



Operated By
NEWSME Landfill Operations, LLC

April 28, 2023

Karen Knuuti
Department of Environmental Protection
Bureau of Remediation and Waste Management
106 Hogan Road
Bangor, ME 04401

Re: Juniper Ridge Landfill 2022 Annual Report

Dear Ms. Knuuti:

Enclosed for your review is the Juniper Ridge Landfill 2022 Annual Report and supporting documentation as required.

Should you require additional information or clarification, please do not hesitate to contact me at 207-249-8025 or Wayne Boyd at 207-862-4200 ext. 224.

Respectfully submitted,

NEWSME Landfill Operations, LLC.

Jeffrey Pelletier
Environmental Manager

Enclosure

Cc: Wayne Boyd, Casella
Kathy Tarbuck, MEDEP
Wallace Giakas, BGS
William Mayo, City of Old Town

2022 ANNUAL REPORT

**JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE**

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

April 2023



Operated by NEWSME Landfill Operations, LLC
2828 Bennoch Road, Old Town, Maine 04468 • (207) 394-4372

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1.0 INTRODUCTION

Pursuant to the requirements of 38 MRS §1310-N(6-D), this document, and associated attachments, serve as the 2022 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;
- Condition 19 of Solid Waste Order #S-020700-WD-N-A;
- Condition 4 of Solid Waste Order #S-020700-WD-W-M;
- Conditions 12, 14, 15, and 20 of Solid Waste Order #S-020700-WD-BI-N; and
- Condition 2 of Solid Waste Orders #S-20700-WD-CM-M.

As the contracted operator of the Juniper Ridge Landfill, NEWSME Landfill Operations, LLC (NEWSME), an indirect subsidiary of Casella Waste Systems, Inc. (CWS) is submitting this annual report to the Maine Department of Environmental Protection (MEDEP) on behalf of the Maine Bureau of General Services (BGS). Pursuant to P.L. 2011, Chapter 655, Sec. GG-69, on July 1, 2012 the Bureau of General Services in the Department of Administrative and Financial Services became the owner and licensee of JRL. Prior to July 1, the State Planning Office (SPO) owned JRL and held its licenses. The SPO was abolished on July 1, 2012.

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 licensed solid waste footprint of the JRL is approximately 122 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 the Fort James Paper Mill 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 State of Maine 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.

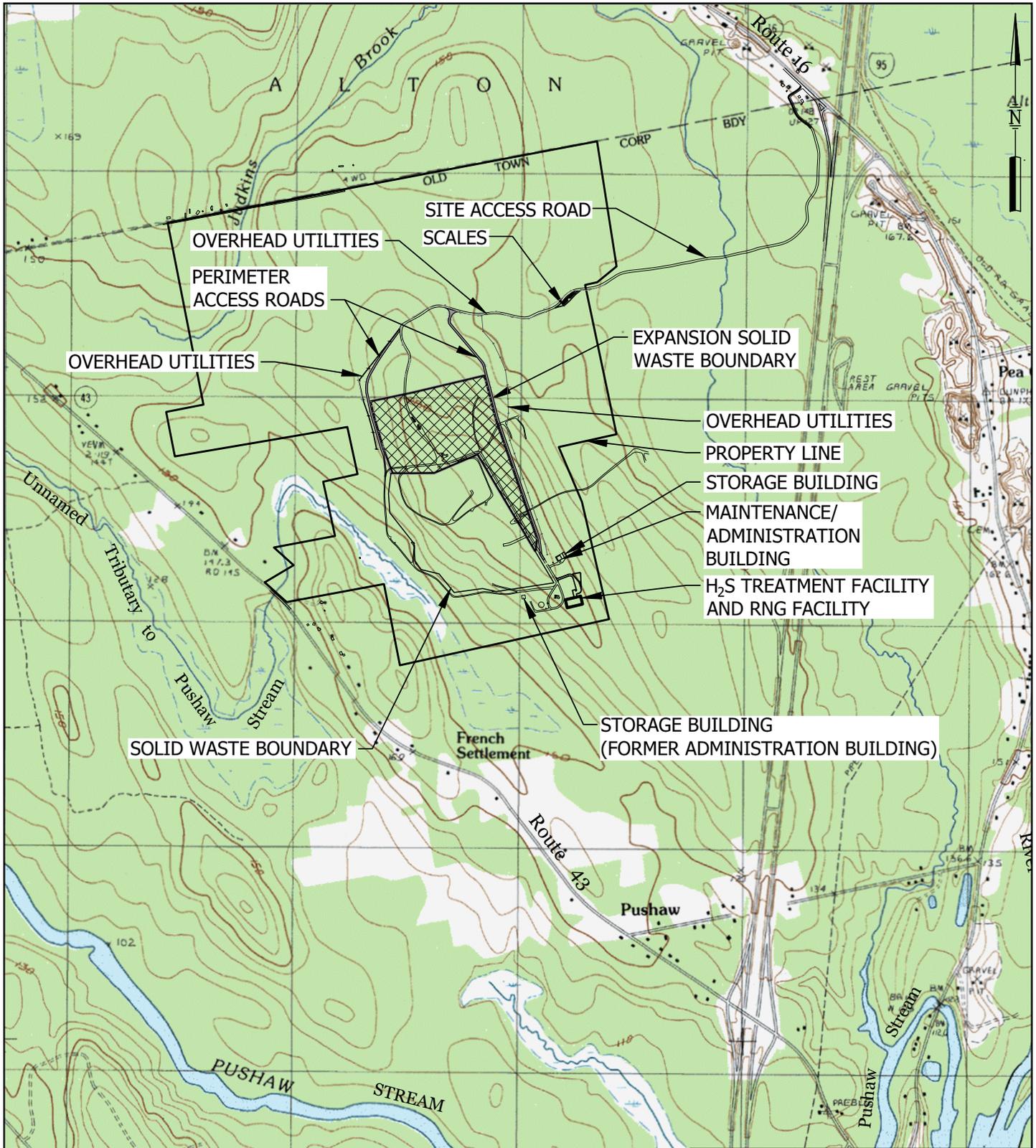
On February 5, 2004, SPO formally purchased the JRL property from Fort James and signed an Operating Services Agreement with NEWSME to operate the facility for a 30-year period. At the same time, previously approved MEDEP operating licenses for the JRL were transferred to the SPO. On April 9, 2004, the 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. An expansion of an additional 9.35 million cubic yards of capacity was approved for the site by the Maine Board of Environmental Protection (MEBEP) on June 1, 2017 with Board Order #S-020700-WD-BI-N and #L-19015-TG-D-N.

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

To date, Cells 1, 2, 3A, 3B, 4, 5, 6, 7, 8, 9, and 10 of the 2004 amendment license have been constructed; this accounts for the 68-acre landfill approved by the MEDEP Solid Waste Order #S-020700-WD-N-A. The last phase of filling the originally permitted landfill includes filling over the eastern and northern outer waste side slopes of the originally permitted landfill cells to achieve final waste grades of the 2004 permitted footprint. It is NEWSME's intent to fill this capacity in conjunction with the filling of expansion cells.

- To date, Cells 11, 12, 13, and 14 have been constructed as part of the 54-acre JRL expansion, approved by MEBEP Board Order #S-020700-WD-BI-N and #L-19015-TG-D-N. Cell 11 was constructed in 2018, followed by Cell 12 in 2020, Cell 13 in 2021, and Cell 14 in 2022. Approval to commence waste placement in Cell 14 was issued by the MEDEP on August 1, 2022. In 2022 waste placement occurred primarily in Cells 13 and 14. However smaller amounts of waste were also placed on the north slope of the 2004 permitted footprint (Cells 1, 2, 3A, and 3B) and Cell 12 of the expansion footprint. Intermediate cover was placed once final waste grades were reached.

As of December 31, 2022, 6,332,172 cubic yards of total permitted capacity remained at the JRL. Of that total permitted capacity, 720,538 cubic yards remained in the previously constructed Cells 1 – 10 of the 2004 permitted footprint (#S-020700-WD-N-A), 569,334 cubic yards remained in the previously constructed Cells 11 and 14 (the first four of seven landfill cells to be built as part of the JRL expansion footprint (#S-020700-WD-BI-N)), and 5,611,634 cubic yards remained in the entire JRL expansion footprint (#S-020700-WD-BI-N).



NOTE:

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



SITE LOCATION MAP
JUNIPER RIDGE LANDFILL EXPANSION
OLD TOWN, MAINE



1.2 Annual Report Format

This Annual Report contains the information required by Section 401.4.D of the Maine Solid Waste Management Rules (Rules), including a general summary of activities during 2022, a compliance evaluation performed by JRL's environmental manager, a summary of 2022 operations and operational information, a summary of facility site changes, a summary of the site monitoring performed at and around the site during 2022, an update of the costs and documentation of changes to the closure and post-closure funding of the facility, and a summary of best efforts by CWS to divert MSW from landfilling at the JRL to the greatest extent practicable.

2.0 SUMMARY OF SITE ACTIVITIES

2.1 Site Activities

The following landfill related site activities occurred at JRL during 2022:

- Modifications to stormwater management features to allow for additional waste placement on the north slope of the 2004 permitted footprint;
- Clearing/stumping/grubbing areas for Cell 15, a portion of Cell 16, Detention Pond 11 and construction access for Cell 14;
- Construction of Cell 14 and associated infrastructure;
- Placement of soft layer/frost layer material in Cell 14, along with routine waste placement primarily in Cells 13 and 14. Smaller amounts of waste were also placed on the north slope of the 2004 permitted footprint (Cells 1, 2, 3A, and 3B) and Cell 12 of the expansion footprint;
- Excavation and stockpiling of soils from the borrow area;
- Continued placement of intermediate cover on the 2004 permitted footprint and the side slopes of Cells 12 and 13 as waste grades were reached;
- Continued installation of new landfill gas collection components in the original 2004 permitted footprint and Cells 12, 13, and 14 of the expansion. Components installed included new vertical LFG extraction wells, gas collection trenches, 12" header piping, and lateral extraction piping; and
- Construction of the Cell 15 site preparation activities

2.2 Summary of Applications Submitted and/or Approved at JRL in 2022

Listed in Table 2-1 is a summary of MEDEP, Local, and Federal applications that were submitted and or approved at JRL during 2022.

Table 2-1 Summary of Applications Submit and/or Approved at JRL, 2022

Application Description	Agency	Permit/License Number
Maine Construction General Permit - to perform clearing/ grubbing/stumping work for Cell 15, a portion of Cell 16, Detention Pond 11, and the Cell 14 construction access area	MEDEP	Approved (after 14 day waiting period)
Approval to dispose a deer carcass for the Maine Game Warden Service	MEDEP	Approved (no permit issued)
Approval for Cell 14 Change Order 1 & 2, to change underdrain/leak detection sand gradations in the JRL Cell 14 technical specifications	MEDEP	Approved (no permit issued)
Approval of the Cell 14 Construction Design Report and received a condition compliance license	MEDEP	S-020700-WD-CP-C
Approval of the 2022 Annual Oversized Bulky Waste Limit Request	MEDEP	Approved (no permit issued)
Approval of the Cell 14 compacted clay placement test pad program	MEDEP	Approved (no permit issued)
Stage 1 Final Closure application submitted but delayed after discussions with the MEDEP	MEDEP	Schedule of Compliance Signed, Stage 1 to be completed in 2023
Approval for Cell 14 Change Order 3, regarding sand gradations of leak detection sand samples	MEDEP	Approved (no permit issued)
Approval for Cell 14 Change Order 4, regarding sand gradations of leachate collection samples	MEDEP	Approved (no permit issued)
Approval for Cell 14 Change Order 5, regarding a change in the leak detection pump	MEDEP	Approved (no permit issued)
Request for alternative daily cover materials; clarification/guidance on materials was provided by MEDEP	MEDEP	Guidance Provided (no permit issued)
Approval to start soft layer material placement in Cell 14	MEDEP	Approved (no permit issued)
Federal Fish & Wildlife Permit Renewal (Bird Depredation)	US Dept of Fish and Wildlife	MB670894-0
Approval to accept impacted beach sand with raw wastewater from the City of Wells under JRL License #S-020700-WU-CD-N.	MEDEP	Approved (no permit issued)

Table 2-1 Cont. Summary of Applications Submit and/or Approved at JRL, 2022

Application Description	Agency	Permit/License Number
Approval to begin Cell 15 pre-construction activities	MEDEP	Approved (no permit issued)
Approval to expand the JRL Borrow Pit	MEDEP	Approved (no permit issued)
Approval of the Renewable Natural Gas Facility (RNG) Air License (Archaea Energy)	MEDEP	A-1150-71-C-A
Approval of the RNG Facility at JRL Solid Waste License Minor Revision	MEDEP	S-020700-WD-CO-M
City of Old Town Site Plan Approval for the JRL RNG Facility	City of Old Town	Signature Block Received
Approval to begin a trial that uses ATMOS Technologies Soil Equivalent Foam as Alternative daily cover	MEDEP	Approved (no permit issued)

2.3 Compliance Self-Audit

As required by Section 401.4.D (1) (b) of the Rules, JRL performed an annual evaluation of landfill operations for calendar year 2022. A copy of the Audit is included as Attachment A of this report.

3.0 SUMMARY OF OPERATIONS

3.1 Types of Wastes Received at JRL during 2022

During calendar year (CY) 2022, JRL received and disposed a total of 933,649 tons of waste material. Table 3-1 summarizes the waste types received, along with their corresponding tonnages.

In compliance with JRL’s permit condition, wastes going to the landfill were screened in advance to prevent out-of-state wastes from being accepted at the facility.

3.2 Estimates of Capacity Utilized during 2022 and Remaining Capacity

Listed below are estimates of capacity utilized and remaining for JRL based on June 21, 2022 aerial survey results. Since survey data for the entire site is utilized, these values account for capacity gains due to settlement, compaction, and waste decomposition.

Estimates of remaining year-end capacity for years 2018 through 2021 are also included below. This data corrects previous estimates, due previous estimates neglecting to include developed capacity. Further details are provided in Attachment I (the 2022 JRL Geotechnical Monitoring Report). Please refer to Appendix B.

Disposal Capacity Utilized During 2022:

- 962,735 cubic yards (Cells 1-14)

Disposal Capacity Remaining as of December 31, 2022:

- 720,538 cubic yards in the constructed 2004 permitted footprint (Cells 1-10)
- 1,289,872 cubic yards in the constructed expansion footprint (Cells 11-14)
- 5,042,300 cubic yards of total permitted unconstructed capacity (Cells 15-17)
- 6,332,172 cubic yards of total permitted remaining capacity (Cells 1-17)

Juniper Ridge Landfill

**Estimate of Remaining Year-End Capacity for Years 2018 through 2022
Previously Reported Capacity Remaining vs Revised Capacity Remaining**

CELL LOCATION	YEAR	PREVIOUSLY REPORT YEAR-END VALUES	REVISED YEAR-END VALUES (FEBRUARY 2023)	COMMENTS
Cells 1-10	2018	928,491	928,491	REASON FOR DIFFERENCE: NEGLECTED TO INCLUDE DEVELOPED CAPACITY IN CELL 11 - 17 CAPACITY FOR PREVIOUSLY REPORTED YEARS 2019 THROUGH 2021
Cells 11-17	2018	9,252,175	9,252,175	
Total	2018	10,180,666	10,180,666	
Cells 1-10	2019	724,268	724,268	
Cells 11-17	2019	7,849,531	8,619,531	
Total	2019	8,573,799	9,343,799	
Cells 1-10	2020	895,289	895,289	
Cells 11-17	2020	6,563,510	7,689,110	
Total	2020	7,458,799	8,584,399	
Cells 1-10	2021	751,191	751,191	
Cells 11-17	2021	5,433,016	6,543,716	
Total	2021	6,184,207	7,294,907	
Cells 1-10	2022	NA	720,538	
Cells 11-17	2022	NA	5,611,634	
Total	2022	NA	6,332,172	

Table 3-1 Summary of Wastes Accepted at JRL, 2022

Summary of Wastes Accepted at Juniper Ridge Landfill Report Year 2022				
Waste Type #	Waste Types	Total (tons)	Origin	% Total Waste
1	Bypass MSW	276,619	Maine	29.6
2	CDD/MSW Processing Residue - OBW (Disposed of in the Original 2004 Permitted Footprint)	4,222	Maine	0.5
3	CDD/MSW Processing Residue - OBW (Disposed of in the Expansion Permitted Footprint) ⁴	74,950	Maine	8.0
4	CDD Processing Residue - Fines ¹	73,689	Maine	7.9
5	Mixed CDD	332,290	Maine	35.6
6	Wood from CDD ²	147	Maine	0.0
7	Residue/Trash from Single Stream	7,064	Maine	0.8
Special Wastes Types				
8	Burn Pile Ash and/or Hot Loads Area Ash	239	Maine	0.0
9	Burnt Structure Debris/Ash	1,828		0.2
10	Catch Basin Grit & Street Sweeping	680	Maine	0.1
11	Coal, Oil & Multi-fuel Boiler Ash	4,259	Maine	0.5
12	Contaminated Soil & Debris	20,977	Maine	2.2
13	Industrial (Miscellaneous)	525	Maine	0.1
14	Industrial WWTP Sludge	15,888	Maine	1.7
15	Leather Scraps	70	Maine	0.0
16	Lime Mud/Grit	4,784	Maine	0.5
17	MSW Incinerator Ash	29,502	Maine	3.2
18	Municipal WWTP/POTW Sludge	78,383	Maine	8.4
19	Non-Friable Asbestos	561	Maine	0.1
20	Non-Hazardous Chemical Related	1,033	Maine	0.1
21	Oil Spill Debris	1,037	Maine	0.1
22	Polyethylene & Cellulose Trimmings	1,917	Maine	0.2
23	Pulp Mill Waste	751	Maine	0.1
24	Sandblast Grit	533	Maine	0.1
25	Spoiled Foods	458	Maine	0.0
26	Sulfur Scrubbing Residues	545	Maine	0.1
27	Water/Air Filtration Media	10	Maine	0.0
28	WWTP Grit Screenings	692	Maine	0.1
SUBTOTAL WASTE TYPES 1-7		768,979	Maine	82.4
SUBTOTAL WASTE TYPES 8-28		164,670	Maine	17.6
GRAND TOTAL WASTE RECEIVED³		933,649	Maine	

1. Used as alternative daily cover (ADC).

2. Wood from CDD was received at the Juniper Ridge Landfill wood storage facility (ADC).

3. Total does not include purchased materials. Total derived from sum of higher significant digit numbers, not rounded whole numbers as provided in the above table.

4. On 11/29/21, MEDEP approved an increase of OBW in the Expansion area. The previous limit of 65,000 tons per year, set by expansion license #S-020700-WD-BI-N, was modified through solid waste minor revision #S-020700-WD-CM-M. The minor revision approved additional disposal of OBW to 82,203 tons for calendar year 2022.

5. CRMMRC 20,384.99 tons, ecomaine 71,995.55 tons, PERC 171,657.61, MMWAC 12,580.61 tons.

3.3 Estimates of the Amount of Cover Material Placed

During 2022, a mixture of synthetic and soil cover was utilized as final waste grades were reached. Approximately 5 acres of additional synthetic cover (30 and 40-mil) was added to the side slopes of Cells 12 and 13. Approximately 15 acres of soil cover was utilized on top of the expansion area and on the north side slope of the 2004 permitted footprint.

Throughout 2022 operational areas received alternate daily cover (ADC). ADC is also used as a bedding layer on the waste side slopes prior to placement of the intermediate cover. Approved ADC waste materials utilized throughout the year included: CDD processing residue wood fines and clean wood from CDD after being chipped. Total ADC usage of waste materials utilized in 2022 amounted to 73,836 tons. Throughout 2022, virgin soil was utilized as ADC when approved ADC waste materials were lacking or unavailable.

3.4 Summary of Changes to the Facility's Operations Manual

Included as Attachment C are updated sections to include to the JRL Expansion Operations Manual (April 2022). Once included the Operations Manual will be complete and will be considered the April 2023 revision. The updated sections for the 2023 revision are listed below:

- Binder Cover/Spline Labels
- JRL Expansion Operations Manual Narrative Section
- Appendix A - MEDEP Operating Permits
- Appendix C - Operator Training Program Outline
- Appendix D - Cell Development Plans for Cell 15 (to add to previous cell plans)
- Appendix F – Stormwater Management & Erosion Control Plan

3.5 Proposed Changes to the Operations Manual or Other Landfill Operations

During 2023, JRL staff plan to continue updating the revised April 2023 JRL Expansion Operations Manual as changes arise. Changes will likely occur with the addition of Cell 15 and the RNG Facility, set to be constructed during the 2023 construction season.

In 2023, JRL will continue filling/shaping Cells 13, 14, and the north slope of the 2004 permitted footprint, until Cell 15 is constructed. Once constructed, the Cell 1 Area will be once again mined for soft layer material, if bypass MSW is not available or insufficient to the site's needs.

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

During 2022, the JRL facility experienced one leachate related spill and two small fires. The spill was properly cleaned up by JRL Staff and a 3rd party environmental services company. Further details of the events are listed below.

Leachate Related Spills

On 10/14/22 and 10/15/22 Juniper Ridge Landfill (JRL) experienced heavy precipitation which accumulated to 3.8 inches. The storm destabilized soil cover material on Cell 1 (Cell), causing a 24-inch stormwater culvert to plug below. Once plugged, clean stormwater was no longer able to leave the area and accumulated quickly around the Cell. On 10/15/22 at roughly 6:30 AM, the General Manager (GM) discovered leachate trickling across the West Road (which goes to the top of the landfill), prior to entering a nearby stormwater ditch. The ditch, which runs around the landfill perimeter, eventually flows into Detention Pond #1 (Pond). The spill was estimated to be less than 500 gallons with flows remaining within the ditch. Immediate action was taken once discovered. Remediation efforts began on the morning of 10/15/22. Ditches materials contaminated with leachate were cleaned out using heavy equipment from both JRL and third-party contractors. Soils from the inlet of the Pond were also removed. The MEDEP was notified.

Waste Related Fires

During 2022, on-site waste-related fires occurred at JRL. All fires were resolved by JRL site personnel. Fire events occurred in both active waste placement areas and/or areas where synthetic intermediate cover was installed. The MEDEP Project Manager was notified when the fires occurred and was made aware of how they started and were resolved.

