 1/1/2006 to 12/31/2010

Key

ALK (fld) = Alkalinity (CaCO3) (field)
ALK = Alkalinity (CaCO3)
BOD5 = Biochemical Oxygen Demand
Bromide = Bromide
Cl = Chloride
CN = Cyanide
COD = Chemical Oxygen Demand
DO = Dissolved Oxygen
Eh = Corrected Eh
Hard(CaMg) = Ca-mg Hardness (CaCO3)
HCO3 = Bicarbonate (CaCO3)
NH3 - N = Ammonia (N)
NO3 - N = Nitrate (N)
OC = Organic Carbon
P = Phosphate Phosphorus
pH = pH
S= = Sulfide
SO4 = Sulfate
Spec Cond = Specific Conductance
TANNIC = Tannin & Lignins (Tannic Acid)
TDS = Total Dissolved Solids
Temp = Temperature
TKN = Total Kjeldahl Nitrogen
TSS = Total Suspended Solids
TURB (fld) = Turbidity (field)

- Values below the laboratory PQL (non-detects) are divided by 2. All other data qualifiers are ignored but any associated value is used.

- Samples collected for data quality control are not analyzed.

- Data sets with less than 5 data points are not analyzed.

- Data sets with a period shorter than the intended period of analysis (e.g. 3-yr analysis or 5-yr analysis) are not analyzed.

- Significant events in historical data can affect the distribution in a way that compromises the assumption of a monotonic data set. Events could include the cessation of filtering, a spill, changing sampling protocols or analytical method changes that alter the detection limit.

REFERENCES:

State of Wisconsin, Department of Natural Resources, Remediation and Redevelopment Program Mann-Kendall Statistical Test, Form 4400-215 (2/2001)

Gilbert, R.O., Statistical Methods for Environmental Pollution Monitoring, Van Nostrand Reinhold, 1987, pp. 204 – 240 and 272.

Hollander, M. and Wolfe, A.M Nonparameteric Statistical Methods, John Wiley Sons, 1999

APPENDIX D

DETECTED 2010 VOLATILE ORGANIC COMPOUNDS FOR LEACHATE

CONCENTRATIONS EXCEEDING LABORATORY REPORTING LIMIT

Leachate - Voa and Semi-Voa Hits

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBER:AND CENTER, ME 04021

LOCATION (LT-C4L)	PARAMETER NAME	DATE	CONCENTRATION/ QUALIFIER	UNITS	SAMPLE ID	STANDARDS
LT-C4L						
	Vinyl Chloride	10/19/2010	0.75 J	ug/L	LTC4LX45B	
	Acetone	4/28/2010	444	ug/L	LTC4LX3J3	
		7/20/2010	365	ug/L	LTC4LX427	
		10/19/2010	475	ug/L	LTC4LX45B	
	1,2-Dichloroethane	4/28/2010	3.8 J	ug/L	LTC4LX3J3	
		7/20/2010	5.8	ug/L	LTC4LX427	
	Methyl Ethyl Ketone	4/28/2010	1360	ug/L	LTC4LX3J3	
		10/19/2010	604	ug/L	LTC4LX45B	
	1,2-Dichloropropane	10/19/2010	0.81 J	ug/L	LTC4LX45B	
	Benzene	4/28/2010	4.4 J	ug/L	LTC4LX3J3	
		7/20/2010	4.6 J	ug/L	LTC4LX427	
		10/19/2010	5	ug/L	LTC4LX45B	
	Bromoform	10/19/2010	0.72 J	ug/L	LTC4LX45B	
	4-Methyl-2-Pentanone	10/19/2010	38	ug/L	LTC4LX45B	
	Toluene	4/28/2010	15	ug/L	LTC4LX3J3	
		7/20/2010	15	ug/L	LTC4LX427	
		10/19/2010	18	ug/L	LTC4LX45B	
	Ethylbenzene	4/28/2010	5.9	ug/L	LTC4LX3J3	
		7/20/2010	5.5	ug/L	LTC4LX427	
		10/19/2010	7.9	ug/L	LTC4LX45B	
	Styrene	10/19/2010	1.4 J	ug/L	LTC4LX45B	
	m,p-Xylene	4/28/2010	7.2	ug/L	LTC4LX3J3	
		7/20/2010	8.5	ug/L	LTC4LX427	
		10/19/2010	12	ug/L	LTC4LX45B	
	o-Xylene	4/28/2010	3.1 J	ug/L	LTC4LX3J3	
		7/20/2010	3.7 J	ug/L	LTC4LX427	
		10/19/2010	5.3	ug/L	LTC4LX45B	
	cis-1,2-Dichloroethene	10/19/2010	1.1 J	ug/L	LTC4LX45B	
	Phenol	4/28/2010	70	ug/L	LTC4LX3J3	
	1,4-Dichlorobenzene	10/19/2010	1.3	ug/L	LTC4LX45B	

REPORT PREPARED: 1/18/2011 10:09

FOR: Juniper Ridge Landfill

CONCENTRATIONS EXCEEDING LABORATORY REPORTING LIMIT

Leachate - Voa and Semi-Voa Hits

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBER:AND CENTER, ME 04021

LOCATION (LT-C4L)	PARAMETER NAME	DATE	CONCENTRATION/ QUALIFIER	UNITS	SAMPLE ID	STANDARDS
	Naphthalene	4/28/2010	10	ug/L	LTC4LX3J3	
	3&4-Methylphenol	4/28/2010	450	ug/L	LTC4LX3J3	

Concentration Qualifier Notes:

J - Analyte was positively identified/Associated value is an estimate below reporting limit.

APPENDIX E

2010 UNDERDRAIN AND LEAK DETECTION FIELD DATA

REPORT PREPARED: 3/9/2011 10:15

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UDCOMP & SW-4) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
LF-UDCOMP & SW-4										
11/25/1996	XX	SW-4XX35394	220	6	6.5		4		1.2	
3/26/1997	XX	SW-4820-35515	214	6.71	3.1		8.7			
6/3/1997	XX	SW-4821-35584	308	6.87	10.3	27.8	2.1		0	
9/11/1997	XX	SW-4822-35684	392	6.74	16.1	33.4	6.5		0	
12/8/1997	XX	SW-4823-35772	262	6.59	9.9	33.5			170	
3/25/1998	XX	SW-4824-35879	267	7.26	5.3	105	7.4		0	
6/9/1998	XX	SW-4825-35955	308	7.14	12.1	170.6	8.6		0	
9/10/1998	XX	SW-4826-36048	347	7.12	16.7	129.8	6.7		0	
12/15/1998	XX	SW-4827-36144	306	7.04	9.2	270.1	8.1		0	
3/30/1999	XX	SW-4828-36249	287	6.7	7.3	259.5	8		8	
6/9/1999	XX	SW-4829-36320	284	6.96	12.8	183.8	7.7		0	
9/14/1999	XX	SW-4830-36417	182	7.18	18.8	142.2	6.3		6	
12/2/1999	XX	SW-4831-36496	294	7.09	10.1	219.8	7.8		6	
3/28/2000	XX	SW-4832-36613	268	6.57	7.1		7.8		8	
6/13/2000	XX	SW-4833-36690	274	7.19	11.8		8.3		0	
9/13/2000	XX	SW-4834-36782	228	7.63	16.8		7.3		255	
12/12/2000	XX	SW-4835-36872	200	6.85	9.8		6.4		4	
3/14/2001	XX	SW-4836-36964	171	7.15	6.3		9.7		83	
6/19/2001	XX	SW-4837-37061	193	7.03	12		10		0	
9/11/2001	XX	SW-4838-37145	204	7.33	13.8		8.6		0	
12/12/2001	XX	SW-4839-37237	239	7.97	8.9		8.2		0	
3/14/2002	XX	SW-4840-37329	174	7.69	9.4		8.5		0	
6/18/2002	XX	SW-4841-37425	197	7.65	12.2		9.7		0	
9/19/2002	XX	SW-4842-37518	257	7.7	14.2		8.1		0	
12/10/2002	XX	SW-4843-37600	205	6.83	9.7		8		0	
3/26/2003	XX	SW-4N37706	173	6.54	9.2		7.1			
6/26/2003	XX	SW-4N37798	202	7.2	14.8		9.1			
9/18/2003	XX	SW-4N37882	236	7.49	15.2		6.7			
5/4/2004	XX	SWXX4X01G	188	7.4	11.3	285	8	100	0	
6/14/2004	XX	SWXX4X08B	217	6.8	11.4		6	110	1.2	
8/30/2004	XX	LFCOMX08A	444	7.7	25.1	307	6	195	10.4	
4/28/2005	XX	LFXXXX157	185	6.8	8.6	23	5		9.6	
6/23/2009	XX	LFCMPX389	291	7.7	17.1	263	5	120	0	
7/8/2009	XX	LFXXXXHG0	291	7.9	16.2	307	5	130	0	
9/1/2009	XX	LFCMPX3FG	451	6.9	19.1	207	6	205	0.5	
10/27/2009	XX	LFXXXXHBA	589	7.5	10.9	195	6	100	1.2	
12/16/2010	XX	LFXXXX487	729	6.8	14.8	308	6	155	0	
LF-UD-1										
7/28/2004	XX	LFUD1X05E	245	6.6	9	305	8	120	0	
8/30/2004	XX	LFUD1X080	H2	H2	H2	H2	H2	H2	H2	
9/27/2004	XX	LFUD1X086	366	6.8	10.2	208	5	100	0.8	
10/27/2004	XX	LFUD1X076	230	6.7	12.5	326	6	155	0	
11/23/2004	XX	LFUD1X101	258	7.6	10.4	249	6	100	0.8	
12/22/2004	XX	LFUD1X107	235	7.1	9.5	201	8	120	4	
1/26/2005	XX	LFUD1X119	317	7.9	5.2	300	6	115	0.1	
2/24/2005	XX	LFUD1X11G	D	D	D	D	D	D	D	
3/29/2005	XX	LFUD1X14H	182	6.3	8.6	337	6	75	0	

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-1)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
4/28/2005	XX	LFUD1X152	H2	H2	H2	H2	H2	H2	H2	
5/11/2005	XX	LFUD1X137	246	6.3	11.9	330	6	135	0	
6/22/2005	XX	LFUD1X17A	287	7.4	13.4	426	6	110	0	
7/27/2005	XX	LFUD1X16F	185	7.1	17.1	309	6	125	1.2	
8/29/2005	XX	LFUD1X1B0	238	7.4	16.6	259	6	100	4.6	
9/21/2005	XX	LFUD1X19D	155	7.6	16.2	294	6	100	1.1	
10/21/2005	XX	LFUD1X1BA	246	8.1	9.1	220	5	110	3.8	
11/21/2005	XX	LFUD1X1BH	218	7	13.2	231	2	100	2.6	
12/27/2005	XX	LFUD1X1C3	256	7.9	2.6	274	5	90	2.2	
1/23/2006	XX	LFUD1X1C8	246	7.5	8	428	6	80	1.2	
2/23/2006	XX	LFUD1X1CD	194	7	8.6	387	5	100	0.4	0.0033
3/15/2006	XX	LFUD1X1D0	247	7.1	8.1	447	6	85	2.5	0.0033
4/27/2006	XX	LFUD1X1G1	211	7.6	13.2	363	6	105	2.2	0.00446
5/24/2006	XX	LFUD1X1E8	247	6.8	13.2	369	6	135	0.7	0.00223
6/13/2006	XX	LFUD1X1IA	295	6.5	15.1	469	5	140	0	0.0033
7/25/2006	XX	LFUD1X1H5	256	6.6	18.4	173	6	175	1.2	0.0056
8/16/2006	XX	LFUD1X20H	248	7.2	16.9	348	4	90	0	0.0022
9/11/2006	XX	LFUD1X1JI	211	7.2	14.7	279	6	100	1.2	0.0011
10/19/2006	XX	LFUD1X213	280	7.5	14.3	236	6	150	0	
11/21/2006	XX	LFUD1X219	249	8	7.4	221	4	115	2	0.0045
12/5/2006	XX	LFUD1X21E	266	8.3	7.2	312	3	100	4	0.0045
1/24/2007	XX	LFUD1X247	373	6.3	7.5	295	2	105	1.3	0.0067
2/22/2007	XX	LFUD1X255	340	7.2	6.8	217	6	75	0	0.0033
3/21/2007	XX	LFUD1X25C	102	7.4	9.4	299	6	115	0.2	0.0022
4/26/2007	XX	LFUD1X25J	375	7.4	12.8	229	5	135	1	0.0033
5/16/2007	XX	LFUD1X235	302	6.7	10.2	335	5	140	1	0.0011
6/21/2007	XX	LFUD1X289	264	6.3	16.8	382	6	130	1.8	0.0022
7/25/2007	XX	LFUD1X279	353	7.6	18.6	302	6	195	2.6	0.0022
8/16/2007	XX	LFUD1X2AJ	305	6.9	17.3	289	6	140	0.2	0.0006
9/12/2007	XX	LFUD1X29J	I	I	I	I	I	I	I	I
10/24/2007	XX	LFUD1X2B5	611	7.9	12.1	235	6	150	0.8	0.0011
11/27/2007	XX	LFUD1X2BB	359	7.3	9.7	324	6	125	0.8	0.0022
12/18/2007	XX	LFUD1X2BH	360	7.9	7.4	294	6	110	1.2	0.0006
1/9/2008	XX	LFUD1X2C3	261	6.6	10.4	273	6	145	0.8	0.0022
2/25/2008	XX	LFUD1X2EF	317	6.8	5.1	374	5	120	3.6	0.0022
3/13/2008	XX	LFUD1X2F1	279	7.2	0.6	352	6	115	4.9	0.0022
4/17/2008	XX	LFUD1X2F7	459	7.3	13.6	305	5	115	1.1	0.0022
5/20/2008	XX	LFUD1X2DD	304	7.4	12.2	400	6	150	0.8	0.0022
6/9/2008	XX	LFUD1X2HH	336	7.2	16.1	293	5	100	1.2	0.0022
7/28/2008	XX	LFUD1X2GH	314	6.7	19.2	404	5	185	1.5	0.0022
8/28/2008	XX	LFUD1X307	438	7.3	21.9	376	5	160	1.2	0.0006
9/25/2008	XX	LFUD1X30D	295	6.7	16.7	239	6	100	0.9	0.0006
10/28/2008	XX	LFUD1X2J7	300	7.3	13.5	298	8	135	0	0.0004
11/17/2008	XX	LFUD1X30J	324	8.1	11.1	365	5	120	0.5	0.0017
12/23/2008	XX	LFUD1X315	328	7.3	8.7	208	6	175	0.5	0.0022
1/14/2009	XX	LFUD1X33G	280	7.9	5.3	247	6	95	1.2	0.0033
2/2/2009	XX	LFUD1X343	365	7.1	9.4	388	5	110	0.8	0.0011
3/11/2009	XX	LFUD1X34B	283	6.8	9	276	6	145	1.4	0.0017
4/15/2009	XX	LFUD1X32F	371	7.9	11.2	424	5	150	0.5	0.0022
5/28/2009	XX	LFUD1X34J	415	6.8	16.2	264	5	135	4	0.0011

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LF-UD-1)										
6/23/2009	XX	LFUD1X357	H2	H2	H2	H2	H2	H2	H2	H6
7/8/2009	XX	LFUD1X36J	H2	H2	H2	H2	H2	H2	H2	H6
8/4/2009	XX	LFUD1X381	F6	F6	F6	F6	F6	F6	F6	F6
9/1/2009	XX	LFUD1X38A	H2	H2	H2	H2	H2	H2	H2	H6
10/27/2009	XX	LFUD1X3EE	H2	H2	H2	H2	H2	H2	H2	H6
11/11/2009	XX	LFUD1X3FH	F6	F6	F6	F6	F6	F6	F6	F6
12/8/2009	XX	LFUD1X3G7	F6	F6	F6	F6	F6	F6	F6	F6
1/21/2010	XX	LFUD1X3GJ	F6	F6	F6	F6	F6	F6	F6	F6
2/23/2010	XX	LFUD1X3HB	F6	F6	F6	F6	F6	F6	F6	F6
3/17/2010	XX	LFUD1X3I0	389	6.5	15.4	375	6	150	2.6	0.0006
4/27/2010	XX	LFUD1X3JD	356	7.5	13.4	245	6	160	0.2	0.0011
5/18/2010	XX	LFUD1X40G	F6	F6	F6	F6	F6	F6	F6	F6
6/22/2010	XX	LFUD1X415	F6	F6	F6	F6	F6	F6	F6	F6
7/20/2010	XX	LFUD1X42H	F6	F6	F6	F6	F6	F6	F6	F6
8/30/2010	XX	LFUD1X449	F6	F6	F6	F6	F6	F6	F6	F6
9/28/2010	XX	LFUD1X441	F6	F6	F6	F6	F6	F6	F6	F6
10/19/2010	XX	LFUD1X461	F6	F6	F6	F6	F6	F6	F6	F6
11/11/2010	XX	LFUD1X473	F6	F6	F6	F6	F6	F6	F6	F6
12/16/2010	XX	LFUD1X47J	H2	H2	H2	H2	H2	H2	H2	H2
1/24/2011	XX	LFUD1X47B	356	8	12.8	244	8	485	0	0.0006
2/24/2011	XX	LFUD1X4BG	483	7.1	13.6	310	5	345	2.3	0.0011
LF-UD-2										
7/28/2004	XX	LFUD2X05F	231	6.8	11.5	207	8	135	0	
8/30/2004	XX	LFUD2X081	H2	H2	H2	H2	H2	H2	H2	
9/27/2004	XX	LFUD2X087	280	6.9	11.1	206	6	125	0	
10/27/2004	XX	LFUD2X077	224	7.6	13.6	336	8	130	0	
11/23/2004	XX	LFUD2X102	224	7.6	8.4	234	6	100	1.2	
12/22/2004	XX	LFUD2X108	208	7.4	8.3	211	8	85	6.6	
1/26/2005	XX	LFUD2X11A	286	7.8	6.8	246	5	110	0	
2/24/2005	XX	LFUD2X11H	D	D	D	D	D	D	D	
3/29/2005	XX	LFUD2X14I	182	6.3	8.6	337	6	75	0	
4/28/2005	XX	LFUD2X153	H2	H2	H2	H2	H2	H2	H2	
5/11/2005	XX	LFUD2X138	193	6.8	14.6	306	8	145	0	
6/22/2005	XX	LFUD2X17B	265	7.5	14.4	240	6	135	1.2	
7/27/2005	XX	LFUD2X16G	187	7.5	18	320	6	125	1.2	
8/29/2005	XX	LFUD2X1B1	221	7.2	15.4	256	6	105	0.9	
9/21/2005	XX	LFUD2X19E	291	7.7	16.5	287	6	110	1.2	
10/21/2005	XX	LFUD2X1B6	225	8.3	9.8	210	5	105	2.4	
11/21/2005	XX	LFUD2X1BD	209	7.1	12.9	298	3	125	1.8	
12/27/2005	XX	LFUD2X1BJ	235	7.8	2.4	287	5	100	2.1	
1/23/2006	XX	LFUD2X1C4	218	7.6	9.7	413	6	95	1.3	
2/23/2006	XX	LFUD2X1C9	237	7.6	10.2	377	5	105	0.2	0.0067
3/15/2006	XX	LFUD2X1CG	232	7.5	10.3	423	5	110	1.3	0.0067
4/27/2006	XX	LFUD2X1FH	234	7.1	10.5	366	6	125	2.2	0.00668
5/24/2006	XX	LFUD2X1E9	204	7.1	15.2	403	6	120	0.8	0.00446
6/13/2006	XX	LFUD2X1I6	231	6.9	16.4	485	6	125	0	0.0067
7/25/2006	XX	LFUD2X1H6	235	7	19.3	187	6	160	1.4	0.0067
8/16/2006	XX	LFUD2X20I	230	7.4	18.3	377	5	80	0	0.0056
9/11/2006	XX	LFUD2X1JJ	134	7.3	16	255	6	115	0.8	0.0022

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-2)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
10/19/2006	XX	LFUD2X214	301	7.4	14.7	244	6	130	0.2	
11/21/2006	XX	LFUD2X21A	246	8.3	11	208	2	100	0	0.0056
12/5/2006	XX	LFUD2X21F	274	8.3	10.1	214	4	100	2	0.0067
1/24/2007	XX	LFUD2X248	305	6	3.8	336	4	100	2	0.0056
2/22/2007	XX	LFUD2X256	288	7.8	6.9	219	5	80	0	0.0056
3/21/2007	XX	LFUD2X25D	154	6.8	10.6	297	5	85	0.3	0.0022
4/26/2007	XX	LFUD2X260	250	7.9	16.7	202	6	110	0.6	0.0045
5/16/2007	XX	LFUD2X236	246	7.6	12.6	380	6	120	0.3	0.0033
6/21/2007	XX	LFUD2X28A	217	6.5	19.1	353	6	120	1.8	0.0045
7/25/2007	XX	LFUD2X27A	274	7.5	18.7	221	6	155	1.2	0.0045
8/16/2007	XX	LFUD2X2B0	252	7.2	18.3	315	6	140	0.5	0.0011
9/12/2007	XX	LFUD2X2A0	272	8.3	17	265	5	120	1.8	0.0011
10/24/2007	XX	LFUD2X2B6	377	8.3	12.9	221	6	140	1.2	0.0022
11/27/2007	XX	LFUD2X2BC	319	7.5	12.3	252	6	140	0.6	0.0045
12/18/2007	XX	LFUD2X2BI	248	8.1	6.2	302	6	75	1.4	0.0011
1/9/2008	XX	LFUD2X2C4	174	6.6	11.4	241	6	130	0.9	0.0045
2/25/2008	XX	LFUD2X2EG	249	7.7	9	344	5	105	1	0.0045
3/13/2008	XX	LFUD2X2F2	243	8	2.2	316	5	80	1.5	0.0045
4/17/2008	XX	LFUD2X2F8	246	7.3	15.4	311	5	90	0.3	0.0045
5/20/2008	XX	LFUD2X2DE	253	7.9	14.3	377	6	140	1.2	0.0045
6/9/2008	XX	LFUD2X2HI	257	7.5	17	294	5	75	0.1	0.0045
7/28/2008	XX	LFUD2X2GI	254	6.9	20.1	410	5	170	1.1	0.0033
8/28/2008	XX	LFUD2X308	430	7.9	19.9	353	5	140	1.4	0.0022
9/25/2008	XX	LFUD2X30E	224	7.1	17.7	216	6	95	0.6	0.0011
10/29/2008	XX	LFUD2X2J8	231	8.1	13.6	386	6	105	1	0.0022
11/17/2008	XX	LFUD2X310	253	8	12.3	372	6	120	1	0.0022
12/23/2008	XX	LFUD2X316	234	7.8	8.7	168	6	100	0.2	0.0045
1/14/2009	XX	LFUD2X33H	215	8	7.9	303	5	75	1	0.0045 A6
2/2/2009	XX	LFUD2X344	276	7.4	12.6	388	5	85	1.2	0.0022
3/11/2009	XX	LFUD2X34C	233	6.8	10.2	308	5	95	1.1	0.0022
4/15/2009	XX	LFUD2X32G	288	7.7	14.2	446	5	90	0.8	0.0045
5/28/2009	XX	LFUD2X350	331	7.4	18.3	238	6	140	4.8	0.0022
6/23/2009	XX	LFUD2X358	H2	H2	H2	H2	H2	H2	H2	H6
7/8/2009	XX	LFUD2X370	H2	H2	H2	H2	H2	H2	H2	H6
8/4/2009	XX	LFUD2X382	432	6.9	20.2	335	5	220	0.6	0.0022
9/1/2009	XX	LFUD2X38B	H2	H2	H2	H2	H2	H2	H2	H6
10/27/2009	XX	LFUD2X3EF	H2	H2	H2	H2	H2	H2	H2	H6
11/11/2009	XX	LFUD2X3FI	457	7.4	18.7	375	6	120	0.5	0.0033
12/8/2009	XX	LFUD2X3G8	320	8.2	12.6	221	6	130	0.4	0.0045
1/21/2010	XX	LFUD2X3H0	335	7.1	11.2	264	6	110	8.2	0.0056
2/23/2010	XX	LFUD2X3HC	309	8.2	15.1	201	6	155	0.2	0.0056
3/17/2010	XX	LFUD2X3I1	296	6.7	17.6	358	5	145	5.2	0.0078
4/27/2010	XX	LFUD2X3JE	250	8	12.9	248	6	140	0.5	0.0045
5/18/2010	XX	LFUD2X40H	286	7.8	19.1	315	4	100	1.1	0.0056
6/22/2010	XX	LFUD2X416	309	7.8	21.1	305	6	130	0.4	0.0045
7/20/2010	XX	LFUD2X42I	352	8	22.1	343	5	245	2.4	0.0223
8/30/2010	XX	LFUD2X44A	455	7.6	24.2	303	5	220	8.5	0.0011
9/28/2010	XX	LFUD2X442	499	7.2	20.3	340	6	175	0	0.0022
10/19/2010	XX	LFUD2X462	709	6.8	11.7	438	5	160	0	0.0006
11/11/2010	XX	LFUD2X474	323	8.2	13.1	245	4	135	0.5	0.0033

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LF-UD-2)										
12/16/2010	XX	LFUD2X480	H2	H2	H2	H2	H2	H2	H2	H2
1/24/2011	XX	LFUD2X47C	286	8	12	251	6	350	0	0.0011
2/24/2011	XX	LFUD2X4BH	328	7.6	16.1	321	6	260	0	0.0033
LF-UD-3A										
1/24/2007	XX	LFUD3X24C	482	6.2	7.5	372	4	90	1.8	0.0045
2/22/2007	XX	LFUD3X25A	471	8.3	5	209	5	110	0	0.0022
3/21/2007	XX	LFUD3X25H	249	7	9.7	278	5	135	0.4	0.0017
4/26/2007	XX	LFUD3X264	339	8	14.2	335	6	125	0	0.0045
5/16/2007	XX	LFUD3X246	386	8	11.1	373	6	150	0.3	0.0011
6/21/2007	XX	LFUD3X28E	443	6.8	19.8	300	6	195	2.1	0.0022
7/25/2007	XX	LFUD3X288	F6	F6	F6	F6	F6	F6	F6	F6
8/16/2007	XX	LFUD3X2B4	F6	F6	F6	F6	F6	F6	F6	F6
9/12/2007	XX	LFUD3X2AI	F6	F6	F6	F6	F6	F6	F6	F6
10/24/2007	XX	LFUD3X2BA	F6	F6	F6	F6	F6	F6	F6	F6
11/27/2007	XX	LFUD3X2BG	329	7.7	11.7	247	6	90	0.5	0.0033
12/18/2007	XX	LFUD3X2C2	219	7.8	6.8	356	6	85	1	0.0022
1/9/2008	XX	LFUD3X2C8	126	6.5	9.3	249	6	90	0.6	0.0067
2/25/2008	XX	LFUD3X2F0	294	7.9	7.7	302	5	105	0.8	0.0045
3/13/2008	XX	LFUD3X2F6	236	8.2	7.7	311	5	90	0	0.0056
4/17/2008	XX	LFUD3X2FC	311	7.2	14.9	315	6	190	0.9	0.0022
5/20/2008	XX	LFUD3X2EE	314	8	13.3	337	6	160	1.8	0.0045
6/9/2008	XX	LFUD3X2I2	269	7.4	15.8	288	6	150	1	0.0033
7/28/2008	XX	LFUD3X2HG	D	D	D	D	D	D	D	D
8/28/2008	XX	LFUD3X30C	D	D	D	D	D	D	D	D
9/25/2008	XX	LFUD3X30I	D	D	D	D	D	D	D	D
10/29/2008	XX	LFUD3X306	F6	F6	F6	F6	F6	F6	F6	F6
11/17/2008	XX	LFUD3X314	F6	F6	F6	F6	F6	F6	F6	F6
12/23/2008	XX	LFUD3X31A	D	D	D	D	D	D	D	D
1/14/2009	XX	LFUD3X341	F6	F6	F6	F6	F6	F6	F6	F6
2/2/2009	XX	LFUD3X348	F6	F6	F6	F6	F6	F6	F6	F6
3/11/2009	XX	LFXXXX34G	F6	F6	F6	F6	F6	F6	F6	F6
4/15/2009	XX	LFXXXX33F	411	8.1	14.8	447	5	200	0.5	0.0033
5/28/2009	XX	LFXXXX354	505	7.7	16.7	94	6	185	5	0.0003
6/23/2009	XX	LFXXXX35C	H2	H2	H2	H2	H2	H2	H2	H6
7/8/2009	XX	LFXXXX37I	H2	H2	H2	H2	H2	H2	H2	H6
8/4/2009	XX	LFXXXX386	401	6.9	19.7	274	6	275	1.8	0.0006
9/1/2009	XX	LFXXXX38F	H2	H2	H2	H2	H2	H2	H2	H6
10/27/2009	XX	LFXXXX3FC	H2	H2	H2	H2	H2	H2	H2	H6
11/11/2009	XX	LFXXXX3G2	F6	F6	F6	F6	F6	F6	F6	F6
12/8/2009	XX	LFUD3A3GC	439	8.4	10.3	215	5	170	0.5	0.0056
1/21/2010	XX	LFUD3A3H4	405	7.5	9.4	248	6	185	1.2	0.0033
2/23/2010	XX	LFUD3A3HG	402	8.2	13.6	215	5	190	0.1	0.0045
3/17/2010	XX	LFUD3A3I5	490	6.6	18.3	340	5	205	1.9	0.0067
4/27/2010	XX	LFXXXX40C	408	7.9	14.3	270	6	160	0.4	0.0045
5/18/2010	XX	LFUD3A411	400	7.9	19.1	315	5	160	0.5	0.0022
6/22/2010	XX	LFUD3A419	F6	F6	F6	F6	F6	F6	F6	F6
7/20/2010	XX	LFXXXX43G	F6	F6	F6	F6	F6	F6	F6	F6
8/30/2010	XX	LFUD3A44D	F6	F6	F6	F6	F6	F6	F6	F6
9/28/2010	XX	LFUD3A445	F6	F6	F6	F6	F6	F6	F6	F6

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LF-UD-3A)										
10/19/2010	XX	LFXXXX46J	F6	F6	F6	F6	F6	F6	F6	F6
11/11/2010	XX	LFUD3A477	565	8.2	14.7	201	5	200	0.6	0.0022
12/16/2010	XX	LFUD3A483	H2	H2	H2	H2	H2	H2	H2	H2
1/24/2011	XX	LFUD3A47F	385	8.1	14.2	255	8	475	0	0.0011
2/24/2011	XX	LFUD3A4C0	453	7.3	17.8	326	6	360	0	0.0022
LF-UD-3B										
3/11/2009	XX	LFXXXX34H	F6	F6	F6	F6	F6	F6	F6	F6
4/15/2009	XX	LFXXXX349	F6	F6	F6	F6	F6	F6	F6	F6
5/28/2009	XX	LFXXXX355	F6	F6	F6	F6	F6	F6	F6	F6
6/23/2009	XX	LFXXXX35D	H2	H2	H2	H2	H2	H2	H2	H6
7/8/2009	XX	LFXXXX37J	H2	H2	H2	H2	H2	H2	H2	H6
8/4/2009	XX	LFXXXX387	F6	F6	F6	F6	F6	F6	F6	F6
9/1/2009	XX	LFXXXX38G	H2	H2	H2	H2	H2	H2	H2	H6
10/27/2009	XX	LFXXXX3FD	H2	H2	H2	H2	H2	H2	H2	H6
11/11/2009	XX	LFXXXX3G3	F6	F6	F6	F6	F6	F6	F6	F6
12/8/2009	XX	LFUD3B3GD	F6	F6	F6	F6	F6	F6	F6	F6
1/21/2010	XX	LFUD3B3H5	F6	F6	F6	F6	F6	F6	F6	F6
2/23/2010	XX	LFUD3B3HH	F6	F6	F6	F6	F6	F6	F6	F6
3/17/2010	XX	LFUD3B3I6	F6	F6	F6	F6	F6	F6	F6	F6
4/27/2010	XX	LFXXXX40D	F6	F6	F6	F6	F6	F6	F6	F6
5/18/2010	XX	LFUD3B412	F6	F6	F6	F6	F6	F6	F6	F6
6/22/2010	XX	LFUD3B41A	F6	F6	F6	F6	F6	F6	F6	F6
7/20/2010	XX	LFXXXX43H	F6	F6	F6	F6	F6	F6	F6	F6
8/30/2010	XX	LFUD3B44E	F6	F6	F6	F6	F6	F6	F6	F6
9/28/2010	XX	LFUD3B446	F6	F6	F6	F6	F6	F6	F6	F6
10/19/2010	XX	LFXXXX470	F6	F6	F6	F6	F6	F6	F6	F6
11/11/2010	XX	LFUD3B478	F6	F6	F6	F6	F6	F6	F6	F6
12/16/2010	XX	LFUD3B484	H2	H2	H2	H2	H2	H2	H2	H2
1/24/2011	XX	LFUD3B47G	F6	F6	F6	F6	F6	F6	F6	F6
2/24/2011	XX	LFUD3B4C1	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-4										
3/11/2009	XX	LFXXXX34I	F6	F6	F6	F6	F6	F6	F6	F6
4/15/2009	XX	LFXXXX34A	366	7.2	13	491	6	120	0.8	0.0033
5/28/2009	XX	LFXXXX356	F6	F6	F6	F6	F6	F6	F6	F6
6/23/2009	XX	LFXXXX35E	H2	H2	H2	H2	H2	H2	H2	H6
7/8/2009	XX	LFXXXX380	H2	H2	H2	H2	H2	H2	H2	H6
8/4/2009	XX	LFXXXX388	F6	F6	F6	F6	F6	F6	F6	F6
9/1/2009	XX	LFXXXX38H	H2	H2	H2	H2	H2	H2	H2	H6
10/27/2009	XX	LFXXXX3FE	H2	H2	H2	H2	H2	H2	H2	H6
11/11/2009	XX	LFXXXX3G4	562	7.2	20	418	6	110	1.1	0.0045
12/8/2009	XX	LFUD4X3GE	470	8.3	12.1	218	5	115	0	0.0022
1/21/2010	XX	LFUD4X3H6	473	7.4	11.1	263	6	125	0	0.0056
2/23/2010	XX	LFUD4X3HI	406	7.8	14.1	212	5	170	0	0.0078
3/17/2010	XX	LFUD4X3I7	427	6.9	17.1	322	5	145	2.6	0.0067
4/27/2010	XX	LFXXXX40E	F6	F6	F6	F6	F6	F6	F6	F6
5/18/2010	XX	LFUD4X413	371	7.1	18.8	325	4	125	1.1	H6
6/22/2010	XX	LFUD4X41B	373	7	21.3	321	5	165	0	H6
7/20/2010	XX	LFXXXX43I	F6	F6	F6	F6	F6	F6	F6	F6

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SEVEE & MAHER ENGINEERS, INC.
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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LF-UD-4)										
8/30/2010	XX	LFUD4X44F	464	7.4	23.8	303	6	215	9.1	0.0011
9/28/2010	XX	LFUD4X447	F6	F6	F6	F6	F6	F6	F6	F6
10/19/2010	XX	LFXXXX471	F6	F6	F6	F6	F6	F6	F6	F6
11/11/2010	XX	LFUD4X479	459	7.3	14.7	233	4	125	0.2	H6
12/16/2010	XX	LFUD4X485	H2	H2	H2	H2	H2	H2	H2	H2
1/24/2011	XX	LFUD4X47H	H6	H6	H6	H6	H6	H6	H6	H6
2/24/2011	XX	LFUD4X4C2	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-5										
12/8/2009	XX	LFUD5X3GI	395	8.3	4.2	264	6	125	0.1	0.0067
1/21/2010	XX	LFUD5X3HA	350	7.6	6.1	309	5	120	0	0.0033
2/23/2010	XX	LFUD5X3HJ	337	7.9	7	220	6	135	0.4	0.0078
3/17/2010	XX	LFUD5X3I8	337	7.3	9.5	324	6	130	0.9	0.0056
4/27/2010	XX	LFXXXX40F	345	7.4	10.1	285	5	130	0.4	0.0045
5/18/2010	XX	LFUD5X414	349	7.6	12.3	285	5	105	0.2	0.0067
6/22/2010	XX	LFUD5X41C	355	7.7	18.9	328	6	140	6.5	0.0022
7/20/2010	XX	LFXXXX43J	407	7	19.1	213	6	200	1.5	0.0002
8/30/2010	XX	LFUD5X44G	470	7.8	23.3	324	6	245	8.1	0.0006
9/28/2010	XX	LFUD5X448	428	7	18.2	332	6	160	0	0.0033
10/19/2010	XX	LFXXXX472	652	6.9	10.9	434	5	150	4.2	0.0006
11/11/2010	XX	LFUD5X47A	440	8.1	10.7	238	4	150	9	0.0022
12/16/2010	XX	LFUD5X486	472	6.7	8.9	307	6	165	0	0.0022
1/24/2011	XX	LFUD5X47I	414	8	13.4	275	6	435	0	0.0045
2/24/2011	XX	LFUD5X4C3	515	7.3	16.1	354	5	375	1.2	0.0022
LF-UD-6										
2/3/2011	XX	LFXX6X48H	502	7.4	10.4	446	5	163	1	0.0006
2/24/2011	XX	LFUD6X4C5	640	7.2	12	353	6	87.5	4.2	0.0045
LP-COMP										
10/27/2004	XX	LPCOMPHD2	665	6.8	12.4	336	6	260	0	
10/21/2005	XX	LPXXXX1BB	483	7.5	10.2	222	3	125	1.2	
2/23/2006	XX	LPXXXX1CE	377	7.3	6.5	375	6	125	1.9	
6/13/2006	XX	LPCOMX1IB	260	7.3	16.2	371	5	175	1.2	
8/16/2006	XX	LPXXXX212	334	7.3	20.7	289	4	110	0	
12/5/2006	XX	LPXXXX21J	405	8.4	6.6	191	4	135	1.2	
1/24/2007	XX	LPXXXX24D	415	6.7	10.3	433	5	85	0.6	
2/22/2007	XX	LPXXXX25B	419	6.9	7.7	306	5	120	4	
LP-LD-1										
7/28/2004	XX	LPLD1X05I	835	7.5	12.4	277	6	300	1.9	
8/30/2004	XX	LPLD1X082	316	6.9	17.2	301	6	165	12.5	
9/27/2004	XX	LPLD1X088	630	7.4	19.7	277	5	325	1.1	
10/27/2004	XX	LPLD1X07A	467	7.9	12.4	326	5	200	3.4	
11/23/2004	XX	LPLD1X103	497	7.9	9.7	269	6	175	4.9	
12/22/2004	XX	LPLD1X109	487	7	7.5	195	8	250	15.4	
1/26/2005	XX	LPLD1X11B	D	D	D	D	D	D	D	
2/24/2005	XX	LPLD1X11I	168	7.5	4.3	265	5	85	0	
3/29/2005	XX	LPLD1X14J	56	6.4	3.2	360	5	35	0	
4/28/2005	XX	LPLD1X154	610	7.3	5.9	398	6	25	25	
5/11/2005	XX	LPLD1X13B	71	7.2	10.9	320	6	60	14	

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(LP-LD-1)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
6/22/2005	XX	LPLD1X17C	120	7.7	12.8	406	6	60	14.5	
7/27/2005	XX	LPLD1X16J	304	7	20.2	343	6	70	0.8	
8/29/2005	XX	LPLD1X1B2	539	6.7	15.9	281	4	160	6.7	
9/21/2005	XX	LPLD1X19H	944	7	16.4	305	6	425	4.5	
10/21/2005	XX	LPLD1X1B7	105	8.3	9.3	227	4	45	2.3	
11/21/2005	XX	LPLD1X1BE	124	7.6	11.6	238	5	60	1.8	
12/27/2005	XX	LPLD1X1C0	639	7.3	4.1	302	6	150	2.6	
1/23/2006	XX	LPLD1X1C5	670	7.5	5.5	398	6	225	1.1	
2/23/2006	XX	LPLD1X1CA	727	7.1	6.5	330	6	290	2.3	
3/15/2006	XX	LPLD1X1CH	402	6.8	3.8	431	6	90	1.7	
4/27/2006	XX	LPLD1X1FI	691	7.2	7.3	353	6	200	3.6	
5/24/2006	XX	LPLD1X1EC	207	7.5	11.6	367	6	75	1.2	
6/13/2006	XX	LPLD1X1I7	103	7	13	460	5	50	3.1	
7/25/2006	XX	LPLD1X1H9	555	6.5	19.6	397	5	280	1.2	
8/16/2006	XX	LPLD1X20J	693	7.5	19	349	4	195	0	
9/11/2006	XX	LPLD1X202	805	7.1	14.9	286	6	135	1.3	
10/19/2006	XX	LPLD1X215	301	7.2	13.2	236	6	130	1.8	
11/21/2006	XX	LPLD1X21B	240	7.6	10	168	6	90	1.2	
12/5/2006	XX	LPLD1X21G	399	7.8	4	330	5	50	5.5	
1/24/2007	XX	LPLD1X249	357	6.5	9.2	419	4	50	3.5	
2/22/2007	XX	LPLD1X257	517	7	3.7	227	6	130	0	
3/21/2007	XX	LPLD1X25E	L	L	L	L	L	L	L	
4/26/2007	XX	LPLD1X261	212	7.2	7.2	342	5	80	5.1	
5/16/2007	XX	LPLD1X239	500	6.6	10.1	270	5	200	2.5	
6/21/2007	XX	LPLD1X28B	453	6.4	10.8	314	6	210	2.2	
7/25/2007	XX	LPLD1X27D	788	7.2	18.6	232	3	325	2.9	
8/16/2007	XX	LPLD1X2B1	781	7.2	14.9	244	6	355	2.8	
9/12/2007	XX	LPLD1X2A3	695	7.7	15.9	115	4	370	2.6	
10/24/2007	XX	LPLD1X2B7	774	8.1	12.8	176	6	60	1.2	
11/27/2007	XX	LPLD1X2BD	187	7.7	7.3	252	6	55	2.2	
12/18/2007	XX	LPLD1X2BJ	545	5.8	3.1	322	6	50	1.1	
1/9/2008	XX	LPLD1X2C5	329	6.9	7.4	258	6	250	0.8	
2/25/2008	XX	LPLD1X2EH	303	7.8	5.2	336	6	110	0.6	
3/13/2008	XX	LPLD1X2F3	192	8.3	1.2	321	5	60	1.7	
4/17/2008	XX	LPLD1X2F9	121	7.9	7.2	293	6	60	2.7	
5/20/2008	XX	LPLD1X2DH	129	8.1	8.8	379	6	70	2.2	
6/9/2008	XX	LPLD1X2HJ	140	7.9	12.3	307	6	45	1.6	
7/28/2008	XX	LPLD1X2H1	252	6.9	22.6	391	4	115	0	
8/28/2008	XX	LPLD1X309	430	7.8	15.8	293	3	125	1.8	
9/25/2008	XX	LPLD1X30F	254	7.1	14.9	226	3	115	0.7	
10/29/2008	XX	LPLD1X2JB	290	7.6	9.4	383	5	115	1.2	
11/17/2008	XX	LPLD1X311	331	7.7	10.3	354	6	160	1.2	
12/23/2008	XX	LPLD1X317	321	7.7	6.9	210	5	95	1.1	
1/14/2009	XX	LPLD1X33I	292	8.6	4.1	169	5	55	0.7	
2/2/2009	XX	LPLD1X345	315	7.6	5.7	371	5	95	1.7	
3/11/2009	XX	LPLD1X34D	A	A	A	A	A	A	A	
4/15/2009	XX	LPLD1X32J	627	6.6	7.4	503	5	130	0.5	
5/28/2009	XX	LPLD1X351	366	7	14.6	283	6	120	2.3	
6/23/2009	XX	LPLD1X359	180	8	11.1	327	4	40	8.7	
7/8/2009	XX	LPLD1X373	145	7.6	17.1	246	4	35	0.3	

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Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LP-LD-1)										
8/4/2009	XX	LPLD1X383	154	6.7	23.5	260	5	55	0.9	
9/1/2009	XX	LPLD1X38C	162	7.4	17.6	317	5	70	1.7	
10/27/2009	XX	LPLD1X3EI	227	7.8	11.2	409	5	30	3.6	
11/11/2009	XX	LPLD1X3FJ	328	7.1	12.2	408	5	65	1.6	
12/8/2009	XX	LPLD1X3G9	310	7.8	7.1	286	4	90	0	
1/21/2010	XX	LPLD1X3H1	337	7.5	6.2	309	3	95	0	
2/23/2010	XX	LPLD1X3HD	241	7.4	6.3	220	6	105	0.1	
3/17/2010	XX	LPLD1X3I2	202	7.4	8.2	313	6	140	2.3	
4/27/2010	XX	LPLD1X3JH	343	6.4	7.8	295	5	100	0.5	
7/20/2010	XX	LPLD1X431	406	6.6	14.2	408	5	210	2.4	
10/19/2010	XX	LPLD1X465	536	6.9	9.2	324	4	110	0.3	
LP-UD-1										
7/28/2004	XX	LPUD1X05G	D	D	D	D	D	D	D	
8/30/2004	XX	LPUD1X083	D	D	D	D	D	D	D	
9/27/2004	XX	LPUD1X089	D	D	D	D	D	D	D	
10/27/2004	XX	LPUD1X078	H2	H2	H2	H2	H2	H2	H2	
11/23/2004	XX	LPUD1X104	D	D	D	D	D	D	D	
12/22/2004	XX	LPUD1X10A	D	D	D	D	D	D	D	
1/26/2005	XX	LPUD1X11C	D	D	D	D	D	D	D	
2/24/2005	XX	LPUD1X11J	D	D	D	D	D	D	D	
3/29/2005	XX	LPUD1X150	517	6.8	8.3	368	5	125	0	
4/28/2005	XX	LPUD1X155	D	D	D	D	D	D	D	
5/11/2005	XX	LPUD1X139	D	D	D	D	D	D	D	
6/22/2005	XX	LPUD1X17D	D	D	D	D	D	D	D	
7/27/2005	XX	LPUD1X16H	D	D	D	D	D	D	D	
8/29/2005	XX	LPUD1X1B3	D	D	D	D	D	D	D	
9/21/2005	XX	LPUD1X19F	D	D	D	D	D	D	D	
11/21/2005	XX	LPUD1X1BF	D	D	D	D	D	D	D	
12/27/2005	XX	LPUD1X1C1	D	D	D	D	D	D	D	
1/23/2006	XX	LPUD1X1C6	F6	F6	F6	F6	F6	F6	F6	
3/15/2006	XX	LPUD1X1CI	D	D	D	D	D	D	D	
4/27/2006	XX	LPUD1X1FJ	D	D	D	D	D	D	D	
5/24/2006	XX	LPUD1X1EA	D	D	D	D	D	D	D	
6/13/2006	XX	LPUD1X1I8	H5	H5	H5	H5	H5	H5	H5	
7/26/2006	XX	LPUD1X1H7	F6	F6	F6	F6	F6	F6	F6	
8/16/2006	XX	LPUD1X210	H5	H5	H5	H5	H5	H5	H5	
9/11/2006	XX	LPUD1X200	F6	F6	F6	F6	F6	F6	F6	
10/19/2006	XX	LPUD1X216	F6	F6	F6	F6	F6	F6	F6	
11/21/2006	XX	LPUD1X21C	D	D	D	D	D	D	D	
12/5/2006	XX	LPUD1X21H	H5	H5	H5	H5	H5	H5	H5	
1/24/2007	XX	LPUD1X24A	H5	H5	H5	H5	H5	H5	H5	
2/22/2007	XX	LPUD1X258	H5	H5	H5	H5	H5	H5	H5	
3/21/2007	XX	LPUD1X25F	F6	F6	F6	F6	F6	F6	F6	
4/26/2007	XX	LPUD1X262	F6	F6	F6	F6	F6	F6	F6	
5/16/2007	XX	LPUD1X237	F6	F6	F6	F6	F6	F6	F6	
6/21/2007	XX	LPUD1X28C	F6	F6	F6	F6	F6	F6	F6	
7/25/2007	XX	LPUD1X27B	F6	F6	F6	F6	F6	F6	F6	
8/16/2007	XX	LPUD1X2B2	F6	F6	F6	F6	F6	F6	F6	
9/12/2007	XX	LPUD1X2A1	F6	F6	F6	F6	F6	F6	F6	

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CUMBERLAND CENTER, ME 04021

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
(LP-UD-1)										
10/24/2007	XX	LPUD1X2B8	F6	F6	F6	F6	F6	F6	F6	
11/27/2007	XX	LPUD1X2BE	F6	F6	F6	F6	F6	F6	F6	
12/18/2007	XX	LPUD1X2C0	F6	F6	F6	F6	F6	F6	F6	
1/9/2008	XX	LPUD1X2C6	F6	F6	F6	F6	F6	F6	F6	
2/25/2008	XX	LPUD1X2EI	F6	F6	F6	F6	F6	F6	F6	
3/13/2008	XX	LPUD1X2F4	F6	F6	F6	F6	F6	F6	F6	
4/17/2008	XX	LPUD1X2FA	F6	F6	F6	F6	F6	F6	F6	
5/20/2008	XX	LPUD1X2DF	F6	F6	F6	F6	F6	F6	F6	
6/9/2008	XX	LPUD1X2I0	F6	F6	F6	F6	F6	F6	F6	
7/28/2008	XX	LPUD1X2GJ	D	D	D	D	D	D	D	
8/28/2008	XX	LPUD1X30A	D	D	D	D	D	D	D	
9/25/2008	XX	LPUD1X30G	F6	F6	F6	F6	F6	F6	F6	
10/29/2008	XX	LPUD1X2J9	F6	F6	F6	F6	F6	F6	F6	
11/17/2008	XX	LPUD1X312	F6	F6	F6	F6	F6	F6	F6	
12/23/2008	XX	LPUD1X318	D	D	D	D	D	D	D	
1/14/2009	XX	LPUD1X33J	F6	F6	F6	F6	F6	F6	F6	
2/2/2009	XX	LPUD1X346	F6	F6	F6	F6	F6	F6	F6	
3/11/2009	XX	LPUD1X34E	F6	F6	F6	F6	F6	F6	F6	
4/15/2009	XX	LPUD1X32H	F6	F6	F6	F6	F6	F6	F6	
5/28/2009	XX	LPUD1X352	F6	F6	F6	F6	F6	F6	F6	
6/23/2009	XX	LPUD1X35A	F6	F6	F6	F6	F6	F6	F6	
7/8/2009	XX	LPUD1X371	F6	F6	F6	F6	F6	F6	F6	
8/4/2009	XX	LPUD1X384	F6	F6	F6	F6	F6	F6	F6	
9/1/2009	XX	LPUD1X38D	F6	F6	F6	F6	F6	F6	F6	
10/27/2009	XX	LPUD1X3EG	F6	F6	F6	F6	F6	F6	F6	
11/11/2009	XX	LPUD1X3G0	F6	F6	F6	F6	F6	F6	F6	
12/8/2009	XX	LPUD1X3GA	F6	F6	F6	F6	F6	F6	F6	
1/21/2010	XX	LPUD1X3H2	F6	F6	F6	F6	F6	F6	F6	
2/23/2010	XX	LPUD1X3HE	F6	F6	F6	F6	F6	F6	F6	
3/17/2010	XX	LPUD1X3I3	F6	F6	F6	F6	F6	F6	F6	
4/27/2010	XX	LPUD1X3JF	F6	F6	F6	F6	F6	F6	F6	
5/18/2010	XX	LPUD1X40J	F6	F6	F6	F6	F6	F6	F6	
6/22/2010	XX	LPUD1X417	F6	F6	F6	F6	F6	F6	F6	
7/20/2010	XX	LPUD1X42J	F6	F6	F6	F6	F6	F6	F6	
8/30/2010	XX	LPUD1X44B	F6	F6	F6	F6	F6	F6	F6	
9/28/2010	XX	LPUD1X443	F6	F6	F6	F6	F6	F6	F6	
10/19/2010	XX	LPUD1X463	F6	F6	F6	F6	F6	F6	F6	
11/11/2010	XX	LPUD1X475	F6	F6	F6	F6	F6	F6	F6	
12/16/2010	XX	LPUD1X481	F6	F6	F6	F6	F6	F6	F6	
1/24/2011	XX	LPUD1X47D	F6	F6	F6	F6	F6	F6	F6	
2/24/2011	XX	LPUD1X4BI	F6	F6	F6	F6	F6	F6	F6	
LP-UD-2										
7/28/2004	XX	LPUD2X05H	480	6.6	12	332	6	180	0	
8/30/2004	XX	LPUD2X084	519	6.1	16	328	6	175	1.6	
9/27/2004	XX	LPUD2X08A	522	6.9	19.9	322	3	265	0	
10/27/2004	XX	LPUD2X079	656	6.8	12.6	311	5	290	0	
11/23/2004	XX	LPUD2X105	574	7.6	9.8	311	5	185	4.1	
12/22/2004	XX	LPUD2X10B	834	7.2	7.6	243	8	250	3.7	
1/26/2005	XX	LPUD2X11D	580	7.2	6.2	262	5	165	0	

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LP-UD-2)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
2/24/2005	XX	LPUD2X120	498	6.6	6.1	260	6	190	0.4	
3/29/2005	XX	LPUD2X151	517	6.8	8.3	368	5	125	0	
4/28/2005	XX	LPUD2X156	414	6.9	6.4	335	6	205	5.1	
5/11/2005	XX	LPUD2X13A	377	6.7	10.2	339	8	200	0	
6/22/2005	XX	LPUD2X17E	411	7.6	13.3	377	6	155	4.1	
7/27/2005	XX	LPUD2X16I	375	6.9	16.2	302	4		0.9	
8/29/2005	XX	LPUD2X1B4	396	6.7	15.6	253	4	125	60	
9/21/2005	XX	LPUD2X19G	374	7.1	15.3	245	6	190	0	
11/21/2005	XX	LPUD2X1BG	353	7.4	11.8	234	5	155	2.1	
12/27/2005	XX	LPUD2X1C2	430	7.1	4.7	273	6	150	2.5	
1/23/2006	XX	LPUD2X1C7	405	7.2	7.2	273	6	180	1.6	
3/15/2006	XX	LPUD2X1CJ	373	6.8	7.9	324	5	100	1.9	
4/27/2006	XX	LPUD2X1G0	332	7.4	7.2	329	6	130	4.6	
5/24/2006	XX	LPUD2X1EB	349	7.5	12.8	249	5	175	1.5	
6/13/2006	XX	LPUD2X1I9	H5	H5	H5	H5	H5	H5	H5	
7/25/2006	XX	LPUD2X1H8	342	6.4	20.8	231	6	165	1	
8/16/2006	XX	LPUD2X211	H5	H5	H5	H5	H5	H5	H5	
9/11/2006	XX	LPUD2X201	372	6.7	14.9	283	6	110	1.3	
10/19/2006	XX	LPUD2X217	352	7.1	13	246	5	130	2.2	
11/21/2006	XX	LPUD2X21D	289	6.9	10.6	224	1	125	0.8	
12/5/2006	XX	LPUD2X21I	H5	H5	H5	H5	H5	H5	H5	
1/24/2007	XX	LPUD2X24B	H5	H5	H5	H5	H5	H5	H5	
2/22/2007	XX	LPUD2X259	H5	H5	H5	H5	H5	H5	H5	
3/21/2007	XX	LPUD2X25G	210	6.9	8.3	357	5	90	0	
4/26/2007	XX	LPUD2X263	352	7	11.4	263	5	135	1.2	
5/16/2007	XX	LPUD2X238	350	6.6	8.9	423	5	170	0.3	
6/21/2007	XX	LPUD2X28D	289	5.9	12.6	330	6	165	2.8	0.0006
7/25/2007	XX	LPUD2X27C	250	7.4	16	359	6	165	3.4	0.0006
8/16/2007	XX	LPUD2X2B3	334	6.7	16	321	6	125	1.8	0.0006
9/12/2007	XX	LPUD2X2A2	350	6.8	16.1	414	6	140	0.8	0.0006
10/24/2007	XX	LPUD2X2B9	464	7	12.1	273	6	125	0.8	0.0006
11/27/2007	XX	LPUD2X2BF	335	7.4	9.7	259	6	110	0.8	0.0006
12/18/2007	XX	LPUD2X2C1	322	7.6	6.6	323	6	115	1.3	0.0006
1/9/2008	XX	LPUD2X2C7	226	6.8	8.6	244	6	135	1.2	0.0033
2/25/2008	XX	LPUD2X2EJ	333	6.9	6.7	368	6	115	1.5	H6
3/13/2008	XX	LPUD2X2F5	309	7.5	2.9	356	5	70	0	H6
4/17/2008	XX	LPUD2X2FB	302	7.3	9.4	311	5	125	0	H6
5/20/2008	XX	LPUD2X2DG	324	7.5	10.6	388	6	145	1.8	0.0033
6/9/2008	XX	LPUD2X2I1	308	7.1	13.6	373	5	100	0	H6
7/28/2008	XX	LPUD2X2H0	306	6.7	23.8	367	4	140	1	H6
8/28/2008	XX	LPUD2X30B	521	7.3	16.5	325	6	120	0.5	0.0006
9/25/2008	XX	LPUD2X30H	273	6.9	15.4	218	5	110	0.3	H6
10/29/2008	XX	LPUD2X2JA	284	7.6	10.1	511	6	115	1.6	0.0089
11/17/2008	XX	LPUD2X313	282	7.6	9.8	342	5	100	1.3	0.0033
12/23/2008	XX	LPUD2X319	283	7.7	6	220	6	80	2	0.0022 A6
1/14/2009	XX	LPUD2X340	277	7.2	3.1	318	6	70	8.3	0.0022 A6
2/2/2009	XX	LPUD2X347	327	7.4	5.4	364	6	115	4.5	0.0011
3/11/2009	XX	LPUD2X34F	257	6.9	4.9	375	5	100	2.6	0.0033
4/15/2009	XX	LPUD2X32I	311	7.1	10.7	520	6	85	0.8	0.0045
5/28/2009	XX	LPUD2X353	380	7	11.6	307	6	135	4.8	0.0022

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FOR: Juniper Ridge Landfill

SUMMARY REPORT

Underdrain and Leak Detection Field Data

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LP-UD-2)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH Standard Units	Temperature Degrees Celcius	Corrected Eh mV	Dissolved Oxygen mg/L	Alkalinity (CaCO3) (field) mg/L	Turbidity (field) NTU	Flow Rate cfs
6/23/2009	XX	LPUD2X35B	296	7.2	13.1	277	5	115	0.6	0.0022
7/8/2009	XX	LPUD2X372	313	7.4	14.1	158	5	125	0	0.0045
8/4/2009	XX	LPUD2X385	311	6.6	18.3	371	6	225	0.9	0.0022
9/1/2009	XX	LPUD2X38E	279	6.6	18.8	319	6	135	0.8	0.0056
10/27/2009	XX	LPUD2X3EH	353	7	10	179	6	50	1.5	0.0045
11/11/2009	XX	LPUD2X3G1	439	7.3	13.6	377	5	100	0.5	0.0045
12/8/2009	XX	LPUD2X3GB	363	7.8	7	230	4	115	0.5	0.0045
1/21/2010	XX	LPUD2X3H3	370	7.5	6.6	301	5	120	0	0.0045
2/23/2010	XX	LPUD2X3HF	353	7.5	7.4	210	5	150	0.2	0.0033
3/17/2010	XX	LPUD2X3I4	324	7.3	9.5	291	6	110	0.9	0.0056
4/27/2010	XX	LPUD2X3JG	324	6.7	8.8	274	6	110	0	0.0045
5/18/2010	XX	LPUD2X410	318	7.3	12	336	5	80	0.2	0.0022
6/22/2010	XX	LPUD2X418	379	7.1	14.9	358	5	110	0	0.0045
7/20/2010	XX	LPUD2X430	315	7.2	19.5	385	6	160	5.9	0.0022
8/30/2010	XX	LPUD2X44C	355	7.2	18.5	271	5	165	0.2	0.0006
9/28/2010	XX	LPUD2X444	312	6.9	17.7	295	6	155	0	0.0022
10/19/2010	XX	LPUD2X464	480	7	10.1	407	6	110	0.1	0.0067
11/11/2010	XX	LPUD2X476	317	7.7	8.9	231	4	125	0	0.0045
12/16/2010	XX	LPUD2X482	331	6.9	7.7	307	5	115	0	0.0045
1/24/2011	XX	LPUD2X47E	302	8	10	273	10	350	0	0.0056
2/24/2011	XX	LPUD2X4BJ	341	7.3	8.4	358	6	260	0	0.0056

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

A - The sampling location was Inaccessible
A6 - Approximate value.
D - The sampling location was dry.
F6 - No flow. Sample not taken.
H2 - Waterlevel higher than pipes. See LF-COMP for readings
H5 - Waterlevel higher than pipes. See LP-COMP for readings
H6 - Pipe under water, could not measure flow.
I - The sampling location yielded insufficient quantity to collect a sample.
L - Could not locate sampling location.

APPENDIX F

SUMMARY OF LEACHATE POND UNDERDRAIN AVERAGE DAILY SPECIFIC CONDUCTANCE MEASUREMENTS

Juniper Ridge Landfill

Date	Landfill Data
	Pond UD Cond(uS/cm)
01/01/10	403
01/02/10	406
01/03/10	400
01/04/10	402
01/05/10	404
01/06/10	407
01/07/10	409
01/08/10	411
01/09/10	416
01/10/10	420
01/11/10	419
01/12/10	418
01/13/10	419
01/14/10	417
01/15/10	415
01/16/10	415
01/17/10	417
01/18/10	417
01/19/10	406
01/20/10	383
01/21/10	368
01/22/10	367
01/23/10	368
01/24/10	368
01/25/10	368
01/26/10	363
01/27/10	342
01/28/10	346
01/29/10	355
01/30/10	362
01/31/10	364
Total	

APPENDIX G

2010 AND HISTORICAL GAS MEASUREMENT DATA

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
DP-4	DP-4 is located downgradient of the leachate pond and monitors groundwater quality within the overburden.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20.3	
8/1/2005	0.1 US		0		20.3	
9/20/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		21	0
5/22/2006	0.1 US		0		21.1	0
7/26/2006	0.1 US		0		20.7	0
9/11/2006	0.1 US		0		19.7	0
10/4/2006	0.1 US		0		18.6	0
5/15/2007	0.1 US		0		20.6	0
7/25/2007	0.1 US		0		20.2	0
9/10/2007	0.1 US		0		20.3	0
5/19/2008	0.1 US		0		21.1	0
7/29/2008	0.1 US		0		21	0
10/29/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		21	0
7/6/2009	0.1 US		0		20.6	0
10/26/2009	0.1 US		0		20.4	0
4/26/2010	0.1 US		0		19.8	0
7/19/2010	0.1 US		0		20.4	0
10/18/2010	0.1 US	0.1 US	0	0	21.2	0
LF-UD	Manhole					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20.7	
8/1/2005	0.1 US		0		19.8	
9/21/2005	0.1 US		0		20.6	
12/27/2005	0.1 US		0		20.9	0
5/22/2006	0.1 US		0		20.5	0
7/26/2006	0.1 US		0		20	0
9/11/2006	0.1 US		0		20.5	0
10/4/2006	0.1 US		0		18.6	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.3	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		21.1	0
7/28/2008	0.1 US		0		19.9	0
10/29/2008	0.1 US		0		M	0
4/15/2009	0.1 US		0		20.4	0
7/7/2009	0.1 US		0		20.6	0
10/27/2009	0.1 US		0		20.2	0
4/27/2010	0.1 US		0		20.5	0
7/21/2010	0.1 US		0		20.1	0
10/19/2010	0.1 US	0.1 US	0	0	21	0
LP-LD	Manhole					
8/4/2004	0.1 US					
10/27/2004	0.1 US					

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
LP-LD	Manhole					
5/9/2005	0.1		0		20.7	
8/1/2005	0.1 US		0		20.2	
9/21/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.5	0
7/26/2006	0.1 US		0		20	0
9/11/2006	0.1 US		0		20.5	0
10/4/2006	0.1 US		0		18.6	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.4	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		20.8	0
10/29/2008	0.1 US		0		M	0
4/15/2009	0.1 US		0		19.8	0
7/7/2009	0.1 US		0		20.6	0
10/27/2009	0.1 US		0		20.1	0
4/27/2010	0.1 US		0		20.6	0
7/19/2010	0.1 US		0		20.4	0
10/19/2010	0.1 US	0.1 US	0	0	21	0
LP-UD	LP-UD is a composite sample from the leachate pond underdrain.					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.7	
8/1/2005	0.1 US		0		19.8	
9/21/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.1 US		0		20	0
9/11/2006	0.1 US		0		20.6	0
10/4/2006	0.1 US		0		18.3	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.3	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		19.8	0
10/29/2008	0.1 US		0		M	0
4/15/2009	0.1 US		0		20.3	0
7/7/2009	0.1 US		0		20.7	0
10/27/2009	0.1 US		0		20.1	0
4/27/2010	0.1 US		0		20.1	0
7/21/2010	0.1 US		0		20.6	0
10/19/2010	0.1 US	0.1 US	0	0	21	0
LT-C4L	New leachate location at cell 4					
4/14/2009	0.1 US		0		21.2	0
7/7/2009	0.1 US		0		20.7	0
10/28/2009	0.1 US		0		20.2	0
4/27/2010	0.1 US		0		20.5	0
7/21/2010	0.1 US		0		20.1	0

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
LT-C4L	New leachate location at cell 4					
10/19/2010	0.1 US	0.1 US	0	0	21.4	0
MW04-101	In proximity of Leachate Pond					
3/25/2005	0.1 US					
7/25/2005	0.1 US		0		20.4	
9/20/2005	0.1 US		3		20.8	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.1 US		0		20.4	0
9/11/2006	0.1 US		0		20.6	0
10/4/2006	0.1 US		0		19.7	0
5/15/2007	0.1 US		0		19.9	0
7/25/2007	0.1 US		0		20.5	0
9/10/2007	0.1 US		0		20.2	0
5/21/2008	0.1 US		0		20.2	0
7/29/2008	0.1 US		0		20.8	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.9	0
7/7/2009	0.1 US		0		20.5	0
10/27/2009	0.1 US		0		20.2	0
MW04-102	MW04-102 monitors groundwater in the overburden downgradient of the landfill and upgradient of Stormwater Detention Pond-1.					
3/25/2005	0.1 US					
7/25/2005	0.1 US		0		20.5	
9/20/2005	0.1 US		4		20.6	
12/27/2005	0.1 US		0		20.7	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		20.4	0
9/11/2006	0.1 US		0		20.7	0
10/4/2006	0.1 US		0		19.8	0
5/15/2007	0.1 US		0		19.8	0
7/25/2007	0.1 US		0		20.5	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		21.2	0
7/29/2008	0.1 US		0		20.8	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.7	0
7/7/2009	0.1 US		0		20.6	0
10/27/2009	0.1 US		0		20.7	0
4/27/2010	0.1 US		0		20.8	0
7/21/2010	0.1 US		0		20.1	0
10/19/2010	0.1 US	0.1 US	0	0	21.1	0
MW04-103	In proximity of Leachate Pond					
3/25/2005	0.1 US					
7/25/2005	0.1 US		0		20.8	
9/22/2005	0.1 US		0		20.8	
12/27/2005	A		A		A	A
5/22/2006	A		A		A	A
7/26/2006	A		A		A	A
9/11/2006	!		!		!	!