Active waste placement fires were typically extinguished with the use of both water and/or soil to cool and eliminate air. Fires where Intermediate cover was placed were typically resolved using a combination of fire extinguishers, a bentonite slurry, water and soil cover, and then making the necessary synthetic cover repairs.

Damaged Intermediate Cover

During 2022, several small areas of synthetic immediate cover were damaged around landfill gas (LFG) infrastructure due to heavy rain/wind events. 3rd party crews were called in to make necessary repairs. JRL site personnel continuously try new things to better secure the cover material to prevent reoccurrences.

Waste Related Events

During 2022, no waste related events occurred at JRL.

3.7 Updated Cell Development Plans

Cell 11, 12, 13, and 14 plans will remain in the JRL Expansion Operations Manual, along with the future plans for Cell 15. Cell 15 is set to be constructed during the 2023 construction season and will represent the fifth cell of the 9.35 million cubic yard permitted expansion.

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

During 2022, JRL submitted monthly special waste activity reports to the BGS, the City of Old Town, and the MEDEP. Reports were also and placed on the BGS's JRL website for the public and the Landfill Advisory Committee to access.

3.9 Inspections and Testing

During 2022, JRL personnel performed routine inspections of the landfill and infrastructure as outlined in the JRL Operations Manual. Copies of quarterly (routine) and weekly inspection reports may be found on file in the Environmental Manager's Office. Completed sample inspection sheets are included in Attachment D of this Annual Report.

3.10 Description of System Failures and/or Repairs

Routine and non-routine maintenance activities were performed on the leachate and landfill gas collection infrastructure, access roads, stormwater structures, and cover systems during 2022. Leachate maintenance activities are listed chronologically in Attachment E. A summary of other identified landfill maintenance activities are listed in Attachment D.

During report year 2022, the following routine maintenance and/or repair functions were performed at the facility:

- Leachate maintenance and cleaning activities occurred as needed and in accordance with the Facility's Operations Manual;
- On-site stormwater structures were cleaned and/or repaired in accordance with standard BMP's to maintain erosion & sedimentation control during rain events;

- Various repairs were made to the existing 30/40-mil intermediate cover systems due to tears, rips, and/or holes from movement, settlement, or wind;
- Gas collection piping was repaired in multiple locations to accommodate for normal settlement and operations;
- Landfill gas (LFG) wellheads were repaired throughout the year due to normal wear and tear; and
- Access roads were graded and maintained as necessary to allow access to the facility.

4.0 FACILITY SITE CHANGES

During 2022, the following minor facility site changes not requiring Department approval occurred and are once again planned for 2023:

- Mowing, brush cutting, and other site maintenance upkeep;
- Continued safety and visual upgrades of the landfill paved access road;
- Continued improvements to stormwater control systems; and
- Continued efforts to mitigate wind-damage of landfill synthetic intermediate cover materials.

5.0 MONITORING

Water Quality

The 2022 Annual Water Quality Report for JRL is included as Attachment F of this report and includes an evaluation of the environmental monitoring data for the JRL site. During 2022, water quality samples were collected at JRL in accordance with the Environmental Monitoring Program (EMP), during April, July, and October.

Leachate Quality

Leachate quality was also evaluated and included as part of the 2022 Water Quality Report, Attachment F of this report.

Below in Table 5-1, are leachate volumes of each pump station, along with total leachate hauled for 2021 and 2022. As seen, leachate flows increased overall for 2022. This increase was likely attributed having a larger active working area and less synthetic intermediate cover installed on the north end of the 2004 permitted footprint.

Table 5-1 Leachate Total Comparison, 2021 & 2022

Total Leachate Pumped By Cell Pump Stations				
	Cell 4	Cell 5	Cell 8	East Side Cells 11-14
2021	6,547,858	3,324,483	3,262,395	1,572,510
2022	8,710,640	2,572,740	3,735,325	2,781,720
Difference	25%	-29%	13%	43%
Total Leachate Produced (Hauled) By Month				
	2021	2022	Difference	
January	1,433,245	893,430	-60%	
February	886,215	2,342,600	62%	
March	1,412,180	1,911,800	26%	
April	1,235,535	1,677,040	26%	
May	1,062,860	1,472,740	28%	
June	925,987	1,047,440	12%	
July	1,318,515	715,570	-84%	
August	1,001,495	1,395,545	28%	
September	1,579,020	1,317,905	-20%	
October	1,458,840	1,798,575	19%	
November	1,368,955	2,161,570	37%	
December	1,556,495	2,183,275	29%	
TOTAL	15,239,342	18,917,490	19%	

Landfill Gas Monitoring

The 2022 Landfill Gas Monitoring Evaluation for JRL is included as Attachment G of this report. This routine landfill gas monitoring took place at various on-site gas management locations with results being submitted via electronic deliverable documents to the MEDEP as required.

The 2022 monitoring data associated with the landfill gas collection and treatment system indicates that the system is operating in accordance with the facility’s air license.

Air Monitoring

The 2022 Air Monitoring Evaluation for JRL is included as Attachment H of this report. Two types of air monitoring activities occurred on-site during 2022; (1) hydrogen sulfide (H₂S) monitoring with stationary continuous monitors, and (2) quarterly methane (CH₄) emission surface scans on the landfill intermediate cover. Additionally, odor complaints

from the 24-hour JRL odor complaint hotline provided an opportunity to evaluate the effectiveness of odor control measures at the JRL.

Geotechnical Monitoring

The 2022 Annual Geotechnical Monitoring Report for JRL is included as Attachment I of this report. During 2022, JRL continued to monitor site settlement and stability as in the past with the assistance of Dr. Richard Wardwell.

The report describes the geotechnical activities performed in accordance with the current Geotechnical Monitoring Plan (Appendix N of the Operations Manual) and the Stability and Settlement Monitoring Plan (Section 3.1.5 of the Design Report), prepared and included as part of the JRL Expansion Application for a new solid waste license, as approved by the MEBEP under Solid Waste License #S-020700-WD-BI-N and Natural Resources Protection Act #L-19015-TG-D-N dated 06/01/2017.

Results of this monitoring verifies the consistency of the landfill's geotechnical performance with design parameters and assumptions, and with the goals of the JRL Expansion Operations Manual (NEWSME 2022). Specifically, geotechnical monitoring during 2022 included: (1) visual observation of landfill slope stability, settlement, and general landfill conditions, (2) assessment of site aerial topographic surveys; (3) a review of waste types, quantities, location of waste placement, and filling sequences, and (4) evaluation of fluid levels in the leachate collection layer of Cells 11, 12, 13, and 14.

6.0 FINANCIAL ASSURANCE

The closure and post-closure costs have been recalculated to reflect those Cells that, as of the end of calendar year 2022, have been 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 J of this report. Following approval of the estimates, a revised financial assurance package will be submitted to the MEDEP under a separate cover.

7.0 MSW DIVERSION

In accordance with Condition #5 of Solid Waste Order #S-020700-WD-BC-A, a summary of best efforts by CWS to divert MSW from landfilling at JRL to the greatest extent practicable has been completed and may be found in Attachment K of this report.

ATTACHMENT A
Compliance Self Audit

**JUNIPER RIDGE LANDFILL
COMPLIANCE SELF-AUDIT EVALUATION
REPORT YEAR 2022**

This Compliance Self-Audit Evaluation is to be used to perform an annual audit of landfill operations as required by 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 general compliance with the site operations manual, licenses and regulatory requirements. Qualified facility personnel performed the audit.

Facility Name..... Juniper Ridge Landfill (JRL)
Location..... Old Town, Maine
Audit for Calendar Year..... 2022
Compliance Auditor..... Jeffrey M Pelletier
Title..... Environmental Manager
Signature of Auditor.....



GENERAL EVALUATION:

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

Copies of active MEDEP licenses may be found in the Environmental Manager's office located at Pine Tree Landfill. Licenses are also available electronically to the landfill supervisor and staff at the JRL site.

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

Yes, a number of conditions are laid out in various licenses held by the facility. MEDEP licensed conditions are entered into 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 were sought from the MEDEP at the time of this audit.

- Stage 1 Final Cover Design (submitted 12/30/22)
- Cell 15 Design Report Review (submitted on 01-24-23).
- 2023 Annual Oversized Bulky Waste Limit Request Form submittal (pursuant to Condition 2 (D) of Solid Waste Minor Revision License #S-020700-WD-CM-M) (submitted 01-26-23).

4. Date of payment of MEDEP Annual Report/License Fees.

- MEDEP 2022 annual report fee invoice will be paid once received.
- MEDEP 2022 annual license fee of \$15,991.00 was paid on July 19, 2022.

5. Date of submittal of previous MEDEP Annual Report & Report/License Fees.

- MEDEP 2021 annual report was submitted on April 29, 2022.
- MEDEP 2021 annual report fee of \$4,139.00 was paid on April 14, 2022.
- MEDEP 2021 annual license fee of \$15,380.00 was paid on August 17, 2021.

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

A Host Community Compensation and Facility Oversight Agreement was signed with the City of Old Town on December 8, 2005. Although not a host community, a Community Benefits Agreement also 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 Division 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 MEDEP?

Yes, performance bonds were initially provided to the MEDEP on February 19, 2004. An updated financial assurance package for the closure/post-closure care is provided to the MEDEP within the annual report.

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

An update to the JRL Expansion Operations manual was distributed in April 2022 alongside the 2021 Annual Report.

10. MEDEP approval date of last updated Operations Manual.

The facility Operations Manual was formally approved on June 01, 2017 as part of Solid Waste Order #S-020700-WD-BI-N.

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 Augusta Office of the MEDEP
- The Municipal Office of the City of Old Town
- JRL's Environmental Compliance Manager's Office
- JRL's Operations Supervisor's Office
- Manager of State Landfills at the Maine Bureau of General Services

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

During 2022, operations personnel received monthly training sessions on a variety of topics relating to safety, environmental compliance, and landfill operations. Records relating to the ongoing training of landfill personnel are kept on file in the Landfill Supervisor's office.

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 and solid 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. Records associated with waste acceptance are kept on file electronically.

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. During non-operational hours the facility is manned by security personnel that perform regular site inspections. For public safety reasons, non-employee visitors entering the site during operational hours must first stop at the scalehouse and check in prior to further entry. The site is secured with fencing. Doors and gates around the site are secured unless in use.

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, roads from the entrance to the active landfill are maintained year-round to accommodate passage 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 to prevent leachate from migrating outside of the cell.

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, paved roads are mechanically swept, scraped, and/or plowed as needed to prevent accumulation of undesirable material on the roads. Roads are additionally watered seasonally as necessary as a further dust control measure.

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, drivers are directed by the scale house attendant and/or landfill operators to the proper staging/unloading area where they are then given further instructions via radio communications with the operators. 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, 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, cell development plans are included as part of the updated operations manual section. Cell 15 plans will be added since construction will begin throughout the 2023 construction season.

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 operated in a manner to achieve favorable compaction rates.

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

Yes, suitable waste materials, (i.e., alternate daily cover) 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, storm water management & erosion control measures are being utilized as outlined in JRL's Storm Water Pollution Prevention Plan, located in the Operations Manual.

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

Yes, 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.

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, landfill surfaces, 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. Elevated levels of H₂S (a separate component of LFG) were detected in 2022 and reported as required.

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, routine inspections are performed at pre-determined frequencies in compliance with the site Operations Manual, with records of inspections kept on file in the Environmental 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 located in the JRL Operations Manual, and 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, requirements as laid out in the environmental monitoring plan are being adhered to and are located in the Operations Manual.

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

A record of 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. Site water quality monitoring was completed on a tri annual basis in April, July, and October, with monitoring reports from those events submitted to the MEDEP. Required landfill leachate PFAS testing was completed in the spring and fall of 2022 and reported to the MEDEP on 06-29-22 and 11-14-22 respectfully.

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

Yes, 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, a pest control service 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 exposure during offloading.

ATTACHMENT B

Annual Solid Waste Management Report



ANNUAL SOLID WASTE MANAGEMENT REPORT FOR LICENSED LANDFILLS

FACILITY NAME: Juniper Ridge Landfill Report For Year: 2022

DEP LICENSE NUMBER #S-020700-WD-N-A & #S-020700-WD-BI-N

This report includes information on solid waste handling and disposal per 06-096 C.M.R. ch. 401, § 4(D) and § 7(21), as applicable, for the following facility and/or municipalities, as applicable (please list all users):

CONTACT PERSON: Jeffrey Pelletier Title: Environmental Manager
Mailing Address: 358 Emerson Mill Rd.
City/Town: Hampden Zip Code: 04444
Phone: 207-249-8025 E-mail: jeffrey.pelletier@casella.com

LANDFILL MANAGER: Wayne Boyd
Mailing Address: 358 Emerson Mill Rd.
City/Town: Hampden Zip Code: 04444
Phone: 207-862-4200 x224 E-mail: wayne.boyd@casella.com

Please check here if a stand-alone annual report is being submitted. If so, submit this cover sheet only along with your report.

I have examined this report to the best of my knowledge and believe this report is true, accurate and complete.

Signature of person completing this form:  Date Signed 04/28/23

Printed name of person completing this form: Jeffrey Pelletier

Please return one (1) paper copy and an electronic copy of your completed form with the required annual report fee by April 30th of each year to:

Geraldine Travers
Maine Department of Environmental Protection
17 State House Station
Augusta, Maine 04333-0017
Geraldine.Travers@maine.gov

ATTACHMENT C

Updated Operations Manual Sections

Appendices included within Attachment C:

- C-1 Cover Page / Operations Manual Narrative
- C-2 MEDEP Operating Permits (Ops. Manual - APPENDIX A)
- C-3 Operator Training Program Outline (Ops. Manual - APPENDIX C)
- C-4 Cell Development Plans (Ops. Manual - APPENDIX D)
- C-5 Stormwater Management & Erosion Control Plan (Ops. Manual - APPENDIX F)

Please see the digital file that includes the updated 2023 JRL Operations Manual.

ATTACHMENT D

**Facility Inspection Reports/
Other Maintenance Activities**

Appendices included within Attachment D:

- D-1 Weekly/Monthly/Quarterly Site Inspection Reports
- D-2 JRL Other Maintenance Activities

Weekly/Monthly Site Inspection Reports

WEEKLY/MONTHLY INSPECTION FORM

Site Name/Company	Juniper Ridge Landfill/NEWSME Landfill Operations, LLC
Location	2828 Bennoch Road, Alton, Maine
Date of Visit	8-31-22
Inspector Name/Signature	Jeffrey Pelletier

Note: For weekly inspections, only Table 1 and Table 3 need to be completed. For monthly inspections, Tables 1, 2 and 3 need to be completed.

**Table 1
Inspection of Active Areas at the Facility**

Active Areas at the Facility			
Leachate	Is leachate observed on the ground, or leaking from tanks or piping, with evidence of or the potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)
Access Roads	Are industrial materials, residue or trash observed on roads where vehicles enter or exit the active landfill with evidence of or the potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)
MSW and CDD (windblown debris)	Is MSW and/or CDD on ground, tracking, blowing or whirling with evidence of or the potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)
Borrow Pit	Is there evidence of tracking or erosion from site soil borrow areas with potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)
Mobile Equipment	Is mobile equipment leaking oil or other liquids with evidence of or the potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)

Active Areas at the Facility	
Comments	Active Area of Site looked good

Table 2
 Inspection of Stabilized Areas at the Facility

Stabilized Active Areas at the Facility			
Leachate	Is leachate observed on the ground, or leaking from tanks or piping, with evidence of or the potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)
Access Roads	Are industrial materials, residue or trash observed on roads where vehicles enter or exit the active landfill with evidence of or the potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)
MSW and CDD (windblown debris)	Is MSW and/or CDD on ground, tracking, blowing or whirling with evidence of or the potential to impact stormwater?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Comments (see below)
Comments	Stabilized Area of Site looked good		

Table 3
Inspection of Stormwater BMPs, Conveyances and Outfalls

BMP	Describe where any of the following were observed: <ul style="list-style-type: none"> • Any evidence that the BMP is not functioning properly.
Detention Pond 1	Good
Geomembrane Lined Storage Pond	Good
Detention Pond 2	Good
Detention Pond 6	Good
Litter Fence	Good
Lechate Storage Tank Containment Area	Good
Leachate Storage Tank Containment Area Riprap Outlet	Good
Leachate Loading Rack Catch Basin	Good
Detention Pond 9	Good
2,000-Gallon Underground Storage Tank	Good
Detention Pond 5	Good
Outfall No. 1	Good
Outfall No. 2	Good
Outfall No. 3	Good

Table 3
Inspection of Stormwater BMPs, Conveyances and Outfalls

BMP	Describe where any of the following were observed: <ul style="list-style-type: none"> Any evidence that the BMP is not functioning properly.
Outfall No. 4	Good
Outfall No. 5	Good
Outfall No. 6	Good
Outfall No. 7	Good

Table 4
New Potential Pollutant Source and/or Recommendations for Additional BMPs

Reference	Description	Schedule

Certification

<input checked="" type="checkbox"/> Site is in compliance with SWPPP and MSGP. <input type="checkbox"/> Site is not in compliance with SWPPP and MSGP and either structural control measure maintenance, additional controls, or modifications to the SWPPP are required.	
<i>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 the possibility of fine and imprisonment for knowing violations.</i>	
Name: Jeffrey Pelletier	Telephone: 207-249-8025
Signature: 	Date: 08-31-22

STI SP001 MONTHLY ABOVEGROUND STORAGE TANK AND CONTAINER CHECKLIST
 NEWSME LANDFILL OPERATIONS LLC - JUNIPER RIDGE LANDFILL
 2828 BENINCOCH ROAD, ALTON, MAINE

GENERAL HOUSEKEEPING:	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA	Yes	No	NA
Fire extinguisher nearby?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spill equipment nearby?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PORTABLE CONTAINERS:																		
Are portable containers in designated storage area?																		
Debris, spill, or other fire hazards in containment or storage area?																		
Water in outdoor secondary containment?																		
Drain valves operable and in a closed position?																		
Egress pathways clear and gates/doors operable?																		
Container distorting, buckling, denting, or bulging?																		
Visible signs of leakage around the container or storage area?																		
COMMENTS / REPAIRS / MAINTENANCE:	Office Building 275 gal oil tank no longer exists.																	

**Quarterly
Site Inspection
Reports**



Standard Operating Procedure
 Bureau of Water Quality
 Attachment B
 Date: April 20, 2006
 Revised: June 12, 2017
 Doc Number: DEPLW0768

Visual Monitoring Form

Facility Name: Juniper Ridge Landfill
 Facility Address: 2828 Bennoch Road
Old Town, ME 04468

Sampler's Name: Justin Foran
 MSGP Permit Number: MER05B477

72 Hours Since last Qualifying Storm? Yes or No (circle)

Measurable Discharge from outfall? Yes or No (circle)

Outfall Number	01	02	03	04	05	06
Observation Time	9:00 am	9:10 am				
Est. Time from Onset of Discharge	< 60 min	< 60 min				
Discharge Type (rain, snow melt or ice melt)	rain	rain				
Sample Volume (ml)	1000	1000				
Color	clear	clear				
Odor	None	grassy				
Clarity	clear	clear				
Floating Solids*	None	few blades of grass				
Settled Solid*	None	None				
Suspended Solid*	None	None				
Foam	None	None				
Oil Sheen	None	None				
Possible Source of Any Observed Contamination	None	None				

*Enter a description of corresponding criteria for each outfall and any corrective actions in the General Comments section of this document.

Signature of Responsible Official: 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 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 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 fines and imprisonment for knowingly violating the law.

Name: Justin Foran Date: 09/18/22

Signature:

Date: 09-18-2022



Standard Operating Procedure
 Bureau of Water Quality
 Attachment B
 Date: April 20, 2006
 Revised: June 12, 2017
 Doc Number: DEPLW0768

Visual Monitoring Form

Facility Name: Juniper Ridge Landfill Sampler's Name: _____
 Facility Address: 2828 Bennoch Road MSGP Permit Number: MER05B477
Old Town, ME 04468

 72 Hours Since last Qualifying Storm? Yes or No (circle)

Measurable Discharge from outfall? Yes or No (circle)

Outfall Number	<u>07</u>				
Observation Time					
Est. Time from Onset of Discharge					
Discharge Type (rain, snow melt or ice melt)					
Sample Volume (ml)					
Color					
Odor					
Clarity					
Floating Solids*					
Settled Solid*					
Suspended Solid*					
Foam					
Oil Sheen					
Possible Source of Any Observed Contamination					

No Flow

*Enter a description of corresponding criteria for each outfall and any corrective actions in the General Comments section of this document.

Signature of Responsible Official: 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 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 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 fines and imprisonment for knowingly violating the law.

Name: Justin Foran Date: 09-18-2022

Signature: Date: 09-18-2022



General Comments

In the comments section, enter physical description of floating, settled, and suspended solids for each outfall sampled. Enter general comments on the condition and appearance of each outfall in the comments as well as any corrective actions taken as indicated in the instructions.

Outfall 1	Comments: <u>Good clean sample, no odor or solids</u> _____ _____ _____
Outfall 2	Comments: <u>Good clean sample, light grassy odor with a few blades of grass floating on the surface</u> _____ _____ _____
Outfall 3	Comments: <u>No Flow</u> _____ _____ _____
Outfall 4	Comments: <u>No Flow</u> _____ _____ _____
Outfall 5	Comments: <u>No Flow</u> _____ _____ _____
Outfall 6	Comments: <u>No Flow</u> _____ _____ _____



General Comments

In the comments section, enter physical description of floating, settled, and suspended solids for each outfall sampled. Enter general comments on the condition and appearance of each outfall in the comments as well as any corrective actions taken as indicated in the instructions.

Outfall 7	Comments: <u>No Flow</u> _____ _____ _____ _____
Outfall	Comments: _____ _____ _____ _____

ROUTINE INSPECTION REPORT

Site Name/Company	Juniper Ridge Landfill/NEWSME Landfill Operations, LLC
Location	2828 Bennoch Road, Alton, Maine
Date of Visit	09-06-2022
Inspector Name/Signature	Justin Foran <i>Sub 2</i>
Weather	Fair

Does this inspection qualify as the one required annual inspection conducted during qualifying storm event? Yes No

Are there any new discharges or pollutants at the site? Yes No

**Table 1
Inspection of Potential Pollutant Sources (PPS)**

Description	
Industrial Activity or Area	<p>Describe where any of the following were observed:</p> <ul style="list-style-type: none"> • Any discharges present at the time of inspection; • Any evidence of pollutants entering the drain system or outfalls; • The condition of the outfalls, including any restricted flow; • Industrial materials, residue or trash on the ground; • Leaks or spills from industrial equipment, drums, barrels, tanks or other containers; • Offsite tracking of industrial or waste materials or sediment; and • Tracking or blowing of raw, final, or waste materials.
Scale House and Scale	✓
Office Building	✓
Soil Stockpile Areas	✓
Borrow Pit	✓
Wood Waste Handling Area	✓

Table 1
Inspection of Potential Pollutant Sources (PPS)

Maintenance Building	<i>oil spots on the floor of the shop</i>
Rubb Building	✓
LFG Treatment Facility	✓
Leachate Storage Tank	✓
Leachate Loading Rack	✓
Leachate Collection System	✓
Gravel Laydown Area	<i>oil spots under water truck parking spot on equipment line</i>
Employee Parking Area	✓
1,500-Gallon Gasoline Tank	✓
1,500-Gallon Diesel Tank	✓
2,500-Gallon Diesel Delivery Truck	✓
Access Roads	✓

Table 2
Inspection of Structural Control Measures and Outfalls

BMP	Describe where any of the following were observed: <ul style="list-style-type: none"> • Any evidence that the BMP is not functioning properly; • Any evidence of erosion; and • Industrial materials, residue, or trash.
Detention Pond 1	✓
Geomembrane Lined Storage Pond	✓
Detention Pond 2	✓
Detention Pond 6	✓
Litter Fence	✓
Leachate Storage Tank Containment Area	✓
Leachate Storage Tank Containment Area Riprap Outlet	✓
Leachate Loading Rack Catch Basin	✓
Detention Pond 9	✓
2,000-Gallon Underground Storage Tank	✓
Detention Pond 5	✓
Detention Pond 10	✓
Outfall No. 1	✓

Table 2
Inspection of Structural Control Measures and Outfalls

Outfall No. 2	✓
Outfall No. 3	✓
Outfall No. 4	✓
Outfall No. 5	✓
Outfall No. 6	✓
Outfall No. 7	✓

Table 3
Corrective Actions Required for PPS(s) and/or Existing Structural Control Measures

Reference	Description/Schedule	Date Completed
<i>see attached</i>	_____	_____

Table 4
Recommendation for New PPS(s) and/or Structural Control Measures

Reference	Description/Schedule	Date Completed

Table 5
Modifications Required to SWPPP or Site Plan

Reference	Description

Certification

<input checked="" type="checkbox"/> Site is in compliance with SWPPP and MSGP.	
<input type="checkbox"/> Site is not in compliance with SWPPP and MSGP and either structural control measure maintenance, additional controls, or modifications to the SWPPP are required.	
<i>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 the possibility of fine and imprisonment for knowing violations.</i>	
Name: Justin Form	Telephone: 207-385-5077
Signature: 	Date: 09-06-2022

CORRECTIVE ACTION REPORT

Site Name/Company: <i>Juniper Ridge Landfill Casella</i>	
Location: <i>2828 Bemoch Rd. Alton, ME</i>	
Contact Name: <i>Justin Ferran</i>	Contact Signature: <i>JMF</i>
Date of Discovery: <i>09-06-2022</i>	
Date of Corrective Action Initiation: <i>09-06-2022</i>	
Date of Corrective Action Completion: <i>09-06-2022</i>	
Condition Requiring Corrective Action	<i>Oil spots on maintenance building floor</i>
Immediate Measures Taken to Control	<i>cleaned oil spots with absorbant media (quicke dry) and a broom</i>
Measures Taken to Prevent Re-Occurrence	<i>clean up oil spots on an as needed basis with absorbant media</i>

Corrective actions must be completed within 14 days of the discovery of the condition. SWPPP modifications must be completed within 14 days of the completion of the corrective action. In the case of a spill, fill out Appendix E – Spill Report in addition to this form.

If it is not feasible to complete the corrective action within 14 days, please describe the reason and proposed schedule for completion: _____

If corrective actions cannot be completed within 45 days of discovery, MEDEP must be notified.

CORRECTIVE ACTION REPORT

Site Name/Company: <i>Juniper Ridge Landfill, Casella</i>	
Location: <i>2828 Bennock Rd. Alton, ME</i>	
Contact Name: <i>Justin Foran</i>	Contact Signature: <i>Job R</i>
Date of Discovery: <i>09-06-2022</i>	
Date of Corrective Action Initiation: <i>09-10-2022</i>	
Date of Corrective Action Completion: <i>09-10-2022</i>	
Condition Requiring Corrective Action	<i>oil spots under^{at} water truck parking spot in the gravel laydown yard</i>
Immediate Measures Taken to Control	<i>Notified maintenance of the situation. On 9/10 the soil around the spill was cleaned up and disposed of in the LF</i>
Measures Taken to Prevent Re-Occurrence	<i>Notified maintenance shop of Hydraulic fluid leaking from the machine. Repair the leak</i>

Corrective actions must be completed within 14 days of the discovery of the condition. SWPPP modifications must be completed within 14 days of the completion of the corrective action. In the case of a spill, fill out Appendix E - Spill Report in addition to this form.

If it is not feasible to complete the corrective action within 14 days, please describe the reason and proposed schedule for completion: _____

If corrective actions cannot be completed within 45 days of discovery, MEDEP must be notified.

2022 Juniper Ridge Landfill Other Maintenance Activities

Below is a list of all other maintenance activities that occurred throughout 2022. A list of all leachate maintenance and cleaning activities is chronologically listed in Attachment E of the 2022 JRL Annual Report.

Access Road Maintenance

- Access roads going to the top of the landfill and around the north, west, and south sides of the landfill perimeter were graded as necessary.
- All access roads were swept and watered as necessary.

Landfill Cover System Maintenance

- Various repairs were made to the existing 30/40 mil intermediate cover system due to tears, rips, and holes from liner movement, settlement, and the wind.

Landfill Gas System (LFG) Maintenance

- Roughly 146 improvements were made to the LFG system throughout 2022. These improvements included: well/gas collection trench installations/extensions, maintenance to all collection well head components (valves, ports, hoses), and torn well boots.
- The flare flame arrestor was cleaned periodically.
- Routine maintenance was performed at the JRL Thiopaq Facility in accordance with the Facility's operations manual.
- Condensate knockout pots (KOP) were cleaned as necessary.

Other Site Maintenance

- A portion of overhead electrical was removed from the old scale house area, on the northwest side of the landfill. This was completed to allow for future landfill expansion cells to be built. New electrical infrastructure will be installed once landfill cells are completed.
- Third party contractors were used to mow around the landfill perimeter, along access roads, and along security fencing.

Scale House Maintenance

- Gravel along the road shoulders was graded periodically.
- Scales were cleaned, de-iced, and calibrated as necessary.

Stormwater Maintenance

- All stormwater ditches around the landfill were cleaned. Culverts were cleaned and new rip-rap was installed as necessary.
- Both sides of Detention Pond #5 were cleaned with new drainage sand installed. Detention Pond #5 was discontinued in the late fall to allow for Cell 15 site prep activities to occur. Stormwater flows to the area are now redirected to Detention Pond #1.
- New erosion control mix was added around the level lip spreader and prior to Outfall #2.
- Seeding and mulching occurred as necessary to prevent erosion.
- Continuous litter patrols were performed by 3rd party temporary personnel.

ATTACHMENT E

Leachate Collection Maintenance Activities

2022 Juniper Ridge Landfill Leachate Maintenance and Repairs

03/11/22	Emptied surface water from the leachate force main manholes. Inspected the manholes and pressure gauges.
03/15/22	Flow meter verification performed on the leachate loadout rack and landfill pump stations.
07/12/22	Emptied surface water from the leachate force main manholes. Inspected the manholes and pressure gauges.
08/01/22	Removed and cleaned leachate collection (LC) pump #2 from Cell 13 pump station. Reinstalled it in Cell 14 pump station for future use.
08/23/22	Cleaned the leachate tank and flushed both the inlet and outlet lines.
08/24/22	Performed an inspection of the leachate tank. (Done by the Manufacture)
09/19/22	Emptied surface water from the leachate force main manholes. Inspected the manholes and pressure gauges.
12/06/22	Completed cleaning all leachate collection (LC) lines around the landfill.
12/07/22	Emptied surface water from the leachate force main manholes. Inspected the manholes and pressure gauges.
12/09/22	Cleaned the Cell 8 pump station leachate collection / leak detection pumps, sumps, piping, valves, and flow meters.
12/19/22	Cleaned the Cell 5 pump station leachate collection / leak detection pumps, sumps, piping, valves, and flow meters.
12/20/22	Cleaned the Cell 4 pump station leachate collection / leak detection pumps, sumps, piping, valves, and flow meters.

ATTACHMENT F

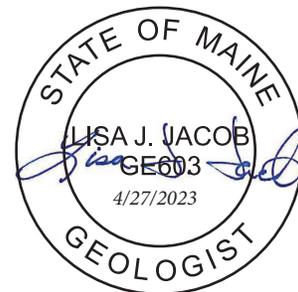
Water Quality Monitoring Report

2022 ANNUAL WATER QUALITY REPORT JUNIPER RIDGE LANDFILL

Prepared for

NEWSME LANDFILL OPERATIONS, LLC

April 2023



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SME 
SEVEE & MAHER
ENGINEERS

ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

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2022 ANNUAL WATER QUALITY REPORT JUNIPER RIDGE LANDFILL

EXECUTIVE SUMMARY

Water quality samples were obtained in April, July, and October 2022 at the Juniper Ridge Landfill (JRL or site) in accordance with the current site Environmental Monitoring Plan (EMP). The 2022 water quality data for the JRL monitoring locations are consistent with the historical data for the site and with the setting of monitoring locations among the construction and operational activities of the landfill. Site groundwater and surface water quality data do not show adverse effects from the performance of the landfill cells or leachate collection and transport systems. The evaluation of site water quality, which incorporates the 2022 water quality data, identifies trends at multiple locations and for a number of parameters, both upgradient and downgradient from the landfill. Historical groundwater quality data through 2022 indicate that these trends are largely attributable to landfill operations and changes in redox conditions, which occur as expected around the landfill due to the construction of the landfill (e.g., from removal of vegetation, disturbance of native soils, and the cutoff of precipitation in the landfill area), and do not indicate any significant landfill related impacts to water quality from malfunction of the landfill liners.

Leachate from monitoring location LT-C4LR during 2022 and historically since July 2013 is generally characterized by high parameter values. In 2022, the annual maximum value of specific conductance in JRL leachate (i.e., monitoring location LT-C4LR) was 22,260 $\mu\text{mhos/cm}$ in July 2022. The annual maximum concentrations of chloride and arsenic at monitoring location LT-C4LR were 6,600 mg/L (July 2022) and 0.42 mg/L (July 2022), respectively. Generally, at a given water quality monitoring location, if landfill leachate were present, there would be a notable, significant increase in specific conductance values and chloride and arsenic concentrations (in conjunction with changes in other parameter concentrations) due to their presence at high concentrations in the JRL leachate.

Where there was flow during 2022 from underdrain monitoring locations, the underdrain monitoring data do not show adverse effects from the performance of the landfill cells or leachate collection and transport systems. During 2022, annual maximum chloride concentrations from the sampled underdrain monitoring locations (ranging from 1.9 mg/L to 3.1 mg/L) were very low relative to the JRL leachate and do not indicate influence from the presence of landfill leachate. There were no volatile organic compounds (VOCs) detected in 2022 above laboratory reporting limits at any of the sampled underdrain locations.

Monitoring of the landfill leak detection sampling locations for Cells 11, 12, and 13 show that annual maximum chloride concentrations were very low during 2022 (ranging from 1.7 mg/L to 3.2 mg/L). These chloride concentrations do not indicate the presence of leachate in the leak detection systems for Cells 11, 12, and 13.

Based on review of 2022 and historical groundwater data, SME has identified 31 of the 47 site-wide groundwater monitoring locations with water quality that: (1) do not indicate influence from landfill leachate; and (2) show limited influence from landfill construction operations. The 2022 annual maximum specific conductance values at these wells range from 54 $\mu\text{mhos/cm}$ to 370 $\mu\text{mhos/cm}$. The 2022 annual maximum chloride concentrations at these monitoring locations were very low and ranged from 1.2 mg/L to 17 mg/L. These wells also generally exhibit limited to no statistically significant increasing trends. For these reasons, extended discussion on these wells is not warranted at this time.

More pronounced water quality changes have been observed at 16 of the site groundwater monitoring locations, which include wells both upgradient and downgradient from the landfill. These monitoring locations are discussed in detail in Section 7.3. The water quality changes are evidenced at some of these 16 groundwater monitoring locations by statistically significant trends for multiple parameters. These trends are largely attributable to changes in redox conditions, which occur as expected around the landfill due to the construction and operations of the landfill, as noted prior, and do not indicate landfill related impacts to water quality from, e.g., malfunction of the landfill liners. This conclusion is supported by the current values and trends of key indicator parameters at the landfill underdrain monitoring locations and leak detection monitoring locations.

Arsenic is the only parameter analyzed in groundwater monitoring wells detected above its United States Environmental Protection Agency (U.S.EPA) Maximum Contamination Level (MCL) during 2022. There were only four monitoring wells in the detection monitoring analytical program with arsenic concentrations detected above its MCL (0.01 mg/L) during 2022. The maximum arsenic concentration detected at site-wide monitoring locations was 0.017 mg/L during 2022. There were no arsenic concentrations detected above its MCL at pore-water monitoring locations or above its Maine Freshwater Criterion Continuous Concentration (MFCCC) at surface water monitoring locations in 2022.

The 2022 surface water, stormwater, and pore-water monitoring data are generally characterized by very low values of key indicator parameters by comparison to the JRL leachate (i.e., LT-C4LR). This is generally consistent with historical data at these locations.

One round of baseline monitoring at Cell 15 monitoring locations was conducted in October 2022 and the results reported are discussed in Section 7.5. Baseline monitoring of the Cell 15 monitoring locations is scheduled to continue in 2023.

1.0 INTRODUCTION

The Juniper Ridge Landfill (JRL or site) is a secure landfill located on a 780-acre parcel in Old Town, Maine. It is owned by the Maine Bureau of General Services (BGS) and is operated by NEWSME Landfill Operations, LLC (NEWSME). Since 2004, JRL has been an integral part of the State of Maine's overall solid waste management program, providing environmentally sound disposal capacity for non-hazardous solid waste generated throughout the State of Maine. Figure 1-1 shows the location of the site. Figures 1-2 and 1-3 show the general site layout and monitoring locations of the site in 2022.

Water quality has been monitored at the site since 1990 when the site was first selected for a landfill.¹ This report describes the results of the water quality sampling and an analysis of site water quality in 2022 completed by Sevee & Maher Engineers, Inc. (SME). The analysis compares the 2022 results to historical water quality at the site, using statistical and graphical evaluations of trends in the data by sample location, and to State and Federal water quality standards. The analysis also looks at the water quality data in terms of the site conditions that exist at the JRL.

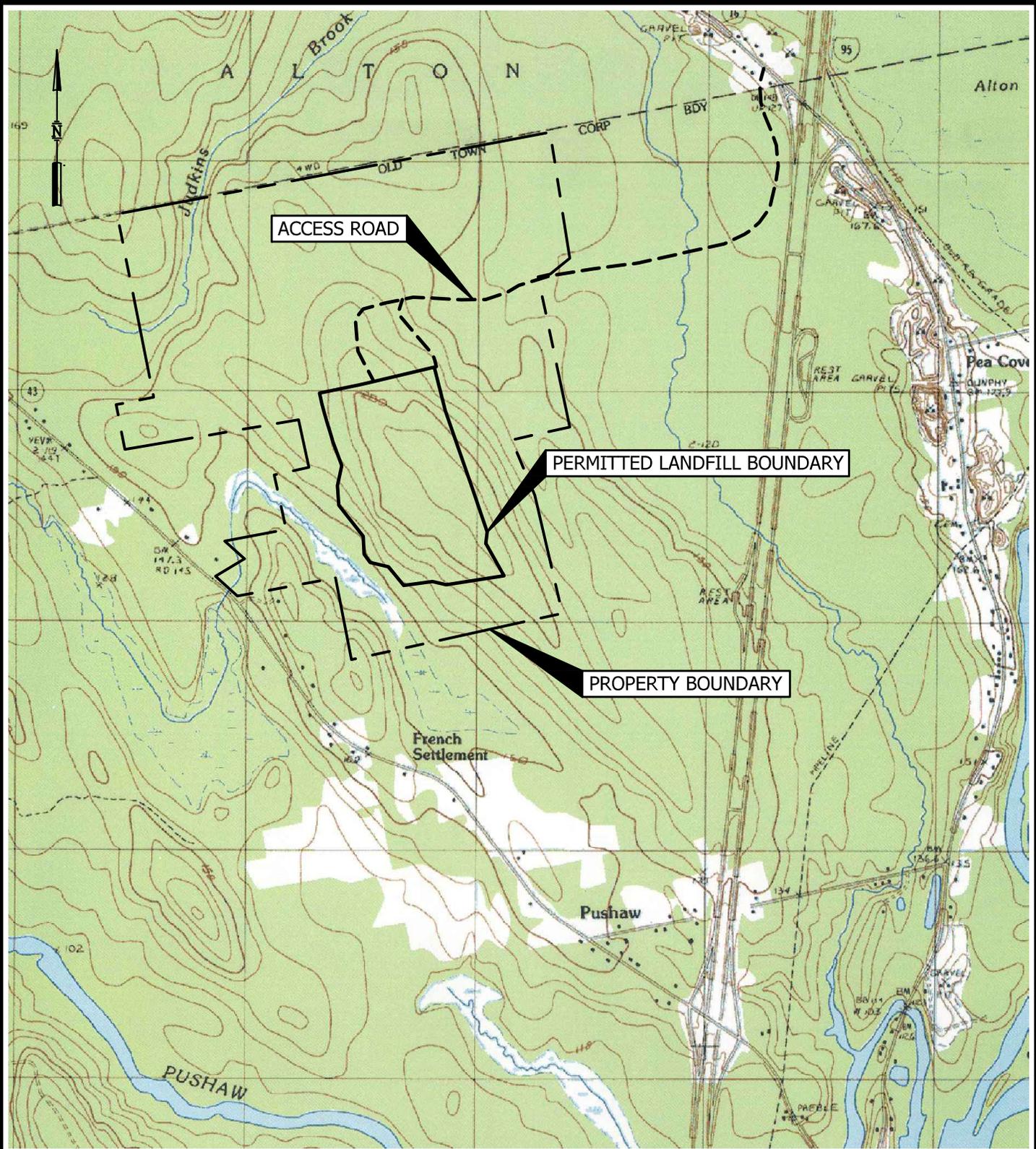
Sampling during 2022 was completed in general accordance with the current Environmental Monitoring Plan (EMP) for the JRL (revised April 2016) and the EMP for the JRL expansion (revised June 2017).^{2,3} Descriptions of the 2022 water quality monitoring results are provided in this report. There were supplemental components to the 2022 water quality monitoring program, consisting of sampling and analyses for dissolved methane at one monitoring well and three pore-water sampling locations.

Monitoring of downgradient landfill expansion monitoring wells MW-503, MW-504, MW-505, MW-506, MW-08-01, P-04-11A, P-04-11B, OW-606B, OW-607B, OW-608B, and OW-609B, for which baseline analytical monitoring was performed in 2021, began under the current EMP specifications in 2022. NEWSME began monthly leachate detection monitoring at location LF-LD-13 (for the Cell 13 leak detection system) during 2021 and that location was first sampled by SME in July 2022 for field parameters and for parameters in the detection monitoring program. NEWSME began monthly leachate detection monitoring at location LF-LD-14 (for the Cell 14 leak detection system) during 2022. SME will begin

¹ The JRL was formerly known as the West Old Town Landfill and was 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 SME entitled: *James River Paper Company Inc., West Old Town Landfill Project, Old Town Maine, Volume III, Site Investigation and Hydrogeologic Evaluation, August 1991*).

² SME, April 2016, Environmental Monitoring Plan, Juniper Ridge Landfill, Old Town, Maine, Prepared for NEWSME Landfill Operations LLC, Revised April 2016.

³ SME, June 2017, Juniper Ridge Landfill Expansion Application Environmental Monitoring Plan, Submitted by: State of Maine Bureau of General Services, as Owner and NEWSME Landfill Operations, LLC, as Operator, July 2015 (Revised June 2017).