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW04-104	In proximity of Leachate Pond					
3/25/2005	0.1 US					
7/25/2005	0.1 US		0		20.2	
9/20/2005	0.1 US		8		20.8	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.1 US		0		20.3	0
9/11/2006	0.1 US		0		20.1	0
10/4/2006	0.1 US		0		19.8	0
5/15/2007	0.1 US		0		21	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.2	0
5/21/2008	0.1 US		0		20.3	0
7/29/2008	0.1 US		0		20.8	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.1	0
7/6/2009	0.1 US		0		19.7	0
10/27/2009	0.1 US		0		20.6	0
MW04-105	MW04-105 monitors groundwater in the overburden downgradient of the landfill and Stormwater Detention Pond-1.					
3/25/2005	0.1 US					
7/25/2005	0.1 US		0		20.1	
9/20/2005	0.1 US		9		20.9	
12/27/2005	0.1 US		0		20.9	0
5/22/2006	0.1 US		0		20.8	0
7/26/2006	0.1 US		0		20.3	0
9/11/2006	0.1 US		0		20.2	0
10/4/2006	0.1 US		0		19.7	0
5/15/2007	0.1 US		0		21.3	0
7/25/2007	0.1 US		0		20.5	0
9/10/2007	0.1 US		0		20.3	0
5/19/2008	0.1 US		0		21	0
7/29/2008	0.1 US		0		20.9	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20	0
7/6/2009	0.1 US		0		19.8	0
10/26/2009	0.1 US		0		20.6	0
4/27/2010	0.1 US		0		20.7	0
7/19/2010	0.1 US		0		20.5	0
10/18/2010	0.1 US	0.1 US	0	0	21.2	0
MW04-106	In proximity of Leachate Pond					
3/25/2005	0.1 US					
7/25/2005	0.1 US		0		20.1	
9/20/2005	0.1 US		6		20.8	
12/27/2005	0.1 US		0		20.6	0
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.1 US		0		19.7	0
9/11/2006	0.1 US		0		20.7	0
10/4/2006	0.1 US		0		19.7	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.5	0

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW04-106	In proximity of Leachate Pond					
9/10/2007	0.1 US		0		20.1	0
5/20/2008	DE		DE		DE	DE
MW04-107	In proximity of Leachate Pond					
3/25/2005	0.1 US					
7/26/2005	0.1 US		0		20.7	
9/21/2005	0.1 US		3		20.6	
12/27/2005	!		!		!	!
5/22/2006	!		!		!	!
7/26/2006	!		!		!	!
9/11/2006	!		!		!	!
MW04-109	MW04-109 monitors groundwater in the overburden downgradient of the landfill and Stormwater Detention Pond-2.					
3/25/2005	0.1 US					
7/26/2005	0.1 US		0		19.2	
9/20/2005	0.1 US		5		20.9	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.8	0
7/26/2006	0.1 US		0		20.5	0
9/11/2006	0.1 US		0		19.5	0
10/4/2006	0.1 US		0		19.8	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.3	0
5/19/2008	0.1 US		0		20.9	0
7/29/2008	0.1 US		0		20.9	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.9	0
7/6/2009	DE		DE		DE	DE
MW04-109R	MW04-109R is located to the south of Cell 5 of the expansion landfill and near manhole #5. This well monitors water quality within the overburden.					
4/27/2010	0.1 US		0		20.8	0
7/20/2010	0.1 US		0		20.4	0
10/19/2010	0.1 US	0.1 US	0	0	21.3	0
MW04-110	In proximity of Leachate Pond					
3/25/2005	0.1 US					
7/26/2005	0.1 US		0		19.3	
9/20/2005	0.1 US		4		20.9	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.8	0
7/26/2006	0.1 US		0		20.6	0
9/11/2006	0.1 US		0		19.5	0
10/4/2006	0.1 US		0		19.8	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.3	0
5/21/2008	0.1 US		0		20.5	0
7/29/2008	0.1 US		0		20.8	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.6	0

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW04-110	In proximity of Leachate Pond					
7/6/2009	DE		DE		DE	DE
MW09-901	MW09-901 is located to the south of Cell 5 and detention pond #2 of the expansion landfill. This well monitors water quality within the overburden.					
4/27/2010	0.1 US		0		20.7	0
7/20/2010	0.1 US		0		20.3	0
10/19/2010	0.1 US	0.1 US	0	0	21.3	0
MW-204	MW-204 monitors the overburden water quality downgradient from the landfill.					
5/5/2004	0.1 US					
8/4/2004	23					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20.3	
8/1/2005	0.1 US		0		20.1	
9/20/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.9	0
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.9		0		19.7	1.7
9/11/2006	0.1 US		0		18.9	0
10/4/2006	0.1 US		0		19.1	0
5/15/2007	0.1 US		0		20.8	0
7/25/2007	0.1 US		0		20.2	0
9/10/2007	0.1 US		0		20.4	0
5/21/2008	0.1 US		0		20.4	0
7/30/2008	0.8		0		18.7	1.9
10/28/2008	5.3		0		M	2.9
4/13/2009	0.1 US		0		20.9	0
7/6/2009	0.1 US		0		19.7	0
10/26/2009	0.1 US		0		20.6	0
4/27/2010	0.1 US		0		20.5	0
7/19/2010	0.1 US		0		20.4	0
10/19/2010	0.1 US	0.1 US	0	0	21.2	0
MW-206	MW-206 monitors overburden water quality upgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		21.6	
8/1/2005	0.1 US		0		20.3	
9/19/2005	0.1 US		5		20.5	
12/27/2005	0.1 US		0		20.7	0
5/22/2006	0.1 US		0		20.8	0
7/26/2006	0.1 US		0		20.4	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		19.2	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.2	0
5/20/2008	0.1 US		0		20.1	0
7/29/2008	0.1 US		0		20.9	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20	0

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-206	MW-206 monitors overburden water quality upgradient of the landfill.					
7/6/2009	0.1 US		0		19.7	0
10/28/2009	0.1 US		0		20.7	0
4/26/2010	0.1 US		0		20.4	0
7/19/2010	0.1 US		0		20	0
10/18/2010	0.1 US	0.1 US	0	0	21.1	0
MW-207	MW-207 monitors bedrock groundwater quality upgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.2	
8/1/2005	0.1 US		0		20.4	
9/19/2005	0.1 US		0		20.6	
12/27/2005	0.1 US		0		20.6	0
5/22/2006	0.1 US		0		21.1	0
7/26/2006	0.1 US		0		20.6	0
9/11/2006	0.1 US		0		19.9	0
10/4/2006	0.1 US		0		19.2	0
5/15/2007	0.1 US		0		20.7	0
7/25/2007	0.1 US		0		20.1	0.5
9/10/2007	0.1 US		0		20.2	0
5/19/2008	0.1 US		0		20.4	0
7/29/2008	0.1 US		0		20.8	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.1	0
7/6/2009	0.1 US		0		19.7	0
10/26/2009	0.1 US		0		20.6	0
4/26/2010	0.1 US		0		20.2	0
7/19/2010	0.1 US		0		20	0
10/18/2010	0.1 US	0.1 US	0	0	21.1	0
MW-212	MW-212 monitors the overburden groundwater upgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.2	
8/1/2005	0.1 US		0		20.3	
9/20/2005	0.1 US		0		20.7	
12/27/2005	0.1 US		0		20.6	0
5/22/2006	0.1 US		0		21.1	0
7/26/2006	0.1 US		0		19.5	0.5
9/11/2006	0.1 US		0		19.8	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		22.1	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.3	0
5/19/2008	0.1 US		0		20.4	0
7/29/2008	0.1 US		0		20.8	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.2	0
7/6/2009	0.1		0		19.3	0.6

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-212	MW-212 monitors the overburden groundwater upgradient of the landfill.					
10/26/2009	0.1 US		0		20.5	0
4/26/2010	0.1 US		0		20.3	0
7/19/2010	0.1 US		0		19.9	0
10/18/2010	0.1 US	0.1 US	0	0	21	0
MW-216A	MW-216A monitors the overburden water quality downgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20.1	
8/1/2005	0.1 US		0		20.3	
9/22/2005	0.1 US		0		20.8	
12/27/2005	A		A		A	A
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.1 US		0		19	1.5
9/11/2006	0.1 US		0		19.8	0
10/4/2006	0.1 US		0		19.5	0
5/15/2007	0.1 US		0		19.1	0.8
7/25/2007	0.1 US		0		19.3	1.4
9/10/2007	0.1 US		0		20.4	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		21	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.7	0
7/6/2009	DE		DE		DE	DE
MW-216B	MW-216B monitors the overburden water quality downgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20.1	
8/1/2005	0.1 US		0		20.3	
9/22/2005	0.1 US		0		20.7	
12/27/2005	A		A		A	A
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.1 US		0		14.5	7.1
9/11/2006	0.1 US		0		17	6.5
10/4/2006	0.1 US		0		19.5	0
5/15/2007	0.1 US		0		16.5	3.3
7/25/2007	0.1 US		0		15.3	6.7
9/10/2007	0.1 US		0		20.4	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		21.1	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.9	0
7/6/2009	DE		DE		DE	DE
MW-216BR	MW-216BR is located to the south of Cell 5 of the expansion landfill and near manhole #5. This well monitors water quality within the overburden.					
4/27/2010	0.1 US		0		20.7	0
7/20/2010	0.1 US		0		20.3	0
10/19/2010	0.1 US	0.1 US	0	0	21.2	0

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-223A	MW-223A monitors the bedrock water quality downgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.5	
8/1/2005	0.1 US		0		20.6	
9/21/2005	0.1 US		3		20.9	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		20.3	0
9/11/2006	0.1 US		0		20.5	0
10/4/2006	0.1 US		0		19.4	0
5/15/2007	0.1 US		0		19.9	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.4	0
5/20/2008	0.1 US		0		19.8	0
7/30/2008	0.1 US		0		21	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.6	0
7/7/2009	0.1 US		0		20.5	0
10/27/2009	0.1 US		0		20.5	0
4/27/2010	0.1 US		0		20.7	0
7/20/2010	0.1 US		0		20.4	0
10/19/2010	0.1 US	0.1 US	0	0	21.2	0
MW-223B	MW-223B monitors the overburden water quality downgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.6	
8/1/2005	0.1 US		0		20.5	
9/21/2005	0.1 US		5		20.9	
12/27/2005	0.1 US		0		20.7	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		20.2	0
9/11/2006	0.1 US		0		20.5	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		19.9	0
7/25/2007	0.1 US		0		20.7	0
9/10/2007	0.1 US		0		20.4	0
5/20/2008	0.1 US		0		19.8	0
7/30/2008	0.1 US		0		21	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.4	0
7/7/2009	0.1 US		0		20.6	0
10/27/2009	0.1 US		0		20.6	0
4/27/2010	0.1 US		0		20.7	0
7/20/2010	0.1 US		0		20.4	0
10/19/2010	0.1 US	0.1 US	0	0	21.2	0
MW-227	MW-227 monitors water quality in the overburden downgradient of the landfill.					
5/5/2004	0.1 US					

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-227	MW-227 monitors water quality in the overburden downgradient of the landfill.					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.5	
8/1/2005	0.1 US		0		20.3	
9/21/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		19.7	0
9/11/2006	0.1 US		0		20.2	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		20.8	0
7/30/2008	0.1 US		0		21.2	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.7	0
7/7/2009	0.1 US		0		20.6	0
10/27/2009	0.1 US		0		20.4	0
4/27/2010	0.1 US		0		20.8	0
7/20/2010	0.1 US		0		20.3	0
10/19/2010	0.1 US	0.1 US	0	0	21.3	0
MW-301	MW-301 monitors the water quality within the bedrock, downgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20.1	
8/1/2005	0.1 US		0		19.9	
9/22/2005	0.1 US		7		20.1	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		21.1	0
7/26/2006	0.1 US		0		20.1	0
9/11/2006	0.1 US		0		20.1	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		20.6	0
7/25/2007	0.1 US		0		19.8	0.01
9/10/2007	0.1 US		0		20.3	0
5/19/2008	0.1 US		0		20.9	0
7/30/2008	0.1 US		0		20.5	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		21.1	0
7/6/2009	0.1 US		0		19.7	0
10/26/2009	0.1 US		0		20.4	0
4/26/2010	0.1 US		0		19.8	0
7/19/2010	0.1 US		0		20.4	0
10/19/2010	0.1 US	0.1 US	0	0	21.2	0
MW-302	MW-302 monitors the water quality in the shallow bedrock beside the landfill, but not directly downgradient of the landfill.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-302	MW-302 monitors the water quality in the shallow bedrock beside the landfill, but not directly downgradient of the landfill.					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		21.4	
8/1/2005	0.1 US		0		19.9	
9/19/2005	0.1 US		3		20.7	
12/27/2005	0.1 US		0		20.7	0
5/22/2006	0.1 US		0		20.8	0
7/26/2006	0.1 US		0		20.2	0
9/11/2006	0.1 US		0		21.1	0
10/4/2006	0.1 US		0		19.5	0
5/15/2007	0.1 US		0		22.5	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	DE		DE		DE	DE
MW-302R	MW-302R monitors the water quality in the shallow bedrock beside the landfill, but not directly downgradient of the landfill.					
5/20/2008	0.1 US		0		21.1	0
7/29/2008	0.1 US		0		20.9	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.2	0
7/6/2009	0.1 US		0		19.8	0
10/27/2009	0.1 US		0		21	0
4/26/2010	0.1 US		0		20.2	0
7/19/2010	0.1 US		0		20.4	0
10/18/2010	0.1 US	0.1 US	0	0	21	0
MW-303	MW-303 monitors the background overburden water quality at the site.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		21.4	
8/1/2005	0.1 US		0		20.3	
9/19/2005	0.1 US		0		20.9	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.9	0
7/26/2006	0.1 US		0		19.7	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.3	0
5/19/2008	0.1 US		0		20.9	0
7/29/2008	0.1 US		0		20.9	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.1	0
7/6/2009	0.1 US		0		19.6	0
10/28/2009	0.1 US		0		20.6	0
4/26/2010	0.1 US		0		20.1	0
7/19/2010	0.1 US		0		20.3	0
10/18/2010	0.1 US	0.1 US	0	0	21.1	0
MW-304A	MW-304A monitors the water quality in the upper portion of the bedrock, upgradient of the landfill.					

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-304A	MW-304A monitors the water quality in the upper portion of the bedrock, upgradient of the landfill.					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		21.4	
8/1/2005	0.1 US		0		20.2	
9/19/2005	0.1 US		5		20.5	
12/27/2005	0.1 US		0		20.6	0
5/22/2006	0.1 US		0		21	0
7/26/2006	0.1 US		0		20.8	0
9/11/2006	0.1 US		0		20.7	0
10/4/2006	0.1 US		0		19.4	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.7	0
9/10/2007	0.1 US		0		20.4	0
5/20/2008	0.1 US		0		21.2	0
7/29/2008	0.1 US		0		20.9	0
10/27/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.1	0
7/6/2009	0.1 US		0		19.7	0
10/27/2009	0.1 US		0		20.8	0
4/26/2010	0.1 US		0		19.9	0
7/19/2010	0.1 US		0		19.9	0
10/18/2010	0.1 US	0.1 US	0	0	21	0
MW-401A	MW-401A monitors bedrock water quality downgradient of the leachate pond.					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		21.4	
8/1/2005	0.1 US		0		20.7	
9/21/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		19.7	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		19.9	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.5	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		21.2	0
10/29/2008	0.1 US		0		M	0
4/13/2009	0.1 US		0		20.9	0
7/7/2009	0.1 US		0		20.9	0
10/28/2009	0.1 US		0		20.2	0
4/27/2010	0.1 US		0		20.5	0
7/21/2010	0.1 US		0		20.1	0
10/20/2010	0.1 US	0.1 US	0	0	21.1	0
MW-401B	MW-401B is located downgradient of the leachate pond and monitors groundwater quality in the overburden.					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		21.4	

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-401B	MW-401B is located downgradient of the leachate pond and monitors groundwater quality in the overburden.					
8/1/2005	0.1 US		0		20.5	
9/21/2005	0.1 US		8		20.9	
12/27/2005	0.1 US		0		20.9	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		19.7	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		19.9	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.5	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		21.2	0
10/29/2008	0.1 US		0		M	0
4/13/2009	0.1 US		0		21	0
7/7/2009	0.1 US		0		20.9	0
10/28/2009	0.1 US		0		20.2	0
4/27/2010	0.1 US		0		20.5	0
7/21/2010	0.1 US		0		20.1	0
10/20/2010	0.1 US	0.1 US	0	0	21.1	0
MW-402A	MW-402A is located to the south of the leachate pond and existing landfill. This well monitors water quality within the bedrock.					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.6	
8/1/2005	0.1 US		0		20.3	
9/21/2005	0.1 US		3		20.6	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.8	0
7/26/2006	0.1 US		0		19.5	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		19.4	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		21.1	0
10/29/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.4	0
7/8/2009	0.1 US		0		20.5	0
10/28/2009	0.1 US		0		20.1	0
4/27/2010	0.1 US		0		20.5	0
7/21/2010	0.1 US		0		20.3	0
10/20/2010	0.1 US	0.1 US	0	0	21.2	0
MW-402B	MW-402B is located to the south of the leachate pond and existing landfill. This well monitors water quality within the overburden.					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.7	
8/1/2005	0.1 US		0		20.3	
9/21/2005	0.1 US		3		20.6	

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
MW-402B	MW-402B is located to the south of the leachate pond and existing landfill. This well monitors water quality within the overburden.					
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		19.5	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		19.4	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.6	0
9/10/2007	0.1 US		0		20.3	0
5/20/2008	0.1 US		0		20.9	0
7/28/2008	0.1 US		0		21.2	0
10/29/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		19.4	0
7/8/2009	0.1 US		0		20.5	0
10/28/2009	0.1 US		0		20.1	0
4/27/2010	0.1 US		0		20.5	0
7/21/2010	0.1 US		0		20.3	0
10/20/2010	0.1 US	0.1 US	0	0	21.2	0
NE Property Line						
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.7	
8/1/2005	0.1 US		0		20.1	
9/19/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.7	0
5/22/2006	0.1 US		0		20.8	0
7/26/2006	0.1 US		0		19.8	0
9/11/2006	0.1 US		0		20.9	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.3	0
9/10/2007	0.1 US		0		20.3	0
5/21/2008	0.1 US		0		20.8	0
7/30/2008	0.1 US		0		20.8	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.8	0
7/6/2009	0.1 US		0		19.6	0
10/28/2009	0.1 US		0		20.2	0
4/27/2010	0.1 US		0		20.5	0
7/20/2010	0.1 US		0		20.2	0
10/20/2010	0.1 US	0.1 US	0	0	21	0
P-04-02	P-04-02 monitors the water quality in the overburden, between the leachate pond and landfill toe.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20	
8/1/2005	0.1 US		0		20.3	
9/22/2005	0.1 US		6		20.4	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		21.3	0

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
P-04-02	P-04-02 monitors the water quality in the overburden, between the leachate pond and landfill toe.					
7/26/2006	0.1 US		0		19.9	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		18.5	0
5/15/2007	0.1 US		0		20.5	0
7/25/2007	0.1 US		0		20.1	0
9/10/2007	0.1 US		0		20.3	0
5/21/2008	0.1 US		0		19.9	0
7/30/2008	0.1 US		0		20.6	0
10/29/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		21	0
7/6/2009	0.1 US		0		20.7	0
10/27/2009	0.1 US		0		20.3	0
4/26/2010	0.1 US		0		20	0
7/21/2010	0.1 US		0		20.1	0
10/20/2010	0.1 US	0.1 US	0	0	21.3	0
P-04-04	P-04-04 monitors the water quality in the overburden, between the leachate pond and landfill toe.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		19.9	
8/1/2005	0.1 US		0		20.4	
9/22/2005	0.1 US		4		20.6	
12/27/2005	0.1 US		0		20.8	0
5/22/2006	0.1 US		0		21.3	0
7/26/2006	0.1 US		0		19.8	0
9/11/2006	0.1 US		0		20.3	0
10/4/2006	0.1 US		0		18.5	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.1	0
9/10/2007	0.1 US		0		20.4	0
5/21/2008	0.1 US		0		20.3	0
7/30/2008	0.1 US		0		20.8	0
10/29/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		21	0
7/6/2009	0.1 US		0		20.6	0
10/27/2009	0.1 US		0		20.3	0
4/26/2010	0.1 US		0		20	0
7/21/2010	0.1 US		0		20.2	0
10/20/2010	0.1 US	0.1 US	0	0	21.3	0
S Property Line						
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.7	
8/1/2005	0.1 US		0		20.4	
9/19/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.6	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		19.9	0

Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
S Property Line						
9/11/2006	0.1 US		0		20.8	0
10/4/2006	0.1 US		0		19.2	0
5/15/2007	0.1 US		0		20.2	0
7/25/2007	0.1 US		0		20.4	0
9/10/2007	0.1 US		0		20.1	0
5/21/2008	0.1 US		0		20.7	0
7/30/2008	0.1 US		0		20.8	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.7	0
7/6/2009	0.1 US		0		19.6	0
10/28/2009	0.1 US		0		20.2	0
4/27/2010	0.1 US		0		20.6	0
7/20/2010	0.1 US		0		20.2	0
10/20/2010	0.1 US	0.1 US	0	0	21	0
SW-LCH	SW-LCH is located in the leachate pump station wet-well. The location was replaced with LT-C4L in the spring of 2009.					
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1		0		20.7	
8/1/2005	0.1 US		0		20.2	
9/21/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.7	0
5/22/2006	0.1 US		0		20.6	0
7/26/2006	0.1 US		0		19.9	0
9/11/2006	0.1 US		0		21.6	0
10/4/2006	0.1 US		0		18.5	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.3	0
9/10/2007	0.1 US		0		19.2	0
5/21/2008	0.1 US		0		21.5	0
7/29/2008	0.1 US		0		19.7	0
10/29/2008	0.1 US		0		M	0
W Property Line A						
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.7	
8/1/2005	0.1 US		0		20.1	
9/19/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.7	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		19.7	0
9/11/2006	0.1 US		0		20.8	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		20.1	0
7/25/2007	0.1 US		0		20.3	0
9/10/2007	0.1 US		0		20.3	0
5/21/2008	0.1 US		0		20.6	0
7/30/2008	0.1 US		0		20.8	0

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Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm	Oxygen % Vol.	Carbon Dioxide % Vol.
W Property Line A						
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.7	0
7/6/2009	0.1 US		0		19.6	0
10/28/2009	0.1 US		0		20.1	0
4/27/2010	0.1 US		0		20.5	0
7/20/2010	0.1 US		0		20.1	0
10/20/2010	0.1 US	0.1 US	0	0	21.1	0
W Property Line B						
5/5/2004	0.1 US					
8/4/2004	0.1 US					
10/27/2004	0.1 US					
5/9/2005	0.1 US		0		20.7	
8/1/2005	0.1 US		0		20.3	
9/19/2005	0.1 US		0		20.8	
12/27/2005	0.1 US		0		20.6	0
5/22/2006	0.1 US		0		20.7	0
7/26/2006	0.1 US		0		19.7	0
9/11/2006	0.1 US		0		20.9	0
10/4/2006	0.1 US		0		19.3	0
5/15/2007	0.1 US		0		20	0
7/25/2007	0.1 US		0		20.3	0
9/10/2007	0.1 US		0		20.2	0
5/21/2008	0.1 US		0		20.7	0
7/30/2008	0.1 US		0		20.9	0
10/28/2008	0.1 US		0		M	0
4/14/2009	0.1 US		0		20.6	0
7/6/2009	0.1 US		0		19.7	0
10/28/2009	0.1 US		0		20.1	0
4/27/2010	0.1 US		0		20.5	0
7/20/2010	0.1 US		0		20.1	0
10/20/2010	0.1 US	0.1 US	0	0	21	0

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

! - The sampling location was damaged or destroyed.
A - The sampling location was Inaccessible
DE - Decommissioned Location
M - Results are missing or not reliable due to a meter malfunction.
US - Not Detected above the reported reporting limit determined by interpreted instrument specification.

APPENDIX H

2010 AND HISTORICAL SPECIFIC CONDUCTIVITY DATA

REPORT PREPARED: 11/19/2010 12:53

FOR: Juniper Ridge Landfill

SUMMARY REPORT

Conductivity and Water Levels

SEVEE & MAHER ENGINEERS, INC.
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(DP-4) Date	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet
DP-4				
10/26/2009	409	13.68	155.69	27.05
10/18/2010	401	14.98	154.39	27.1
MW04-101				
10/28/2008	176			
10/27/2009	191	4.1	163.82	23.75
10/18/2010	198	5.1	162.82	23.75
MW04-102				
10/27/2009	236	5.27	164.95	17.84
10/19/2010	232	5.85	164.37	17.97
MW04-104				
10/28/2008	192			
10/27/2009	213	7.3	160.76	28
10/18/2010	229	8	160.06	28
MW04-105				
10/26/2009	528	5.8	159.79	22.75
10/18/2010	306	6.9	158.69	22.75
MW04-109				
10/27/2009	!	!		!
10/18/2010	!	!		!
MW04-109R				
10/19/2010	488	6.6	153.53	22.92
MW04-110				
10/27/2008	323			
10/27/2009	!	!		!
10/18/2010	!	!		!
MW09-901				
10/19/2010	300	9.25	155.85	22.75
MW-204				
10/26/2009	309	8.7	156.05	24.42
10/19/2010	200	9.32	155.43	24.45
MW-216A				
10/27/2009	!	!		!
10/18/2010	!	!		!
MW-216B				
10/27/2009	!	!		!
10/18/2010	!	!		!
MW-216BR				
10/19/2010	289	5.51	183.89	22.46
MW-223A				

SUMMARY REPORT
Conductivity and Water Levels

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(MW-223A) Date	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet
10/27/2009	271	1.35	175.19	35.44
10/19/2010	326	2.2	174.34	35.42
MW-223B				
10/27/2009	331	2.65	173.28	19.95
10/19/2010	316	3.45	172.48	20
MW-227				
10/27/2009	182	4.1	160.13	22.2
10/19/2010	189	4.42	159.81	22.3
MW-301				
10/26/2009	276	4.25	162.11	185.15
10/19/2010	340	4.96	161.4	182.45
MW-302R				
10/27/2009	470	8.46	198.4	32.25
10/18/2010	649	8.05	198.81	32.22
MW-401A				
10/28/2009	165	4.12	152.71	111.98
10/20/2010	191	5.52	151.31	112.1
MW-401B				
10/28/2009	520	6.6	150.72	23.2
10/20/2010	514	6.82	150.5	23.1
MW-402A				
10/28/2009	183	F1		108.45
10/20/2010	197	F1		108.35
MW-402B				
10/28/2009	215	2.98	149.76	25.26
10/20/2010	246	3.4	149.34	25.18
P-04-02				
10/27/2009	242	7.55	161.19	37.2
10/20/2010	214	8.5	160.24	37.15
P-04-04				
10/27/2009	175	7.96	161.39	32.21
10/20/2010	177	9	160.35	32.25
P-201A				
10/29/2008	123	F1		
10/27/2009	328	F1		70.25
10/19/2010	287	2.46	147.09	Q
P-201B				
10/29/2008	146			
10/27/2009	195	F1		68.1
10/19/2010	248	F1		67.92
P-201C				

SUMMARY REPORT

Conductivity and Water Levels

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(P-201C) Date	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet
10/29/2008	136			
10/27/2009	209	2.45	149.74	49.45
10/19/2010	235	2.29	149.9	49.4
P-201D				
10/29/2008	127			
10/27/2009	325	0.05	151.28	43.15
10/19/2010	220	0.7	150.63	42.4
P-201E				
10/29/2008	249			
10/27/2009	532	2.2	150.06	Q
10/19/2010	286	F1		71.1
P-202A				
10/27/2008	162			
10/27/2009	125	2.55	146.83	21.35
10/19/2010	250	3.1	146.28	21.3
P-202B				
10/27/2008	155			
10/27/2009	250	2.2	147.17	Q
10/19/2010	312	2.35	147.02	16.05
P-209A				
10/29/2008	69			
10/27/2009	93	3.85	174.94	55.95
10/19/2010	282	6.58	172.21	55.9
P-209B				
10/29/2008	100			
10/27/2009	70	4.25	174.57	30.75
10/19/2010	240	6.85	171.97	30.71
P-209C				
10/29/2008	71			
10/27/2009	D	D		12.75
10/19/2010	D	D		12.76
P-211A				
10/27/2008	73			
10/27/2009	83	5.5	178.07	25.6
10/18/2010	87	6	177.57	25.6
P-211B				
10/27/2008	115			
10/27/2009	96	6.1	177.87	13.43
10/18/2010	101	6.4	177.57	13.42
P-214A				
10/29/2008	117			
10/27/2009	!	!		!
10/18/2010	!	!		!

SUMMARY REPORT
Conductivity and Water Levels

SEVEE & MAHER ENGINEERS, INC.
4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(P-214B) Date	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet
P-214B				
10/29/2008	132			
10/27/2009	!	!		!
10/18/2010	!	!		!
P-214C				
10/29/2008	120			
10/27/2009	!	!		!
10/18/2010	!	!		!
P-220A				
10/29/2008	170			
10/27/2009	223	F1		40.9
10/18/2010	264	F1		40.95
P-220B				
10/29/2008	157			
10/27/2009	239	F1		22.85
10/18/2010	309	F1		22.85

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.