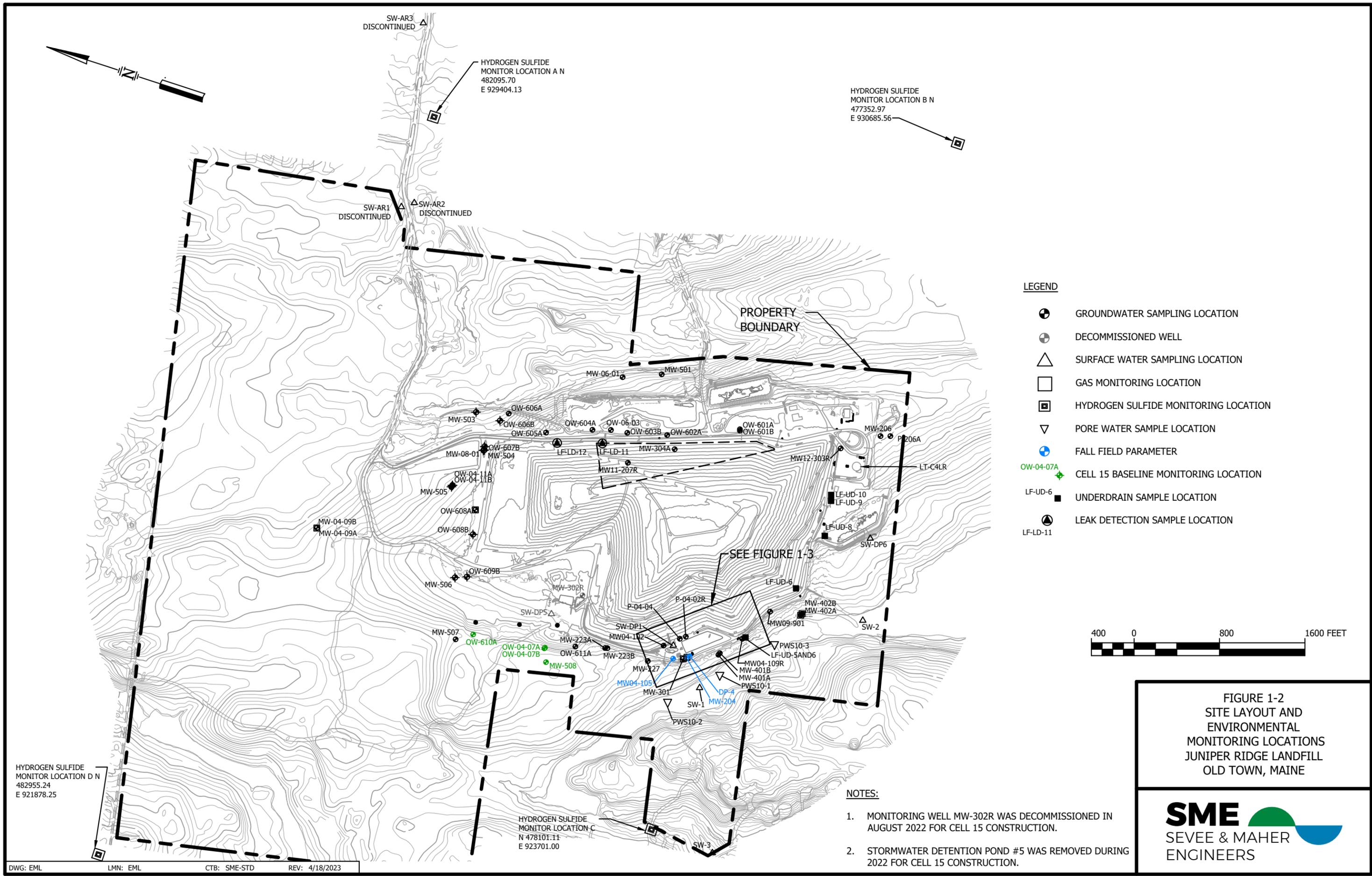


BASE MAP ADAPTED FROM 7.5 MIN
 USGS TOPOGRAPHIC QUADRANGLE
 OLD TOWN, MAINE-1988



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





LEGEND

- GROUNDWATER SAMPLING LOCATION
- ⊕ DECOMMISSIONED WELL
- △ SURFACE WATER SAMPLING LOCATION
- GAS MONITORING LOCATION
- ⊠ HYDROGEN SULFIDE MONITORING LOCATION
- ▽ PORE WATER SAMPLE LOCATION
- ⊕ FALL FIELD PARAMETER
- ⊕ CELL 15 BASELINE MONITORING LOCATION
- UNDERDRAIN SAMPLE LOCATION
- ⊕ LEAK DETECTION SAMPLE LOCATION



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



NOTES:

1. MONITORING WELL MW-302R WAS DECOMMISSIONED IN AUGUST 2022 FOR CELL 15 CONSTRUCTION.
2. STORMWATER DETENTION POND #5 WAS REMOVED DURING 2022 FOR CELL 15 CONSTRUCTION.

HYDROGEN SULFIDE
MONITOR LOCATION D N
482955.24
E 921878.25

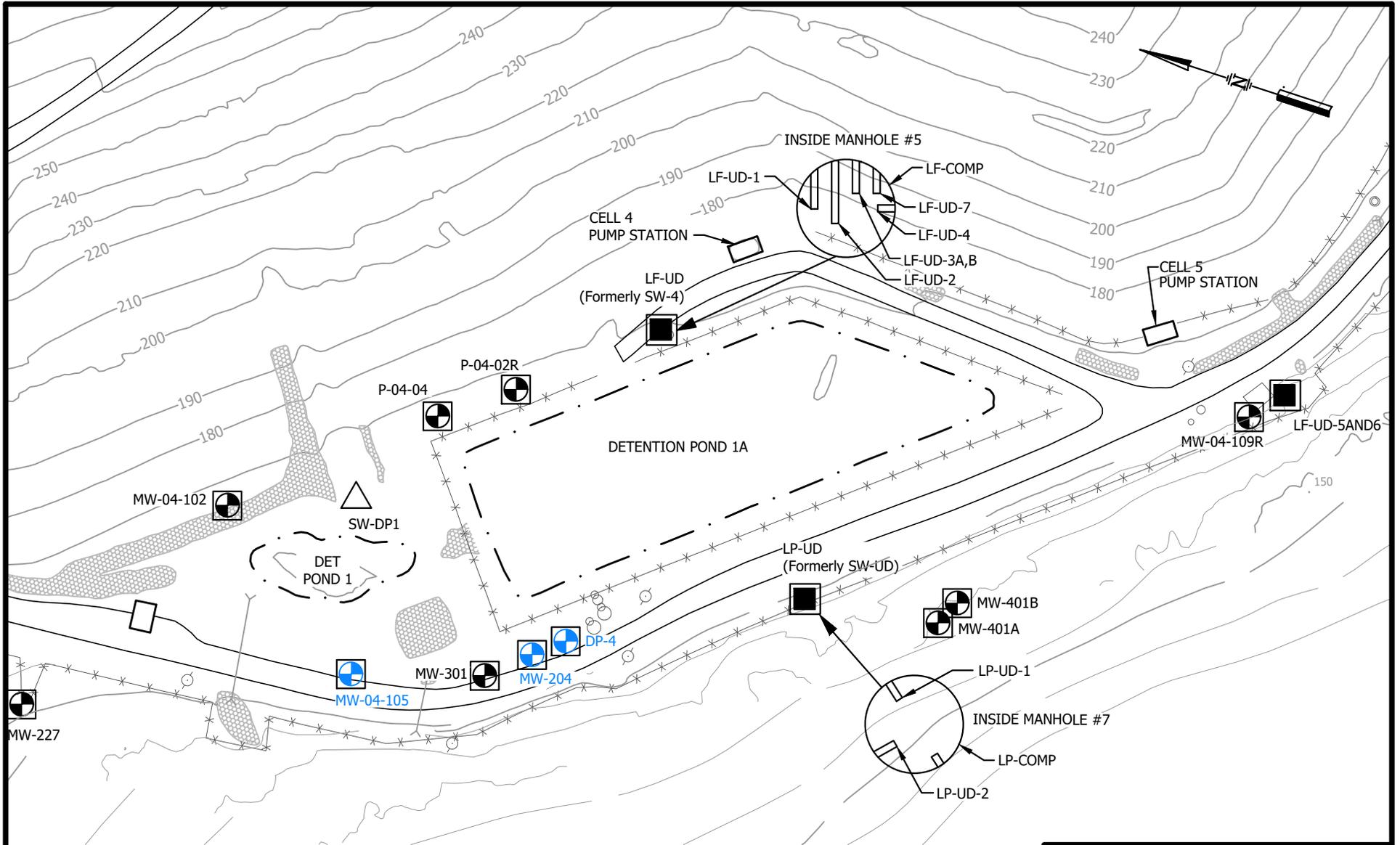
HYDROGEN SULFIDE
MONITOR LOCATION C
N 478101.11
E 923701.00

HYDROGEN SULFIDE
MONITOR LOCATION A N
482095.70
E 929404.13

HYDROGEN SULFIDE
MONITOR LOCATION B N
477352.97
E 930685.56

I:\Server\ofds\Casella\OldTownLandfill\GeneralSiteInfo\Acad\EML.dwg, EML-FIG 1-2, 4/18/2023 11:19:43 AM, bwb

\\nserv\cds\Casella\OldTown\Landfill\GeneralSiteInfo\Acad\EMP.dwg, W0 FIG1-3, 4/18/2023 11:12:31 AM, bmb



NOTE

USE OF LEACHATE POND (NOW DETENTION POND 1A) TO STORE LEACHATE DISCONTINUED WITH CONSTRUCTION OF CELL 4 IN 2008.

LEGEND

- ⊕ GROUNDWATER MONITORING LOCATION
- △ SURFACE WATER MONITORING LOCATION
- GAS MONITORING LOCATION
- UNDERDRAIN MONITORING LOCATION
- ⊕ FALL FIELD PARAMETER ONLY



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



monitoring LF-LD-14 in 2023 for field parameters and for parameters in the detection monitoring program.

In addition to EMP and supplemental monitoring, one round of baseline analytical monitoring for Cell 15 monitoring wells MW-508, P-04-07A, P-04-07B, and OW-610A was performed in October 2022. Baseline analytical monitoring for Cell 15 monitoring wells is scheduled to continue during 2023.

Descriptions of the site setting, facility layout, monitoring locations, analytical parameters, and 2022 site activities are also included herein.

1.1 Landfill Conditions

The JRL is 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 in 2022 was collected and stored in an on-site storage tank and then transported to either the MEDEP licensed wastewater treatment facility at the Old Town Mill owned by Nine Dragons Paper, the City of Bangor's wastewater treatment facility, or the Anson Madison Sanitary District for treatment.

Cells 1, 2, 3A, 3B, 4, 5, 6, 7, 8, 9, and 10 account for the 68-acre landfill approved by the Maine Department of Environmental Protection (MEDEP) Solid Waste Order #S-020700-WD-N-A. A landfill expansion was approved by Board Order #S-020700-WD-BI-N and includes expansion Cells 11 through 17. Cell 11 was constructed in 2018, Cell 12 was constructed in 2020, and Cell 13 was constructed in 2021. Cell 14 was constructed in 2022 and construction activities included site grading, construction of the landfill perimeter dike and permanent pump station, and modifications to perimeter stormwater drainage ditches west and north of the landfill. Intermediate cover and landfill gas collection piping and wells were installed within several areas of the active landfill cells in 2022. Site development for Cell 15, which will be constructed in 2023, occurred in the fall of 2022 and included abandoning groundwater monitoring well MW-302R and taking Detention Pond 5 and the associated piping offline. The sampling location associated with Detention Pond 5 (SW-DP5) and MW-302R have both been removed from the monitoring program.

Waste filling in 2022 occurred primarily in Cells 7, 8, 9, 12, 13, and 14. In 2022, JRL received 933,650 tons of non-hazardous waste including, but not limited to, construction and demolition debris (CDD), municipal solid waste, front-end process residue, incinerator and boiler ashes, sludges, CDD fines, contaminated soils, oil spill debris, and other solid waste for which the facility has either blanket or individual permits. As of December 2022, approximately 720,538 cubic yards of permitted capacity remained in Cells 1 through 10 and approximately 5,611,634 cubic yards of permitted capacity remained in Cells 11 through 17.

1.2 Hydrogeologic Setting

The existing JRL facility is located on the southwestern side of a northwest-southeast trending drumlin. The natural topography in the landfill area slopes downward to the southwest towards a large wetland and an unnamed stream that empties into Pushaw Stream (Class B). Pushaw Stream empties into the Stillwater River (Class B), which flows to the Penobscot River (Class B). Groundwater beneath the landfill is interpreted to follow the natural surficial topography and, therefore, generally flows towards the southwest and towards the unnamed stream. The large change in elevation from northeast to southwest across the landfill area 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; thus, the stream acts as a hydrologic barrier for groundwater flow from the landfill beyond the east side of the stream.

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. At a few locations outside of the landfill boundary, bedrock outcrops are exposed at the ground surface. In addition, there are several isolated, discontinuous, washed till zones found beneath the till. However, these discontinuous washed till zones are often found within finer grained glacial tills.

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 landfill 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.

The interpreted shallow groundwater phreatic surface and upper bedrock groundwater potentiometric surface contour maps for the JRL site are provided in Appendix B. These maps represent interpretations of the potentiometric surfaces using site data from 2007 and 2008. As expected, the groundwater elevations at the site monitoring wells have declined since then as a result of the cut-off of recharge from precipitation in the area of the landfill liner systems. The 2022 site groundwater level conditions do not result in a significant change to the interpreted groundwater flow directions or the groundwater flow divides at the site, particularly with regard to monitoring groundwater and surface water. Linear trendlines of groundwater elevations later than 2007 were calculated for thirty-seven of the site's forty-seven current groundwater monitoring locations to evaluate water level changes during the time period ending in October 2022 (see Appendix B for water level and trendline plots). The average slopes of linear

trendlines during this period were used to quantify the approximate rates of groundwater elevation changes at site groundwater monitoring locations, which are summarized in Table 1-1.

TABLE 1-1

2022 SUMMARY OF SITE GROUNDWATER ELEVATION TRENDS

Location Designation ¹	Position Relative to Landfill	Date Range for Analysis	Total Groundwater Elevation Change During Date Range for Analysis (feet-NGVD)	Rate of Groundwater Elevation Change (feet/year)
OW-607B	Downgradient (Expansion)	Feb-21 to Oct-22	-12.44	-7.524
MW-504	Downgradient (Expansion)	Feb-21 to Oct-22	-9.53	-5.771
MW-08-01	Downgradient (Expansion)	Feb-21 to Oct-22	-9.47	-5.734
OW-609B	Downgradient (Expansion)	Feb-21 to Oct-22	-4.21	-2.557
MW-505	Downgradient (Expansion)	Feb-21 to Oct-22	-3.97	-2.411
OW-608B	Downgradient (Expansion)	Feb-21 to Oct-22	-3.31	-2.009
OW-604A	Downgradient (Expansion)	Apr-18 to Oct-22	-6.88	-1.534
OW-602A	Downgradient (Expansion)	Apr-18 to Oct-22	-6.72	-1.498
MW-506	Downgradient (Expansion)	Feb-21 to Oct-22	-2.32	-1.424
OW-601A	Downgradient (Expansion)	Apr-18 to Oct-22	-4.43	-0.986
OW-601B	Downgradient (Expansion)	Apr-18 to Oct-22	-4.26	-0.950
P-206A	Upgradient	Jul-13 to Oct-22	-7.37	-0.804
MW12-303R	Upgradient	Oct-12 to Oct-22	-5.45	-0.548
OW-06-03	Downgradient (Expansion)	Apr-18 to Oct-22	-1.97	-0.438
MW-302R	Downgradient	May-08 to Jul-22	-4.65	-0.329
OW-608A	Downgradient (Expansion)	Apr-18 to Oct-22	-1.32	-0.292
MW-04-09A	Downgradient (Expansion)	Feb-20 to Oct-22	-0.76	-0.292
MW-04-09B	Downgradient (Expansion)	Feb-20 to Oct-22	-0.67	-0.256
P-04-11A	Downgradient (Expansion)	Feb-21 to Oct-22	-0.36	-0.219
MW04-102	Downgradient	May-07 to Oct-22	-2.25	-0.146
P-04-02R	Downgradient	Jul-15 to Oct-22	-1.06	-0.146
P-04-04	Downgradient	May-07 to Oct-22	-1.69	-0.110
MW-206	Upgradient	May-07 to Oct-22	-1.69	-0.110
MW-223A	Downgradient	May-07 to Oct-22	-1.69	-0.110
MW04-105	Downgradient	May-07 to Oct-22	-1.12	-0.073
MW-223B	Downgradient	May-07 to Oct-22	-1.12	-0.073
MW-204	Downgradient	May-07 to Oct-22	-0.56	-0.037
MW-227	Downgradient	May-07 to Oct-22	-0.39	-0.026
MW-401A	Downgradient	May-07 to Oct-22	-0.28	-0.018
MW04-109R	Downgradient	Dec-09 to Oct-22	-0.19	-0.015
MW-402B	Downgradient	May-07 to Oct-22	-0.17	-0.011
MW-401B	Downgradient	May-07 to Oct-22	-0.17	-0.011
DP-4	Downgradient	May-07 to Oct-22	0.17	0.011
MW09-901	Downgradient	Dec-09 to Oct-22	2.34	0.183
MW-507	Downgradient (Expansion)	Apr-18 to Oct-22	0.82	0.183
OW-611A	Downgradient (Expansion)	Apr-18 to Oct-22	0.99	0.219
OW-605A	Downgradient (Expansion)	Apr-18 to Oct-22	2.95	0.657
Notes:				
¹ Site monitoring locations are described in Section 2.0.				

As shown in Table 1-1, 32 of the 37 monitoring wells included in this analysis have downward water level trends for data collected later than 2007. Nineteen of the monitoring locations included in Table 1-1 are located downgradient of the landfill expansion. Early monitoring of groundwater elevation trends at 16

of these locations shows that the cut-off of recharge from precipitation by the landfill expansion cells liner systems has resulted in groundwater elevation change rates ranging from -7.524 feet per year (feet/year) at OW-607B to -0.219 feet/year at P-04-11A. Groundwater elevations have increased between April 2018 and October 2022 at three of the nineteen landfill expansion monitoring locations downgradient from the landfill expansion, with groundwater elevation change rates of 0.183 feet/year at MW-507, 0.219 feet/year at OW-611A, and 0.657 feet/year at OW-605A.

The remaining 18 monitoring locations in Table 1-1 are upgradient or downgradient from all or a portion of Cells 1 through 10 of the JRL. The cut-off of recharge from precipitation by the landfill liner systems has generally resulted in greater rates of groundwater elevation decline at two of the three upgradient monitoring locations. Upgradient monitoring locations P-206A and MW12-303R have groundwater elevation change rates of -0.804 feet/year and -0.548 feet/year, respectively. The groundwater elevation decline at upgradient monitoring location MW-206 has been slower with a rate of -0.110 feet/year. Groundwater elevations have declined in 13 of the 15 monitoring locations downgradient from all or portions of Cells 1 through 10 of the JRL that were analyzed for groundwater elevation trends for data collected later than 2007. These declines have ranged from rates of -0.329 feet/year at MW-302R to -0.011 feet/year at MW-401B and MW-402B. The two monitoring locations downgradient from all or a portion of Cells 1 through 10 of the JRL with increasing groundwater elevations are DP-4 and MW09-901, which had increasing rates of 0.011 feet/year and 0.183 feet/year, respectively.

Site monitoring wells MW-301, MW-402A, MW-501, MW-502, MW-503, MW06-01, OW-603B, OW-606A, OW-606B, and P-04-11B are not included in the analysis summarized in Table 1-1. Monitoring locations MW-402A, MW-502, MW06-01, MW-603B, MW-606A, MW-606B, and P-04-11B show indications of declining water levels but were not included since the rates of decline cannot be quantified with available data due to either intermittent flowing or dry conditions. Monitoring wells MW-501 and MW-503 have been flowing during each of the monitoring events to date at those locations.

Monitoring well MW-301 is located downgradient from the JRL. Groundwater elevation data from MW-301 show slight declines from 2007 through 2012. MW-301 was found to be damaged during the April 2013 monitoring round. It was repaired prior to the July 2013 monitoring round and since that time has had reported average groundwater elevations in the order of 4 feet higher than values prior to the repair. Groundwater elevation data from MW-301 show slight declines from 2013 through 2022.

In addition to the cut-off of recharge from precipitation by the landfill liner systems, groundwater elevations at the site are affected by the amount of precipitation that falls on the site. Preliminary monthly climate data from the National Climatic Data Center (NCDC) for Bangor, Maine indicates a 2022 total precipitation of 48.38 inches, which is 6.67 inches above the normal precipitation reported by the NCDC for Bangor, Maine. The average groundwater elevations were generally lower in 2022 at most groundwater monitoring wells compared to 2021, when there was a lower total precipitation of 40.85

inches. This is a further indication of the influence of the cut-off of recharge from precipitation by the landfill liner systems on groundwater elevations.

2.0 MONITORING LOCATIONS

Sampling during 2022 was completed in general accordance with the current EMP for the JRL (revised April 2016) and the EMP for the JRL expansion (revised June 2017).

2.1 2022 Monitoring Locations

Sampling events during 2022 were completed in April/May, July, and October 2022. In 2022, water quality samples for the detection monitoring program were obtained by SME from 47 groundwater monitoring wells and piezometers,^{4,5,6,7} three pore-water sample locations, three surface water locations, three stormwater locations,⁸ twelve underdrain locations,⁹ three leak detection locations,¹⁰ and one leachate monitoring location. Measurement of field parameters (e.g., temperature and specific conductance) at the underdrain and leak detection monitoring locations that contained water were completed on a monthly basis by NEWSME personnel.

The site monitoring points are summarized in Tables 2-1 and 2-2 and their locations are shown on Figures 1-2 and 1-3. Information on the geologic formation in which each monitoring well is screened, as well as the elevation and distance below ground of each monitoring well screened interval, is listed in Table 2-1.

⁴ Three of the site groundwater monitoring wells (DP-4, MW04-105, and MW-204) were sampled only during the spring and fall monitoring events, and for field parameters only. Fourteen of the site groundwater monitoring wells (OW-06-03, OW-601A, OW-601B, OW-602A, OW-603B, OW-604A, OW-605A, OW-606A, OW-606B, OW-607B, OW-608A, OW-608B, OW-609B, and OW-611A) were sampled for detection monitoring parameters only during the summer monitoring event and were monitored for field parameters only during the spring and fall monitoring events, unless those locations were dry. Monitoring well OW-06-03 had insufficient water for sampling in July 2022 and monitoring well OW-603B was dry during the April, July, and October 2022 monitoring events.

⁵ Monitoring wells P-04-11A and P-04-11B were sampled for field parameters and the detection monitoring parameters in April and July 2022 and only for field parameters in October 2022, unless those locations were dry. P-04-11B was dry during the July and October 2022 monitoring events.

⁶ Former monitoring well MW-302R was decommissioned in August 2022 in preparation for the construction of landfill expansion Cell 15.

⁷ Monitoring location MW-504 was found damaged during the July 2022 monitoring event and was not sampled. It was repaired and sampling resumed at this location in October 2022.

⁸ Stormwater monitoring location SW-DP5 was dry during the July 2022 and October 2022 monitoring events.

⁹ Samples were obtained from three underdrain monitoring locations (LF-UD-4, LF-UD-5 and 6, and LP-UD-2) during one or more of the three 2022 sampling events. The remaining nine underdrain monitoring locations were not sampled during 2022 due to dry conditions (LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-6, LF-UD-7, LF-UD-8, LF-UD-9, LF-UD-10, and LP-UD-1). LF-UD-14 will begin to be monitored during 2023. No composite samples were required to be taken at Manhole #5 (LF-COMP) and Manhole #7 (LP-COMP) in 2022.

¹⁰ Leak detection monitoring locations LF-LD-11, LF-LD-12, and LF-LD-13 were sampled for field parameters and the detection monitoring parameters in July 2022 and for field parameters monthly. Monthly monitoring of field parameters began at LF-LD-14 in July 2022. LF-LD-14 will begin to be monitored for the detection monitoring parameters during 2023.

TABLE 2-1

2022 GROUNDWATER MONITORING LOCATIONS

Location Designation	Position Relative to Landfill	Screen Depth Interval (feet below ground surface)	Ground Surface Elevation (feet-NGVD)	Screen Interval Elevation (feet-NGVD)	Geologic Formation Screened
MW-204	Downgradient	13.8 – 18.8	164.0	150.2 – 145.2	Overburden
MW-206	Upgradient	15.0 – 20.0	200.9	185.9 – 180.9	Overburden
P-206A	Upgradient	85.5 – 90.5	201.5	116.0 – 111.0	Bedrock
MW-223A	Downgradient	28.0 – 33.0	173.4	145.4 – 140.4	Bedrock
MW-223B	Downgradient	12.6 – 17.6	173.3	160.7 – 155.7	Overburden
MW-227	Downgradient	15.0 – 20.0	160.8	145.8 – 140.8	Overburden
MW-301	Downgradient	162.7 – 182.7	163.5	0.8 – -19.2	Bedrock
MW-302R	Downgradient	19.5 – 29.5	204.5	185.0 – 175.0	Bedrock
MW12-303R	Upgradient	30.4 – 40.4	206.1	175.7 – 165.7	Overburden
MW-401A	Downgradient	98.8 – 108.8	153.6	54.8 – 44.8	Bedrock
MW-401B	Downgradient	10.0 – 20.0	154.2	144.2 – 134.2	Overburden
MW-402A	Downgradient	95.5 – 105.5	149.3	53.8 – 43.8	Bedrock
MW-402B	Downgradient	12.0 – 22.0	149.7	137.7 – 127.7	Overburden
DP-4	Downgradient	18.5 – 24.5	165.5	147.0 – 141.0	Overburden
P-04-02R	Downgradient	27.1 – 32.1	168.0	140.9 – 135.9	Overburden
P-04-04	Downgradient	27.2 – 32.2	166.7	142.1 – 137.1	Overburden
MW04-102	Downgradient	10.0 – 15.0	167.0	157.0 – 152.0	Overburden
MW04-105	Downgradient	14.8 – 19.8	162.2	147.4 – 142.4	Overburden
MW04-109R	Downgradient	15.0 – 20.0	157.1	142.1 – 137.1	Overburden
MW-04-09A	Downgradient Expansion	38.0 – 39.0	167.0	128.0 – 129.0	Bedrock
MW-04-09B	Downgradient Expansion	14.0 – 15.0	167.0	152.0 – 153.0	Overburden
MW-08-01	Downgradient Expansion	117.0 – 127.0	173.1	46.1 – 56.1	Bedrock
MW09-901	Downgradient	15.0 – 20.0	161.9	146.9 – 141.9	Overburden
MW-501	Downgradient Expansion	57.0 – 67.0	163.2	96.2 – 106.2	Bedrock
MW-502	Downgradient Expansion	38.0 – 43.0	TBD	TBD	Bedrock
MW-503	Downgradient Expansion	60.0 – 70.0	160.7	90.7 – 100.7	Bedrock
MW-504	Downgradient Expansion	71.5 – 81.5	172.6	91.1 – 101.1	Bedrock
MW-505	Downgradient Expansion	72.5 – 82.2	197.0	114.8 – 124.8	Bedrock
MW-506	Downgradient Expansion	50.0 – 60.0	195.8	135.8 – 145.8	Bedrock
MW-507	Downgradient Expansion	20.0 – 220.0	174.7	-45.3 – 154.7	Bedrock (Open Borehole)
MW06-01	Downgradient Expansion	10.0 – 20.0	163.3	143.3 – 153.3	Overburden
OW-06-03	Downgradient Expansion	10.0 – 15.0	203.0	188.0 – 193.0	Overburden
OW-601A	Downgradient Expansion	88.0 – 98.0	214.9	116.9 – 126.9	Bedrock
OW-601B	Downgradient Expansion	51.0 – 61.0	214.5	153.5 – 163.5	Overburden
OW-602A	Downgradient Expansion	52.0 – 62.0	211.7	149.7 – 159.7	Bedrock
OW-603B	Downgradient Expansion	34.0 – 44.0	205.1	161.1 – 171.1	Overburden
OW-604A	Downgradient Expansion	39.0 – 49.0	195.8	146.8 – 156.8	Bedrock
OW-605A	Downgradient Expansion	60.0 – 260.0	184.7	-75.3 – 124.7	Bedrock (Open Borehole)
OW-606A	Downgradient Expansion	40.0 – 240.0	157.0	-83.0 – 117.0	Bedrock (Open Borehole)
OW-606B	Downgradient Expansion	7.0 – 12.7	162.9	150.2 – 155.9	Overburden/Bedrock
OW-607B	Downgradient Expansion	41.0 – 51.0	172.2	121.2 – 131.2	Overburden
OW-608A	Downgradient Expansion	60.0 – 260.0	196.1	-63.9 – 136.1	Bedrock (Open Borehole)
OW-608B	Downgradient Expansion	33.5 – 43.5	198.4	154.9 – 164.9	Overburden
OW-609B	Downgradient Expansion	39.0 – 49.0	209.9	160.9 – 170.9	Overburden
OW-611A	Downgradient Expansion	20.0 – 220.0	183.1	-36.9 – 163.1	Bedrock (Open Borehole)
P-04-11A	Downgradient Expansion	48.5 – 49.5	184.0	134.5 – 135.5	Overburden
P-04-11B	Downgradient Expansion	9.0 – 10.0	184.0	174.0 – 175.0	Overburden

TABLE 2-2

**2022 SURFACE WATER, STORMWATER, LEACHATE,
LEAK DETECTION, AND UNDERDRAIN MONITORING LOCATIONS**

Location Designation	Water Body Description
SW-1	Unnamed tributary of Pushaw Stream
SW-2	Unnamed tributary of Pushaw Stream
SW-3	Unnamed tributary of Pushaw Stream
SW-DP1	Stormwater Detention Pond 1
SW-DP5	Stormwater Detention Pond 5
SW-DP6	Stormwater Detention Pond 6
PWS10-1	Downgradient Stream Alluvium
PWS10-2	Downgradient Stream Alluvium
PWS10-3	Downgradient Stream Alluvium
LF-LD-11	Cell 11 Leak Detection
LF-LD-12	Cell 12 Leak Detection
LF-LD-13	Cell 13 Leak Detection
LF-LD-14	Cell 14 Leak Detection
LF-UD-1	Cell 1 underdrain at MH #5
LF-UD-2	Cell 2 underdrain at MH #5
LF-UD-3A,B	Cell 3A & Cell 3B underdrain at MH #5
LF-UD-4	Cell 4 underdrain at MH #5
LF-UD-5and6	Cell 5 & Cell 6 Underdrain (combined flow)
LF-UD-6	Cell 6 Underdrain
LF-UD-7	Cell 7 Underdrain at MH #5
LF-UD-8	Cell 8 Underdrain
LF-UD-9	Cell 9 Underdrain
LF-UD-10	Cell 10 Underdrain
LP-UD-1	Detention Pond 1A underdrain south end at MH #7
LP-UD-2	Detention Pond 1A underdrain north end at MH #7
LF-COMP	Composite sample of LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-4, and LF-UD-7 when water level in manhole covers the inlet pipes at MH #5
LP-COMP	Composite sample of LP-UD-1 and LP-UD-2 when water level in manhole covers both of the inlet pipes at MH #7
LT-C4LR	Leachate – On-site leachate storage tank

The sampling frequencies and monitoring parameters for each monitoring location are listed in Table 2-3. Monitoring parameters are discussed in Section 3.0.

TABLE 2-3

2022 SAMPLING FREQUENCY

Sample Type	Location Designation	Monitoring:			Field Parameters Monthly	
		Detection Parameters - D				
		Expansion Detection Parameters - D(E)				
		Field Parameters Only - FP				
		Spring	Summer	Fall		
Groundwater	MW-204			FP		
	MW-206	D(E)	D(E)	D(E)		
	P-206A	D(E)	D(E)	D(E)		
	MW-223A	D	D	D		
	MW-223B	D	D	D		
	MW-227	D	D	D		
	MW-301	D	D	D		
	MW-302R	D	D	D		
	MW12-303R	D	D	D		
	MW-401A	D	D	D		
	MW-401B	D	D	D		
	MW-402A	D	D	D		
	MW-402B	D	D	D		
	DP-4				FP	
	P-04-02R	D	D	D		
	P-04-04	D	D	D		
	MW04-102	D	D	D		
	MW04-105				FP	
	MW04-109R	D	D	D		
	MW-04-09A	D(E)	D(E)	D(E)		
	MW-04-09B	D(E)	D(E)	D(E)		
	MW-08-01	D(E)	D(E)	D(E)		
	MW09-901	D	D	D		
	MW-501	D(E)	D(E)	D(E)		
	MW-502	D(E)	D(E)	D(E)		
	MW-503	D(E)	D(E)	D(E)		
	MW-504	D(E)	D(E)	D(E)		
	MW-505	D(E)	D(E)	D(E)		
	MW-506	D(E)	D(E)	D(E)		
	MW-507	D(E)	D(E)	D(E)		
	MW06-01	D(E)	D(E)	D(E)		
	OW-06-03	FP	D(E)	FP		
	OW-601A	FP	D(E)	FP		
	OW-601B	FP	D(E)	FP		
	OW-602A	FP	D(E)	FP		
	OW-603B	FP	D(E)	FP		
	OW-604A	FP	D(E)	FP		
	OW-605A	FP	D(E)	FP		
	OW-606A	FP	D(E)	FP		
	OW-606B	FP	D(E)	FP		
	OW-607B	FP	D(E)	FP		
	OW-608A	FP	D(E)	FP		
OW-608B	FP	D(E)	FP			
OW-609B	FP	D(E)	FP			
OW-611A	FP	D(E)	FP			
P-04-11A	FP	D(E)	FP			
P-04-11B	FP	D(E)	FP			

TABLE 2-3 (cont'd)

Sample Type	Location Designation	Monitoring: Detection Parameters - D Expansion Detection Parameters - D(E) Field Parameters Only - FP			Field Parameters Monthly
		Spring	Summer	Fall	
Surface Water	SW-1	D	D	D	
	SW-2	D	D	D	
	SW-3	D	D	D	
Stormwater Detention Pond	SW-DP1	D	D	D	
	SW-DP5	D	D	D	
	SW-DP6	D	D	D	
Pore-Water	PWS10-1	D	D	D	
	PWS10-2	D	D	D	
	PWS10-3	D	D	D	
Leak Detection ¹	LF-LD-11		D(E)		X
	LF-LD-12		D(E)		X
	LF-LD-13		D(E)		X
	LF-LD-14		D(E)		X
Underdrains ¹	LF-UD-1	D	D	D	X
	LF-UD-2	D	D	D	X
	LF-UD-3A,B	D	D	D	X
	LF-UD-4	D	D	D	X
	LF-UD-5and6	D	D	D	X
	LF-UD-6	D	D	D	X
	LF-UD-7	D	D	D	X
	LF-UD-8	D	D	D	X
	LF-UD-9	D	D	D	X
	LF-UD-10	D	D	D	X
	LP-UD-1	D	D	D	X
	LP-UD-2	D	D	D	X
	LF-COMP	D	D	D	X
LP-COMP	D	D	D	X	
Leachate	LT-C4LR	D ²	D	D	
<p>Notes</p> <p>¹ NEWSME personnel complete monthly underdrain and leak detection monitoring.</p> <p>² Analyzed for MEDEP Rules Chapter 405 Appendix A Column 3 parameters.</p>					

During 2022, SME also performed baseline water quality monitoring at the four Cell 15 monitoring wells. Monitoring wells MW-508, P-04-07A, P-04-07B, and OW-610A were sampled for baseline parameters in October 2022. Baseline analytical monitoring for Cell 15 monitoring wells is scheduled to continue during 2023. The locations of the Cell 15 monitoring wells are shown on Figure 1-2 and they are further discussed in Sections 2.10, 3.2, and 7.5.

2.2 Groundwater Locations

Groundwater monitoring wells MW-206, P-206A, and MW12-303R are positioned upgradient of the landfill.

Groundwater monitoring wells DP-4, MW04-102, MW04-105, MW04-109R, MW-204, MW-223A, MW-223B, MW-227, MW-301, MW-401A, MW-401B, MW-402A, MW-402B, and MW09-901, P-04-02R, P-04-04 are positioned downgradient of all or part of Cells 1 through 10 of the landfill. Former monitoring well MW-302R, also positioned downgradient of the landfill, was decommissioned in August 2022 in preparation of landfill expansion Cell 15 construction.

Groundwater monitoring wells MW-04-09A, MW-04-09B, MW-08-01, MW-501, MW-502, MW-503, MW-504, MW-505, MW-506, MW-507, OW-06-01, OW-06-03, OW-601A, OW-601B, OW-602A, OW-603B, OW-604A, OW-605A, and OW-606A, OW-606B, OW-607B, OW-608A, OW-608B, OW-609B, OW-611A, P-04-11A, and P-04-11B are positioned downgradient of the landfill expansion.

2.3 Surface Water and Stormwater Locations

Surface water monitoring locations SW-1, SW-2, and SW-3 are located in the unnamed tributary to Pushaw Stream. SW-1 and SW-3 are located downstream of the landfill, while SW-2 is located upstream of the landfill. Stormwater sample monitoring locations SW-DP1, SW-DP5, and SW-DP6 are located at the discharge locations of Detention Pond 1, Detention Pond 5, and Detention Pond 6, respectively.

2.4 Pore-Water Locations

Stream-based pore-water sample locations PWS10-1, PWS10-2, and PWS10-3 are located downgradient of the landfill along the unnamed tributary to Pushaw Stream and represent water in the overburden adjacent to the stream.

2.5 Leachate Sample Location

During the 2022 sampling events, leachate samples were obtained from the on-site leachate storage tank (i.e., LT-C4LR). Leachate samples associated with compliance monitoring for off-site wastewater

treatment are also obtained at the same location. The sampling location at the leachate storage tank, LT-C4LR, is shown on Figure 1-2.

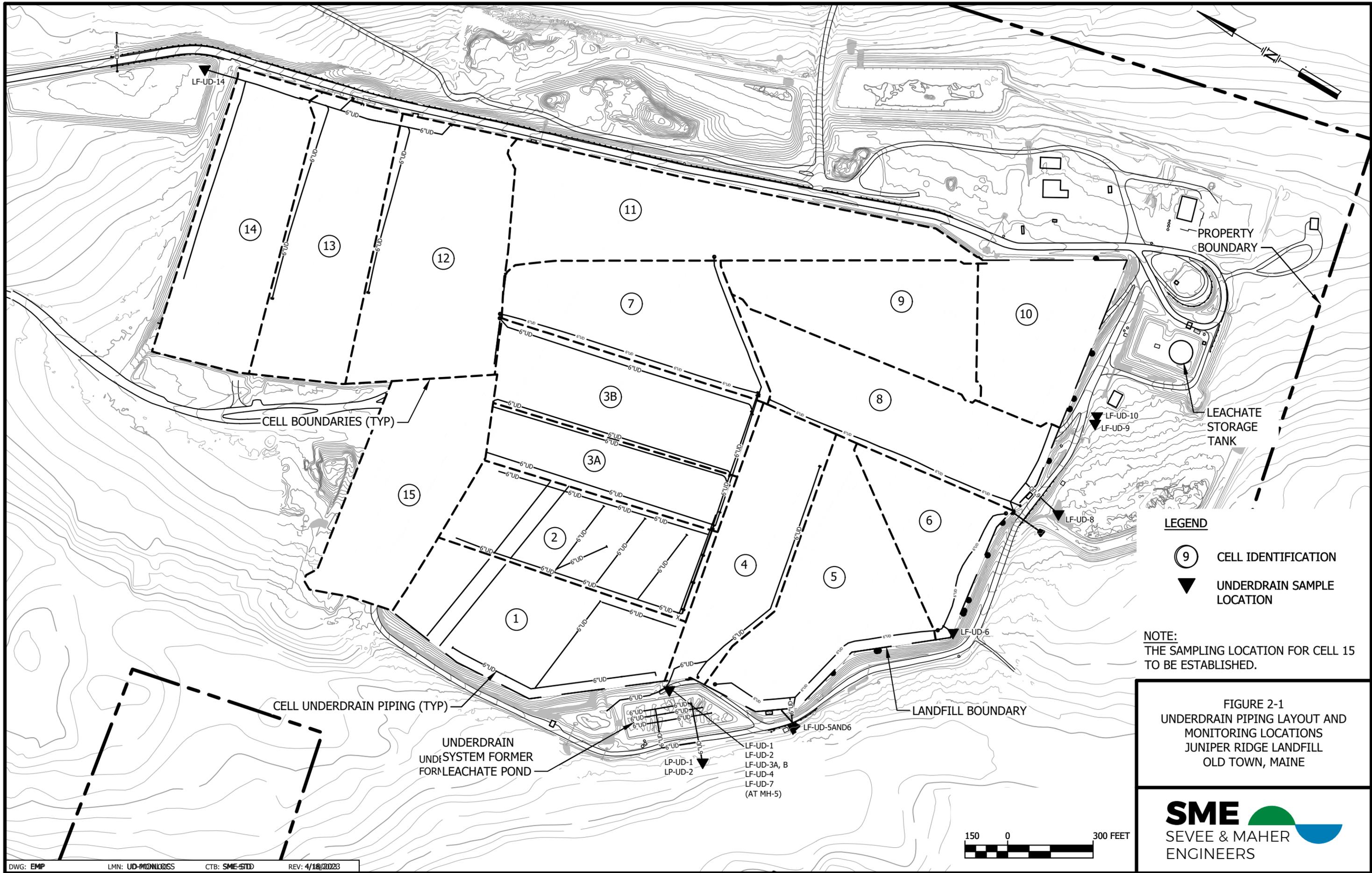
2.6 Underdrain Monitoring

The sample locations where underdrain samples were obtained in 2022 are shown on Figures 1-2 and 1-3 and a diagram of the underdrain collection system is included on Figure 2-1. By design, the sampling of the landfill underdrain system provides a means to monitor for landfill cell leakage as the underdrains underlie the landfill liner system. Manhole MH #5, located northeast of Detention Pond 1A, is the sample location which receives groundwater entering the underdrains beneath Cells 1, 2, 3A, 3B, 4, and 7. The sampling location for the underdrain for Cell 6 (LF-UD-6) is from a stilling well in the underdrain line. The base grades for Cells 5 and 6 were designed such that the Cell 5 underdrain would also accommodate flow from the Cell 6 underdrain. The combined flow from the Cells 5 and 6 underdrains then drain to a 6-inch-diameter pipe outfall located on the southern perimeter of the landfill. Beginning in June 2010, samples obtained from this 6-inch-diameter pipe outfall are now a composite sample from the Cells 5 and 6 underdrains (LF-UD-5 and 6). Prior to June 2010, samples obtained from this 6-inch-diameter outfall pipe were for the Cell 5 underdrain only (LF-UD-5).

The underdrain for Cell 8 was constructed in 2012 at a discrete location shown on Figure 2-1. LF-UD-8 was added to the monitoring program during the April 2013 sampling event as the underdrain monitoring location for Cell 8. The underdrain for Cell 9, LF-UD-9, was constructed in 2015 and was added to the monitoring program during the April 2016 sampling event. With the construction of Cell 10 in 2017, the underdrain piping and sample collection location of the underdrain for LF-UD-9, which was located in a temporary underdrain manhole adjacent to Cell 9, was extended to the south outside of the Cell 10 perimeter berm. The underdrain for Cell 10, LF-UD-10, was constructed in 2017 outside of the southern perimeter berm of Cell 10, and was added to the monitoring program during the October 2017 sampling event.

Manhole location MH #7, which is located southwest of Detention Pond 1A, is the sample location for LP-UD-1 and LP-UD-2, which monitor groundwater entering the southern and northern underdrains, respectively, of Detention Pond 1A.

Underdrain samples were obtained by SME as part of routine monitoring and analyzed for the detection monitoring parameters. Samples were also obtained monthly by NEWSME for field parameters. The underdrain sample locations LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-4, LF-UD-5, LF-UD-6, LF-UD-7, LF-UD-8, LF-UD-9, LF-UD-10, LP-UD-1, and LP-UD-2 were sampled during 2022, unless those locations were dry or their sample pipe inverts were submerged.



- LEGEND**
- ⑨ CELL IDENTIFICATION
 - ▼ UNDERDRAIN SAMPLE LOCATION

NOTE:
THE SAMPLING LOCATION FOR CELL 15 TO BE ESTABLISHED.

FIGURE 2-1
UNDERDRAIN PIPING LAYOUT AND
MONITORING LOCATIONS
JUNIPER RIDGE LANDFILL
OLD TOWN, MAINE



I:\Server\ofc\Casella\OldTownLandfill\General\SiteInfo\Acad\EMP.dwg, UD MONLOCSS FIG2-1, 4/18/2023 10:26:54 AM, bwb

Historically, during times when LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-4, and LF-UD-7 were not able to be sampled separately due to pipe invert submergence, LF-COMP has been obtained from the manhole MH #5. This sample provides a composite sample of the subject underdrain locations. Sample pipe submergence did not occur during the three 2022 detection monitoring events. LF-COMP samples were obtained from manhole MH #5 and analyzed for field parameters during each of the twelve 2022 monthly monitoring events.

Composite LP-COMP samples were not obtained during the routine monitoring events in 2022 because pipe invert submergence did not occur at individual sample locations LP-UD-1 and LP-UD-2. LP-COMP samples were obtained and analyzed for field parameters during eleven of the twelve 2022 monthly monitoring events. Field parameters were not measured at LP-COMP in August 2022 because it was dry.