Concentration Qualifier Notes:

! - The sampling location was damaged or destroyed.
D - The sampling location was dry.
F1 - Well was flowing
Q - An obstruction prevented the collection of data.

ATTACHMENT D

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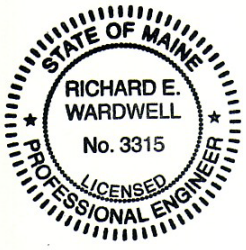
2010 Geotechnical Monitoring Report
Juniper Ridge Landfill
West Old Town, Maine

March 2011

Report to:

Pine Tree Landfill Facility
Hampden, Maine

Casella Waste Systems, Inc.
Saco, Maine



Richard E. Wardwell, P.E., Ph.D.
North Bethesda, MD 20852

A corporation providing hydrogeotechnical consulting services for engineering and environmental applications.

EXECUTIVE SUMMARY

The 2010 Geotechnical Monitoring Report (2010 GMR) for the Juniper Ridge Landfill describes the ongoing landfill observations and settlement/stability monitoring being performed in accordance with the recent Geotechnical Monitoring Plan (GMP, REW 2007b), as adjusted by mid-year 2008 modifications related to logistics associated with the construction of Cell 4. The 2010 GMR summarizes the geotechnical monitoring at JRL that emphasized site observations combined with waste grade and slope displacement surveys. Specifically, with MDEP approval, emphasis on monitoring the geotechnical behavior of the waste-stabilized sludge in the test plot areas was shifted to concentrate on the monitoring of slope stability and secondary settlement of the waste mass for use in closure design. To achieve this, survey measurements were made of displacement monuments established on the northern slope of Cell 2 and of the waste grades over the northern and southern instrument clusters. This monitoring data was used to indicate potential slope deformations indicative of instabilities and to quantify the secondary strain rate of the waste – data that is needed to evaluate potential settlement impacts on the gas collection and cover system designs.

This report summarizes the test plot data reported in the previous Geotechnical Monitoring Reports (REW 2005a, 2006, 2007a, 2008a, 2009, 2010a) and presents the ongoing operational monitoring that was performed during 2010. Observational methodology was used to assure that the geotechnical performance of the landfill facility is consistent with design. Slope displacement monuments were installed and measurements made for comparisons with baseline readings to assess the stability of the northern slope underlain by stabilized sludge. Waste grade elevations of the test plot areas were measured and indicate that the behavior of these critical locations is consistent with past years observations, which verify that differential movements will be within tolerable limits of the cover materials. Results from the geotechnical inspection of the landfill, performed in early November, are summarized in this annual report.

Continuation of the survey program does not appear to be an effective utilization of resources given the stable condition of the waste-stabilized sludge measured over the past three years and the consistency of the observed compression rates with the wealth of data collected from Casella's neighboring facility in Hampden, Maine. Based on this, it is proposed that the surveys of the SDMs and measurements of waste grade elevations at the instrument clusters be terminated while continuing to perform the routine observations of the landfill surface and the annual geotechnical inspection of the landfill area.

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2010 Geotechnical Monitoring Report
Juniper Ridge Landfill Facility
West Old Town, Maine

1. INTRODUCTION

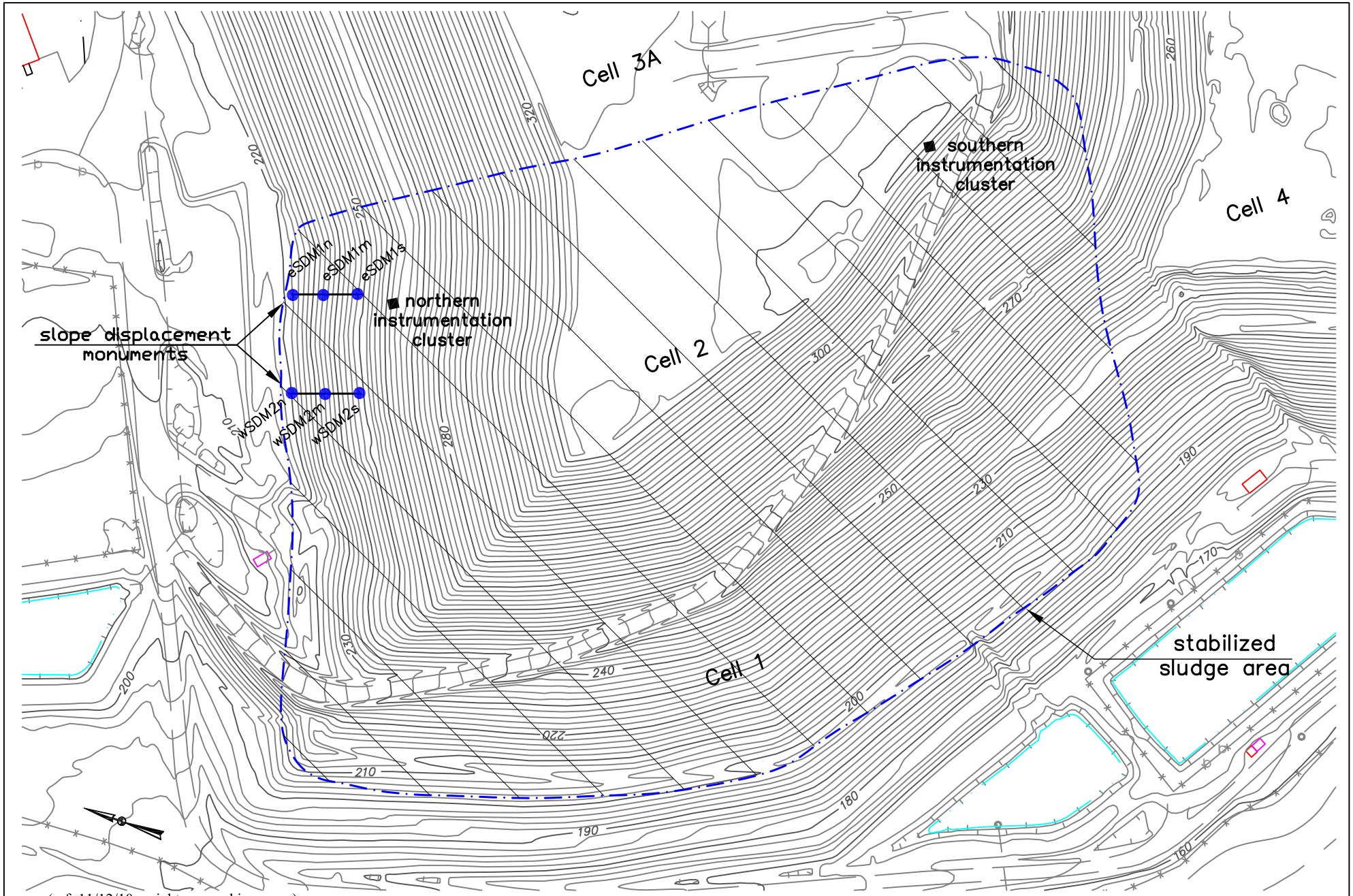
The 2010 Geotechnical Monitoring Report (GMR) has been prepared for the State of Maine's Juniper Ridge Landfill (JRL) operated by the State Planning Office (SPO) through NEWSME Landfill Operations LLC (NEWSME), a subsidiary of Casella Waste Systems Inc. (CWSI). The landfill site plan, shown on Figure 1, is based on 11/12/10 topography. Geotechnical monitoring of this landfill was performed in accordance with the current Geotechnical Monitoring Plan (GMP, REW 2007b), as adjusted by mid-year 2008 modifications related to logistics associated with the construction of Cell 4. The 2007 GMP revised previous plans to reflect the fact that: 1) all the previous sludge at the landfill has been stabilized and confined within the landfill by either the perimeter earthen berms or by the placement of the stable, in-state waste streams, and 2) slope stability and settlement monitoring since 2004 has accumulated a baseline of corroborative data and verified that the actual geotechnical behavior of waste-stabilized sludge in the landfill is consistent with design parameters.

Based on this, the intensity of previous program was modified and represents the monitoring needs associated with a commercial waste landfill placed on a firm soil foundation. Specifically, reliance on the extensive measurements of in-situ instruments has shifted to observation methodologies that are used to assure that the geotechnical performance of the landfill remains consistent with design analyses. Field observations have been supplemented since 2007 with slope measurements of the northern test plot area that contain the highest percentage of sludge remaining at JRL, i.e. up to 60% sludge mixed with 40% in-state waste. The locations of the monuments established to monitor stability are shown on Figure 2.

Specific monitoring activities in 2010 included: periodic landfill observations and an annual geotechnical inspection, photogrammetric topographic surveys of the landfill surface, on-site GPS surveys of waste grade elevations, and surveys of the slope displacement monuments placed on the northern slope of Cell 2. The observations and measurements from this program are compiled, evaluated, interpreted, and summarized in this annual report.

(ref: 11/12/10 aerial topographic survey)

Figure No: 1	Project No: 1743	Title: Site Plan Juniper Ridge Landfill	By: REW	Richard E. Wardwell, P.E., Ph.D. Geotechnical & Groundwater Engineering 11710 Old Georgetown Rd., #1605 North Bethesda, MD 20852
			Checked: REW	
		Project: 2010 Geotechnical Monitoring Report	Date: Feb. 2011	
		Client: State of Maine/NEWSME Landfill Operations LLC, West Old Town, Maine	Scale: 1" = 300'	



(ref: 11/12/10 aerial topographic survey)

Figure No: 2	Project No: 1743	Title: Monitoring Locations Juniper Ridge Landfill	By: REW	Richard E. Wardwell, P.E., Ph.D. Geotechnical & Groundwater Engineering 11710 Old Georgetown Rd., #1605 North Bethesda, MD 20852
			Checked: REW	
		Project: 2010 Geotechnical Monitoring Report	Date: Feb. 2011	
		Client: State of Maine/NEWSME Landfill Operations LLC, West Old Town, Maine	Scale: 1" = 150'	

2. HISTORY OF LANDFILL DEVELOPMENT & MONITORING

JRL was initially developed by Fort James Operating Company (FJC), a subsidiary of Georgia-Pacific Corporation, for its own use in the disposal of treatment plant sludges and other wastes from its mill in Old Town, Maine. In 2004, the State of Maine, through the State Planning Office (SPO), agreed to purchase the landfill for disposal of other approved in-state wastes including: construction and demolition debris (C&D), oversized bulky waste (OBW), front end processing residue (FEPR), ash from waste incinerators, other ashes from industrial incinerators, bypass municipal solid waste (MSW), and other miscellaneous wastes. This section discusses the history of landfill development at the site.

2.1 FORT JAMES OPERATION

Approximately 68 acres of a 780-acre property was licensed by FJC as a secure landfill, and operated by FJC from 1996 until 2004 when the State of Maine purchased the landfill. During this period, JRL, then called the West Old Town Landfill (WOTL), was used mainly for disposal of combined sludge from FJC's primary and secondary treatment plant in Old Town and fly ash from the biomass boiler at Eastern Paper's mill in Lincoln. Placement of the sludge began in December 1996 along the western portion of Cell 1. By 2001, operations had moved to the east into Cell 2. Details relating to the geotechnical behavior of FJC's sludge during the sequential landfill development is presented in previous reports (REW 2007a,b).

2.2 STATE OF MAINE PURCHASE AND OPERATIONS

In February 2004, the State of Maine, through the State Planning Office (SPO), purchased the landfill from FJC. It selected Casella Waste Systems, Inc. (CWSI) through its subsidiary NEWSME Landfill Operations LLC (NEWSME), to operate the disposal of in-state wastes. Approximately 50,000 tons of sludge were initially brought to the landfill from FJC's Old Town mill before the mill closed in 2006. To improve deposit stability, SPO/NEWSME stabilized the existing sludge at the site by mixing it with approved in-state waste streams, i.e. C&D, OBW, FEPR, incinerator ash, bypass MSW, and other miscellaneous wastes. A detailed description of the test plots constructed to determine the geotechnical behavior of this waste and the sludge stabilization program were presented in previous annual monitoring reports (REW 2005a, 2006, 2007a, 2008a, 2009, 2010a). The total area underlain with waste-stabilized sludge is shown on Figure 2.

Once the sludge stabilization program was completed by mid-2006, landfill operations moved into Cell 3, depositing the mixtures of in-state waste that include: C&D, OBW, FEPR, ash from waste incinerators, other ashes from industrial incinerators, bypass MSW, and other miscellaneous wastes. As shown on Figure 1, landfill operations then moved south into Cell 4 in 2009.

The remainder of the landfill capacity will be filled with the approved in-state waste streams – material that is similar to the types and quantities of waste that were historically placed during the past 16 years by NEWSME at the Pine Tree Landfill (PTL) in Hampden, Maine. As

demonstrated there, the wastes are stable at slopes up to 2.5H:1V, but are highly compressible and subject to gas generation. Based on the experience at each site, it is expected the in-state waste mixture will be more stable and less compressible than the waste-stabilized sludge. As a result, the most critical area for stability at JRL is the northern test plot (composed of 60/40 sludge-to-waste ratio), which is located at the north end of Cell 2 (see Figure 2).

2.3 OVERVIEW OF GEOTECHNICAL MONITORING

Historically, the critical stability issues with the landfill related to the papermill sludge previously placed by FJC. With stabilization of all the sludge (by mixing it with stable in-state waste) completed in 2006, the monitoring plan was modified in the 2007 GMP (REW 2007b) to reflect the routine needs associated with other commercial landfills placed on firm soil foundations. Currently, the plan includes provisions to:

- provide visual observations that support satisfactory landfill performance in terms of slope stability and settlement,
- survey waste grades and slope surfaces to corroborate site observations
- evaluate the landfill's geotechnical behavior for consistency with the parameters used in the gas collection and cover design, and
- provide a mechanism to notify JRL and MDEP of possible slope instabilities or detrimental strains in advance of their occurrence.

The results from the specific program are summarized in the next section.

3. GEOTECHNICAL MONITORING RESULTS

Geotechnical monitoring during 2010 included field observations and an annual geotechnical inspection of the landfill relating to waste stability and settlement performance, surveys of the slope displacement monuments (SDM) to ascertain surface displacements, and measurement of waste grade elevations at the instrument clusters to quantify the change in secondary (time-dependent) strain rates needed to assess gas collection and cover performance. Results from the program are discussed in the sections below.

3.1 LANDFILL OBSERVATIONS, ANNUAL INSPECTIONS, AND SURVEYS

Landfill performance was verified by visual site observations of the landfill as described in the Operations Manual. Slope appearance in the areas of the waste-stabilized sludge were observed and documented at the same time that waste grade elevations were taken. Under the direction of a qualified geotechnical engineer, the landfill surface was observed for overall condition, evidence of cracking, localized depressions, erosion, leachate breakout on sideslopes, areas of ponded water, and toe heaving. An observation report, using the checklist presented in the 2007 GMP, was filled out and is included in the Appendix of this report. As indicated by these surveys, the critical area of the landfill underlain by the previous test plot behaved as anticipated in 2010 with no indications of slope instabilities or excessive deformations.

For the remaining portion of the landfill, corroboration with the design conditions used in the geotechnical analysis were confirmed in the field by monitoring the type, quantity, rate, and location of waste placement in accordance with the Operations Manual (SME 2005), which, in part, is based on the results of geotechnical analyses completed for the landfill design and supported by the revised stability analysis (REW 2005b). To supplement this, an annual geotechnical inspection of the entire landfill area was performed on November 11, 2010 to verify that the waste placement, sideslope construction, cover performance, and other construction/filling practices are consistent with the landfill's Operations Manual**.** Inspection elements for assessment of geotechnical performance included:

Active Areas

- waste lift thickness
- active filling area slope angle
- final waste slope angle
- proximity of the active filling area to existing slope stability or settlement monitoring instrumentation
- identification of areas with visible ponding, seepage, or mass snow burial

Inactive Areas with Intermediate Cover In-Place

- overall surface and/or intermediate cover condition
- evidence of surface cracking
- localized surficial depressions in waste or cover surface
- erosion of cover material
- erosion of ditch linings

- leachate breakout on sideslopes
- areas of ponded water
- toe heaving
- grass kills
- gas venting

The checklist used during the annual inspection is included in the Appendix. Geotechnical performance observations indicated that the landfill slopes were stable and that differential waste settlement was minor and can be managed to tolerable levels during final cover design.

Topographic surveys of the landfill surface were completed using aerial photogrammetric methods. A spot check of surface elevations in November 2010 indicates that the waste slope angles are consistent with the project design and Operations Manual. Elevation contours for covered areas were visually examined for depressions, heaving, and ditch slope continuity, and consistent with site observations, indicate that the landfill is performing as anticipated during design with no noticeable differential settlements or instabilities.

3.2 STABILITY MONITORING

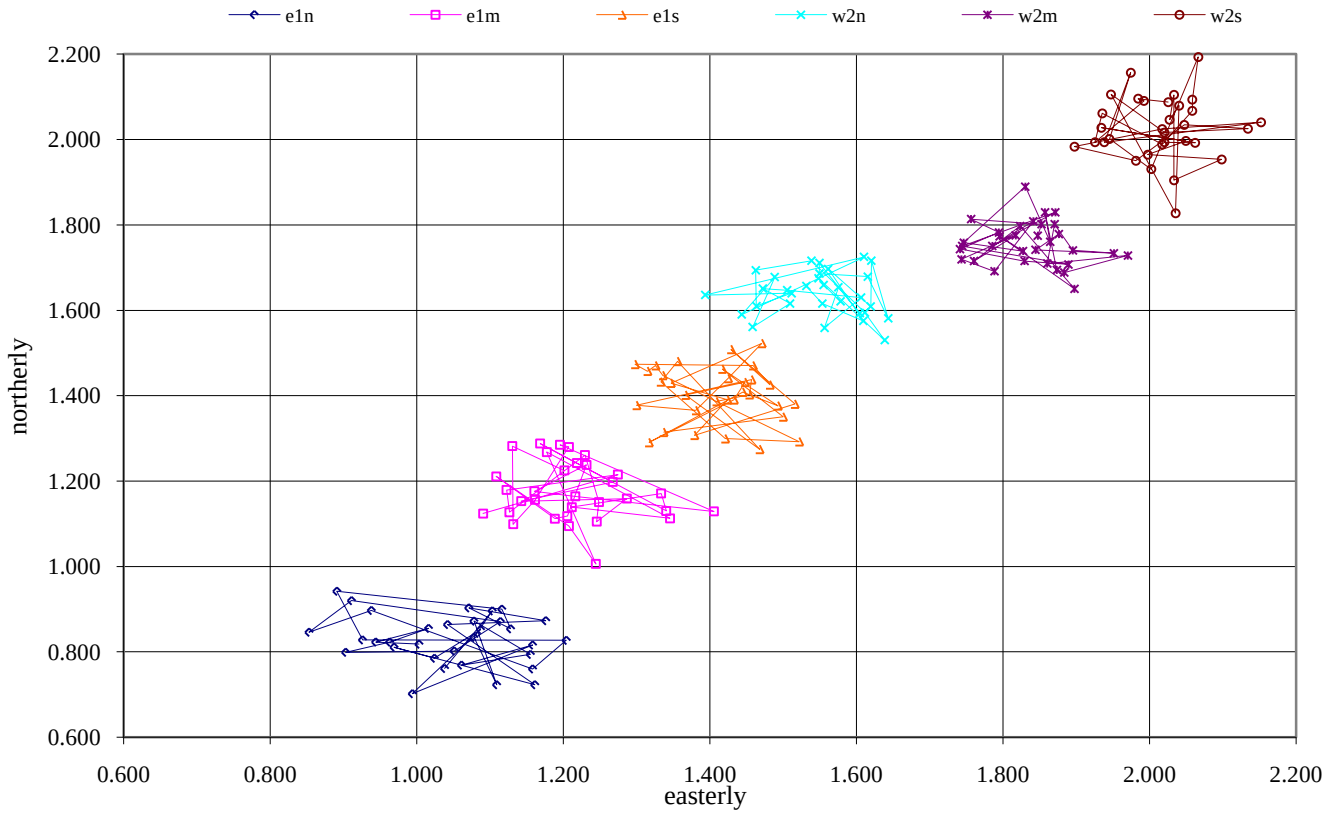
Slope stability was evaluated by visual observations and aerial topographic surveys described above. The appearance of the slope was augmented with measurements of slope displacement monuments (SDMs) placed on the northern slope of the northern test plot (Figure 2). This area was selected because it is the slope underlain with the highest percentage of sludge (i.e. 60/40 ratio of sludge-to-waste) on the site, and, as such, is the critical section for stability.

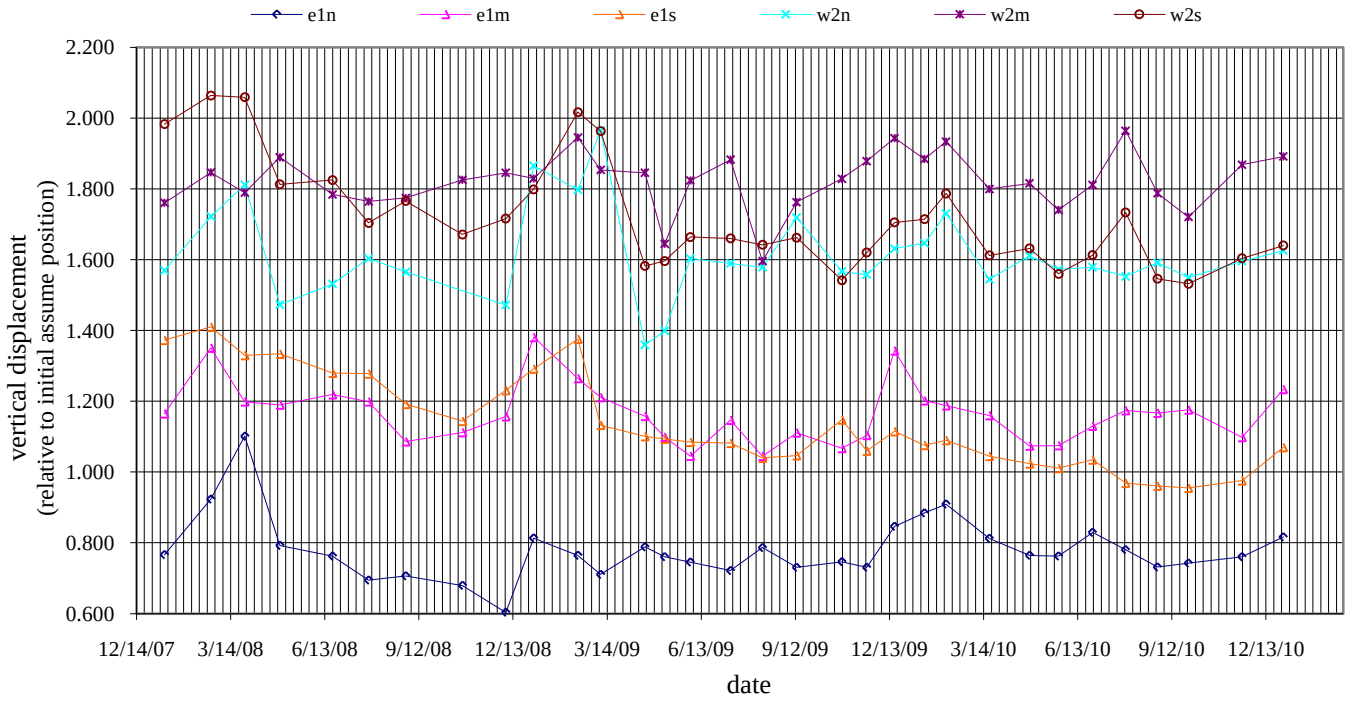
The SDMs (consisting of 5-ft. sections of rebar rod driven into the waste) were installed in December 2007 along the two transects shown on Figure 2. Baseline surveys were made for use as reference points. During 2010, the positions of these monuments were determined by GPS surveys of their horizontal and vertical position at sub-centimeter level accuracy. As discussed in the 2007 GMP, the frequency of monitoring depended upon the location of landfill operations in relationship to the northern test plot. As shown on Figure 3, twelve surveys were made in 2010 to supplement previous readings used to ascertain if surface displacements were indicative of potential instabilities. The small changes in the vertical and horizontal position of these monuments appear to be random variations associated with the survey and do not demonstrate a constant trend that may be indicative of slope instability.

The demonstration of stability by these instruments is consistent with all historic measurements. Furthermore, the effectiveness of the current SDMs to detect future movements has diminished as the offset from active waste placement areas has exceeded more than 200-ft. over the years as the slope to reach the licensed grading plan has been raised.

3.3 SETTLEMENT MONITORING

The compression coefficients for the in-state waste stream that is currently being placed at JRL have been determined from more than nine years of monitoring at PTL in Hampden, Maine. As





Richard E. Wardwell, P.E., Ph.D. 11710 Old Georgetown Rd, #1605 North Bethesda, MD 20852	Project: 2010 Geotech. Mon. Report Juniper Ridge Landfill	Title: Slope Displacement Monuments North Slope - Northern Test PLot		By: REW Checked: REW Date: Feb-11
	Client: NEWSME, Saco, ME	Proj. No: 1743	Scale: as noted	Fig. No: 3

discussed in the 2007 GMP, it is expected that the PTL data is within the variability of the values for the same waste stream at JRL, and, as such, is representative of its behavior at this site.

The primary (stress-dependent) compression modulus, E_p, for the in-state waste has little resulting effect on the geotechnical behavior of the waste mass. Historic values for this modulus, derived from measurements at PTL (i.e. 55,500 psf/ε, REW 2010), are sufficiently accurate for whatever need that there is for this parameter, if any, in evaluating operational monitoring, landfill capacities, and future designs at JRL.

Secondary (time-dependent) compression of the waste affects the performance of the landfill's gas collection and cover systems. As with the compression modulus, the PTL values of secondary strain rate for similar waste streams (i.e. α_s = 0.00007 ε/day, REW 2010) is likely representative of the behavior of the in-state waste at JRL within the variability of this data. For site specificity, surface elevations were measured at the location of the instrument clusters (see Figure 2) to help defined the change of the secondary parameter with time. The results of the waste grade elevations for the waste-stabilized sludge at the instrument clusters is presented in Figure 4.

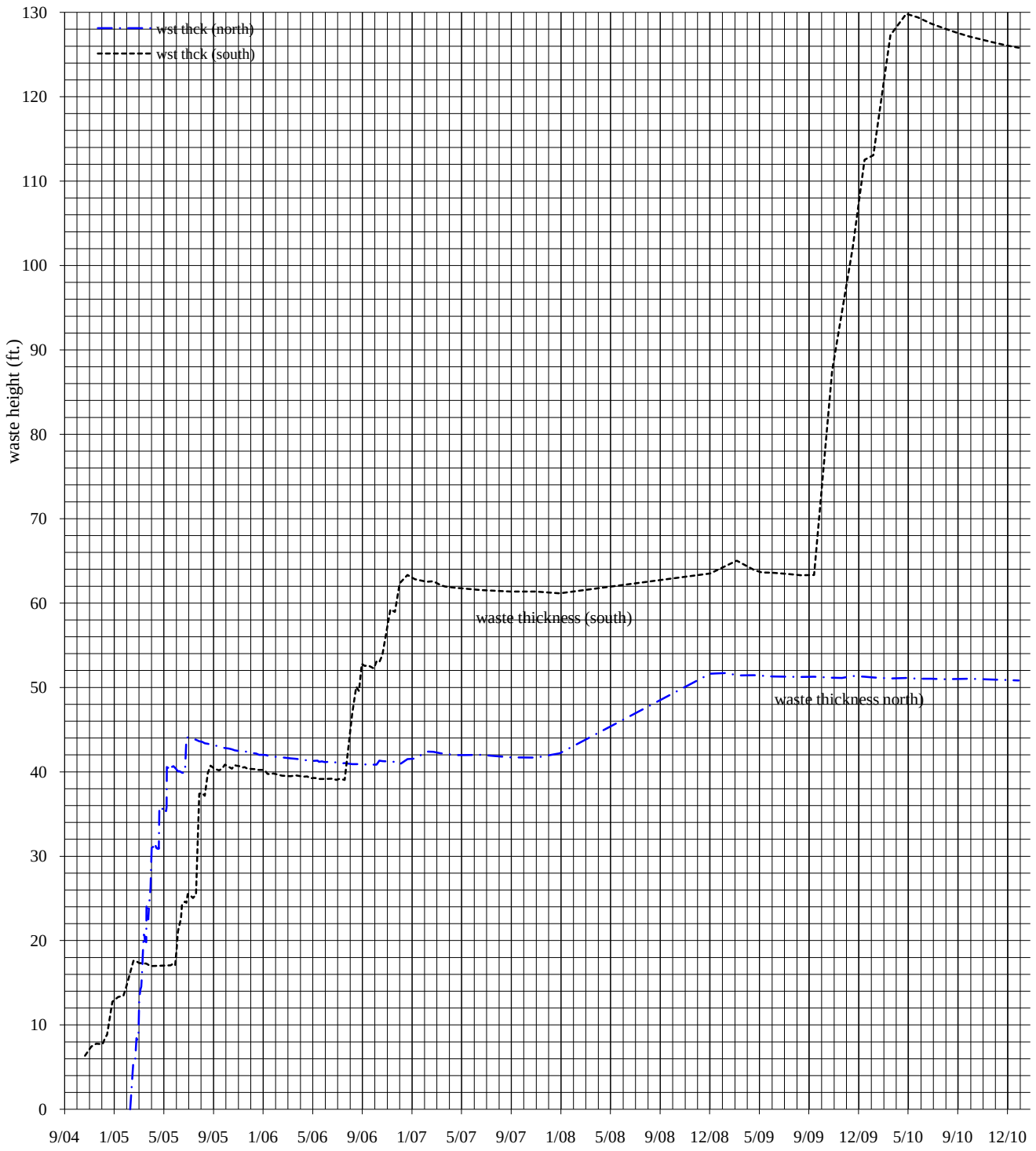
The waste thickness at the northern instrument cluster steadily increased during 2008 and early 2009 until interim grades were reached in this area in February of 2009. Settlement of this point since then indicates a secondary time-dependent compression coefficient of 0.000023 ε/day – a value that is reasonably consistent with the historic values at PTL (REW 2010b). As shown on Figure 4, the measured strain rates to date are linear with time, but must, at some point, start to decrease to reflect the reality that there are not unlimited strains with these wastes.

Waste grades over the southern instrument cluster declined gradually during the first part of 2009, but then level off and increased near the end of the year due to waste placement in this area. This location reached an interim grade in late April of 2010. Settlement since that time indicates a rate of 0.000119 ε/day – almost an order of magnitude more compressible than the waste to the north. While this area may be influenced by neighboring waste placement, it may also be reflective of accelerated compression during the initial periods after loading. During the last quarter of the year, the compression rate has decreased to 0.000088 ε/day.

Based on the consistency of site data with that collected at Casella's sister facility in Hampden (reasonable behavior given the similarity between the waste streams between these two sites), it seems apparent that there is no practical need to continue monitoring the waste grades over the instrument clusters at JRL given the applicability of the extensive PTL database to the JRL facility. The affects of this on the current GMP are discussed in the next section.

3.4 MODIFICATIONS TO THE GEOTECHNICAL MONITORING PLAN

As mentioned, the current SDMs are more than 200-ft. from the remaining active areas for waste placement. To continue stability monitoring, additional SDMs should be placed further upslope to increase the effectiveness of this program. However, the need to continue measuring the



Richard E. Wardwell, P.E., Ph.D. 11710 Old Georgetown Rd, #1605 North Bethesda, MD 20852	Project: 2010 Geotech. Mon. Report Juniper Ridge Landfill	Title: Waste Grade Elevations		By: REW Checked: REW Date: Feb-11
	Client: NEWSME, Old Town, ME 04468	Proj. No: 1743	Scale: as noted	Fig. No: 4

movement of the landfill slope underlain by the northern test plot area and waste-stabilized sludge has diminished over the past 3+ years as the waste elevation of this area approaches the final grading plan without any discernable deformations – behavior indicative of a stable deposit. In regards to measuring the interim waste grade elevations, post-construction settlement rates for JRL landfill have already been delineated at the PTL given the similarity in waste streams and the consistency in values measure to date between the two landfills. These rates will continue to be monitored at PTL during the post-closure period. Based on this, to conserve resources for more critical endeavors, it is recommended that the surveys of the SDMs and measurements of waste grade elevations at the instrument clusters be terminated while continuing to perform the routine observations of the landfill surface, annual geotechnical inspection, and aerial survey of the landfill topography in accordance with the current GMP (REW 2007b) as modified by changes presented in the 2008 GMR (REW 2008a).