2.7 Leak Detection Monitoring

Detection monitoring began in 2021 at landfill leak detection sampling locations LF-LD-11 and LF-LD-12 for the Cells 11 and 12 leak detection systems, respectively. Detection monitoring began in 2022 at landfill leak detection sampling location LF-LD-13 for the Cell 13 leak detection system. Detection monitoring for landfill leak detection sampling location LF-LD-14 for the Cell 14 leak detection system will begin in 2023. Monitoring locations LF-LD-11, LF-LD-12, LF-UD-13, and LF-UD-14 are shown on Figure 2-1.

2.8 Annual Monitoring Well Specific Conductance Measurements

Specific conductance measurements were taken in 2022 from an expanded list of monitoring wells surrounding the existing landfill operations at JRL during the October monitoring event. This specific conductance sampling has occurred since 2008 when the MEDEP made a request that these samples be obtained. Locations measured annually for specific conductance are listed in Table 2-4 and shown on Figure 2-2. The results of the 2022 and historical fall specific conductance measurements are included in Appendix C.

TABLE 2-4

2022 MONITORING WELL AND PIEZOMETER LOCATIONS
USED FOR ANNUAL SPECIFIC CONDUCTANCE MEASUREMENTS

Location Designation	
DP-4	P-04-02R
MW04-102	P-04-04
MW04-104	P-201A
MW04-105	P-201B
MW04-109R	P-201C
MW09-901	P-201D
MW12-303R	P-201E
MW-204	P-202A ¹
MW-206	P-202B ¹
MW-216BR	P-206A
MW-223A	P-209A
MW-223B	P-209B
MW-227	P-209C ²
MW-301	P-211A
MW-401A	P-211B
MW-401B	P-220A ¹
MW-402A	P-220B ¹
MW-402B	
<p>Notes:</p> <p>¹ P-202A, P-202B, P-220A, and P-220B were not monitored for specific conductance in October 2022 since the area was flooded due to a beaver dam.</p> <p>² P-209C was dry in October 2022 and specific conductance was not measured at this location.</p>	

2.9 Water Quality Landfill Gas Monitoring Program

Concurrent with the routine water quality monitoring events in 2022, site monitoring wells, underdrain locations, leachate manholes, a leak detection manhole, and JRL site property boundaries were monitored for the presence of landfill-related gases using a hand-held GEM 2000 gas meter. Figures 1-2 and 1-3 show the gas monitoring locations associated with the landfill's water quality monitoring program. The results of the 2022 and historical landfill gas monitoring are discussed in Section 8.0.

2.10 Baseline Water Quality Monitoring Wells for Cell 15

One round of baseline water quality for Cell 15 monitoring wells was completed in October 2022. Baseline monitoring locations are shown in Table 2-5. The locations of these wells are shown on Figure 1-2 and well construction details are summarized in Table 2-5.

TABLE 2-5

2022 BASELINE WATER QUALITY MONITORING WELLS FOR CELL 15

Monitoring Well	Implementation Schedule	Screen Depth Interval (feet-BGS)	Ground Surface Elevation (feet-NGVD)	Screen Interval Elevation (feet-NGVD)	Geologic Formation Screened
MW-508	Cell 15	26.0 – 36.0	189.3	153.3 – 163.3	Bedrock
OW-610A	Cell 15	26.7 – 36.7	180.4	143.7 – 153.7	Bedrock
P-04-07A	Cell 15	19.7 – 24.7	178.2	153.5 – 158.5	Bedrock
P-04-07B	Cell 15	12.0 – 13.0	177.5	164.5 – 165.5	Bedrock

3.0 MONITORING PARAMETERS

3.1 Detection Monitoring Program

Table 2-3 shows the monitoring locations where detection monitoring was performed in 2022. Sampling during 2022 was completed in general accordance with the current EMP for the JRL (revised April 2016) and the EMP for the JRL expansion (revised June 2017). The detection monitoring parameters are listed in Table 3-1. In instances where Table 2-3 shows a monitoring location is monitored for field parameters only, measurements are taken for groundwater elevation, specific conductance, dissolved oxygen, pH, temperature, turbidity, and monitoring well pumping rate or surface water flow rate.

Analysis for volatile organic compounds (VOCs) was included during the April monitoring event for multiple locations (LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-4, LF-UD-5and6, LF-UD-6, LF-UD-7, LF-UD-8, LF-UD-9, LF-UD-10, LP-UD-1, LP-UD-2, and MW-401B), provided that there was sufficient water available to sample at these locations. The leachate samples from LT-C4LR were analyzed for the same VOCs list during the April, July, and October 2022 monitoring events. The leachate location (LT-C4LR) was also analyzed for the parameters listed in Appendix A, Column 3 of the Chapter 405 MEDEP Solid Waste Regulations during the April 2022 monitoring event. The Cell 15 baseline monitoring program monitoring wells were also each monitored for VOCs in October 2022.

A supplementary addition to the 2022 monitoring program included sampling and analysis for dissolved methane at monitoring well MW-223B and pore-water sampling locations PWS10-1, PWS10-2, and PWS10-3 in April, July, and October 2022. The results of the supplementary dissolved methane monitoring are discussed in Sections 7.3 and 7.4. Dissolved methane is also included in the EMP for the JRL expansion.

TABLE 3-1

2022 DETECTION MONITORING ANALYTICAL PROGRAM

Water Quality Parameter ¹	Method	Practical Quantitation Limit (PQL) ² (mg/L)
Total Dissolved Solids	SM 2540C	10
Total Suspended Solids	SM 2540D	4.0
Arsenic (As)	SW846/6010C/3010A	0.005
Calcium (Ca)	SW846/6010C/3010A	0.3
Iron (Fe)	SW846/6010C/3010A	0.05
Magnesium (Mg)	SW846/6010C/3010A	0.3
Manganese (Mn)	SW846/6010C/3010A	0.05
Potassium (K)	SW846/6010C/3010A	0.3
Sodium (Na)	SW846/6010C/3010A	0.3
Total Organic Carbon (TOC)	SW846/9060A	1.0
Chloride (Cl)	SW846/9056A	1.0
Bromide (Br)	SW846/9056A	0.1
Sulfate (SO ₄)	SW846/9056A	2.0
Nitrate Plus Nitrite (NO ₃ -N/NO ₂ -N)	U.S.EPA 353.2	0.05
Bicarbonate (HCO ₃ -CaCO ₃) ¹⁰	SM 2320B	2.5
Volatile Organic Compounds (VOCs) ^{4,8}	U.S.EPA 8260C	0.0005 – 0.02
Total Kjeldahl Nitrogen (TKN) ⁵	4500N(ORG)/C/NH3D-11)	0.2
Total Phosphorous ⁶	U.S.EPA 365.3	0.04
Biochemical Oxygen Demand (BOD) ⁷	SM 5210B	2.0
Ammonia (NH ₃ -N) ⁹	SM 4500 NH ₃ -B/SM 4500 NH ₃ -C	0.5
Total Alkalinity ⁹	SM 2320B	1.5
Sulfide ⁹	8131 HACH	0.1
Copper (Cu) ⁹	SW846/6010C/3010A	0.003
Boron (B) ⁹	SW846/6010C/6010C	0.05
Dissolved Methane ⁹	8015BMOD/RSK-175	0.020
Field Parameters		
Groundwater Elevation	Field Measurement	NA ³
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
Surface Water Flow Rate	Field Measurement	NA
Field Observations	Visual Observations	NA
Total Alkalinity (as CaCO ₃) ⁹	Field Measurement	NA

Notes:

- ¹ In April 2022, leachate samples from LT-C4LR were analyzed for Appendix A, Column 3 parameters (from Chapter 405 MEDEP Solid Waste Regulations).
- ² At dilution factor of unity. Some PQLs may differ for surface and stormwater analysis.
- ³ NA = Not Applicable.
- ⁴ VOCs are the 47 organic constituents listed in Appendix I of 40 CFR Part 258. Diethyl ether and tetrahydrofuran were added to the list of VOCs in 2016 at the request of MEDEP. PQLs for VOCs are reported at a dilution factor of unity.
- ⁵ Monitoring wells and leachate only.
- ⁶ Surface waters, stormwater, pore-water, and underdrain only.
- ⁷ Surface waters only (excluding stormwater detention ponds and underdrains).
- ⁸ In April 2022, LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-4, LF-UD-5and6, LF-UD-6, LF-UD-7, LF-UD-8, LF-UD-9, LF-UD-10, LP-UD-1, LP-UD-2, and MW-401B were analyzed for VOC compounds, unless those locations were dry.
- ⁹ Underdrain and landfill expansion monitoring locations only.
- ¹⁰ Cells 1 through 10 monitoring locations only.

3.2 Baseline Analytical Program for Monitoring Wells for Cell 15

Baseline analytical monitoring for Cell 15 monitoring wells was performed in October 2022 at the four monitoring locations shown in Table 2-5. The results of the baseline analytical monitoring are summarized in Section 7.5. The baseline analytical monitoring program parameters are listed in Table 3-2.

TABLE 3-2
2022 BASELINE ANALYTICAL PROGRAM FOR MONITORING WELLS FOR CELL 15

Water Quality Parameter	Method	PQL ¹ (mg/L)
Total Dissolved Solids	SM 2540C	10
Total Suspended Solids	SM 2540D	4.0
Arsenic (As)	SW846/6010C/3010A	0.005
Calcium (Ca)	SW846/6010C/3010A	0.3
Boron (B)	SW846/6010C/6010C	0.05
Copper (Cu)	SW846/6010C/3010A	0.003
Iron (Fe)	SW846/6010C/3010A	0.05
Magnesium (Mg)	SW846/6010C/3010A	0.3
Manganese (Mn)	SW846/6010C/3010A	0.05
Potassium (K)	SW846/6010C/3010A	0.3
Sodium (Na)	SW846/6010C/3010A	0.3
Total Organic Carbon (TOC)	SW846/9060A	1.0
Chloride (Cl)	SW846/9056A	1.0
Bromide (Br)	SW846/9056A	0.1
Sulfate (SO ₄)	SW846/9056A	2.0
Sulfide (S ²⁻)	8131 HACH	0.1
Ammonia (NH ₃)	SM 4500 NH3-B/SM 4500 NH3-C	0.5
Nitrate Plus Nitrite (NO ₃ -N/NO ₂ -N)	U.S.EPA 353.2	0.05
Alkalinity (CaCO ₃)	SM 2320B	1.5
Volatile Organic Compounds (VOCs) ³	U.S.EPA 8260C	0.0005 – 0.02
Dissolved Methane	8015BMOD/RSK-175	0.020
Total Kjeldahl Nitrogen (TKN)	4500N(ORG)C/NH3D-11)	0.2
Total Phosphorous	U.S.EPA 365.3	0.04
Biochemical Oxygen Demand (BOD)	SM 5210B	2.0
Field Parameters		
Groundwater Elevation	Field Measurement	NA ²
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
Field Observations	Visual Observations	NA
Notes:		
¹ At dilution factor of unity. Some PQLs may differ for surface and stormwater analysis.		
² NA = Not Applicable.		
³ VOCs are the 47 organic constituents listed in Appendix I of 40 CFR Part 258 plus diethyl ether and tetrahydrofuran. PQLs for VOCs are reported at a dilution factor of unity.		

4.0 SAMPLING TECHNIQUES

4.1 Monitoring Wells

Groundwater samples from monitoring wells and piezometers are obtained utilizing the low-flow sample collection techniques in general accordance with the EMP for the JRL. The low-flow sampling program includes dedication of 1/8-inch-diameter (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 dedicated submersible pumps 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 wells at approximately 100 to 200 milliliters per minute. While the wells are purged, water levels and measurements of specific conductance, temperature, pH, Eh, dissolved oxygen, and turbidity are taken through a flow-through-cell at regular intervals. Field parameters and 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 for water level and turbidity, a sample is obtained for chemical analysis. Several of the wells have very low recharge rates and, therefore, do not stabilize even under these low purge rates. For these wells, a sample is obtained after purging the liquid present in the sampling tube and pump.

4.2 Surface Water, Stormwater, Underdrain, and Leachate Sampling Locations

Grab samples are obtained at the surface water, stormwater, underdrain, and leachate sampling locations, which is consistent with historical sampling methods and in accordance with the EMP. These samples are not filtered prior to analysis.

4.3 Pore-Water Sampling Locations

The pore-water samples are obtained in the following manner:

1. The pore-water sampling apparatus (i.e., pore-water sampler) is decontaminated with an Alconox® and deionized water solution followed by several deionized water rinses.
2. The area to be sampled is entered from an area downstream from the sample point. Caution is used not to disrupt the area where the pore-water sampler will be used.
3. The pore-water sampler is gently pushed approximately two feet into the soil surface in the sampling location area specified in the EMP. The inner rod remains inside of the pore-water

sampler as it is pushed into the soil surface in order to maintain the integrity of the pore-water sample.

4. Once the pore-water sampler is advanced approximately two feet into the soil surface, the inner rod is removed and a new, clean piece of polyethylene tubing is attached to the top of the pore-water sampler using a new, clean silicone tube coupling.
5. Water is pumped from the pore-water sampler at a rate of approximately 100 to 200 milliliters per minute with a peristaltic pump.
6. Field parameters are monitored at a regular interval until stabilization criteria are met, or until the pore-water sampler runs out of water. If the pore-water sampler runs out of water, it is allowed to recharge and samples are then obtained for laboratory analyses.
7. After sampling is complete, the pore-water sampler is removed from the soils and a labeled grade stake is installed at the sampling location that clearly identifies the location for future sample collection from the same general location.

4.4 Water Quality Landfill Gas Monitoring

Gas monitoring at the monitoring wells, underdrain locations/manholes, leak detection manhole, and JRL site property boundaries is done using a GEM 5000 gas meter manufactured by Landtec of Colton, California or similar device. Measurement of headspace gas in the monitoring wells is accomplished 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 and leak detection manhole locations are measured by placing the probe at the manhole opening where samples are obtained. The meter is calibrated daily before use. Methane-equivalent, carbon dioxide, and oxygen are reported as percent by volume. Hydrogen sulfide is reported in parts per million by volume.

4.5 Sample Handling and Chain-of-Custody

After obtaining the water quality samples in 2022, the samples were preserved on ice in coolers and shipped by SME to Maine Environmental Laboratory (MEL) of Yarmouth, Maine for analyses. Eastern Analytical, Inc. of Concord, New Hampshire, under subcontract to MEL, performed analyses for sulfide, total Kjeldahl nitrogen, nitrate plus nitrite, dissolved methane, and VOCs during 2022. Katahdin Analytical Services (Katahdin) of Scarborough, Maine, under subcontract to MEL, performed analyses for total Kjeldahl nitrogen, total dissolved solids, total suspended solids, semi-volatile organic compounds (SVOC), herbicides, pesticides, and polychlorinated biphenyls (PCBs) during 2022. 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 ASSURANCE (QA)/QUALITY CONTROL (QC)

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 the EMP procedures to ensure that both the field instruments and protocols employed generate data that are reliable and provide 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 that were analyzed outside of the required hold-times are identified in Appendix D.

Data validation and laboratory quality control procedures were followed and documented as described in the MEDEP Solid Waste Management Rules, Chapter 405. During 2022 monitoring events, 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 total dissolved solids to specific conductance, and values falling outside of historical ranges for each monitoring event were presented in each of the three data transmittals provided in 2022.

6.0 DATA ANALYSIS

Appendix D contains tables of historical water quality data collected over the past ten years, including 2022, for the sampling locations and parameters identified in this report. Water quality data for the site have been quantitatively evaluated using the methods described below and qualitatively evaluated based on the knowledge of the site hydrogeologic conditions developed from the extensive site investigations completed on-site and the status of site development and operations. Detailed discussion and evaluations of the water quality from sampling locations are presented in Section 7.0. Conclusions about site water quality are based on a combination of the quantitative and qualitative methods used to evaluate the water quality data.

6.1 Concentrations above MCL, LHA, DWA, MFCCC

Parameters measured at the site groundwater monitoring wells and pore-water sample locations that were above their respective Maine and U.S.EPA drinking water quality standards during 2022 are identified in detail in Sections 7.3 and 7.4. The Maine Center for Disease Control (MECDC) uses the U.S.EPA drinking water standards and health advisory levels for contaminants found in well water in Maine.¹¹ The health-related U.S.EPA drinking water standards and health advisory levels include:

- Maximum Contaminant Levels (MCLs);
- Life-time Health Advisory (LHA) Levels; and
- Health-Based Drinking Water Advisories (DWAs).

Parameters measured at the site surface water and stormwater monitoring locations that were above their Maine Freshwater Criterion Continuous Concentrations (MFCCCs) during 2022 are identified in detail in Section 7.4.

6.2 Key Indicator Parameters for Comparison to JRL Leachate

For each of the site monitoring locations, specific conductance, chloride, and arsenic concentrations are summarized as key indicator parameters for comparison to JRL leachate concentrations. Generally, at a given water quality monitoring location, if landfill leachate were present, there would be a notable, significant, increase in specific conductance values and chloride and arsenic concentrations (in conjunction with changes in other parameter concentrations) due to their presence at high concentrations in the JRL leachate. In 2022, the annual maximum value of specific conductance in JRL leachate (i.e.,

¹¹ United States Environmental Protection Agency, 2018. 2018 Edition of the Drinking Water Standards and Health Advisory Tables.

monitoring location LT-C4LR) was 22,260 µmhos/cm in July 2022. The annual maximum concentrations of chloride and arsenic at monitoring location LT-C4LR were 6,600 mg/L (July 2022) and 0.42 mg/L (July 2022), respectively.

Specific conductance gives an indication of the total dissolved constituents at each monitoring location. Chloride is useful in assessing the site water quality in comparison to JRL leachate due to its conservative nature in terms of adsorption, precipitation, and degradation in the groundwater environment. It is important to note that increases in chloride may also be due to runoff and recharge from salting or dust control of nearby roadways. Therefore, increases in chloride levels also need to be reviewed in terms of site conditions.

Currently, there are limited occurrences of arsenic MCL (0.01 mg/L) exceedances in site groundwater that are attributed to reducing conditions associated with decreasing groundwater recharge from site development. These reducing conditions are interpreted to favor reductive dissolution of arsenic and iron hydroxides that are present naturally in the soils and bedrock, which results in the release and mobility of dissolved arsenic in the groundwater. The highest arsenic concentration at the JRL water quality monitoring locations in 2022 (0.017 mg/L at MW-402A and MW-402B in April 2022) is more than an order-of-magnitude lower than in the JRL leachate in 2022. The historical maximum arsenic concentration in the JRL leachate is 0.6 mg/L (July 2017). If observed, occurrence of arsenic concentration increases in the JRL water quality monitoring locations, accompanied by increases in specific conductance values and chloride concentrations, may be a reliable indicator of landfill impacts resulting from the presence of JRL leachate.

Bromide was added to the monitoring program during 2013. Section 7.1 includes an evaluation of the chloride to bromide ratios for the JRL leachate during 2022 and how they compare to chloride to bromide ratios for site monitoring locations during 2022.

6.3 Data Plots and Data Summary Sheets

Water quality data for each monitoring location are summarized in the data summary sheets contained in Appendix E. The summary sheet prepared for each sampling location contains a map and description of the monitoring point, a 2022 water quality data summary, and a statistical summary of the historical data prior to 2022. Parameter concentrations that exceeded historical minimum and maximum concentration values in 2022 at site monitoring locations are identified on the individual water quality summary sheets contained in Appendix E.

Also included in Appendix E are data plots of select monitoring parameter data for each of the sampling locations. The data plots graphically provide a useful way to visually identify long-term and short-term trends in the water quality data.

6.4 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 2022 back five years and three years. The three-year and five-year timeframes are suitable for evaluating changes in water quality related to more recent conditions, and to identify ongoing longer 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 (i.e., false positive) is less than 0.05. The Mann-Kendall results for groundwater, surface water, stormwater, leachate, leak detection, and underdrain locations are provided in Appendix F and are discussed by location in Section 7.0. It should be noted that individual parameter trend analysis calculations using analytical data that are typically non-detect are at times positive for increasing or decreasing trend screenings due to changes in the laboratory reporting limit. In those cases, trends are interpreted and reported herein as no trends. This occurrence is somewhat frequent for some parameters for JRL site water quality due to generally low parameter concentrations in groundwater at the site. This condition occurred in the 2022 analyses for:

- Three- and five-year statistically significant decreasing trends for total Kjeldahl nitrogen at MW06-01, MW-301, and MW-402A;
- Three- and five-year statistically significant decreasing trends for organic carbon at LF-UD-5and6 and P-206A;
- Three-year statistically significant decreasing trends for organic carbon at LP-UD-2, MW04-102, MW06-01, MW-206, MW-223A, MW-223B, MW-227, MW-402A, MW-402B, MW-501, and MW-04-09B; and
- Five-year statistically significant decreasing trend for organic carbon at MW-507.

Although rapid increases in concentrations of multiple parameters at a monitoring location may reflect site operational impacts such as spillage of leachate or landfill liner leakage, changes in multiple parameter values at a given monitoring location can also result from changes in groundwater conditions unrelated to the landfill leachate. As an example, decreases in natural precipitation recharge to the groundwater will change redox, alkalinity, and pH conditions, which results in the release of various constituents such as iron, manganese, and arsenic from soils and bedrock into the groundwater. Nearly all chemical constituents are subject to changes in concentrations resulting from interactions between soil, rock, and groundwater.

Increases in multiple (i.e., four or more) parameters, especially when including key indicator parameters, are noted in our evaluation of the water quality in the site monitoring locations.¹² At locations where this criterion is met, further assessment of water quality data and site conditions is completed to ascertain the potential causes for the change in water quality.

The trend analyses are used as a screening tool to review the water quality and must be viewed in conjunction with other factors such as the specific parameters exhibiting trends and the parameter concentrations detected at the monitoring locations (i.e., a specific parameter could have an increasing trend, but remain within a range consistent with upgradient concentrations). The results of the trend screening analyses are compared visually with the time-series plots (data plots) described above to aid in assessing the actual significance of a statistical trend.

6.5 Stiff and Piper Diagram Construction

Stiff and Piper Diagrams were constructed for multiple monitoring locations to assist in the evaluation of water quality at these locations in 2022. These diagrams are graphical representations of select parameters that display the major ion composition of a water quality sample. They were used at several of the monitoring locations to compare the ionic composition of the water quality samples to other sample results such as upgradient locations and/or the landfill leachate to assess potential sources of water at the wells. This can be a valuable tool to compare water quality between various locations since it can be used to “fingerprint” ionic ratios, independent of concentration. See Appendix G and Appendix H for Stiff and Piper diagrams.

¹² Water temperatures, water elevations at groundwater monitoring locations, and flow rates at underdrain monitoring locations are included in the Mann-Kendall results in Appendix F but are not included in discussions related to water quality changes based on the number of parameters with increasing or decreasing trends at a given location.

7.0 WATER QUALITY EVALUATION

Groundwater, surface water, stormwater, leachate, and underdrain water quality samples were obtained in 2022 at monitoring locations as described in Sections 2.0 through 5.0 of this report. Samples were obtained during April/May, July, and October 2022. Laboratory analytical reports, field data sheets, and data validation documentation have been presented in tri-annual data submittals forwarded to the MEDEP during 2022 for each monitoring event.

The 2022 water quality data for the JRL is generally consistent with the historical data for the site. The 2022 water quality data from monitoring locations at the JRL are consistent with their setting among the construction and operational activities of the landfill. Site groundwater, surface water, and underdrain quality data do not show adverse effects from the performance of the landfill cells or leachate collection and transport systems. Water quality changes have been observed at the JRL, both upgradient and downgradient from the landfill, as evidenced by the statistically significant trends discussed in this section for multiple parameters and monitoring locations. These trends are largely attributable to landfill operations and changes in redox conditions, which occur as expected around the landfill due to the construction of the landfill (e.g., from removal of vegetation, disturbance of native soils, and the cutoff of precipitation in the landfill area), and do not indicate any significant landfill related impacts to water quality from malfunction of the landfill liners.

Arsenic is the only parameter analyzed in groundwater monitoring wells that was detected above an MCL in 2022. During 2022, arsenic concentrations were generally low at the site-wide monitoring locations. There were only four monitoring wells in the detection monitoring analytical program with arsenic concentrations detected above its MCL (0.01 mg/L) during 2022. The maximum arsenic concentration detected at site-wide monitoring locations was 0.017 mg/L at MW-402A and MW-402B in April 2022. There were no arsenic concentrations detected above its MCL at pore-water sampling locations PWS10-1, PWS10-2, and PWS10-3 in 2022. There were no arsenic MFCCC exceedances during 2022 at surface water monitoring locations SW-1, SW-2, and SW-3.

Low arsenic concentrations in 2022 are a continuation of a trend observed since 2017 of generally lower site-wide concentrations of arsenic compared to their recent previous concentrations. In contrast to 2022 arsenic data, all routine monitoring wells (19 at the time) and two of the three pore-water sampling locations had arsenic MCL exceedances during one or more sampling event in 2016.

The presence of arsenic at JRL monitoring locations in 2022, while limited, is attributed to reducing conditions associated with decreasing groundwater recharge from site development. These reducing conditions are interpreted to favor reductive dissolution of arsenic and iron hydroxides that are present naturally in the soils and bedrock, which results in the release and mobility of dissolved arsenic in the groundwater.

Observations relative to the site water quality data for 2022, in terms of historical and regulatory comparisons and site setting, are discussed below for: leachate (Section 7.1); underdrain (Section 7.2); groundwater (Section 7.3); and surface water, stormwater, and pore-water (Section 7.4) monitoring locations. Water quality parameter data not specifically discussed in this report are considered to be generally consistent with the previously obtained water quality data for the JRL. The baseline analytical monitoring results of four new monitoring locations downgradient from Cell 15 in October 2022 are discussed in Section 7.5.

7.1 Leachate

The landfill leachate is sampled and analyzed as part of the ongoing water quality monitoring program. Leachate samples were obtained from the on-site leachate storage tank (i.e., LT-C4LR) during 2022. Leachate sampling location LT-C4LR replaced the former leachate sampling location in July 2013 in order to obtain leachate samples that are representative of leachate from all of the landfill cells. The leachate at LT-C4LR was sampled for the parameters in the detection monitoring analytical program (see Table 3-1) in July 2022 and October 2022 and was sampled for the parameters listed in Appendix A, Column 3 of the Chapter 405 MEDEP Solid Waste Rules in May 2022. Leachate samples associated with compliance monitoring for off-site wastewater treatment are also obtained at the leachate storage tank when transport tanker trucks are being loaded. During 2022, approximately 18.9 million gallons of leachate were loaded into tanker trucks and transported from JRL for off-site treatment.

2022 Leachate Parameters that Fall Outside of Historical Range

Leachate parameter values during 2022 and historically since July 2013 are generally characterized by high concentrations. There were multiple parameters that were detected outside of their respective historical ranges during 2022 for LT-C4LR. The parameters with new historical maximum or minimum values at LT-C4LR in 2022 are summarized in Table 7-1.

TABLE 7-1

SUMMARY OF LT-C4LR PARAMETERS WITH NEW HISTORICAL MINIMUM OR MAXIMUM VALUES IN 2022

Parameter and Units	Date	New Historical Minimum Value	New Historical Maximum Value
Dissolved oxygen (mg/L)	5/26/2022	0.2 (0.5)	-
3,3'-Dimethylbanzeidine (µg/L)	5/26/2022	23 U (24 U)	-
Diethyl Ether (µg/L)	5/26/2022	-	16 (9.3)
Toluene (µg/L)	7/19/2022	-	74 (53)
Kepone (µg/L)	5/26/2022	23 U (24 U)	-
O-Toluidine (µg/L)	5/26/2022	23 U (24 U)	-
Parathion (µg/L)	5/26/2022	23 U (24 U)	-
Aluminum (mg/L)	5/26/2022	-	1.4 (0.72)
Cyanide (µg/L)	5/26/2022	-	430 (74)
Chromium (mg/L)	5/26/2022	-	0.21 (0.13)
Vanadium (mg/L)	5/26/2022	0.01 U (0.01)	0.21 (0.13)
<p><u>Notes:</u> Previous historical maximum and minimum values are shown in parentheses. U = not detected above indicated laboratory reporting limit</p>			

2022 Leachate Key Indicator Parameters

The specific conductance values at LT-C4LR in 2022 ranged from 18,909 µmhos/cm in May 2022 to 22,260 µmhos/cm in July 2022. Chloride concentrations at LT-C4LR in 2022 ranged from 5,700 mg/L in May and October 2022 to 6,600 mg/L in July 2022. Arsenic concentrations at LT-C4LR in 2022 ranged from 0.33 mg/L in October 2022 to 0.42 mg/L in July 2022. The 2022 data from the leachate monitoring location is included in Appendix D.

2022 Leachate Mann-Kendall Trends

There are five parameters (barium, chromium, nickel, ammonia, and total dissolved solids) for LT-C4LR with statistically significant increasing trends over the past five years. There are not multiple (i.e., four or more) parameters for LT-C4LR with statistically significant increasing trends over the past three years.

There are not multiple (i.e., four or more) parameters for LT-C4LR with statistically significant decreasing trends over the past three years or five years. Chloride at LT-C4LR has statistically significant decreasing trends over the past three years and five years.

2022 Leachate VOCs, SVOCs, Herbicides, Pesticides, and PCBs

Leachate was monitored for VOCs, SVOCs, herbicides, pesticides, and PCBs in May 2022 at LT-C4LR and for VOCs during the July 2022 and October 2022 monitoring events at LT-C4LR. Appendix D includes the monitoring results at LT-C4LR for 2022. The results of VOC, SVOC, herbicide, pesticide, and PCB

parameters at LT-C4LR detected during 2022 at levels above their respective laboratory reporting limits are summarized below:

- Acetone (260 µg/L in May 2022, 100 µg/L in July 2022, and 210 µg/L in October 2022);
- 1,2-dichloroethane (1.8 µg/L in May and July 2022 and 2.7 in October 2022);
- Methyl ethyl ketone (180 µg/L in May 2022, 92 µg/L in July 2022, and 200 µg/L in October 2022);
- Benzene (3.7 µg/L in May 2022, 3.8 µg/L in July 2022, and 4.8 µg/L in October 2022);
- 4-methyl-2-pentanone (21 µg/L in May 2022 and 12 µg/L in July 2022);
- Toluene (37 µg/L in May 2022, 74 µg/L in July 2022, and 16 µg/L in October 2022);
- Ethylbenzene (6.8 µg/L in May 2022, 7.7 µg/L in July 2022, and 8.6 µg/L in October 2022);
- m,p-xylene (9 µg/L in May 2022, 11 µg/L in July 2022, and 12 µg/L in October 2022);
- o-xylene (4.8 µg/L in May 2022, 6.3 µg/L in July 2022, and 6.2 µg/L in October 2022);
- Tetrahydrofuran (410 µg/L in May and October 2022 and 420 µg/L in July 2022);
- Cis-1,2-dichloroethene (2.2 µg/L in May 2022, 2.5 µg/L in July 2022, and 1.8 µg/L in October 2022);
- 1,4-dichlorobenzene (1.1 µg/L in October 2022);
- Diethyl ether (16 µg/L in May 2022, 14 µg/L in July 2022, and 11 µg/L in October 2022);
- Phenol (94 µg/L in May 2022);
- 2-methylphenol (11 µg/L in May 2022); and
- 3&4-methylphenol (200 µg/L in May 2022).

The July 2022 toluene detection for LT-C4LR was a new historical maximum concentration, which exceeded the previous historical maximum concentration of 53 µg/L in October 2019. The May 2022 diethyl ether detection for LT-C4LR was a new historical maximum concentration, which exceeded the previous historical maximum concentration of 9.3 µg/L in July 2021.

In contrast to leachate analytical data, there were no detections of the VOC parameters listed above in groundwater or underdrain samples obtained during 2022.

2022 Leachate Bromide Concentrations Compared to Groundwater, Underdrain, Leak Detection, Pore-Water, Surface Water, and Stormwater Bromide Concentrations

Bromide was present in the leachate (LT-C4LR) samples obtained during 2022 at concentrations ranging from 69 mg/L in May 2022 to 84 mg/L in October 2022, which are within the historical range for bromide at LT-C4LR. The chloride to bromide ratio for the leachate and site monitoring locations is being evaluated

for its potential as a useful screening tool for assessing possible leachate influence in water samples obtained from site monitoring locations. The chloride to bromide ratios for the leachate during 2022 were approximately 83 to 1 in May 2022, 88 to 1 in July 2022, and 68 to 1 in October 2022.

While the ratio of chloride to bromide can be used to differentiate a variety of bromide sources,¹³ the bromide concentrations in the JRL water quality sampling locations in 2022 were either non-detect or at low values. There were 133 bromide measurements during 2022 at 57 monitoring locations among the groundwater monitoring wells, underdrain monitoring locations, leak detection monitoring locations, pore-water monitoring locations, surface water monitoring locations, and stormwater monitoring locations. Of the 133 bromide measurements during 2022, 101 of the measurements were non-detect with a laboratory reporting limit of 0.10 mg/L and one of the measurements was non-detect with laboratory reporting limit of 0.30 mg/L.

There were 31 bromide measurements at 15 monitoring locations during 2022 among the groundwater, underdrain, leak detection, pore-water, surface water, and stormwater monitoring locations with detections above the laboratory reporting limit. Among the 31 bromide detections during 2022, the concentrations ranged from 0.10 mg/L to 0.33 mg/L with a mean concentration of 0.19 mg/L.

Bromide detections at monitoring locations during 2022 were within their respective historical ranges with the following exceptions:

- Bromide was detected above the laboratory reporting limit of 0.1 mg/L at MW06-01 in April 2022 (0.20 mg/L) for the first time since monitoring began at that location in April 2018 (bromide was not detected at MW01-06 above the laboratory reporting limit of 0.1 mg/L in July 2022 and was detected at a concentration of 0.14 mg/L in October 2022);
- Bromide exceeded the previous historical maximum concentration of 0.16 mg/L at MW-302R in April and July 2022 with a concentration of 0.23 mg/L;
- Bromide exceeded the previous historical maximum concentration of 0.25 mg/L at OW-601B in July 2022 with a concentration of 0.30 mg/L;
- Bromide exceeded the previous historical maximum concentration of 0.17 mg/L at OW-602A in July 2022 with a concentration of 0.33 mg/L;
- Bromide exceeded the previous historical maximum concentration of 0.10 mg/L at OW-604A in July 2022 with a concentration of 0.12 mg/L; and

¹³ Panno, S.V., Hackley, K.C., Hwang, H.H., Greenberg, S.E., Krapac, I.G., Landsbergger, S., and O'Kelly, D.J., 2006, Characterization and identification of Na-Cl sources in ground water. *Ground Water*. 2006 Mar-Apr; 44(2):129.

- Bromide exceeded the previous historical maximum concentration of 0.12 mg/L at OW-606A in July 2022 with a concentration of 0.13 mg/L.

The 2022 bromide detections and chloride to bromide ratios are summarized in Table 7-2. The bromide concentrations above the laboratory reporting limits during 2022 are generally within the range of naturally occurring bromide concentrations in Maine, particularly in locations such as the JRL site that were in the area of post-glacial sea submergence.¹⁴

The chloride to bromide ratios summarized in Table 7-2 for the groundwater, underdrain, and leak detection monitoring locations are broad ranging (i.e., from 17 to 1 to 277 to 1), with a median ratio of approximately 61 to 1. Only one of the 31 calculated chloride to bromide ratios fell within the same range as JRL leachate monitoring location LT-C4LR during 2022. While the chloride to bromide ratio for leachate monitoring location LT-C4LR in 2022 (averaging 79 to 1 over three monitoring events) was somewhat lower than typical (e.g., it averaged 127 to 1 over three monitoring events in 2021), the range of the chloride to bromide ratio results in 2022 for locations with bromide detections above the laboratory reporting limit at groundwater, underdrain, and leak detection locations was generally similar to those calculated for previous years.

The chloride concentrations associated with bromide detections were generally low and ranged from 1.7 mg/L at LF-LD-13 in July 2022 to 48 mg/L at MW-302R and OW-601B in July 2022. Twenty of the 31 chloride concentrations associated with bromide detections during 2022 were at concentrations of 20 mg/L or less and twelve were less than 10 mg/L.

Based on a study of 32 locations across 24 states in the United States, potable groundwater that has less than 10 mg/L chloride (which is a similar concentration range to most JRL sampling locations) had chloride to bromide ratios ranging from 43 to 1 to 285 to 1 with a median value of 101 to 1.¹⁵ These values are generally consistent with JRL leachate and for site monitoring locations where bromide was detected at low concentrations (see Table 7-2).

Unless site chloride concentrations become greater, the presence of bromide at low concentrations at some monitoring locations is currently of limited value for the chloride to bromide ratio analysis. However, this analysis is a helpful tool for future monitoring in the event that a monitoring location exhibits increasing concentrations for bromide and/or chloride and it should be maintained in the monitoring program.

¹⁴ Snow, M.S., Kahl, J.S., Norton, S.A., Olson, C., 1990. Geochemical determination of salinity sources in ground water wells in Maine. Proc., Focus Conference on Eastern Regional Ground Water Issues, Ground Water, Management No. 3, 1990, pp. 313-327.

¹⁵ Davis, S.N., Fabryka-Martin, J.T., Wolfsberg, L.E., 2004. Variations of bromide in potable groundwater in the United States. Groundwater 42 (6), 902-909.

TABLE 7-2

SUMMARY OF CHLORIDE TO BROMIDE RATIOS FOR 2022 BROMIDE DETECTIONS
ABOVE LABORATORY REPORTING LIMITS

Location Designation	Date	Chloride Concentration (mg/L)	Bromide Concentration (mg/L)	Chloride to Bromide Ratio
LT-C4LR	May 2022	5,700	69	83:1
	July 2022	6,600	75	88:1
	October 2022	5,700	84	68:1
LF-LD-13	July 2022	1.7	0.1	17:1
LF-UD-5and6	April 2022	2.5	0.12	21:1
	July 2022	2.9	0.15	19:1
	October 2022	2.1	0.11	19:1
MW04-109R	April 2022	3.7	0.15	25:1
	July 2022	5.7	0.18	32:1
	October 2022	3.3	0.13	25:1
MW06-01	April 2022	12	0.20	60:1
	October 2022	12	0.14	86:1
MW09-901	April 2022	14	0.28	50:1
	July 2022	7.8	0.28	28:1
	October 2022	6.4	0.21	30:1
MW-223A	April 2022	27	0.14	193:1
	July 2022	27	0.14	193:1
	October 2022	26	0.15	173:1
MW-223B	April 2022	32	0.16	200:1
	July 2022	33	0.16	206:1
	October 2022	30	0.16	188:1
MW-302R	April 2022	31	0.23	135:1
	July 2022	48	0.23	209:1
MW-401B	April 2022	4.5	0.18	25:1
	July 2022	4.7	0.18	26:1
	October 2022	5.3	0.18	29:1
MW-502	April 2022	17	0.16	106:1
	July 2022	17	0.26	65:1
	October 2022	15	0.31	48:1
OW-601A	July 2022	26	0.24	108:1
OW-601B	July 2022	48	0.30	160:1
OW-602A	July 2022	20	0.33	61:1
OW-604A	July 2022	11	0.12	92:1
OW-606A	July 2022	36	0.13	277:1
<p>Note: U = not detected above indicated laboratory reporting limit</p>				

7.2 Underdrains

The JRL underdrain monitoring locations for the landfill and Detention Pond 1A are listed in Table 7-3. Where there was flow during 2022 from underdrain monitoring locations, the underdrain monitoring data do not show adverse effects from the performance of the landfill cells or leachate collection and transport systems.

There was no flow at LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-6, LF-UD-7, LF-UD-8, LF-UD-9, LF-UD-10, and LP-UD-1 during any of the three 2022 monitoring events; thus, no samples were obtained at these locations during 2022. There was also no flow at LF-UD-4 during the July 2022 monitoring event. 2022 occurrences of no flow at these underdrain monitoring locations are generally consistent with previous observed patterns. The lack of flowing conditions at underdrain monitoring locations that previously flowed regularly is associated with the lowering of the groundwater table that has resulted from the construction of the landfill expansion cells (see Section 1.2).

Sample pipe submergence conditions did not occur for the LF-COMP and LP-COMP sampling locations during the three 2022 monitoring events for field parameters and the detection monitoring analytical parameters, so those locations did not require sampling.

LF-COMP and LP-COMP samples were obtained and analyzed by NEWSME for field parameters during each month of 2022 except for August at LP-COMP when there was no flow and the location was dry.

Comparison of Key Indicator Parameters at Underdrains to JRL Leachate and Summary of Statistically Significant Trend Results

The 2022 annual maximum specific conductance values and chloride and arsenic concentrations for underdrain monitoring locations are summarized in Table 7-3. The Mann-Kendall analyses results for statistically significant trends for these parameters are also provided in Table 7-3. The complete results for Mann-Kendall analyses are provided in Appendix F.

TABLE 7-3

2022 ANNUAL MAXIMUM SPECIFIC CONDUCTANCE VALUES
AND CHLORIDE AND ARSENIC CONCENTRATIONS AT
UNDERDRAIN MONITORING LOCATIONS

Location Designation	Annual Maximum Specific Conductance (22,260 µmhos/cm in JRL Leachate in July 2022)			Annual Maximum Chloride (6,600 mg/L in JRL Leachate in July 2022)			Annual Maximum Arsenic (0.42 mg/L in JRL Leachate in July 2022)		
	µmhos/cm	Statistically Significant Trend		mg/L	Statistically Significant Trend		mg/L	Statistically Significant Trend	
		3-Year	5-Year		3-Year	5-Year		3-Year	5-Year
LF-COMP	483	–	Decreasing	NS	I	I	NS	I	I
LF-UD-1	NS	I	I	NS	I	I	NS	I	I
LF-UD-2	NS	I	I	NS	I	I	NS	I	I
LF-UD-3A,B	NS	I	I	NS	I	I	NS	I	I
LF-UD-4	321	I	Decreasing	1.9	I	Decreasing	0.005 U	I	–
LF-UD-5and6	390	Increasing	Decreasing	2.9	–	–	0.005 U	–	–
LF-UD-6	NS	I	I	NS	I	I	NS	I	I
LF-UD-7	NS	I	I	NS	I	I	NS	I	I
LF-UD-8	NS	I	I	NS	I	I	NS	I	I
LF-UD-9	NS	I	I	NS	I	I	NS	I	I
LF-UD-10	NS	I	I	NS	I	I	NS	I	I
LP-COMP	336	Increasing	Decreasing	NS	I	I	NS	I	I
LP-UD-1	NS	I	I	NS	I	I	NS	I	I
LP-UD-2	350	Increasing	Decreasing	3.1	–	–	0.005 U	–	–

Notes:
 U = not detected above indicated laboratory reporting limit
 NS = not sampled in 2022
 – = no trend
 I = insufficient data

Annual maximum specific conductance values during 2022 from LF-COMP, LF-UD-4, LF-UD-5and6, LP-COMP, and LP-UD-2 ranged from 321 µmhos/cm (LF-UD-4 in April 2022) to 483 µmhos/cm (LF-COMP in June 2022) and were low relative to the JRL leachate (specific conductance values ranged from 18,909 µmhos/cm in May 2022 to 22,260 µmhos/cm in July 2022 at LT-C4LR).

Chloride concentrations at underdrain monitoring locations were measured at LF-UD-4, LF-UD-5and6, and LF-UD-2 during 2022. The 2022 chloride concentrations at these locations remained low and are not indicative of influence from the JRL leachate. The annual maximum chloride concentrations among these locations were low with an annual maximum value of 3.1 mg/L measured at LF-UD-2 in July 2022 (chloride was detected in leachate at a concentration of 6,600 mg/L at LT-C4LR in July 2022).

Arsenic was not detected above the laboratory reporting limit of 0.005 mg/L in any underdrain monitoring locations sampled during 2022 (i.e., LF-UD-4, LF-UD-5and6, and LF-UD-2).

There are insufficient data for three-year and five-year Mann-Kendall analyses at LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-6, LF-UD-7, LF-UD-8, LF-UD-9, LF-UD-10, and LP-UD-1 due to those locations being always or intermittently dry during sampling events.