4. SUMMARY

Geotechnical monitoring of the Juniper Ridge Landfill was performed to verify that the field behavior of the facility is consistent with design analyses. With MDEP approval (REW 2008a, MDEP 2008), this program was modified to emphasize monitoring slope stability and quantifying secondary settlement of the waste deposit. The landfill was observed on a regular basis to assure that there were no indications of potential slope instabilities or excessive settlements that might impact performance. To supplement site observations, slope and surface grades were measured by the on-site GPS system and quarterly aerial topographic surveys. Specifically, survey measurements were made of displacement monuments established on the northern slope of Cell 2 and of the waste grades over the northern and southern instrument clusters. This monitoring data was used to indicate potential slope deformations indicative of instabilities and to provide data to calculate the secondary strain rate of the waste for gas collection and cover design. Design parameters were reviewed to determine if prescribed limits are exceeded and warrant further actions. On November 11, 2010, the annual geotechnical inspection of the landfill was performed with the results summarized in the Appendix and discussed in the report

Summaries of the routine operational inspections are presented herein. During the GPS waste surveys, site observations were made of Cells 1 & 2, which is the landfill area underlain with waste-stabilized sludge. The resulting checklists, included in the Appendix of this report, document that the critical landfill areas are performing as anticipated with no excessive deformations, slope movements, ponded water, or leachate breakouts. Based on consistency with the rate of settlement measured at JRL, compression values for the incoming waste determine from the instrumentation and surveys conducted at Casella's PTL in Hampden, Maine (i.e., E_p = 55,500 psf/ε, α_s = 0.00007 ε/day) are applicable to this site.

Six slope stability monuments were placed in late fall of 2007 along two transects on the northern slope of Cell 2. Surveys of these points indicate no unusual movements that might be indicative of slope instabilities.

To effectively monitoring slope displacements of the old northern test plot area and waste-stabilized sludge, additional SDMs would have to be placed closer to the areas available for additional waste placement. However, the need to continue measuring slope movements in this area has diminished as the waste elevation of this area approaches the final grading plan without any discernable deformations. Further, there remains no practical need to continuing monitoring the waste grades over the instrument clusters at JRL given the applicability of the extensive PTL database to the JRL facility. To conserve resources for more critical endeavors, it is proposed that the surveys of the SDMs and measurements of waste grade elevations at the instrument clusters be terminated while continuing to perform the routine observations of the waste surface, the annual geotechnical inspection of the landfill, and the aerial topographic survey of the facility in accordance with the current GMP (REW 2007b) as modified by changes presented in the 2008 GMR (REW 2008a).

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REW (2009), *2008 Geotechnical Monitoring Report, Juniper Ridge Landfill*, report prepared by R.E. Wardwell, North Bethesda, MD for SPO/NEWSME Landfill Operations, Old Town, Maine and Casella Waste Systems, Inc., Saco, Maine, April.

REW (2010a), *2009 Geotechnical Monitoring Report, Juniper Ridge Landfill*, report prepared by R.E. Wardwell, North Bethesda, MD for SPO/NEWSME Landfill Operations, Old Town, Maine and Casella Waste Systems, Inc., Saco, Maine, April.

REW (2010b), *2009 Geotechnical Monitoring Report, Pine Tree Landfill*, report prepared by R.E. Wardwell, North Bethesda, MD for SPO/NEWSME Landfill Operations, Old Town, Maine and Casella Waste Systems, Inc., Saco, Maine, April.

SME (2005), *2005 Operations Manual, West Old Town Landfill*, report prepared by Sevee & Maher Engineers, Cumberland, ME for SPO/NEWSME Landfill Operations, Old Town, Maine and Casella Waste Systems, Inc., Saco, Maine, August.

APPENDIX

Landfill Observation & Annual Inspection Forms

Table B-2
Checklist: Annual Geotechnical Inspection
2009 Geotechnical Monitoring Plan, Juniper Ridge Landfill, West Old Town, Maine

Observation Date: 11/11/10

Monitor Name: RICHARD E. WARDWELL

Weather: SUNNY LOW 50'S °F

Observation Area	Sat.	Unsat	Description (location, direction, appearance, etc.)	Proposed Action
Active Area				
location description	—	—	CELL 4	n/a
slope stability	✓			—
waste lift thickness	✓			—
active slope angle	✓		≈ 3:1 to 2:1	—
erosion	✓		BARK PLACED OVER FINISHED GRADES	—
leachate breakout	✓		NONE OBSERVED (N/O)	—
ponded water	✓		N/O	—
toe heaving	✓		N/O	—
overall condition	✓		STABLE OPERATIONAL SLOPES	—
Inactive Area (Synthetic)				
location description	—	—	SICK OVER NORTH & EAST SLOPES, AND MAJORITY OF WEST SLOPE	n/a
slope stability	✓			—
cracking	N/A	N/A	MEMBRANE COVERING	—
erosion	N/A	N/A	" "	—
leachate breakout	N/A	N/A	" "	—
ponded water	✓		NO SLOPE DEPRESSIONS OBSERVED	—
toe heaving	✓		NO TOE HEAVING OBSERVED	—
overall condition	✓		STABLE SLOPE APPEARANCE	—
Interim Soil Cover				
location description	—	—	BOTTOM 1/3 OF WESTERN SLOPE	n/a
overall surface condition	✓		GOOD STABLE VEGETATIVE COVER	—
cracking	✓		NONE NOTED	—
erosion of cover material	✓		NONE NOTED	—
erosion of ditch linings	✓		NONE NOTED	—
leachate breakout	✓		NONE NOTED	—
ponded water	✓		UNIFORM SLOPES, NO NOTED DEPRESS	—
toe heaving	✓		NONE NOTED	—
grass kills	✓		NONE NOTED, GOOD GRASS GROWTH	—
gas venting	✓		NONE NOTED BTWN VENTS	—
overall condition	✓		GOOD CONDITION	—

Table B-1

Checklist: Periodic Site Observations of Cells 1 & 2

~~2007~~ 2010 Geotechnical Monitoring Plan, Juniper Ridge Landfill, West Old Town, Maine

Observation Date: 1/16/10

Observations of: Ethan Wardwell

Weather: overcast 20°F

Observation Area	Sat.	Unsat	Description (location, direction, appearance, etc.)	Proposed Action
Slope Appearance				
northern slope	✓			
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
western slope	✓			
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
southern slope	✓			
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
top surface	✓			
cracking	✓			
localized depressions	✓			
ponded water	✓			
heaving	✓			
overall condition	✓			

Table B-1

Checklist: Periodic Site Observations of Cells 1 & 2

~~2007~~ 2010 Geotechnical Monitoring Plan, Juniper Ridge Landfill, West Old Town, Maine

Observation Date: 5/26/10

Observations of: Ethan Wardwell

Weather: Mostly Sunny 85°F

Observation Area	Sat.	Unsat	Description (location, direction, appearance, etc.)	Proposed Action
Slope Appearance				
northern slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
western slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
southern slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
top surface				
cracking	✓			
localized depressions	✓			
ponded water	✓			
heaving	✓			
overall condition	✓			

Table B-1

Checklist: Periodic Site Observations of Cells 1 & 2

~~2007~~ 2010 Geotechnical Monitoring Plan, Juniper Ridge Landfill, West Old Town, Maine

Observation Date: 10/30/10

Observations of: Peter Wardwell

Weather: 39° Mostly Cloudy

Observation Area	Sat.	Unsat	Description (location, direction, appearance, etc.)	Proposed Action
Slope Appearance				
northern slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
western slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
southern slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
top surface				
cracking	✓			
localized depressions	✓			
ponded water	✓			
heaving	✓			
overall condition	✓			

2010 **Checklist: Periodic Site Observations of Cells 1 & 2**

~~2007~~ Geotechnical Monitoring Plan, Juniper Ridge Landfill, West Old Town, Maine

Observation Date: 12/30/10

Observations of: Ethan Wardwell

Weather: Partly sunny 15°F

Observation Area	Sat.	Unsat	Description (location, direction, appearance, etc.)	Proposed Action
Slope Appearance				
northern slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
western slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
southern slope				
instabilities	✓			
cracking	✓			
localized depressions	✓			
erosion	✓			
leachate breakout	✓			
ponded water	✓			
toe heaving	✓			
overall condition	✓			
top surface				
cracking	✓			
localized depressions	✓			
ponded water	✓			
heaving	✓			
overall condition	✓			

ATTACHMENT E

JUNIPER RIDGE LANDFILL

Operated By NEWSME Landfill Operations, LLC

February 15, 2011

Clifton Eliason
Bureau of Hazardous Materials and Solid Waste
Department of Environmental Protection
State House Station 17
Augusta, Maine 04333

Subject: Juniper Ridge Landfill
Annual Calculation of Fund Contribution – Calendar Year 2011
Closure & Post-Closure Costs

Dear Mr. Eliason:

Enclosed is a calendar year 2011 Juniper Ridge Landfill annual calculation of fund contribution as required by the 2004 MEDEP Trust. The Trust is funded by a Surety Bond issued by Evergreen National Indemnity Company. An Increase Rider to the existing Surety Bond will be submitted to the MEDEP separately.

The closure and post-closure costs have been recalculated (rather than adjusted for inflation in 2011) as the basis for the Annual Fund Contribution.

If you have any questions concerning this report, please feel free to contact me at 862-4200, extension 245.

Sincerely,

Tom Gilbert

Tom Gilbert
Environmental Compliance Manager
Juniper Ridge Landfill

cc: George MacDonald, State Planning Office
Cyndi Darling, MEDEP
Charles Heinonen, City of Old Town
Toni King, Casella
Don Meagher, Casella
Wayne Boyd, JRL

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SME
Sevee & Maher Engineers, Inc.

ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

February 10, 2011

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110207 tg jrl.doc

Mr. Tom Gilbert
Environmental Compliance Manager
Pine Tree Landfill
358 Emerson Mill Rd
Hampden ME 04444

Subject: Update of Opinion of Capital Closure and Post-Closure Costs
For Calendar Year 2011
Juniper Ridge Landfill
Old Town, Maine

Dear Tom:

As requested by NEWSME Landfill Operations, LLC (NEWSME), Sevee & Maher Engineers, Inc. (SME) has updated our opinions of capital closure and post-closure costs for the Juniper Landfill (JRL) in Old Town, Maine for calendar year 2011. The capital closure cost is for those cells that, as of the end of the calendar year 2011, have or will be constructed and operational but have not received final cover. These include Cells 1, 2, 3A, 3B, 4, 5, 6 and 7. In total, these landfill cells have approximately 49.3 acres of closure area. Our opinion of the capital closure cost to close the 49.3 acres is $9,411,545. This cost is based on a per-acre closure cost presented in Table 1, for a final cover consistent with the requirements of Maine Department of Environmental Protection (MEDEP) Solid Waste Management Regulations (SWMRs). The unit costs used to develop the closure cost were from material unit costs obtained for the 2010 Cell 6 construction project at JRL and similar projects in central Maine.

The post-closure monitoring and maintenance cost for the site (developed as of December 2011) is $6,593,760 presented in Table 2. The post-closure costs assume a 30-year post-closure period and are presented on a yearly basis in 2011 dollars.

Our opinion of closure and post-closure costs is based on the following assumptions.

1. The closure of the individual cells will consist of placing final cover over the areas of the developed landfill which have not received final cover. Note that operational costs such as placement and removal of intermediate cover are not included in the final cover costs presented herein. The cost for active gas system modifications assumes the existing gas collection system installed as part of landfill operations will be modified to operate during the post-closure period.

4 Blanchard Road, PO Box 85A, Cumberland Center, Maine 04021 • Phone 207.829.5016 • Fax 207.829.5692 • www.smemaine.com

2. The final cover of these cells will consist of the components outlined in the current SWMRs. Our opinion of closure costs are based on unit material prices developed from the construction bids for NEWSME's Cell 6 project and other similar projects in the central Maine area. These costs are also based on our current understanding of site conditions. Actual closure costs may vary and are dependent upon the actual nature and extent of waste placement, timing of closure, and other factors not evident at this time.

3. The post-closure costs include costs for post-closure activities including landfill inspection, water quality monitoring, leachate management, general site maintenance, gas maintenance, and engineering for the entire facility. These post-closure costs are based on our current understanding of site conditions. Actual post-closure costs will vary and are dependent upon the actual nature of site conditions at the time of closure, long-term management decisions of NEWSME and the Regulators, and other factors not evident at this time.

If there are any questions concerning the cost issues presented in this letter, please feel free to contact us.

Sincerely,

SEVEE & MAHER ENGINEERS, INC.

Michael S. Booth, P.E.
Project Engineer

Attachments
Table 1 - Opinion of Final Cover Costs for the JRL as of December 2011
Table 2 –Opinion of Post-Closure Monitoring and Maintenance Costs for Juniper Ridge Landfill as developed in Calendar Year 2011

cc: Toni King, NEWSME
Wayne Boyd, NEWSME

TABLE 1

SME's Opinion of Final Cover Costs For Juniper Ridge Landfill For Landfill Area Developed as of December 2011

JUNIPER RIDGE LANDFILL PER-ACRE FINAL COVER COSTS w/ Gas (Update Thru 2011)				
ITEM	UNIT	QUANT.	UNIT COST(1)	TOTAL
Mobilization	L.S.	1	$6,100	$ 6,100
Erosion Control	L.S.	1	$3,000	$ 3,000
Active Gas System Modifications	L.S.	1	$12,000	$ 12,000
Site Grading	L.S.	1	$3,000	$ 3,000
Drainage Terraces	L.S.	1	$11,500	$ 11,500
24" compacted clay	C.Y.	3,230	$15.25	$ 49,258
Texture Membrane	SQ.FT.	43,600	$0.51	$ 22,236
12" Sand Common Borrow	C.Y.	1,620	$18	$ 29,160
12" Vegetative Cover	C.Y.	1,620	$25	$ 40,905
Seed & Mulch	L.S.	1	$3,000	$ 3,000
Engineer/Const. Monitoring	L.S.	1	$19,000	$ 19,000
			Total	$ 199,159

(1) Unit Cost based upon Third Party Construction cost (Cell 6 bids Feb.2010)adjusted to reflect the size and scope of closure project.

JUNIPER RIDGE LANDFILL PER-ACRE FINAL COVER COSTS w/out gas(Update Thru 2011)				
ITEM	UNIT	QUANT.	UNIT COST(1)	TOTAL
Mobilization	L.S.	1	$6,500	$ 6,500
Erosion Control	L.S.	1	$3,000	$ 3,000
Site Grading	L.S.	1	$3,000	$ 3,000
Drainage Terraces	L.S.	1	$11,500	$ 11,500
24" compacted clay	C.Y.	3,230	$15.25	$ 49,258
Texture Membrane	SQ.FT.	43,600	$0.51	$ 22,236
12" Sand Common Borrow	C.Y.	1,620	$18	$ 29,160
12" Vegetative Cover	C.Y.	1,620	$25	$ 40,500
Seed & Mulch	L.S.	1	$3,000	$ 3,000
Engineer/Const. Monitoring	L.S.	1	$19,000	$ 19,000
			Total	$ 187,154

	Acres	Closure Cost
Area with Existing Gas Collection	33.9	$6,344,504
Area without Gas Collection(Cell 6& 7)	15.4	$3,067,041
	Total	$9,411,545

TABLE 2
OPINION OF POST-CLOSURE MONITORING AND MAINTENANCE COSTS FOR JUNIPER RIDGE LANDFILL AS DEVELOPED IN CALENDAR YEAR 2011

ITEM	OPINION OF YEARLY COSTS	TOTAL COST FOR 30 YEAR PERIOD	ASSUMPTIONS
Leachate Collection, Transport and Disposal			
A. Electrical Costs to Operate Pump Station	$1,500	$45,000	3Pump Stations with two pumps in the station. Assumes 10 Hp pumps pumping at 180 gpm for 300 hours per year
B. Disposal Costs for Leachate Years 1-30	$32,662	$979,860	Leachate generation rate 1.22 inches per year. Total landfill area 49.3 acres, transport costs $0.02/gal disposal $ 0.00
C. Disposal Cost for Leak Detection Layer(1ac leachate pond)	$150	$4,500	Leak detection layer flow leachate pond @ 20 gal/acre/day. Transport cost $0.02, Treat $0.00
D. Annual Leachate Testing	$2,500	$75,000	Annual cost for pretreatment testing
	Subtotal Total	**$1,104,360**	
Post Closure Water Quality & Methane Gas Monitoring			
A.1 Collect Samples From 20 Wells,7 underdrains,1 leak detection,2 leachate & 8 Surface Waters for 3Rounds/Year & Methane Measurements From Wells 3 Times per Year	$34,500	$172,500	Assumes 2 rounds detect. monitor para. 1 round extended list for year 1-5
A.2 Collect Samples From 20 Wells,7 underdrains,1 leak detection,2 leachate & 8 Surface Waters for 2 Rounds/Year & Methane Measurements From Wells 2 Times per Year	$21,960	$109,800	Assumes 2 rounds, one detect. monitor para. & one round extended list for years 6-10
A.3 Collect Samples From 20 Wells,7 underdrains,1 leak detection,2 leachate & 8 Surface Waters for 1 Round/Year & Methane Measurements From Wells 1 Time per Year	$10,980	$219,600	Assumes one round extended list for years 11-30
B.1 Analyses of 41 samples 3 Times per Year	$46,200	$231,000	Assumes 20 wells,7 underdrains,1 leak detection,2 leachate, 8 surface, & 3 QA/QC
B.2 Analyses of 41 Sample 2 Times per Year	$30,800	$154,000	Assumes 20 wells,7 underdrains,1 leak detection,2 leachate, 8 surface, & 3 QA/QC
B.3 Analyses of 41 Sample 1 Times per Year	$15,400	$308,000	Assumes 20 wells,7 underdrains,1 leak detection,2 leachate, 8 surface, & 3 QA/QC
B.4 Analyses of Residential wells 1 Times per Year	$10,000	$300,000	Assumes 6 residential well locations
C Compile Data and Submit to MDEP	$6,000	$180,000	Assumes Report prepared and submitted to MDEP after each sample round
Subtotal Yearly Cost Years 1-5	$98,700		
Subtotal Yearly Cost Years 6-10	$68,760		
Subtotal Yearly Cost Years 11-30	$42,380		
	Subtotal Total	**$1,674,900**	
Landfill Inspection			
A. Monthly Site Walk Over & Report Generation	$10,800	$324,000	Assumes12 hr per month @ $75/hr
Subtotal	**$10,800**	**$324,000**	
Active Landfill Gas Extraction System			
A. Gas Collection Equipment Replacement	$10,000	$300,000	General equipment replacement including well heads, condensate pumps etc.
B. Flare Maintenance	$5,500	$165,000	Replacement of flare parts such as flame arrestor media etc.
C. Electrical and Blower Maintenance	$6,000	$180,000	Routine inspection and maintenance of blower & control system
D. System Operation and Inspection	$5,000	$150,000	General system operation & maintenance
E. Well Tuning	$10,000	$300,000	Well tuning once per month
F. Compliance Monitoring	$5,000	$150,000	
G. Electrical Costs to Operate Blowers, Heat & Control Panel Year 1-15	$42,000	$630,000	electricity for blower @$0.19/kwhr
G. Electrical Costs to Operate Blowers, Heat & Control Panel Year 16-30	$18,900	$283,500	electricity for blower @$0.19/kwhr assume 1/3 gas flow for year 16-30
	Subtotal Total	**$2,158,500**	
Landfill Maintenance			
A. Cover Maintenance Include Annual Mowing & Erosion Repair	$5,500	$165,000	Assumes 3 man crew 7 days/ year
B.1 Pump Stations Inspections	$10,400	$312,000	Assumes 4 hr week @ $50 per hour
B.2 Pump Replacement	$4,500	$135,000	Assumes replace pumps in leach pumpnig systems every 5 years
C. General Site Maintenance	$5,000	$150,000	Assumes snow plowing 20 storms per year @ $250 per storm
D. Leachate Line Cleaning	$15,000	$450,000	once per year 6-10, then every other year years 11-30 @ $15,000 per cleaning
Subtotal	**$25,400**	**$1,212,000**	
Professional Services			
A. Engineering Services	$4,000	$120,000	General Services
Subtotal	**$4,000**	**$120,000**	
TOTAL		**$6,593,760**	

ATTACHMENT F

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cells #4/5 in use
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	Some ice covered
Sedimentation Ponds	✓	"
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ice covered	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	Oil spill in Rub building Cleaned up.
Sediment & Erosion Controls	✓	
Litter Fencing	✓	Cleaning up litter
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 1/27/10 Completed by: T. Gilbert Weather Conditions: Clear 42°F

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cell #4/5
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	Snow/ice covered	
Discharge Points (Outfalls)	" "	
Sedimentation Ponds	" "	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	Snow/ice covered	
Litter Fencing	✓	Starting to clean up litter
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 4/9/10 Completed by: T. Gilbert Weather Conditions: Cloudy 30°F Flurry

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cell 4
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	Snow/ice covered	
Discharge Points (Outfalls)	"	"
Sedimentation Ponds	"	"
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	-
Sediment & Erosion Controls	Snow/ice covered	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		silt dups on floor cleaned up.

Date: 1/13/10 Completed by: T Blunt Weather Conditions: Clear 24°F

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	all 4
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	Snow/ice covered	
Discharge Points (Outfalls)	"	
Sedimentation Ponds	"	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	needs to be organized better
Sediment & Erosion Controls	Snow/ice covered	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 1/5/10 Completed by: J. Gilbert Weather Conditions: Overcast 28°

* Notes on back as necessary

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

INSPECTION MONTH\YEAR: Jan. 10 **INSPECTION DATE:** 1/27/10

NAME OF INSPECTOR: T. Gilbert

INSPECTION ITEM DESCRIPTION	INSPECTED NO ACTION TAKEN	NEEDS ACTION (See Comments)
OPERATIONS	(place a check mark in the appropriate column)	
Access roads clear and free of debris	✓	
Active disposal area size minimized	✓	
Daily cover materials being utilized	✓	
Litter being controlled & collected as needed	✓	
Dust being minimized	✓	
Tracking of wastes outside of cell being controlled	✓	
Waste setback from berms	✓	
Leachate controlled & contained in cells	✓	
Odor control measures in-place	✓	
Vector control measures in-place (birds, rats, etc.)	✓	
Fire prevention & control measures in-place	✓	
Adequate working equipment onsite	✓	
LEACHATE MANAGEMENT		
Build-up of sediment in wetwells	✓	
Pumps & valves functioning properly	✓	
Flow conditions	✓	
Pump station vented properly	✓	
Electrical panel inspection	✓	
Flow meter inspection	✓	
Manholes intact and serviceable	✓	one hit by plow
LEACHATE STORAGE & DISPOSAL		
Inspection of leachate storage pond & level		
Any signs of leachate seeps		
Underdrain system monitoring being performed	No bump used	
Inspection of loading rack system & drain		
Leachate forcemain system		
STORMWATER COLLECTION & CONTROL SYSTEMS		
Check outlet structures for condition		
Drainage ditches clear and flowing		
Signs of erosion	Snow / Ice covered	
Check dams		
Detention ponds		
Silt fences installed properly		
Check roadway ditches for erosion		
ACTIVE GAS COLLECTION SYSTEM		
Condensate knockout system	✓	
Condition of wellheads ok	✓	
Presence of leakage on assembly	✓	
Noise/vibration in the motor or blower	✓	
Maintenance up-to-date	✓	
Condition of igniter system	✓	
Plumbness of stack	✓	

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

COMMENTS ON NON-COMPLIANT CONDITIONS:

REVIEW BY ENVIRONMENTAL COMPLIANCE MANAGER:

Signature 1/27/10 Date

Distribution: General Manager
PCE Manager

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cell 4+5
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	some need cleaning after thaw
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	ice covered
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	litter being cleaned up
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 9/25/10 Completed by: T. Gilbert Weather Conditions: Cloudy 38°F Damp

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cells #4/5
Landfill – Cover	✓	
Landfill – Access Roads	✓	need to be swept
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	some need attention
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	ice covered
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	Spill in garage Cleaned up
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 2/17/10 Completed by: T. Gibbs Weather Conditions: Cloudy 40°F

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cells #4 #5
Landfill – Cover	✓	
Landfill – Access Roads	✓	muddy
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	some need work in spring
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	ice covered
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	litter being cleaned up
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 2/14/10 Completed by: T. Gilbert Weather Conditions: Clear 40°F

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cell 415
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	Some snow covered
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	ice covered
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 2/3/10 Completed by: T. Gilbert Weather Conditions: Overcast 26°F

* Notes on back as necessary

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

INSPECTION MONTH\YEAR: Feb 10 **INSPECTION DATE:** 2/17/10

NAME OF INSPECTOR: T. Gilbert

INSPECTION ITEM DESCRIPTION	INSPECTED NO ACTION TAKEN	NEEDS ACTION (See Comments)
OPERATIONS	(place a check mark in the appropriate column)	
Access roads clear and free of debris	✓	
Active disposal area size minimized	✓	
Daily cover materials being utilized	✓	
Litter being controlled & collected as needed	✓	
Dust being minimized	✓	
Tracking of wastes outside of cell being controlled	✓	
Waste setback from berms	✓	
Leachate controlled & contained in cells	✓	
Odor control measures in-place	✓	
Vector control measures in-place (birds, rats, etc.)	✓	need to control birds
Fire prevention & control measures in-place	✓	
Adequate working equipment onsite	✓	
LEACHATE MANAGEMENT		
Build-up of sediment in wetwells	✓	
Pumps & valves functioning properly	✓	
Flow conditions	✓	
Pump station vented properly	✓	
Electrical panel inspection	✓	
Flow meter inspection	✓	
Manholes intact and serviceable	✓	
LEACHATE STORAGE & DISPOSAL		
Inspection of leachate storage pond & level	✓	
Any signs of leachate seeps	✓	
Underdrain system monitoring being performed	✓	
Inspection of loading rack system & drain	✓	
Leachate forcemain system	✓	
STORMWATER COLLECTION & CONTROL COMPLIANCE		
Check outlet structures for condition		
Drainage ditches clear and flowing	Snow / ice	
Signs of erosion	corner	
Check dams		
Detention ponds		
Silt fences installed properly		
Check roadway ditches for erosion		
SPILL PREVENTION COMPLIANCE		
Condition of oil/fuel storage tanks & drums	✓	
Any signs of leaks or spills	✓	
Secondary containment being utilized as needed	✓	Spill in garage clean up
Spill kits available and restocked as needed	✓	
All containers labeled appropriately	✓	
ACTIVE GAS COLLECTION SYSTEM		
Condensate knockout system	✓	
Condition of wellheads ok	✓	
Presence of leakage on assembly	✓	
Noise/vibration in the motor or blower	✓	
Maintenance up-to-date	✓	
Condition of igniter system	✓	
Plumbness of stack	✓	

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

COMMENTS ON NON-COMPLIANT CONDITIONS:

REVIEW BY ENVIRONMENTAL COMPLIANCE MANAGER:

Signature _____ Date 2/17/10

Distribution: General Manager
PCE Manager

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	Some litter
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 3/31/10 Completed by: [illegible] Weather Conditions: overcast

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	need to schedule pumping
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	Spill Kits need restocking
Sediment & Erosion Controls	✓	
Litter Fencing	✓	Some litter
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 3/24/10 Completed by: JG Weather Conditions: Sunny

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	drips on floor cleaned up
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	–
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 3/16/10 Completed by: T Gilbert Weather Conditions: fair

* Notes on back as necessary

Quarterly Storm Water Visual Examination Report	**Sampling by: Robert Cooling**
	Title: Engineering Intern
Location: *Juniper Ridge Landfill*	**Date: 3/23/10**

Type of Discharge (rainfall / snowmelt): *Rainfall*

Time Since Previous Storm Event[2]: *21 days*

Date / Time of Evaluation	Outfall Sampled (identify as indicated on Site Plan)	Magnitude of Storm Event (inches)[1]	Observations[3]
3/23/10 - 9:30 am & 4:30 pm	#1	1.87	No Flow, pond initially almost dry, still more capacity before flow begins
3/23/10 - 9:45 am	#2	1.87	Plugged off temporarily – no flow
3/23/10 - 9:55 am & 4:40 pm	#3	1.87	No Flow
3/23/10 - 9:55 am & 4:50 pm	#4	1.87	No Flow, pond initially almost dry, still more capacity before flow begins

[1] Storm event must be greater than 0.1 inches.
[2] Storm event must be at least 72 hours since previously measurable (greater than 0.1 inches). Document if no qualifying storm event occurred during the quarter.
[3] Document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution.

Date: 3/31/10 (date signed)

Signed: [illegible]

Title: Engineering Technician

Testing Results	**Performed by: Robert Coolong**	**Title: Engineering Intern**

Outfall Sampled (identify as indicated on Site Plan)	Discharge	pH	Conductivity (µs)	Imhof	Comments
#1	NO				
#2	NO				
#3	NO				
#4	NO				

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cells 4+5
Landfill – Cover	✓	
Landfill – Access Roads	✓	dusty need sweeping
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	to be cleaned soon.
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	ice covered
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	Some litter still present
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 3/Jul/10 Completed by: D Gibbs Weather Conditions: Sunny 25°F

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	Cells 4+5
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	need work
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	tire covered
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 3/5/10 Completed by: T. Gilbert Weather Conditions: Sunny 42°F

* Notes on back as necessary

QUARTERLY COMPLIANCE EVALUATION REPORT

Conduct a regular Weekly Inspection as part of this Quarterly Evaluation and include areas of historic spills. Review the prior weekly inspection reports, and quarterly visual monitoring logs. Identify any recurring or new issues that may require a change to this SWPPP or a follow-up action to protect stormwater from being polluted.

Date: 3/11/10
Inspected by: T. Gilbert

Recurring issues from current or prior inspections or visual monitoring logs:

none

General Effectiveness of Best Management Practices:

OK

Corrective Actions Required: none

Certification:
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Signed: [signature]

Date: 3/11/10

QUARTERLY COMPREHENSIVE SITE COMPLIANCE EVALUATION
SWPPP & SPCC COMPLIANCE

Facility Name:	Juniper Ridge CP
Location:	Old Town
Date of Inspection:	3/11/10
Inspector(s):	Tom Gilbert
Weather Conditions:	

Inspection of Potential Pollutant Sources

Description of Non-Compliant Conditions	In Compliance	Not In Compliance	Condition(s) Identified (use notes section as needed)
Erosion and/or sedimentation from exposed or unseeded topsoil	✓		
Access roads free of residues and tracked waste materials	✓		
Areas cleaned of windblown litter that could contaminate local stormwater runoff	✓		
Landfill leachate being controlled to prevent offsite contamination	✓		
Material handling/storage areas being maintained free of spillage that could contaminate runoff	✓		
Vehicle & maintenance activities being done in a manner that all spills & leaks are contained	✓		
Construction related activities being conducted appropriately to contain sediment & runoff	✓		
Soil and other stockpiles in laydown area have appropriate erosion control measures in-place	✓		
Vehicle & equipment fueling stations free of leaks & spillage that could contaminate runoff	✓		
Petroleum product storage tanks provided with appropriate containment & spill control	✓		
Vehicle parking areas free of apparent oil leaks & debris	✓		

Were there any new onsite pollutant sources identified during this inspection(exposure to stormwater)?
no

Any evidence of recent spills or pollution incidents? no

Do most recent monitoring results indicated that BMP improvements are necessary? no

Inspection of Stormwater BMPs

Reference	Description	Conditions Identified
BMP 1	Drainage channels and check dams	Some channels may need cleaning after thaw
BMP 2	Rip rap & level spreaders	none
BMP 3	Erosion control mix silt fence & hay bales	none
BMP 4	Litter fencing	none
BMP 5	Sedimentation/detention ponds	none
BMP 6	Intermediate and/or Final cover systems	none
BMP 7	Liner & leachate collection systems	none

Recommendations for Additional BMPs

none

Permit Non-Compliance Issues Identified

none

Additional Notes & Comments:

none

Facility Certification:

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine ans imprisonment for knowing violations.

NAME(printed): Tom Gilbert

SIGNATURE: [signature]

DATE: 3/11/10

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	
Landfill – Cover	✓	Intermediate cover on slopes
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	-
Sediment & Erosion Controls	✓	
Litter Fencing	✓	some litter present
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 11/29/10 Completed by: JG. Weather Conditions: overcast

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	ok	
Landfill – Cover	ok	
Landfill – Access Roads	ok	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	ok	
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	drains need cleaning
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 4/22/10 Completed by: T Gilbert Weather Conditions: Sunny

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	litter in pond
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	inside spill cleaned up
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	litter present
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	needs cleaning
Other		

Date: 4/15/10 Completed by: TG Weather Conditions: Sunny

* Notes on back as necessary

SWPPP Weekly Inspection Form – Juniper Ridge Landfill

Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	Need sweeping
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	–
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	Being cleaned up
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 4/7/10 Completed by: JBm Weather Conditions: Fair

* Notes on back as necessary

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

INSPECTION MONTH\YEAR: Apr 10 **INSPECTION DATE:** 4/29/10

NAME OF INSPECTOR: T. Gilbert

INSPECTION ITEM DESCRIPTION	INSPECTED NO ACTION TAKEN	NEEDS ACTION (See Comments)
OPERATIONS	(place a check mark in the appropriate column)	
Access roads clear and free of debris	✓	
Active disposal area size minimized	✓	
Daily cover materials being utilized	✓	
Litter being controlled & collected as needed	✓	needs work
Dust being minimized	✓	some dust
Tracking of wastes outside of cell being controlled	✓	some tracking
Waste setback from berms	✓	
Leachate controlled & contained in cells	✓	
Odor control measures in-place	✓	
Vector control measures in-place (birds, rats, etc.)	✓	
Fire prevention & control measures in-place	✓	
Adequate working equipment onsite	✓	
LEACHATE MANAGEMENT		
Build-up of sediment in wetwells	✓	
Pumps & valves functioning properly	✓	
Flow conditions	✓	
Pump station vented properly	✓	
Electrical panel inspection	✓	
Flow meter inspection	✓	
Manholes intact and serviceable	✓	
LEACHATE STORAGE & DISPOSAL		
Inspection of leachate storage pond & level	not in use	
Any signs of leachate seeps	✓	
Underdrain system monitoring being performed	✓	
Inspection of loading rack system & drain	✓	
Leachate forcemain system	✓	
STORMWATER COLLECTION & CONTROL SYSTEMS		
Check outlet structures for condition	✓	
Drainage ditches clear and flowing	✓	
Signs of erosion	✓	
Check dams	✓	
Detention ponds	✓	
Silt fences installed properly	✓	
Check roadway ditches for erosion	✓	
ACTIVE GAS COLLECTION SYSTEM		
Condensate knockout system	✓	
Condition of wellheads ok	✓	
Presence of leakage on assembly	✓	
Noise/vibration in the motor or blower	✓	
Maintenance up-to-date	✓	
Condition of igniter system	✓	
Plumbness of stack	✓	

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

COMMENTS ON NON-COMPLIANT CONDITIONS:

REVIEW BY ENVIRONMENTAL COMPLIANCE MANAGER:

Signature 4/29/10 Date

Distribution: General Manager
PCE Manager

SWPPP/SPCC Weekly Inspection Form

Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	ok	
Landfill – Cover	ok	
Landfill – Access Roads	ok	dusty
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	ok	
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	some litter being cleaned up
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 5/26/10 Completed by: TB Weather Conditions: Sunny

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form

Juniper Ridge Landfill

Area Inspected	Findings*	Corrective Actions Taken
Landfill – Open Cells	ok	
Landfill – Cover	ok	
Landfill – Access Roads	ok	need sweeping
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	ok	
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 5/19/10 Completed by: T. Gilbert Weather Conditions: Cloudy

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	Const. Start
Landfill – Cover	✓	40-mil liner start slopes
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	chips on floor
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	litter busy Cleaned
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 5/12/10 Completed by: T. Gilbert Weather Conditions: sunny

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	needs cleaning
Other		

Date: 5/6/10 Completed by: T. Gilbert Weather Conditions: fair/cloudy

* Notes on back as necessary

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

INSPECTION MONTH\YEAR: May 10 **INSPECTION DATE:** 5/26/10

NAME OF INSPECTOR: T. Gilbert

INSPECTION ITEM DESCRIPTION	INSPECTED NO ACTION TAKEN	NEEDS ACTION (See Comments)
OPERATIONS	(place a check mark in the appropriate column)	
Access roads clear and free of debris	✓	need sweeping
Active disposal area size minimized	✓	
Daily cover materials being utilized	✓	
Litter being controlled & collected as needed	✓	some litter
Dust being minimized	✓	dusty
Tracking of wastes outside of cell being controlled	✓	
Waste setback from berms	✓	
Leachate controlled & contained in cells	✓	
Odor control measures in-place	✓	
Vector control measures in-place (birds, rats, etc.)	✓	some birds
Fire prevention & control measures in-place	✓	
Adequate working equipment onsite	✓	
LEACHATE MANAGEMENT		
Build-up of sediment in wetwells	✓	
Pumps & valves functioning properly	✓	
Flow conditions	✓	
Pump station vented properly	✓	
Electrical panel inspection	✓	
Flow meter inspection	✓	
Manholes intact and serviceable	✓	
LEACHATE STORAGE & DISPOSAL		
Inspection of leachate storage pond & level	not in use	
Any signs of leachate seeps	✓	
Underdrain system monitoring being performed	✓	
Inspection of loading rack system & drain	✓	
Leachate forcemain system	✓	
STORMWATER COLLECTION & CONTROL SYSTEMS		
Check outlet structures for condition	✓	
Drainage ditches clear and flowing	✓	
Signs of erosion	✓	
Check dams	✓	
Detention ponds	✓	
Silt fences installed properly	✓	
Check roadway ditches for erosion	✓	
ACTIVE GAS COLLECTION SYSTEM		
Condensate knockout system	✓	
Condition of wellheads ok	✓	
Presence of leakage on assembly	✓	
Noise/vibration in the motor or blower	✓	blower noisy
Maintenance up-to-date	✓	
Condition of igniter system	✓	
Plumbness of stack	✓	

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

COMMENTS ON NON-COMPLIANT CONDITIONS:

REVIEW BY ENVIRONMENTAL COMPLIANCE MANAGER:

Signature Date

Distribution: General Manager
PCE Manager

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	Cell 5
Landfill – Cover	✓	
Landfill – Access Roads	✓	dusty needs watering
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	minor litter present
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 6/25/10 Completed by: T. Gilbert Weather Conditions: Sunny

* Notes on back as necessary

Quarterly Storm Water Visual Examination Report	**Sampling by: Jeremy Labbe**
	Title: Engineering Intern
Location: *Juniper Ridge Landfill*	**Date: 6/23/10**

Type of Discharge (rainfall / snowmelt): *Rainfall* — Time Since Previous Storm Event[2]: *60-72*

Date / Time of Evaluation	Outfall Sampled (identify as indicated on Site Plan)	Magnitude of Storm Event (inches)[1]	Observations[3]
6/23/10 – 11:30 am	#1	0.44	No Flow - lots of capacity left in pond
6/23/10 – 11:45 am	#2	0.44	Plugged off temporarily – No flow
6/23/10 – 11:55 am	#3	0.44	No Flow
6/23/10 – 12:15 pm	#4	0.44	No Flow - capacity left

[1] Storm event must be greater than 0.1 inches.
[2] Storm event must be at least 72 hours since previously measurable (greater than 0.1 inches). Document if no qualifying storm event occurred during the quarter.
[3] Document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution.

Date: 7/2/10 (date signed) — Signed: [signature]

Title: Environmental Technician

Testing Results — **Performed by: Robert Coolong** — **Title: Engineering Intern**

Outfall Sampled (identify as indicated on Site Plan)	Discharge	pH	Conductivity (µs)	Imhof	Comments
#1	NO				
#2	NO				
#3	NO				
#4	NO				

Date: 7/2/10 (date signed) — Signed: [signature]

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	ok	
Landfill – Cover	ok	
Landfill – Access Roads	ok	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	ok	Some buildup
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	Some litter present
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	needs cleaning
Other		

Date: 6/17/10 Completed by: T. Gilbert Weather Conditions: light rain

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	ok	cell 5
Landfill – Cover	ok	
Landfill – Access Roads	ok	dusty
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	ok	Some minor buildup north end
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	Sargent const.
Litter Fencing	ok	
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 6/10/10 Completed by: T. Gilbert Weather Conditions: Overcast

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings *	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 6/2/10 Completed by: [illegible] Weather Conditions: overcast

* Notes on back as necessary

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

INSPECTION MONTH\YEAR: Jun /10 **INSPECTION DATE:** 6/25/10

NAME OF INSPECTOR: T. Gilbert

INSPECTION ITEM DESCRIPTION	INSPECTED NO ACTION TAKEN	NEEDS ACTION (See Comments)
OPERATIONS	(place a check mark in the appropriate column)	
Access roads clear and free of debris	✓	needs improvement
Active disposal area size minimized	✓	
Daily cover materials being utilized	✓	
Litter being controlled & collected as needed	✓	Some litter
Dust being minimized		needs watering
Tracking of wastes outside of cell being controlled	✓	
Waste setback from berms	✓	
Leachate controlled & contained in cells	✓	
Odor control measures in-place	✓	
Vector control measures in-place (birds, rats, etc.)	✓	needs improvement
Fire prevention & control measures in-place	✓	
Adequate working equipment onsite	✓	
LEACHATE MANAGEMENT		
Build-up of sediment in wetwells	✓	
Pumps & valves functioning properly	✓	
Flow conditions	✓	
Pump station vented properly	✓	
Electrical panel inspection	✓	
Flow meter inspection	✓	
Manholes intact and serviceable	✓	
LEACHATE STORAGE & DISPOSAL		
Inspection of leachate storage pond & level	NA	
Any signs of leachate seeps	NA	
Underdrain system monitoring being performed	✓	
Inspection of loading rack system & drain	✓	
Leachate forcemain system	✓	
STORMWATER COLLECTION & CONTROL SYSTEMS		
Check outlet structures for condition	✓	
Drainage ditches clear and flowing	✓	
Signs of erosion	✓	
Check dams	✓	
Detention ponds	✓	
Silt fences installed properly	✓	
Check roadway ditches for erosion	✓	
ACTIVE GAS COLLECTION SYSTEM		
Condensate knockout system	✓	
Condition of wellheads ok	✓	
Presence of leakage on assembly	✓	
Noise/vibration in the motor or blower	✓	
Maintenance up-to-date	✓	
Condition of igniter system	✓	
Plumbness of stack	✓	

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

COMMENTS ON NON-COMPLIANT CONDITIONS:

REVIEW BY ENVIRONMENTAL COMPLIANCE MANAGER:

Signature Date 6/25/10

Distribution: General Manager
PCE Manager

QUARTERLY COMPLIANCE EVALUATION REPORT

Conduct a regular Weekly Inspection as part of this Quarterly Evaluation and include areas of historic spills. Review the prior weekly inspection reports, and quarterly visual monitoring logs. Identify any recurring or new issues that may require a change to this SWPPP or a follow-up action to protect stormwater from being polluted.

Date: 6/25/10

Inspected by: Tom Gilbert

Recurring issues from current or prior inspections or visual monitoring logs:

North end storm water ditches need cleaning

General Effectiveness of Best Management Practices:

good

Corrective Actions Required: Cleaning of ditches planned for July

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Signed: [illegible]

Date: 6/25/10

QUARTERLY COMPREHENSIVE SITE COMPLIANCE EVALUATION
SWPPP & SPCC COMPLIANCE

Facility Name:	Juniper Ridge LF
Location:	Old Town
Date of Inspection:	6/25/10
Inspector(s):	Tom Gilbert
Weather Conditions:	

Inspection of Potential Pollutant Sources

Description of Non-Compliant Conditions	In Compliance	Not In Compliance	Condition(s) Identified (use notes section as needed)
Erosion and/or sedimentation from exposed or unseeded topsoil	✓		Sergent working on areas
Access roads free of residues and tracked waste materials	✓		need sweeping
Areas cleaned of windblown litter that could contaminate local stormwater runoff		✓	working on litter
Landfill leachate being controlled to prevent offsite contamination	✓		
Material handling/storage areas being maintained free of spillage that could contaminate runoff	✓		
Vehicle & maintenance activities being done in a manner that all spills & leaks are contained	✓		
Construction related activities being conducted appropriately to contain sediment & runoff	✓		
Soil and other stockpiles in laydown area have appropriate erosion control measures in-place	✓		
Vehicle & equipment fueling stations free of leaks & spillage that could contaminate runoff	✓		
Petroleum product storage tanks provided with appropriate containment & spill control	✓		
Vehicle parking areas free of apparent oil leaks & debris	✓		

Were there any new onsite pollutant sources identified during this inspection(exposure to stormwater)?
Cell 6 work

Any evidence of recent spills or pollution incidents? NO

Do most recent monitoring results indicated that BMP improvements are necessary? no

Inspection of Stormwater BMPs

Reference	Description	Conditions Identified
BMP 1	Drainage channels and check dams	northern channel needs cleaning
BMP 2	Rip rap & level spreaders	none
BMP 3	Erosion control mix silt fence & hay bales	none
BMP 4	Litter fencing	none
BMP 5	Sedimentation/detention ponds	none
BMP 6	Intermediate and/or Final cover systems	none
BMP 7	Liner & leachate collection systems	none

Recommendations for Additional BMPs

None

Permit Non-Compliance Issues Identified

none

Additional Notes & Comments:

none

Facility Certification:

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine ans imprisonment for knowing violations.

NAME(printed): Tom Gilbert

SIGNATURE: [illegible]

DATE: 6/25/10

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	dusty
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	northend
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	pond 5
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 7/29/10 Completed by: T. Gilbert Weather Conditions: Sunny

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	Should clean northeast
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	Pond #5 may need cleaning
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 7/21/10 Completed by: T. Gilbert Weather Conditions: Overcast

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	dusty
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 7/14/10 Completed by: T. Gilmore Weather Conditions: fair

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	Some litter present
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 7/8/10 Completed by: T Gilbert Weather Conditions: Cloudy

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	dusty
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	need cleaning
Other		

Date: 7/1/10 Completed by: T. Gilbert Weather Conditions: Sunny warm

* Notes on back as necessary

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

INSPECTION MONTH\YEAR: July 2010 **INSPECTION DATE:** 7/29/10

NAME OF INSPECTOR: Tom Gilbert

INSPECTION ITEM DESCRIPTION	INSPECTED NO ACTION TAKEN	NEEDS ACTION (See Comments)
OPERATIONS	(place a check mark in the appropriate column)	
Access roads clear and free of debris	✓	
Active disposal area size minimized	✓	
Daily cover materials being utilized	✓	
Litter being controlled & collected as needed	✓	
Dust being minimized	✓	needs watering
Tracking of wastes outside of cell being controlled	✓	
Waste setback from berms	✓	
Leachate controlled & contained in cells	✓	
Odor control measures in-place	✓	some odor
Vector control measures in-place (birds, rats, etc.)	✓	a few birds
Fire prevention & control measures in-place	✓	
Adequate working equipment onsite	✓	
LEACHATE MANAGEMENT		
Build-up of sediment in wetwells	✓	
Pumps & valves functioning properly	✓	
Flow conditions	✓	
Pump station vented properly	✓	
Electrical panel inspection	✓	
Flow meter inspection	✓	
Manholes intact and serviceable	✓	
LEACHATE STORAGE & DISPOSAL		
Inspection of leachate storage pond & level	NA	
Any signs of leachate seeps	NA	
Underdrain system monitoring being performed	✓	
Inspection of loading rack system & drain	✓	
Leachate forcemain system	✓	
STORMWATER COLLECTION & CONTROL SYSTEMS		
Check outlet structures for condition	✓	
Drainage ditches clear and flowing	✓	northend needs cleaning
Signs of erosion	✓	
Check dams	✓	
Detention ponds	✓	
Silt fences installed properly	✓	
Check roadway ditches for erosion	✓	
ACTIVE GAS COLLECTION SYSTEM		
Condensate knockout system	✓	
Condition of wellheads ok	✓	
Presence of leakage on assembly	✓	
Noise/vibration in the motor or blower	✓	
Maintenance up-to-date	✓	
Condition of igniter system	✓	
Plumbness of stack	✓	

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

COMMENTS ON NON-COMPLIANT CONDITIONS:

REVIEW BY ENVIRONMENTAL COMPLIANCE MANAGER:

Signature 7/29/00
Date

Distribution: General Manager
PCE Manager

Quarterly Storm Water Visual Examination Report	**Sampling by: Jeremy Labbe**
	Title: Engineering Intern
Location: *Juniper Ridge Landfill*	**Date: 8/25/10**

Type of Discharge (rainfall / snowmelt): *Rainfall*			Time Since Previous Storm Event[2]: *1*
Date / Time of Evaluation	Outfall Sampled (identify as indicated on Site Plan)	Magnitude of Storm Event (inches)[1]	Observations[3]
8/25/10 – 4:45 & 6:10	#1	0.44	Flow – clear, no odor
8/25/10 – 4:50 & 6:15	#2	0.44	No flow
8/25/10 – 4:55	#3	0.44	Flow, tan, no odor
8/25/10 – 5:00 & 6:20	#4	0.44	No Flow - capacity left

[1] Storm event must be greater than 0.1 inches.
[2] Storm event must be at least 72 hours since previously measurable (greater than 0.1 inches). Document if no qualifying storm event occurred during the quarter.
[3] Document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution.

Date: 10/5/10 (date signed)	Signed:
	Title: Environmental Technician

Testing Results	**Performed by: Robert Coolong**	**Title: Engineering Intern**

Outfall Sampled (identify as indicated on Site Plan)	Discharge	pH	Conductivity (µs)	Imhof	Comments
#1	YES	9.11	121.4	0	
#2	NO				
#3	YES	6.87	97.3	0	
#4	NO				

Date: 10/5/10 (date signed)	Signed:

	Title: Engineering Technician

SWPPP/SPCC Weekly Inspection Form

Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	ok	Cell 5 dusty being watered.
Landfill – Cover	ok	
Landfill – Access Roads	ok	being watered
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	Been cleaned, new rock being placed + weeds being removed	
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	Pond #5 dry, should clean
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	Litter being picked up
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 8/24/10 Completed by: T. Gilbert Weather Conditions: Sunny, clear

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	ok	dusty
Landfill – Cover	ok	
Landfill – Access Roads	ok	dusty
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	Scheduled for cleaning w/o 8/23	
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	Pond #5
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 8/17/10 Completed by: ERIC NUTE Weather Conditions: Clear, Sunny

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	ok	
Landfill – Cover	ok	
Landfill – Access Roads	ok	a little dusty
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	Some scheduled for cleaning	
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	Pond #5 ?
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	Some litter
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 8/11/10 Completed by: ERIC NUTE Weather Conditions: Clear, Sunny

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	northend
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	pond 5
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 8/4/10 Completed by: T. Gilbert Weather Conditions: Sunny

* Notes on back as necessary

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

INSPECTION MONTH\YEAR: August 2010 **INSPECTION DATE:** 7/24/10

NAME OF INSPECTOR: T. Gilbert

INSPECTION ITEM DESCRIPTION	INSPECTED NO ACTION TAKEN (place a check mark in the appropriate column)	NEEDS ACTION (See Comments)	
OPERATIONS			
Access roads clear and free of debris	✓		
Active disposal area size minimized	✓		
Daily cover materials being utilized	✓		
Litter being controlled & collected as needed	✓		
Dust being minimized	✓		Litter being cleaned up
Tracking of wastes outside of cell being controlled	✓		needs more watering
Waste setback from berms	✓		
Leachate controlled & contained in cells	✓		
Odor control measures in-place	✓		
Vector control measures in-place (birds, rats, etc.)	✓		
Fire prevention & control measures in-place	✓		
Adequate working equipment onsite	✓		
LEACHATE MANAGEMENT			
Build-up of sediment in wetwells	✓		
Pumps & valves functioning properly	✓		
Flow conditions	✓		
Pump station vented properly	✓		
Electrical panel inspection	✓		
Flow meter inspection	✓		
Manholes intact and serviceable	✓		
LEACHATE STORAGE & DISPOSAL			
Inspection of leachate storage pond & level	NA		
Any signs of leachate seeps	NA		
Underdrain system monitoring being performed	✓		
Inspection of loading rack system & drain	✓		
Leachate forcemain system	✓		
STORMWATER COLLECTION & CONTROL SYSTEMS			
Check outlet structures for condition	✓		
Drainage ditches clear and flowing	✓		
Signs of erosion	✓		
Check dams	✓		
Detention ponds	✓		
Silt fences installed properly	✓		
Check roadway ditches for erosion	✓		
ACTIVE GAS COLLECTION SYSTEM			
Condensate knockout system	✓		
Condition of wellheads ok	✓		
Presence of leakage on assembly	✓		
Noise/vibration in the motor or blower	✓		
Maintenance up-to-date	✓		
Condition of igniter system	✓		
Plumbness of stack	✓		

JUNIPER RIDGE LANDFILL
FACILITY INSPECTION REPORT

COMMENTS ON NON-COMPLIANT CONDITIONS:

REVIEW BY ENVIRONMENTAL COMPLIANCE MANAGER:

Signature 7/25/10
Date

Distribution: General Manager
PCE Manager

QUARTERLY COMPLIANCE EVALUATION REPORT

Conduct a regular Weekly Inspection as part of this Quarterly Evaluation and include areas of historic spills. Review the prior weekly inspection reports, and quarterly visual monitoring logs. Identify any recurring or new issues that may require a change to this SWPPP or a follow-up action to protect stormwater from being polluted.

Date: 8/24/10

Inspected by: TG + TK

Recurring issues from current or prior inspections or visual monitoring logs:

None

General Effectiveness of Best Management Practices:

good

Corrective Actions Required: None

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Signed: [illegible]

Date: 8/26/10

QUARTERLY COMPREHENSIVE SITE COMPLIANCE EVALUATION
SWPPP & SPCC COMPLIANCE

Facility Name	Juniper Ridge LF
Location	Old Town
Date and Time	8/26/10
Inspector	Tom Gilbert
Weather Conditions	Sunny

Inspection of Potential Pollutant Sources

Description of Non-Compliant Conditions	In Compliance	Not In Compliance	Condition(s) Identified (use notes section as needed)
Erosion and/or sedimentation from exposed or unseeded topsoil	✓		
Access roads free of residues and tracked waste materials	✓		
Areas cleaned of windblown litter that could contaminate local stormwater runoff	✓		litter being cleaned up
Landfill leachate being controlled to prevent offsite contamination	✓		
Material handling/storage areas being maintained free of spillage that could contaminate runoff	✓		Rubb building waste oil area needs cleaning
Vehicle & maintenance activities being done in a manner that all spills & leaks are contained	✓		
Construction related activities being conducted appropriately to contain sediment & runoff	✓		
Soil and other stockpiles in laydown area have appropriate erosion control measures in-place	✓		
Vehicle & equipment fueling stations free of leaks & spillage that could contaminate runoff	✓		
Petroleum product storage tanks provided with appropriate containment & spill control	✓		
Vehicle parking areas free of apparent oil leaks & debris	✓		

Were there any new onsite pollutant sources identified during this inspection(exposure to stormwater)?
no

Any evidence of recent spills or pollution incidents? no

Do most recent monitoring results indicated that BMP improvements are necessary? no

Inspection of Stormwater BMPs

Reference	Description	Conditions Identified
BMP 1	Drainage channels and check dams	none
BMP 2	Rip rap & level spreaders	none
BMP 3	Erosion control mix silt fence & hay bales	none
BMP 4	Litter fencing	none
BMP 5	Sedimentation/detention ponds	none
BMP 6	Intermediate and/or Final cover systems	none
BMP 7	Liner & leachate collection systems	none

Recommendations for Additional BMPs

none

Permit Non-Compliance Issues Identified

none

Additional Notes & Comments:

none

Facility Certification:

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine ans imprisonment for knowing violations.

NAME(printed): Tom Gilbert

SIGNATURE: Tom Gilbert

DATE: 8/24/16

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings: In Compliance	Findings: Needs Attention	Corrective Actions Taken (Describe action as needed)
Entire Landfill Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		Lowering tank for heavy rain
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		Some litter South end
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up		✓	Dozer repair outside shop
Waste Debris from Equipment Contained		✓	needs debris cleaned up
Fuel Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T Gilbert

Date: 9/30/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings: In Compliance	Findings: Needs Attention	Corrective Actions Taken (Add notes section as needed)
Active Landfill Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		
500-Gallon Diesel Fuel Tank - AST #4	✓		Being cleaned up
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Facility			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up			
Waste Debris from Equipment Contained	✓	✓	inside spill
Fuel Storage			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T. Gilbert

Date: 9/21/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Checkmark In Compliance	Checkmark Needs Attention	Corrective Actions Taken (use notes section if needed)
Active Landfill Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained	✓		
Shop Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T. Gilbert

Date: 9/15/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings: In Compliance	Findings: Needs Attention	Corrective Actions Taken (use note section as needed)
Active Landfill Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		Dusty
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		Beam picked up
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained	✓		
Shop Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Other Buildings			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T. Gilbert

Date: 9/10/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings: Well Maintained	Findings: Needs Improvement	Corrective Actions Taken (use notes section as needed)
Active Landfill			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		Need watering
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Complex			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained	✓		
Shop Building			
Petroleum Drum Storage Area		✓	signs of spills
Waste Oil Storage Area		✓	needs cleanup
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T. Huber

Date: 9/1/10

Quarterly Storm Water Visual Examination Report	**Sampling by: Toby Salsbury**
	Title: Operator
Location: *Juniper Ridge Landfill*	**Date: 10/15/10**

Type of Discharge (rainfall / snowmelt): *Rainfall* — Time Since Previous Storm Event[2]: *7 days*

Date / Time of Evaluation	Outfall Sampled (identify as indicated on Site Plan)	Magnitude of Storm Event (inches)[1]	Observations[3]
10/26 – 6:15, 10:00 am	#1	1.63	No Flow
10/26 – 10:25 am	#2	1.63	Flow – light tan color, no odor, no sheen
10/26 – 10:35 am	#3	1.63	Flow – very light tan color, no odor, no sheen
10/26 – 6:45, 10:10 am, 12:30 pm, 2:00 pm	#4	1.63	No Flow - capacity left
10/26 – 6:00, 10:30 am, 1:00 pm, 2:10 pm	#5	1.63	No Flow

[1] Storm event must be greater than 0.1 inches.
[2] Storm event must be at least 72 hours since previously measurable (greater than 0.1 inches). Document if no qualifying storm event occurred during the quarter.
[3] Document observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators of storm water pollution.

Date: 12/7/10 (date signed) — Signed: [illegible] — Title: Environmental Technician

Testing Results — **Performed by: Jeremy Labbe** — **Title: Engineering Technician**

Outfall Sampled (identify as indicated on Site Plan)	Discharge	pH	Conductivity (µs)	Imhof	Comments
#1	NO				
#2	YES	6.49	78.9	0	
#3	YES	6.88	52.9	0	
#4	NO				

#5	NO				
Date: 12/7/10 (date signed)		Signed:			
		Title: Engineering Technician			

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings (✓ = Acceptable, Note Deficiencies)		Corrective Actions Taken (Note items seldom as needed)
Active Landfill Area			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		some buildup
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		some litter
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained	✓		
Rubb Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T. Gilbert

Date: 10/26/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings		Corrective Actions Taken
Active Landfill Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		some litter ✓
Litter Being Controlled Onsite	✓		
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained	✓		
Rubb Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T. Gilbert

Date: 12/20/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings: Satisfactory	Findings: Needs Attention	Corrective Actions Taken (Describe Action Taken and Date)
Daily Inspection Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite		✓	needs attention
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained		✓	Outside debris dozer
Pump Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T. Gilbert

Date: 10/13/00

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Satisfactory	Unsatisfactory	Corrective Actions Taken (Unsatisfactory conditions corrected)
Landfill			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		Berm on cell 3 being repaired
Drainage Channels/Check Dams	✓		
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		Some wind blown litter
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		Dozer outside needs
Waste Debris from Equipment Contained	✓		Cleaning underneath
Solid Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: T Gilbert

Date: 10/4/10

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	intermediate cover being installed cells 5
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	Some dripping of oils needs cleaning up on floor.	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	Some litter
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	needs cleaning
Other		

Date: 11/23/10 Completed by: Tom Gilbert Weather Conditions: fair

* Notes on back as necessary

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings: In Compliance	Findings: Needs Attention	Corrective Actions Taken (use notes section as needed)
Active Landfill Areas:			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		Northend needs attention
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite		✓	Being picked up
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		some spills stones being picked up
Waste Debris from Equipment Contained	✓		
Rubb Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area	✓		some drips
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓	✓	Spill being cleaned up.

NOTES:

Inspection Completed By: T. Gilbert

Date: 11/18/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings		Corrective Actions Taken
Active Landfill Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams		✓	North/South end
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		needs attention
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained	✓		outside ground needs cleaning
Rock Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area		✓	oil cleaned on top of drums
100-Gallon Diesel Tank (water pump) - AST #8		✓	
All Chemical Storage Inside & Contained		✓	
Equipment Leaks/Spills Cleaned-Up		✓	
Office Building			
275-Gallon Heating Oil Tank - AST #7		✓	
Outside Areas Free of Vehicle Leaks/Spills		✓	

NOTES:

Inspection Completed By: T. Gilbert

Date: 11/4/10

WEEKLY INSPECTION FORM - SPCC/SWPPP COMPLIANCE
JUNIPER RIDGE LANDFILL

Areas Inspected	Findings: Present Condition Improved		Corrective Actions Taken (Date/Notes section as needed)
Active Landfill Areas			
Landfill Cover Systems	✓		
Landfill Access Roads	✓		Muddy
Leachate Collection Systems	✓		
Leachate Tank/Loading Rack	✓		
Clean Water Runoff Systems	✓		
Drainage Channels/Check Dams	✓		some cleaning needed
Stormwater Outfalls	✓		
Sedimentation Ponds	✓		
Litter Being Controlled Onsite	✓		some litter
500-Gallon Diesel Fuel Tank - AST #4	✓		
275-Gallon Hydraulic Oil Tank - AST #5	✓		
2,500-Gallon Diesel Fuel Truck - AST #6	✓		
Maintenance Building			
Spill Collection Tank (ample room in case of spill)	✓		
350-Gallon Motor Oil Tank - AST #1	✓		
350-Gallon Hydraulic Oil Tank - AST #2	✓		
1,000-Gallon Gasoline Tank - AST #3	✓		
Fluid Leaks/Spills Being Cleaned-Up	✓		
Waste Debris from Equipment Contained	✓		
Rubb Building			
Petroleum Drum Storage Area	✓		
Waste Oil Storage Area		✓	oil ontop of drums
100-Gallon Diesel Tank (water pump) - AST #8	✓		
All Chemical Storage Inside & Contained	✓		
Equipment Leaks/Spills Cleaned-Up	✓		
Office Building			
275-Gallon Heating Oil Tank - AST #7	✓		
Outside Areas Free of Vehicle Leaks/Spills	✓		

NOTES:

Inspection Completed By: J. Gilbert

Date: 11/10/10

QUARTERLY COMPREHENSIVE SITE COMPLIANCE EVALUATION
SWPPP & SPCC COMPLIANCE

Facility Name:	SRL
Location:	old TOWN
Date of Inspection:	11/10/10
Inspector(s):	T. Gilbert
Weather Conditions:	Clear

Inspection of Potential Pollutant Sources

Description of Non-Compliant Conditions	In Compliance	Not In Compliance	Condition(s) Identified (use notes section as needed)
Erosion and/or sedimentation from exposed or unseeded topsoil	✓		
Access roads free of residues and tracked waste materials	✓		some mud due to rains
Areas cleaned of windblown litter that could contaminate local stormwater runoff	✓		some areas still need cleaning
Landfill leachate being controlled to prevent offsite contamination	✓		
Material handling/storage areas being maintained free of spillage that could contaminate runoff	✓		
Vehicle & maintenance activities being done in a manner that all spills & leaks are contained	✓		
Construction related activities being conducted appropriately to contain sediment & runoff	✓		no construction
Soil and other stockpiles in laydown area have appropriate erosion control measures in-place	✓		
Vehicle & equipment fueling stations free of leaks & spillage that could contaminate runoff	✓		
Petroleum product storage tanks provided with appropriate containment & spill control	✓		some waste oil leakage on top of drums
Vehicle parking areas free of apparent oil leaks & debris	✓		

Were there any new onsite pollutant sources identified during this inspection(exposure to stormwater)?
none

Any evidence of recent spills or pollution incidents? no

Do most recent monitoring results indicated that BMP improvements are necessary? no

Inspection of Stormwater BMPs

Reference	Description	Conditions Identified
BMP 1	Drainage channels and check dams	Check dam near pond #5 needs silt removed
BMP 2	Rip rap & level spreaders	all look good
BMP 3	Erosion control mix silt fence & hay bales	all good
BMP 4	Litter fencing	some litter need to be picked up.
BMP 5	Sedimentation/detention ponds	good
BMP 6	Intermediate and/or Final cover systems	good
BMP 7	Liner & leachate collection systems	good

Recommendations for Additional BMPs

none

Permit Non-Compliance Issues Identified

none

Additional Notes & Comments:

site looks good even after recent heavy rain event.

Facility Certification:

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine ans imprisonment for knowing violations.

NAME(printed): Tom Gilbert

SIGNATURE: [signature]

DATE: 11/10/10

QUARTERLY COMPLIANCE EVALUATION REPORT

Conduct a regular Weekly Inspection as part of this Quarterly Evaluation and include areas of historic spills. Review the prior weekly inspection reports, and quarterly visual monitoring logs. Identify any recurring or new issues that may require a change to this SWPPP or a follow-up action to protect stormwater from being polluted.

Date: 11/10/10
Inspected by: T. Gilbert

Recurring issues from current or prior inspections or visual monitoring logs:
none

General Effectiveness of Best Management Practices:
good

Corrective Actions Required: some actions listed on compliance evaluation.

Certification:
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including possibility of fine and imprisonment for knowing violations.

Signed: [signature]

Date: 11/10/10

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	OK	
Landfill – Cover	OK	
Landfill – Access Roads	OK	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	OK	
Truck Scale	OK	
Machinery & Equipment	OK	
Drainage Channels/Check Dams	Snow covered	
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	OK	
Spill collection tank at maintenance garage (ample room for large spill)	OK	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	OK	
Sediment & Erosion Controls	Snow covered	
Litter Fencing	OK	
Leachate Collection System	OK	
Administration Building (275-gal. heating oil tank)	OK	
Maintenance Garage	OK	needs cleaning inside
Other		

Date: 12/29/10 Completed by: T. Gilbert Weather Conditions: Sunny

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form

Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	ok	
Landfill – Cover	ok	
Landfill – Access Roads	ok	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	ok	
Truck Scale	ok	
Machinery & Equipment	ok	
Drainage Channels/Check Dams	ok	
Discharge Points (Outfalls)	ok	
Sedimentation Ponds	ok	Pond 5 outlet work needed probably Spring 11
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	ok	
Spill collection tank at maintenance garage (ample room for large spill)	ok	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	ok	
Sediment & Erosion Controls	ok	
Litter Fencing	ok	Portable Fence installed SE cell 6
Leachate Collection System	ok	
Administration Building (275-gal. heating oil tank)	ok	
Maintenance Garage	ok	
Other		

Date: 12/22/10 Completed by: T. Gikat Weather Conditions: Snow

* Notes on back as necessary

QUARTERLY COMPREHENSIVE SITE COMPLIANCE EVALUATION
SWPPP & SPCC COMPLIANCE

Facility Name:	JuniperRidge Landfill
Location:	Old Town, ME
Date of Inspection:	12/13/10
Inspector(s):	Jeremy Labbe
Weather Conditions:	53°F raining

Inspection of Potential Pollutant Sources

Description of Non-Compliant Conditions	In Compliance	Not In Compliance	Condition(s) Identified (use notes section as needed)	
Erosion and/or sedimentation from exposed or unseeded topsoil	✓			
Access roads free of residues and tracked waste materials		✓	Accessroad to cell 5 & cell 6	1
Areas cleaned of windblown litter that could contaminate local stormwater runoff		✓	litter present in and by sed pond 6	2
Landfill leachate being controlled to prevent offsite contamination	✓			
Material handling/storage areas being maintained free of spillage that could contaminate runoff	✓			
Vehicle & maintenance activities being done in a manner that all spills & leaks are contained	✓			
Construction related activities being conducted appropriately to contain sediment & runoff	✓			
Soil and other stockpiles in laydown area have appropriate erosion control measures in-place	✓			
Vehicle & equipment fueling stations free of leaks & spillage that could contaminate runoff	✓			
Petroleum product storage tanks provided with appropriate containment & spill control	✓			
Vehicle parking areas free of apparent oil leaks & debris	✓			

Were there any new onsite pollutant sources identified during this inspection(exposure to stormwater)?
No new pollutant sources identified

Any evidence of recent spills or pollution incidents? NO

Do most recent monitoring results indicated that BMP improvements are necessary? NO

Inspection of Stormwater BMPs

Reference	Description	Conditions Identified
BMP 1	Drainage channels and check dams	In place & functioning as designed
BMP 2	Rip rap & level spreaders	Level spreaders on pond 5 working, but slope of land brings all water back together at bottom corner of fence area, needs re-grading (3)
BMP 3	Erosion control mix silt fence & hay bales	working where necessary. Silt fence on west perimeter not necessary any longer.
BMP 4	Litter fencing	Need additional litter fence on south east corner of cell 6, no fence present
BMP 5	Sedimentation/detention ponds	Functioning as designed
BMP 6	Intermediate and/or Final cover systems	working properly
BMP 7	Liner & leachate collection systems	working properly

Recommendations for Additional BMPs

None at this time

Permit Non-Compliance Issues Identified

(1) Improperly graded leading to ponding & potential for waste/water transfer outside of cell.

(2) Litter present in area of sed pond 6, including in pond 6 allowing for possibility of stormwater runoff contamination

(3) Sed pond 5 base area (fence vicinity) should be re-graded to prevent erosion associated with turbulent flow due to re-gathering of stormwater once leaving the level spreaders.

Additional Notes & Comments:

NA

Facility Certification:

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine ans imprisonment for knowing violations.

NAME(printed): Jeremy Labbe

SIGNATURE:

DATE: 10/18/10

SWPPP/SPCC Weekly Inspection Form

Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	Snow covered	
Discharge Points (Outfalls)	Snow covered	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	
Sediment & Erosion Controls	✓	
Litter Fencing	✓	
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 12/7/10 Completed by: T Gilbert Weather Conditions: overcast

* Notes on back as necessary

SWPPP/SPCC Weekly Inspection Form
Juniper Ridge Landfill

Area Inspected	Findings	Corrective Actions Taken
Landfill – Open Cells	✓	
Landfill – Cover	✓	
Landfill – Access Roads	✓	
Stockpile Storage Areas (tire chips, C&D, soils, etc.)	✓	
Truck Scale	✓	
Machinery & Equipment	✓	
Drainage Channels/Check Dams	✓	Cleaning on northeast needed
Discharge Points (Outfalls)	✓	
Sedimentation Ponds	✓	
Tanks and Drums (Petroleum tanks in maintenance garage & tanks on top of landfill)	✓	
Spill collection tank at maintenance garage (ample room for large spill)	✓	
Spill Kits (maintenance garage, rubb storage building, scales, tanks on top of landfill, & loadout rack)	✓	need to order spill pads + expediting
Sediment & Erosion Controls	✓	
Litter Fencing	✓	some litter
Leachate Collection System	✓	
Administration Building (275-gal. heating oil tank)	✓	
Maintenance Garage	✓	
Other		

Date: 2/4/10 Completed by: T. Gilbert Weather Conditions: Clear

* Notes on back as necessary

ATTACHMENT G

2010 ANNUAL SOLID WASTE MANAGEMENT REPORT for MUNICIPALITIES and DEP-licensed TRANSFER STATIONS AND LANDFILLS

REPORTING ENTITY: JUNIPER RIDGE LANDFILL (operated by NEWSME Landfill Operations, LLC)

This report includes information on MSW disposal for the following municipalities: **NA**

This report includes information on RECYCLING for the following municipalities: **NA**

DEP LICENSE NUMBER: #S-020700-WD-N-A

A. CONTACT PERSON: **Tom Gilbert** Phone: **207-862-4200, ext.245**

Title: **Environmental Compliance Manager** Cell phone: **207-852-4134**

Mailing Address: **358 Emerson Mill Road** E-mail: **tom.gilbert@casella.com**

City/Town: **Hampden** Zip Code: **04444**

B. TRANSFER STATION or LANDFILL MANAGER: **Wayne Boyd**

Mailing Address: **358 Emerson Mill Road, Hampden, Maine 04444** Phone: **207-862-4200**

E-mail: **wayne.boyd@casella.com** Cell phone: **207-694-5510**

☒ Not applicable

C. RECYCLING COORDINATOR

E-mail:

D. RECYCLING COMMITTEE CHAIR:

E-Mail:

F. Please list the web site address(es), if any, used by the reporting entity to provide recycling and solid waste management information to your residents:

Signature of person completing this form _____

Printed name of person completing this form: Tom Gilbert, Environmental Compliance Manager

Please return two (2) copies of your completed form (3 copies for landfill reports) with the required annual report fee (if any) by April 30, 2011 to:

Vicky Bryant
Maine Dept. of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017

SECTION 1 SUMMARY OF WASTE DISPOSAL AND RECYCLING

Waste Type	TONS received residential	TONS received commercial	Destination(s) (may list broker for recyclables)	Transporter(s) (leave blank if list broker in previous column)	Final use/ disposition* (D, R, C, B, or E)
MSW	NA	NA			
Mixed CDD	NA	NA			
Wood from CDD	NA	NA			
Residues from CDD Processing	NA	NA			
Asphalt shingles	NA	NA			
Sheetrock	NA	NA			
Carpet	NA	NA			
Leaf & yard waste	NA	NA			
Land clearing debris	NA	NA			
Burn pile ash and/or hot loads area ash	NA	NA			
Tires	NA	NA			
White goods & scrap metal	NA	NA			
Vehicle batteries	NA	NA			
Mixed recyclables/ Single Stream	NA	NA			
Co-mingled containers	NA	NA			
Co-mingled paper & OCC	NA	NA			
Office paper grade	NA	NA			
Mixed paper grade	NA	NA			
Corrugated cardboard (OCC)	NA	NA			
Mixed newspapers and magazines	NA	NA			
Newspapers (ONP)	NA	NA			
Magazines (OMG)	NA	NA			
Mixed glass	NA	NA			
Clear glass	NA	NA			
Green glass	NA	NA			
Brown/amber glass	NA	NA			
Mixed household metals	NA	NA			
Aluminum cans/foil	NA	NA			
Tin cans	NA	NA			
WTE metal	NA	NA			

***Enter code: D=disposed, R=recycled, C=composted, B=beneficial use, or E=diverted for energy (wood & tires only)**

Table continued on next page…

Waste Type	TONS received residential	TONS received commercial	Destination(s) (may list broker for recyclables)	Transporter(s) (leave blank if list broker in previous column)	Final use/ disposition* (D, R, C, B, or E)
Mixed plastics	NA	NA			
PETE/ PET (#1) plastic	NA	NA			
HDPE (#2) plastic	NA	NA			
PVC (#3) plastic	NA	NA			
LDPE (#4) plastic	NA	NA			
Cooking oil/grease	NA	NA			
Other (list)	NA	NA			

***Enter code: D=disposed, R=recycled, C=composted, B=beneficial use, or E=diverted for energy (wood & tires only)**

If this report includes data for more than one municipality, list each municipality and the percentage (please note as actual or estimated) of the total recyclables from each municipality:

Commercially-owned and Privately-owned facilities: Attach a report listing the waste types, amounts and state of origin for all waste accepted from states other than Maine. **No wastes accepted from outside of Maine**

Universal waste handling - Provide a summary of universal waste handling activities, including the types of universal waste accepted and the amounts from residences and businesses sent for recycling. You can refer to your waste shipment records for this information.

This facility accepts Universal Wastes from: (check all that apply)

__ Households __ Businesses __ Municipal buildings/schools __ Direct elsewhere (fill in next table)

Waste Type	Amount received from households	Units of measure	Amount received from businesses, municipal buildings and schools	Units of measure	Consolidator or other destination
Monitors and TVs	NA		NA		
Computers and peripherals	NA		NA		
Mercury lamps	NA	linear feet	NA	linear feet	
CFLs	NA	units	NA	units	
Mercury thermostats	NA		NA		
Other mercury devices	NA		NA		
Batteries	NA		NA		
Intact PCB ballasts	NA		NA		
Other: _____	NA		NA		
Other: _____	NA		NA		

If you do not accept Universal Wastes at your facility, where do you direct your residents and businesses to deliver these products? **Pine Tree Transfer & Recycling in Hampden**

Waste Oil Management: ☒ Not Applicable

Gallons removed by licensed transporter	
Gallons burned on site in waste oil furnace	
Gallons burned by municipality off-site	
Gallons burned off-site by other entity	

Name of transporter: _____

SECTION 2 REUSE ☒ Not Applicable

Please describe any reuse opportunities for 'items salvaged', as may be provided/managed through a 'Swap shop/bargain barn' or 'casual program', including charity collection boxes, at this transfer station or recycling center.

Tons **Estimated?** Yes __ No __ **Use a Building?** Yes __ No __

SECTION 3 COMPOSTING

Municipal Program ☒ Not Applicable

List participating municipalities:_____

Waste Type	**Amount accepted***	**Units of measure**	**Amount of compost shipped**	**Units of measure**	**Broker/End-User**
Leaf & yard waste					
Food Waste					
Other Organics (describe):					
_____					
_____					

***actual or estimated?** _____ _____

Backyard composting **- CREDITS** _____ ☒ Not Applicable

List municipalities with a backyard compost education program:
(Must attach sample of flyer/media, to receive recycling credit)

List municipalities that ban disposal of leaf/yard waste:

What percentage of households has a backyard compost pile? _____% **(Copy of survey must be submitted)**

What percentage of households received a backyard compost bin this year? before this year?

SECTION 4 ADDITIONAL INFO. ON MUNICIPAL SOLID WASTE MANAGEMENT PROGRAM

Municipal Solid Waste (MSW) Collection Practices of Member Communities	
List municipalities which provide curbside trash pickup by municipal employees	NA
List municipalities which provide curbside trash pickup by private hauler(s)	NA
List municipalities in which residents contract for curbside trash pick up by private haulers	NA
List the names of haulers operating in municipalities	NA
List municipalities in which residents drop-off trash at transfer station	NA
Estimate MSW taken directly out of communities for disposal by private hauler(s) as a percent of total	NA

How are trash disposal costs paid?	
List municipalities that pay for commercial trash disposal	NA
List municipalities in which businesses pay for commercial trash disposal	NA
List municipalities which have a "Pay As You Throw" program for residents and the price per bag for each.	NA

Recycling Collection Practices of Member Communities	
List municipalities which provide curbside collection of recyclables by municipal employees	NA
List municipalities which provide curbside collection of recyclables by private hauler(s)	NA
List municipalities in which private haulers provide curbside collection of recyclables	NA
List the names of haulers	NA
List the municipalities in which residents drop-off recyclables at transfer station or recycling center	NA

Household Hazardous Waste Collection	
List municipalities that provide for Household Hazardous Waste collection	NA
Total cost	NA
Vendor	NA
Frequency of collection	NA

Program information	
Solid Waste Program Expenses:	NA
Income from Recycling:	NA
List municipalities that have mandatory recycling	NA
List municipalities which have any other solid waste and/or recycling ordinances	NA
List municipalities which have any items banned from disposal of by municipal ordinance, and the items they ban.	NA

Please attach a copy of your program's annual financial report.

SECTION 5 - Additional Reporting Requirements for DEP-licensed Transfer Stations

1. **Provide a summary of factors which affected the operation, design, and/or environmental monitoring program.**

NA

2. **Operations**

   A. Submit copies of reports prepared in accordance with the transfer station or storage facility's Hazardous and Special Waste Handling and Exclusion Plan. **NA**

   B. Report on deviations from approved operations manual and proposed changes in operations and/or operations manual. **NA**

Past Year Deviations

Proposed Changes

3. **Summary of staff training provided on operation or maintenance of the transfer station. NA**

4. **Summary of all spills, fires and/or accidents on-site. NA**

Spills

Fires

Accidents

5. **Provide verification of 2 feet till soil between waste, and seasonal high water and bedrock if one or more base pads for storage of non-containerized waste is used. NA**

6. Design

If any aspect of design was changed, please submit as-built plans and a narrative on these changes (proposed design changes for current year may be described).

NA

7. Monitoring (if facility has a monitoring plan).
Evaluation of past year's monitoring results, monitoring program and equipment; recommended changes may be submitted. Attach additional sheets or provide a separate attachment if additional space is needed.

Monitoring Results **NA**

Monitoring Program **NA**

Equipment

8. Recommended Changes for transfer station (if any) NA

9. Comments: Please describe any recent improvements in your solid waste and recycling program. Include future plans or concerns for your program. **NA**

SECTION 6 **Additional Reporting Requirements for DEP-licensed Landfills** ☐ Not applicable

Solid Waste Disposal Summary Table – Landfilled Wastes

Type of Waste	Amount Landfilled (tons)	State of Origin*	Facility of Origin (for MSW by-pass and FEPR)
MSW	0		
MSW By-Pass	14,357	Maine	Pine Tree Waste - Waterville
MSW By-Pass	13,107	Maine	Pine Tree Waste – West Bath
MSW By-Pass	5,153	Maine	Troiano Waste – South Portland
MSW By-Pass	4,922	Maine	MERC
MSW By-Pass	1,985	Maine	PERC
FEPR	62,887	Maine	PERC
FEPR	62,363	Maine	MERC
CDD	145,488	Maine	
Oversized Bulky Waste (OBW)	96,520	Maine	
Municipal WWTP/POTW Sludge	28,948	Maine	
Industrial WWTP Sludge	15,235	Maine	
Non-Friable Asbestos Debris	2,584	Maine	
Treated Biomedical Waste	683	Maine	
Blasting Grit	405	Maine	
Catch Basin Grit & Sump Cleanout	574	Maine	
WWTP Grit Screenings	513	Maine	
Lime & Slaker Grit	3,229	Maine	
Leather Scraps	373	Maine	
Oily Debris	678	Maine	
Spoiled Food Related Wastes	895	Maine	
Non-Hazardous Chemical Related	671	Maine	
Pulp Mill Wastes	5,918	Maine	
Sulfur Scrubbing Residues	121	Maine	
Vegetable Starch	211	Maine	
Misc. Special Wastes	102	Maine	
Wood Chips (Cell Frost Layer)	858	Maine	
Waste as Alternative Daily Cover:			
MSW Incinerator Ash	104,865	Maine	
Biomass Boiler Ash	25,704	Maine	
Contaminated Soil	6,407	Maine	
Short-Paper Fiber Cover	14,375	Maine	
Wood Processing Fines	87,449	Maine	
Clean Wood Burn Ash	618	Maine	

- Please enter the amount of waste received by state of origin; do not add amounts from two or more states together.

MSW* Recycled (tons)	0
Landfill capacity used by daily cover – this year (cubic yards)	185,300 (estimated)
Landfill Capacity used by waste - this year (cubic yards)	547,895 (includes daily cover waste materials)
Total landfill capacity used – this year (cubic yards)	547,895
Total landfill capacity used (cubic yards)	3,715,281 (through 12/31/10)
Total landfill capacity remaining (cubic yards)	6,565,719 (as of 1/1/11)

NOTE: If reporting in tons, please provide the latest 'in place weight/volume' calculation so that the remaining airspace in cubic yards may be determined.
*do not include tires or composted materials.

Pursuant to 38 MRSA §1310-N(6-D), an annual report and fee shall be submitted by the landfill operator to the Department for review and approval. The annual reporting requirements for landfills are as follows (as listed in Chapter 401, section 4.D of the *Solid Waste Management Regulations*:

See separate JRL 2010 Annual Report submission included with this document.

(1) General. The annual report must include:

(a) A summary of activity at the landfill during the past year. This shall include a narrative describing any factors, either at the landfill or elsewhere, that affected the operation, design or monitoring programs of the landfill.

(b) An evaluation of the landfill's operations to verify compliance with the approved operations manual, licenses, and regulatory requirements. This evaluation shall be performed either by qualified facility personnel or a qualified consultant.

(2) Operations. As part of the annual report, the following operational information is required.

(a) A summary of the type, quantity, and origin of waste received (may reference preceding tables);

(b) Estimates of the capacity of the landfill used during the past year and of the landfill's remaining capacity;

(c) A description and estimate of the amount of cover material used in the past year;

(d) A summary of changes in the operations manual during the past year as submitted pursuant to section 4.A(2);

(e) Proposed changes to the operations manual or other aspect of the landfill's operations;

(f) A summary of responses to spills, fires, accidents, and unusual events that occurred at the landfill in the past year;

(g) Updated cell development plans, highlighting any changes to the approved plans and including detailed plans for the subsequent two year period. Approved plans need to be updated whenever variabilities in waste disposal rates and other operational factors cause development to vary more than 6 months from projected timelines. Detailed plans must include a narrative and drawings that address: layout of the cells, projected grades, location and timing of intermediate and/or final cover, location and construction of cell access, any relevant aspects of leachate and

stormwater management measures, any relevant aspects of erosion and sedimentation control measures, and other pertinent facility-specific features.

(h) Copies of reports prepared in accordance with the landfill's Hazardous and Special Waste Handling and Exclusion Plan;

(i) A report on the results from the inspections and testing required by section 4.C(12), including a report stating the date and findings associated with the annual inspection and cleaning, if necessary, of the leachate collection, detection, and transport systems; and

(j) A description of system failures and documentation of repair measures to those systems.

(3) Facility Site Changes. The annual report must document minor changes to the facility site not requiring departmental approval that have occurred during the reporting year. Also, minor aspects of the facility site proposed to be changed in the current year may be described in the annual report. Changes handled in this manner are those that do not require licensing under minor revision or amendment provisions of Chapter 400.

(4) Monitoring. The following monitoring information must be included in the annual report. If any of this information is submitted with the facility's periodic monitoring reports, only a summary of that information is required in the annual report. Evaluations must be done in accordance with all approved monitoring plans for the landfill.

(a) An evaluation of data gathered for each surface water and ground water monitoring point for the landfill, including a statistical analysis of the data where appropriate.

(b) An evaluation of the quantity and quality of leachate generated by the landfill during the past year, including a comparison of the past year's leachate monitoring results to previous years' results.

(c) An evaluation of the quantity and quality of liquid found in the leak detection and removal system during the past year, including a comparison of the past year's results to the previous years' results.

(d) An evaluation of the gas monitoring results for the past year, including a comparison of the past year's results to the previous years' results.

(e) An evaluation of the air monitoring results for the past year, including a comparison of the past year's results to the previous years' results.

(f) An evaluation of the condition of each monitoring well.

(g) Any changes to any aspect of the approved monitoring programs proposed in response to the changes in operation or design of the landfill, or environmental effects attributable to the landfill or its ancillary structures.

(h) An evaluation of the stability and settlement monitoring data collected at each monitoring point.

(5) Financial Assurance. The landfill owner or operator must submit an annual update on cost and documentation of any changes made to the financial assurance instrument in accordance with Chapter 400, section 11.

ATTACHMENT H

JUNIPER RIDGE LANDFILL
CELL 7 DEVELOPMENT

1.0 CELL 7 SYSTEM OVERVIEW

Cell 7 is approximately 7 acres in size and is located to the east of the existing Cell 3B. Cell 7 includes an underdrain system, a composite liner system, a leachate collection system, and a frost protection/soft layer. Cell 7 was constructed during the 2011.

The underdrain system consists of a 12-inch sand layer and HDPE piping constructed to allow the system to be monitored over time. The composite primary liner system consists of, from the top down, an 80-mil HDPE textured geomembrane, a geosynthetic clay liner (GCL), and a two-foot compacted clay barrier soil layer with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec.

The Cell 7 leachate collection system consists of a 12-inch layer of granular material, perforated HDPE laterals and perimeter transport piping (minimum diameter 6 inches), stone pipe filters, and a drainage geocomposite. The leachate collection system for Cell 7 drains by gravity to the southwest corner of the cell. The Cell 7 leachate piping is connected the existing leachate transport pipes located on the southern end of Cells 3B, 3A, and 2 which discharges to the Cell 4 pump station. The transport pipe is 8-inch in Cell 3B, and 12 inch in Cells 3A and 2. Clean outs are provided for the Cell 7 leachate laterals, and perimeter transport piping. The Cell 7 underdrain system, consisting of a 12 inch layer of granular material, and 6-inch collection pipes which are connected to a dedicated 6-inch pipeline which was installed as part of the construction of Cells 1, 2, 3A and 3B and discharges to the underdrain manhole #5 located to the west of Cell 1.

2.0 CELL 7 DEVELOPMENT

Initial conditions prior to waste placement into the Cell 7 is shown on Figure 1 After the initial placement of the 5-foot soft layer within Cell 7, waste placement and operations of Cell 7 will be performed in the same manner as previous cells (i.e., lift height, compaction effort, etc.). Access to the Cells will be from the north side of Cell 7. The access road will be constructed over the perimeter berm as detailed of Figure 7. Portions of Cell 7 waste placement will piggy-back onto the eastern waste slope of Cell 3B. Prior to filling against the southeastern sideslopes of Cell

3B, temporary cover materials will be removed to the height of the next waste lift and surface water runoff from the sideslope above the operating area will be diverted as clean water away from the active operating area. During the initial waste placement operations along the perimeter of Cell 7 the waste will be placed as shown on Figure 6 to allow infiltration of leachate into the perimeter drainage stone or sand.

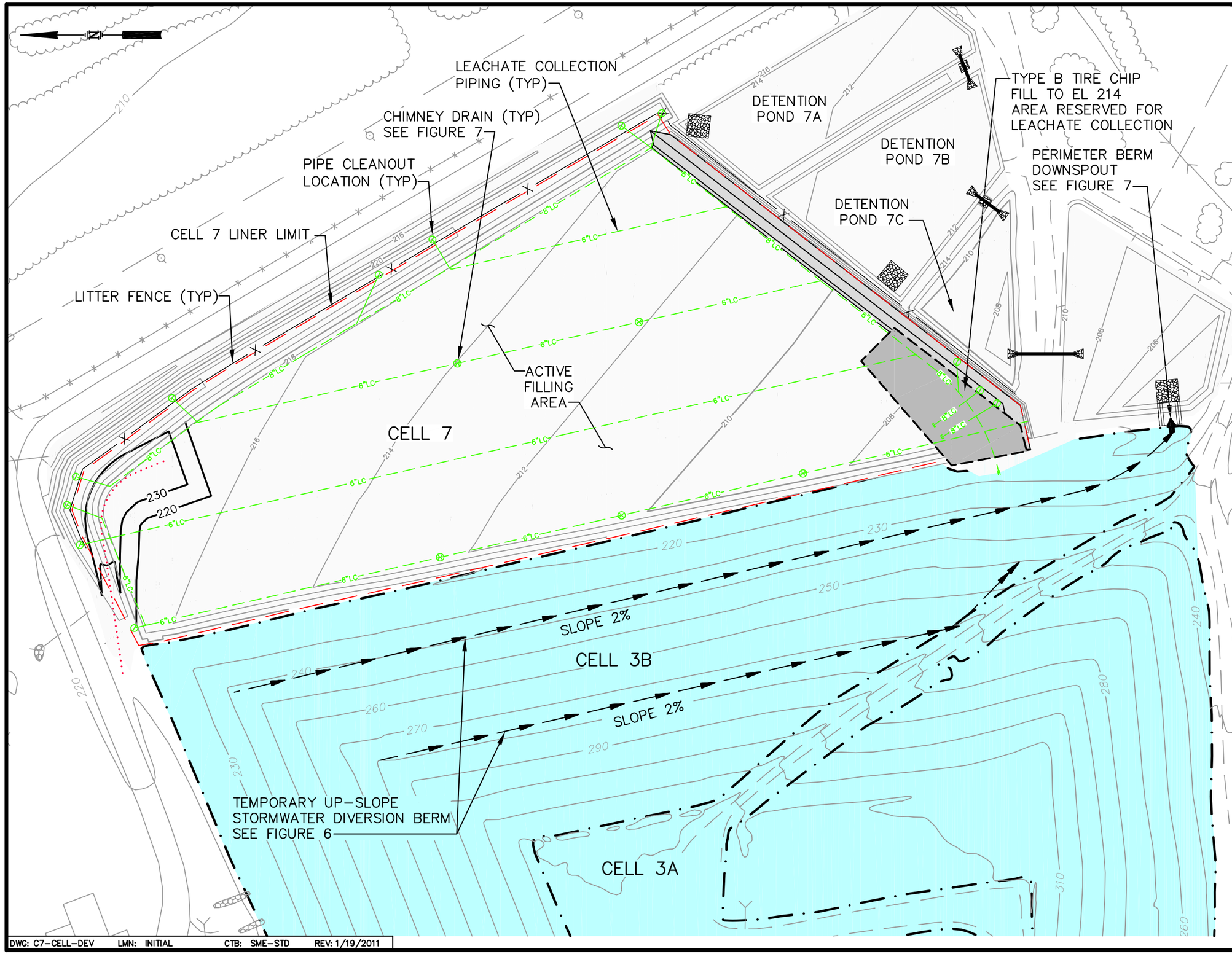
As the soft layer is placed, chimney drains will be installed at the locations shown on Figure 1 to increase the draining capacity of the waste mass. The chimney drains will be constructed of tire chips and piping through the 5-foot soft waste layer only to minimize the gas emissions from these structures. Details of chimney drain construction are shown in Figure 7. As upper stages of waste placement are brought to finish grade leachate piping and leachate collection inlets shall be installed to collect stormwater runoff from the active disposal areas that does not infiltrate the waste. Locations of the inlets are shown on Figures 3 through 5 and details of the leachate collection inlets are shown on Figure 6. These outlets will be capped to minimize odor generation from the facility, and the caps removed to drain the ponded water.

Waste placement operations in Cell 7 will progress until Stage 1 grades are achieved as shown on Figure 2. The Stage 2 leachate collection piping and leachate collection inlets shall be located at as shown on Figure 3 and constructed as shown on Figure 6. Intermediate geomembrane cover will be placed on the lower waste sideslopes of Cell 7 and horizontal gas collection trenches will be installed and connected to the site's gas management infrastructure after the Stage 1 grades are achieved as shown on Figure 3. Intermediate cover details are shown in Figures 6 and 7. Runoff from the intermediate cover will flow to temporary stormwater ditches to s constructed along the inside edge of the perimeter berm of Cell 7 as shown on Figure 6. The runoff will then be conveyed by way of perimeter downspouts to the stormwater retention structures located outside of the Cells. The perimeter downspout will be constructed of geomembrane and will include a riprap plunge pool at the bottom of the slope (as shown on Figure 7).

Waste filling will progress to Stages 2, 3 and 4 (as shown on Figures 3, 4 and 5 respectively) before additional horizontal gas collection trenches and vertical gas collection wells are installed. The filling of Stages 2, 3 and 4 will include the construction of the landfill access road which incorporates 2-foot high berms on both sides of the road. The berm on the up-slope side

of the road will form a stormwater ditch and will be lined with temporary geomembrane cover. The stormwater ditch will direct runoff from the upper part of the covered landfill via culverts to the lower portion of the landfill where it is directed to the temporary stormwater ponds. . Placement of daily and intermediate cover as described above will be performed as necessary by NEWSME to minimize leachate generation and control odors (Ref. Figures 2 through 5).

The capacity of Cell 7 from the Cell 7 top of leachate collection sand and top of waste of fully developed (El 325) Cell 3B, to the final waste grade at Elevation 325.0 MSL is approximately 871,000 cubic yards. This capacity includes about 45,000 cubic yards of soft material that will be required for the five foot soft layer above the leachate collection sand in Cell 7.



NOTES:

1. BASE MAP PREPARED BY AERIAL SURVEY & PHOTO, NORRIDGEWOCK, MAINE. PHOTO DATE 11/12/10.
2. JUNIPER RIDGE LANDFILL IS AN ACTIVE LANDFILL FACILITY AND TOPOGRAPHY WITHIN ACTIVE LIMITS OF CELL ARE SUBJECT TO CHANGE.

LEGEND

- AREA WITH GEOMEMBRANE INTERMEDIATE COVER
- EXISTING LEACHATE COLLECTION PIPING
- CELL ACCESS ROAD OPTIONS
- CLEAN STORMWATER DITCH AND DIRECTION OF FLOW
- PERIMETER BERM DOWNSPOUT
- CHIMNEY DRAIN

50 0 100 FEET

FIGURE 1
CELL 7 DEVELOPMENT
INITIAL CONDITIONS
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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DWG: C7-CELL-DEV LMN: INITIAL CTB: SME-STD REV: 1/19/2011

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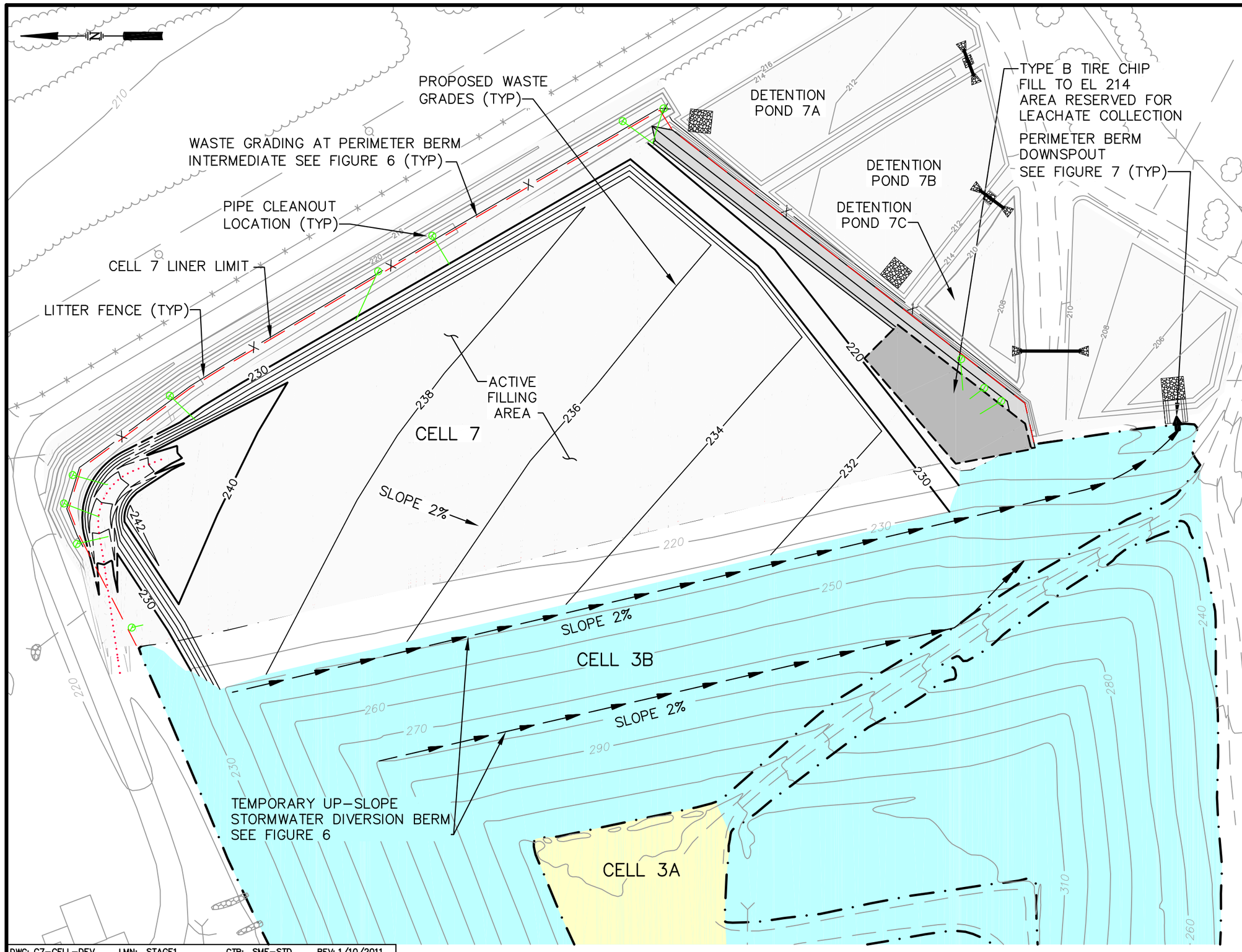

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LEGEND

- AREA WITH GEOMEMBRANE INTERMEDIATE COVER
- AREA WITH SOIL INTERMEDIATE COVER
- EXISTING LEACHATE COLLECTION PIPING
- CELL ACCESS ROAD OPTIONS
- CLEAN STORMWATER DITCH AND DIRECTION OF FLOW
- PERIMETER BERM DOWNSPOUT

50 0 100 FEET

FIGURE 2
CELL 7 DEVELOPMENT
STAGE 1
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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DWG: C7-CELL-DEV LMN: STAGE1 CTB: SME-STD REV: 1/10/2011

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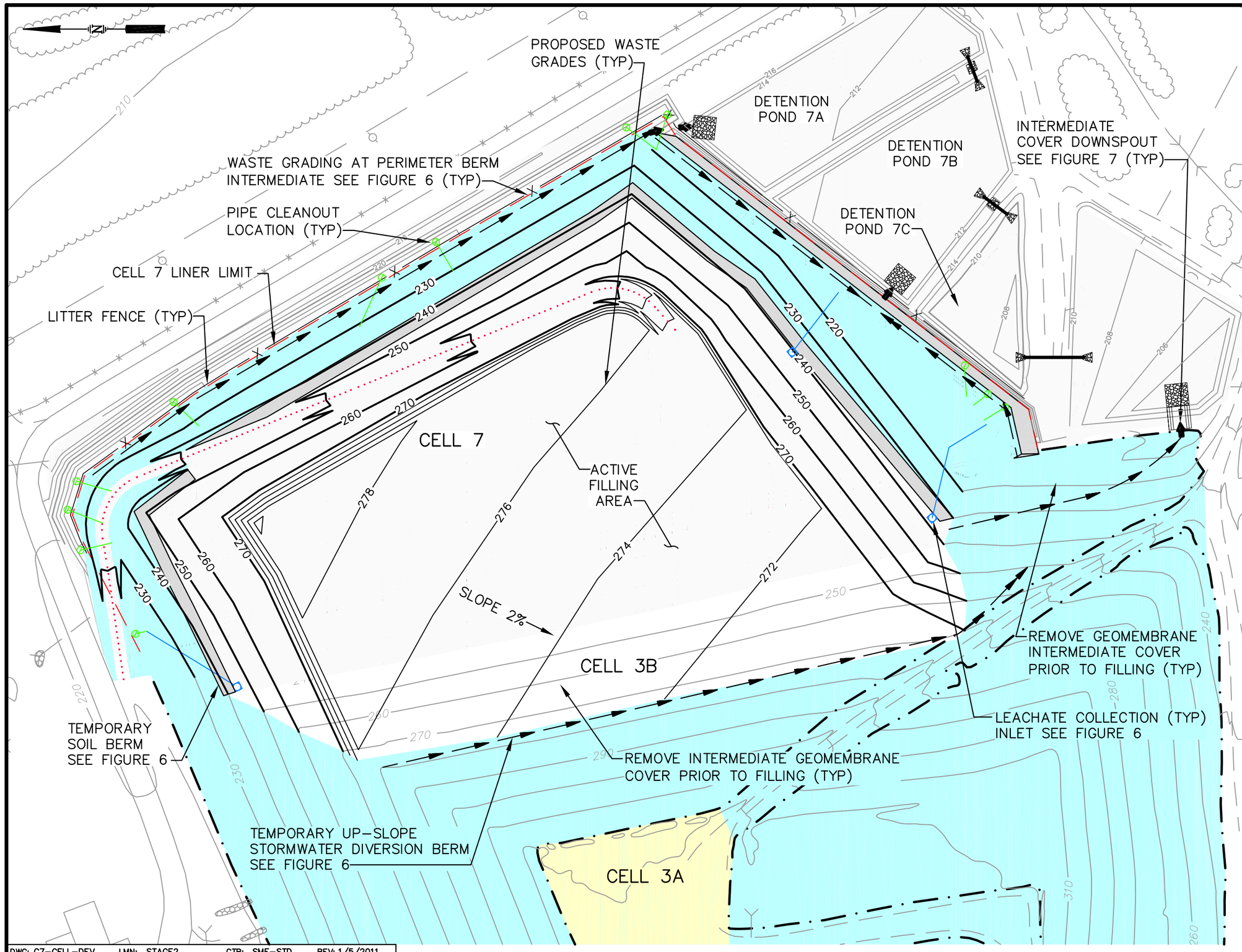

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2. JUNIPER RIDGE LANDFILL IS AN ACTIVE LANDFILL FACILITY AND TOPOGRAPHY WITHIN ACTIVE LIMITS OF CELL ARE SUBJECT TO CHANGE.

LEGEND

- AREA WITH GEOMEMBRANE INTERMEDIATE COVER
- AREA WITH SOIL INTERMEDIATE COVER
- EXISTING LEACHATE COLLECTION PIPING
- SIDESLOPE LEACHATE COLLECTION PIPING AND INLET LOCATION
- CELL ACCESS ROAD OPTIONS
- CLEAN STORMWATER DITCH AND DIRECTION OF FLOW
- INTERMEDIATE COVER DOWNSPOUT

50 0 100 FEET

FIGURE 3
CELL 7 DEVELOPMENT
STAGE 2
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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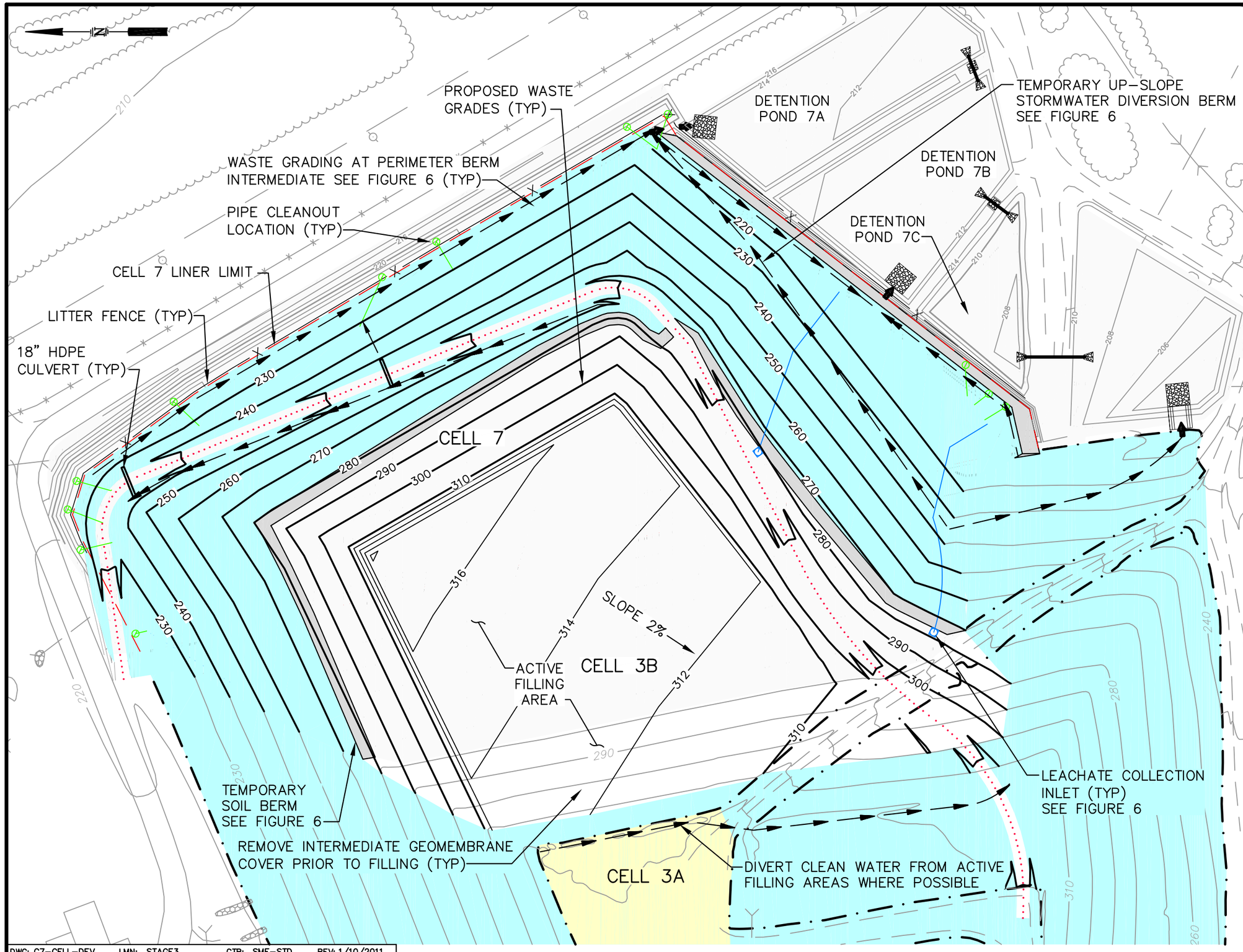

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LEGEND

- AREA WITH GEOMEMBRANE INTERMEDIATE COVER
- AREA WITH SOIL INTERMEDIATE COVER
- EXISTING LEACHATE COLLECTION PIPING
- SIDESLOPE LEACHATE COLLECTION PIPING AND INLET LOCATION
- CELL ACCESS ROAD OPTIONS
- CLEAN STORMWATER DITCH AND DIRECTION OF FLOW
- INTERMEDIATE COVER DOWNSPOUT

50 0 100 FEET

FIGURE 4
CELL 7 DEVELOPMENT
STAGE 3
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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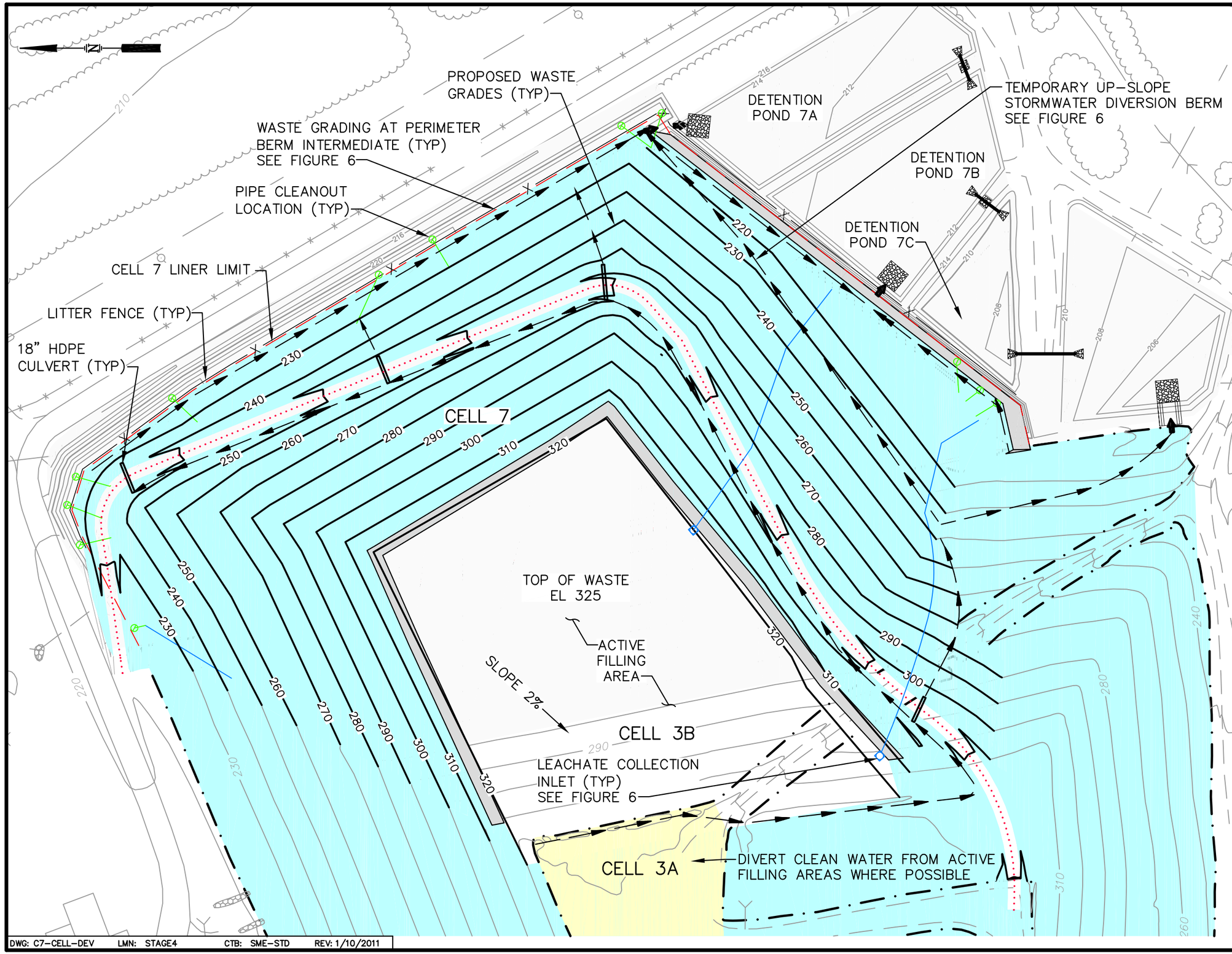

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LEGEND

- AREA WITH GEOMEMBRANE INTERMEDIATE COVER
- AREA WITH SOIL INTERMEDIATE COVER
- EXISTING LEACHATE COLLECTION PIPING
- SIDESLOPE LEACHATE COLLECTION PIPING AND INLET LOCATION
- CELL ACCESS ROAD OPTIONS
- CLEAN STORMWATER DITCH AND DIRECTION OF FLOW
- INTERMEDIATE COVER DOWNSPOUT

50 0 100 FEET

FIGURE 5
CELL 7 DEVELOPMENT
STAGE 4
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

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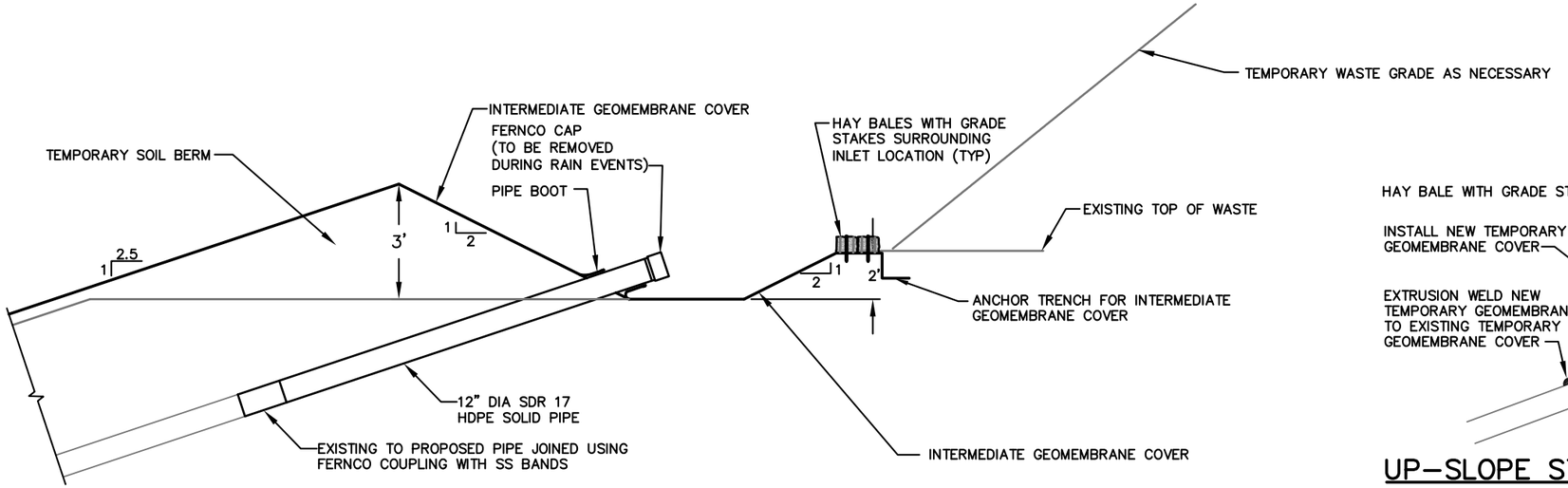

COLLECTION INLET

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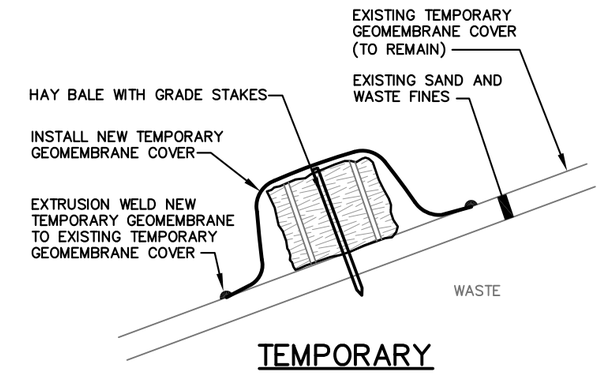

TEMPORARY UP-SLOPE STORMWATER DIVERSION BERM

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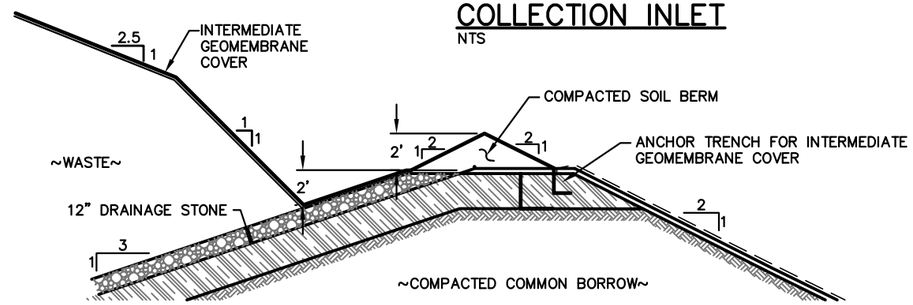

PERIMETER BERM INTERMEDIATE GEOMEMBRANE COVER DETAIL

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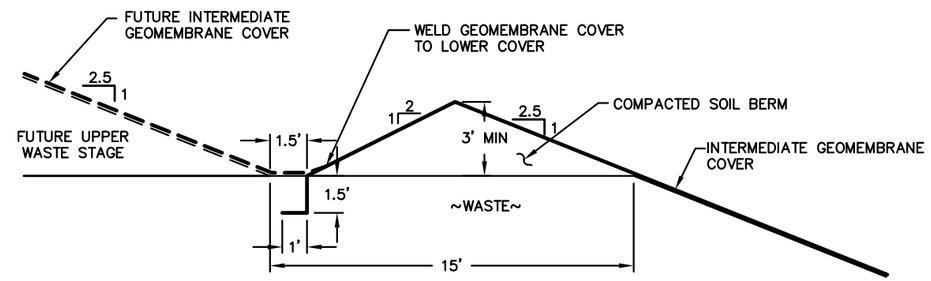

MIDSLOPE GEOMEMBRANE INTERMEDIATE COVER BERM

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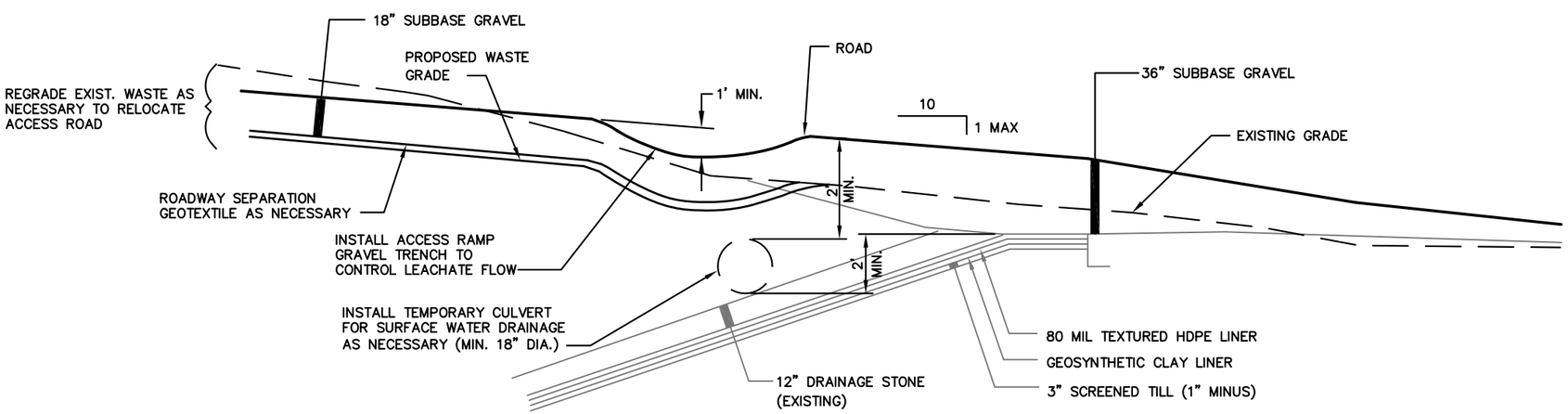

CELL ACCESS ROAD ENTRANCE RAMP (TYP)

NTS

FIGURE 6
CELL 7 DEVELOPMENT
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

CELL DEVELOPMENT DETAILS

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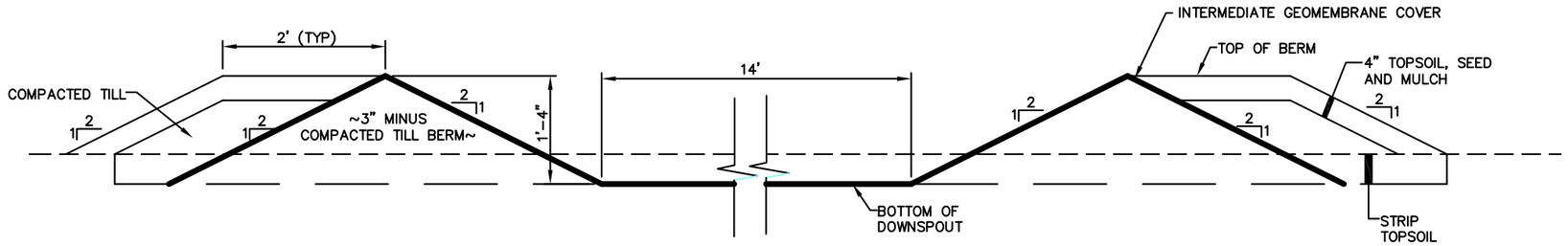

DOWNSPOUT SECTION

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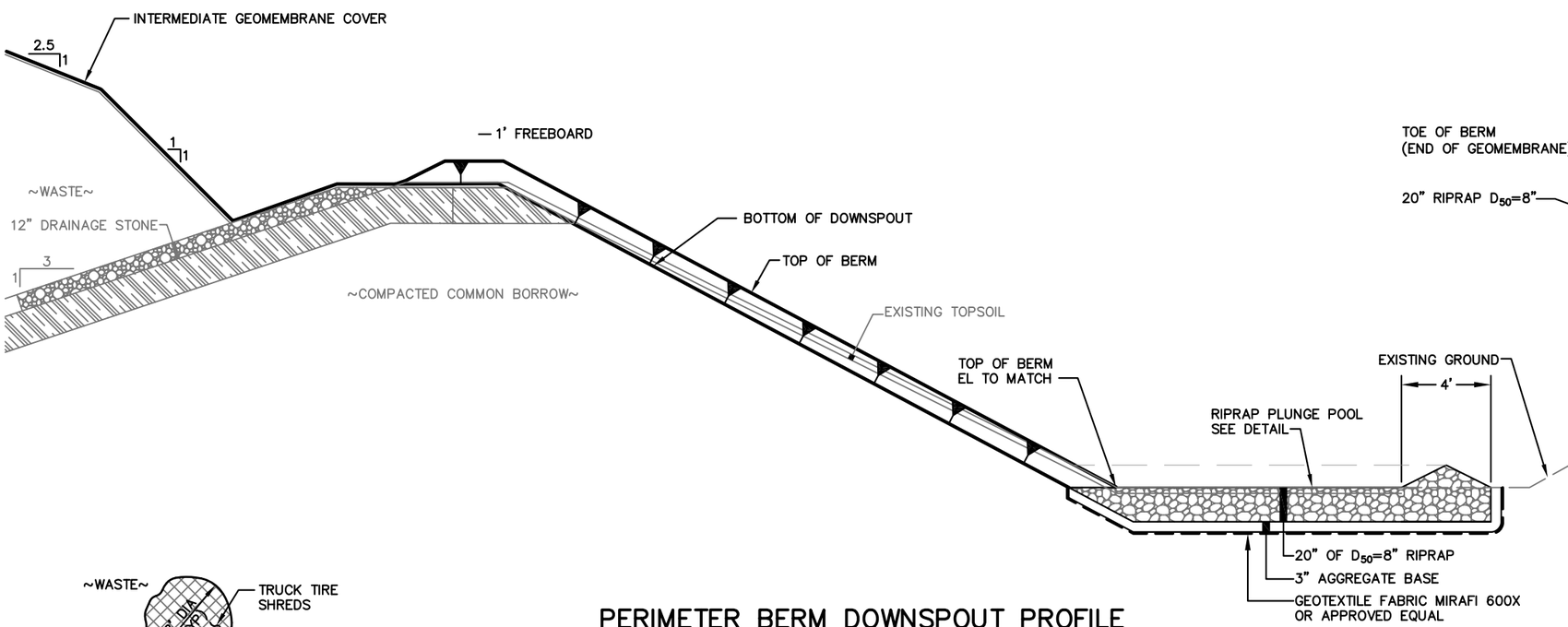

PERIMETER BERM DOWNSPOUT PROFILE

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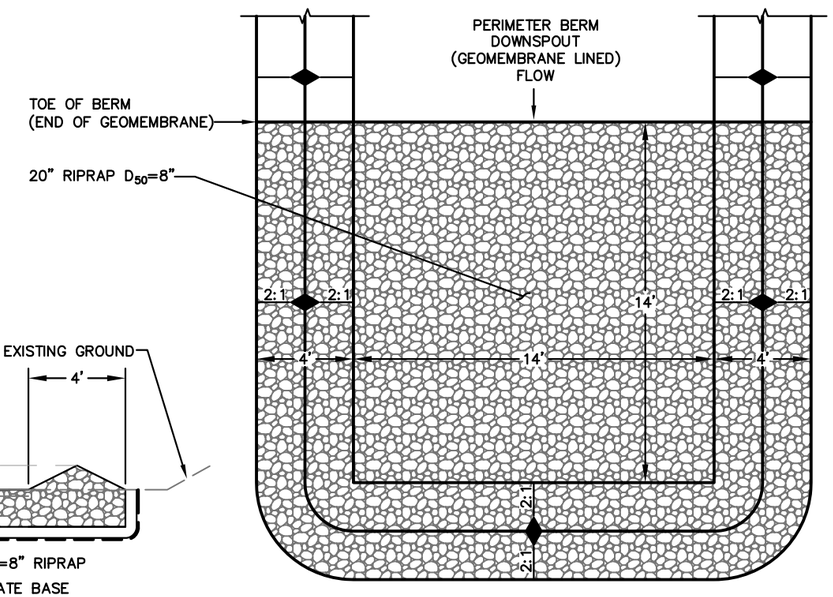

PLUNGE POOL

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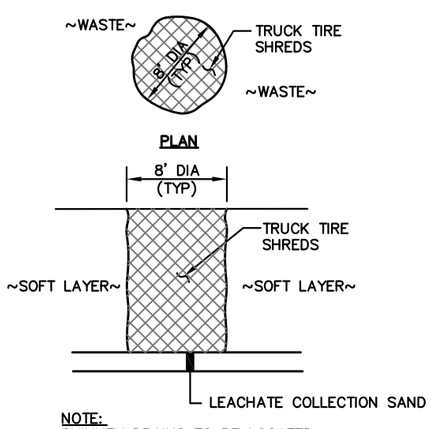

NOTE:
CHIMNEY DRAINS TO BE LOCATED
AS SHOWN ON FIGURE 1

CHIMNEY DRAIN

NTS

FIGURE 7
CELL 7 DEVELOPMENT
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE

CELL DEVELOPMENT DETAILS

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