For underdrain monitoring locations with sufficient data for analysis, the Mann-Kendall trend analyses for the key indicator parameters (i.e., specific conductance, chloride, and arsenic) indicate generally improving or stable water quality conditions. There are statistically significant decreasing trends for specific conductance at LF-COMP, LF-UD-4, LF-UD-5and6, LP-COMP, and LP-UD-2 over the past five years. There are also statistically significant increasing trends for specific conductance at LF-UD-5and6, LP-COMP, and LP-UD-2 over the past three years (LF-UD-4 has insufficient data for a three-year Mann-Kendall analysis for specific conductance). These results indicate some small increases for specific conductance over the past three years but an overall decrease over the past five years. Specific conductance values at underdrain monitoring locations were within their respective historical ranges with the exception of consecutive new historical minimum values at LF-UD-4 in April 2022 (321 $\mu\text{mhos/cm}$) and October 2022 (153 $\mu\text{mhos/cm}$).

There is a five-year statistically significant decreasing trend for chloride at LF-UD-4. There were no statistically significant trends for chloride over the past three years or five years at the remaining underdrain monitoring locations with sufficient data for analyses.

There were no statistically significant trends for arsenic over the past three years or five years at underdrain monitoring locations with sufficient data for analyses.

Of the underdrain monitoring locations with sufficient data for Mann-Kendall trend analyses, there were several instances of multiple (i.e., four or more) three-year and/or five-year statistically significant increasing and/or decreasing trends:

- Specific conductance, pH, chloride, and turbidity have statistically significant decreasing trends at LF-UD-4 over the past five years;
- Specific conductance, calcium, alkalinity, and turbidity have statistically significant increasing trends at LP-UD-2 over the past three years; and
- Calcium, total dissolved solids, bicarbonate, and alkalinity have statistically significant increasing trends at LP-UD-2 over the past five years.

Review of the LP-UD-2 data does not indicate influence from the JRL leachate. The 2022 annual maximum chloride concentration at LP-UD-2 was very low (3.1 mg/L in July 2022) and parameters with statistically significant increasing trends at LP-UD-2 generally have similar or marginally greater values compared with upgradient monitoring locations MW-206 and P-206A.

The complete results of the Mann-Kendall analyses are included in Appendix F.

2022 Underdrain VOCs

VOCs were analyzed at all sampled underdrain locations (both landfill and Detention Pond 1A underdrains) in April 2022. There were no VOCs detected in 2022 above laboratory reporting limits at any of the sampled underdrain locations.

7.3 Groundwater Quality

During 2022, routine water quality samples were obtained from 47 detection monitoring well locations (unless those locations were dry) at the JRL during April, July, and October 2022.¹⁶ With few exceptions, historical water quality data from groundwater monitoring locations at the JRL are consistent with their setting, the groundwater flow conditions at the monitoring locations, and normal construction and operational activities of the landfill. Site groundwater data do not show adverse effects from the performance of the landfill cells or leachate collection and transport systems. The 2022 water quality data remain consistent with these interpretations.

Comparison of Key Indicator Parameters at Groundwater Monitoring Locations to JRL Leachate and Summary of Statistically Significant Trend Results

A summary of site-wide groundwater quality in 2022 at the JRL is provided in Table 7-4. The table contains a comparison of 2022 values of key indicator parameters (i.e., specific conductance, chloride, and arsenic) from leachate monitoring location LT-C4LR to the site's 47 groundwater monitoring locations and current statistically significant trends of the key indicator parameters. The table also includes a summary of locations identified with statistically significant trends for multiple (i.e., four or more) parameters. The complete results of the Mann-Kendall trend analyses are provided in Appendix F. The groundwater monitoring locations shown in Table 7-4 are listed in order of 2022 annual maximum specific conductance values from high to low.

¹⁶ See footnotes 4 through 9 from Section 2.1.

TABLE 7-4

2022 ANNUAL MAXIMUM SPECIFIC CONDUCTANCE VALUES
AND CHLORIDE AND ARSENIC CONCENTRATIONS AT
GROUNDWATER MONITORING LOCATIONS

Location Designation	Position Relative to Landfill	Material Screened	Annual Maximum Specific Conductance (22,260 µmhos/cm in JRL Leachate in July 2022)			Annual Maximum Chloride (6,600 mg/L in JRL Leachate in July 2022)			Annual Maximum Arsenic (0.42 mg/L in JRL Leachate in July 2022)			Multiple Parameters with Decreasing Trends ¹		Multiple Parameters with Increasing Trends ¹	
			µmhos/cm	Statistically Significant Trend		mg/L	Statistically Significant Trend		mg/L	Statistically Significant Trend		3-Year	5-Year	3-Year	5-Year
				3-Year	5-Year		3-Year	5-Year		3-Year	5-Year				
OW-06-03 ²	Downgradient Expansion	Overburden	758	–	–	NS (Dry)	I ³	I ³	NS (Dry)	I ³	I ³	No ³	No ³	No ³	No ³
MW-223A	Downgradient	Bedrock	578	–	–	27	Decreasing	Decreasing	0.005 U	–	–	Yes (4)	Yes (4)	Yes (5)	Yes (4)
MW-506	Downgradient Expansion	Bedrock	551	I	I	14	I	I	0.0094	I	I	I	I	I	I
MW-223B	Downgradient	Overburden	487	–	–	33	Decreasing	Decreasing	0.005 U	–	–	No	Yes (4)	No	Yes (8)
MW-302R	Downgradient	Bedrock	471	–	–	48	–	–	0.005 U	–	–	No	No	Yes (4)	Yes (7)
OW-601A	Downgradient Expansion	Bedrock	426	Increasing	Increasing	26	I ³	–	0.005 U	I ³	–	No ³	No	No ³	Yes (8)
OW-611A	Downgradient Expansion	Bedrock (Open Borehole)	416	I	–	44	I	Increasing	0.005 U	I	–	I	No	I	No
MW12-303R	Upgradient	Overburden	401	–	–	35	–	–	0.005 U	–	–	No	No	No	No
OW-601B	Downgradient Expansion	Overburden	391	–	–	48	I ³	–	0.005 U	I ³	–	No ³	No	No ³	No
MW04-109R	Downgradient	Overburden	370	Decreasing	Decreasing	5.7	–	–	0.005 U	–	–	Yes (4)	Yes (8)	No	No
MW-502	Downgradient Expansion	Bedrock	351	–	I	17	–	I	0.005 U	–	I	No	I	Yes (6)	I
MW09-901	Downgradient	Overburden	348	–	Decreasing	14	–	–	0.005 U	–	–	No	Yes (8)	No	No
OW-609B	Downgradient Expansion	Overburden	334	I	I	23	I	I	0.0077	I	I	I	I	I	I
OW-602A	Downgradient Expansion	Bedrock	328	Increasing	Increasing	20	I ³	–	0.005 U	I ³	–	No ³	No	No ³	Yes (5)
MW-507	Downgradient Expansion	Bedrock (Open Borehole)	324	I	–	37	I	–	0.005 U	I	–	I	No	I	No
MW-206	Upgradient	Overburden	323	Increasing	–	2.5	–	Increasing	0.0055	–	Decreasing	No	Yes (6)	No	No
MW-204	Downgradient	Overburden	323	–	–	NS	I ³	I ³	NS	I ³	I ³	Not Assessed			
MW04-105	Downgradient	Overburden	316	–	–	NS	I ³	I ³	NS	I ³	I ³	Not Assessed			
MW-04-09A	Downgradient Expansion	Bedrock	306	–	I	4.8	–	I	0.005 U	Decreasing	I	No	I	No	I
OW-606A	Downgradient Expansion	Bedrock (Open Borehole)	296	I	Decreasing	36	I	–	0.005 U	I	–	I	No	I	No
OW-606B	Downgradient Expansion	Overburden/Bedrock	291	I	I	14	I	I	0.005 U	I	I	I	I	I	I
MW-401B	Downgradient	Overburden	290	–	–	5.3	–	Decreasing	0.005 U	Decreasing	Decreasing	No	Yes (5)	No	No
OW-604A	Downgradient Expansion	Bedrock	280	Increasing	Increasing	11	I ³	Increasing	0.005 U	I ³	–	No ³	No	No ³	Yes (8)
P-04-02R	Downgradient	Overburden	274	Decreasing	Decreasing	1.5	Decreasing	Decreasing	0.005 U	Decreasing	Decreasing	Yes (8)	Yes (10)	No	No
OW-608B	Downgradient Expansion	Overburden	264	I	I	2.0	I	I	0.0067	I	I	I	I	I	I
P-206A	Upgradient	Bedrock	263	–	–	21	–	–	0.005 U	–	Decreasing	No	Yes (7)	No	Yes (5)
DP-4	Downgradient	Overburden	248	–	–	NS	I ³	I ³	NS	I ³	I ³	Not Assessed			
MW-08-01	Downgradient Expansion	Bedrock	243	I	I	7.3	I	I	0.005 U	I	I	I	I	I	I
MW-301	Downgradient	Bedrock	242	–	–	22	–	–	0.005 U	–	–	No	No	No	No
MW-505	Downgradient Expansion	Bedrock	242	I	I	6.0	I	I	0.0052	I	I	I	I	I	I
OW-605A	Downgradient Expansion	Bedrock (Open Borehole)	237	I	–	13	I	–	0.005 U	I	–	I	No	I	No
MW-501	Downgradient Expansion	Bedrock	231	–	–	14	–	Increasing	0.005 U	–	–	No	No	No	Yes (4)
MW-503	Downgradient Expansion	Bedrock	224	I	I	11	I	I	0.005 U	I	I	I	I	I	I
MW04-102	Downgradient	Overburden	210	–	Decreasing	1.2	–	–	0.005 U	–	–	No	No	No	No
OW-608A	Downgradient Expansion	Bedrock (Open Borehole)	196	I	–	1.9	I	–	0.005 U	I	–	I	No	I	No
P-04-04	Downgradient	Overburden	194	Increasing	–	11	Increasing	Increasing	0.005	–	–	No	No	Yes (4)	Yes (4)
MW-227	Downgradient	Overburden	178	–	Decreasing	1.3	–	–	0.011	Decreasing	Decreasing	No	Yes (4)	No	Yes (4)
MW06-01	Downgradient Expansion	Overburden	162	Increasing	Increasing	13	Increasing	Increasing	0.005 U	–	–	No	No	Yes (7)	Yes (8)
OW-607B	Downgradient Expansion	Overburden	161	I	I	1.3	I	I	0.005 U	I	I	I	I	I	I
MW-402B	Downgradient	Overburden	158	–	Decreasing	2.0	–	Decreasing	0.017	–	–	No	Yes (4)	No	No
MW-04-09B	Downgradient Expansion	Overburden	139	–	I	4.4	Increasing	I	0.005 U	–	I	No	I	No	I
MW-401A	Downgradient	Bedrock	134	Increasing	–	21	Increasing	Increasing	0.005 U	–	–	No	No	No	Yes (5)
P-04-11A	Downgradient Expansion	Overburden	117	I	I	2.3	I	I	0.011	I	I	I	I	I	I

TABLE 7-4 (cont'd)

Location Designation	Position Relative to Landfill	Material Screened	Annual Maximum Specific Conductance (22,260 µmhos/cm in JRL Leachate in July 2022)			Annual Maximum Chloride (6,600 mg/L in JRL Leachate in July 2022)			Annual Maximum Arsenic (0.42 mg/L in JRL Leachate in July 2022)			Multiple Parameters with Decreasing Trends ¹		Multiple Parameters with Increasing Trends ¹	
			µmhos/cm	Statistically Significant Trend		mg/L	Statistically Significant Trend		mg/L	Statistically Significant Trend		3-Year	5-Year	3-Year	5-Year
				3-Year	5-Year		3-Year	5-Year		3-Year	5-Year				
MW-402A	Downgradient	Bedrock	113	–	Decreasing	2.0	–	Increasing	0.017	Decreasing	Decreasing	No	Yes (4)	No	No
MW-504	Downgradient Expansion	Bedrock	106	I	I	1.2	I	I	0.005 U	I	I	I	I	I	I
P-04-11B	Downgradient Expansion	Overburden	54	I	I	8.9	I	I	0.005 U	I	I	I	I	I	I
OW-603B	Downgradient Expansion	Overburden	NS (Dry)	I	I	NS (Dry)	I	I	NS (Dry)	I	I	I	I	I	I

Notes:

- Number of parameters with trends shown in parenthesis for analyses with four or more trends. Locations monitored for field parameters only (i.e., DP-4, MW04-105, MW-204) are not assessed for multiple (i.e., four or more) parameters.
- Locations shown with non-bold text have water quality that: (1) does not indicate influence from landfill leachate; and (2) shows limited influence from landfill construction operations. Locations shown with bold text currently have more pronounced water quality changes that are largely attributable to changes in redox conditions related to construction of the landfill and/or landfill operations, and do not indicate significant landfill related impacts to water quality from malfunction of landfill liners. Section 7.3 includes extended discussions for the locations shown with bold text.
- Insufficient data for detection monitoring parameters (i.e., trends available for field parameters only).

U = not detected above indicated laboratory reporting limit
 NS = not sampled in 2022
 – = no trend
 I = insufficient data

Arsenic concentrations site-wide are generally low and did not exceed the MCL of 0.01 mg/L at 38 of the 42 monitoring locations where arsenic was sampled in 2022. At the four groundwater monitoring locations where arsenic did exceed the MCL (MW-227, MW-402A, MW-402B, and P-04-11A), arsenic concentrations were only detected as high as 0.017 mg/L (at MW-402A and MW-402B in April 2022). The noted exceedances did not occur in conjunction with elevated chloride concentrations (see Table 7-4).

Based on review of Table 7-4 and a visual review of plotted 2022 and historical data, SME has identified 31 of the 47 site-wide groundwater monitoring locations with water quality that: (1) do not indicate influence from landfill leachate; and (2) currently show limited influence from landfill construction operations. These 31 groundwater monitoring locations are identified in Table 7-4 as the locations with non-bold text. The 2022 annual maximum specific conductance values at these wells range from 54 $\mu\text{mhos/cm}$ to 370 $\mu\text{mhos/cm}$. The 2022 annual maximum chloride concentrations at these monitoring locations were very low and ranged from 1.2 mg/L to 17 mg/L. These wells also generally exhibit limited to no statistically significant increasing trends. For these reasons, extended discussion on these wells is not warranted at this time.

More pronounced water quality changes have been observed at multiple groundwater monitoring locations, both upgradient and downgradient from the landfill. These changes are evidenced at some monitoring locations by statistically significant trends, as summarized in Table 7-4, for multiple parameters. These trends are largely attributable to landfill operations and changes in redox conditions, which occur as expected around the landfill due to the construction of the landfill (e.g., from removal of vegetation, disturbance of native soils, and the cutoff of precipitation in the landfill area), and do not indicate any significant landfill related impacts to water quality from malfunction of the landfill liners.

SME has identified 16 of the site monitoring locations that currently warrant additional discussions. These monitoring locations, shown by bold text in Table 7-4, are: (1) upgradient monitoring locations MW12-303R and P-206A; (2) downgradient monitoring locations MW-223A, MW223B, MW-301, MW-302R, and MW-401A; and (3) OW-06-03, OW-601A, OW-602A, OW-601B, OW-606A, OW-609B, OW-611A, MW-506, and MW-507, which are downgradient from the landfill expansion. Groundwater quality at these monitoring locations is discussed below.

Extended Discussion on JRL Groundwater Quality

Upgradient Monitoring Locations MW12-303R and P-206A: Groundwater monitoring locations MW12-303R and P-206A are categorized as upgradient from the JRL; however, as the east side of the JRL (i.e., the upslope edge) is situated along the crest of a northwest-southeast trending drumlin, these upgradient monitoring locations are not fully hydraulically isolated from the landfill and operations outside of the area of landfill construction (see interpreted phreatic surface and groundwater potentiometric surface maps in Appendix B).

P-206A is a bedrock piezometer located southeast from the landfill and outside of the area of landfill construction. P-206A was added to the monitoring program during the July 2013 sampling event to provide an additional upgradient bedrock monitoring location. Review of the water quality data at P-206A shows that there were increases for several parameters over the past several years; however, the groundwater quality at P-206A is still characterized by low parameter concentrations. The Mann-Kendall analyses indicate that there are statistically significant increasing trends for seven parameters at P-206A for the past five years (dissolved oxygen, calcium, magnesium, total dissolved solids, sulfate, bicarbonate, and nitrate plus nitrite). There was only one parameter, magnesium, with a statistically significant increasing trend over the past three years, which indicates some stabilization of water quality at P-206A over that period. The 2022 annual maximum values for parameters identified with current or recent increasing trends are:

- Dissolved oxygen (3.9 µmhos/cm in October 2022);
- Calcium (27 mg/L in October 2022);
- Magnesium (8.6 mg/L in July 2022);
- Total dissolved solids (158 mg/L in July 2022);
- Sulfate (4.6 mg/L in July 2022);
- Bicarbonate (87 mg/L in October 2022); and
- Nitrate plus nitrite (0.33 mg/L in April 2022).

While these parameters have exhibited increases over the past several years, their 2022 values remain relatively low and consistent with expectations in their site setting (i.e., consistent with groundwater upgradient from the landfill but in the area of the landfill facility). Specific conductance values and chloride concentrations are currently stable at P-206A with no statistically significant increasing or decreasing trends over the past three years or five years. The annual maximum specific conductance value at P-206A was 263 in July 2022. The annual maximum chloride concentration at P-206A during 2022 was 21 mg/L (July and October 2022). There were no MCL, LHA, or DWA exceedances for parameters analyzed at P-206A during 2022.

There were new historical maximum values detected for calcium, magnesium, total dissolved solids, and alkalinity at P-206A during 2022. There were new historical minimum values detected for iron, total Kjeldahl nitrogen, and organic carbon.

The Mann-Kendall analyses indicate that there are statistically significant decreasing trends for five parameters (pH, arsenic, iron, manganese, and sodium) at P-206A for the past five years.

Since groundwater quality at P-206A is still characterized by low parameter concentrations and the increasing water quality trends appear to be subsiding, SME does not interpret the current water quality at P-206A as related to the performance of landfill cells or leachate collection and transport systems. Monitoring location P-206A is located proximate to the looped road that accesses the JRL leachate storage tank. SME recommends that on-site snow removal and winter roadway maintenance practices minimize stockpiling of snow around this well.

MW12-303R is located in an area that historically has been influenced by roadway maintenance and runoff and from site construction activities. Water quality at MW12-303R was generally consistent with that at upgradient well MW-206, from when MW12-303R was first sampled in 2012 until between 2015 and 2016. Since that time, multiple water quality parameters at MW12-303R have increased. Visual inspection of the area surrounding the well in 2018 showed the well was located in a topographic depression and that it is located near the beginning of the access road to Cell 10, which began receiving waste in October 2017. It is likely that stormwater runoff from the vicinity of the access road had contributed to the water quality changes at MW12-303R. It was also determined that plowed snow was piled in the area surrounding MW12-303R during the winter of 2018 and during previous years. In early summer of 2018, the access roadway and the area surrounding MW12-303R were regraded to divert stormwater runoff away from the well and the well was purged.

In general, the recent water quality parameter value increases observed at MW12-303R appear to be stabilizing or improving. Assessments of conditions and site activities in the vicinity of MW12-303R have been reported in recent annual water quality reports and resulted in improvements including access roadway regrading and snow handling procedures. While there were seven parameters identified with statistically significant increasing trends for data from 2013 through 2017, including specific conductance and chloride, there were no water quality parameters for the past three years or five years with statistically significant increasing trends. There are not statistically significant decreasing trends for multiple parameters (i.e., four or more) over the past three years or five years at MW12-303R. There are statistically significant decreasing trends for groundwater elevation at MW12-303R over the past five years, which suggests a reduction of infiltration of water in the area of MW12-303R over the past several years.

There were no parameters at MW12-303R that were outside of historical range during 2022.

Specific conductance, chloride, and arsenic values at MW12-303R have declined substantially since they were reported at historical maximum values between 2016 and 2018, which are shown in Table 7-5.

TABLE 7-5

SUMMARY OF 2022 KEY INDICATOR PARAMETER VALUES AT MW12-303R

Parameter	October 2012 Value	Historical Maximum Value	2022 Range of Values
Specific Conductance (µmhos/cm)	189	1,711 (April 2018)	277 (April 2022) to 401 (October 2022)
Chloride (mg/L)	4.9	220 (April 2018)	12 (July 2022) to 35 (April 2022)
Arsenic (mg/L)	0.005 U	0.036 mg/L (July 2016)	0.005 U (April, July, October 2022)
Note: U = not detected above indicated laboratory reporting limit			

Sodium exceeded its DWA of 20 mg/L at MW12-303R in April 2022 (22 mg/L) and October 2022 (22mg/L). There were no other parameters analyzed at MW12-303R with MCL, LHA, or DWA exceedances in 2022.

Stiff and Piper diagrams were plotted using spring 2022 data for upgradient monitoring wells MW12-303R and P-206A, as well as for upgradient monitoring location MW-206 and leachate monitoring location LT-C4LR; diagrams are provided in Appendix G. These diagrams show similar ionic ratios among the upgradient monitoring wells in April 2022 and a clear distinction from the chemical signature of the leachate from LT-C4LR in May 2022 (see Appendix G).

SME does not interpret the recent water quality trends at MW12-303R and P-206A as related to the performance of landfill cells or leachate collection and transport systems. This is supported by the current values and trends of key indicator parameters at the landfill underdrain monitoring locations (see Section 7.2) and leak detection monitoring locations (see Section 7.6).

Downgradient Monitoring Locations MW-223A, MW-223B, and MW-302R: Groundwater monitoring wells MW-223A and MW223B monitor the bedrock and overburden groundwater, respectively, hydraulically downgradient and northwest of the JRL. Former bedrock groundwater monitoring location MW-302R was located northwest from the JRL but was decommissioned in August 2022 due to the construction of Cell 15. Monitoring well MW-302R was located directly adjacent to one of the site’s former stormwater ponds, Detention Pond 5, which was also removed for the construction of Cell 15. Monitoring well MW-302R was sampled in April and July during 2022.

In previous years’ site water quality evaluations, SME has specifically addressed former monitoring well MW-302R and monitoring wells MW-223A and MW-223B, located along the northwest perimeter of the

landfill, and potential site activities responsible for the water quality in these wells.^{17,18} Additional insight into the water quality changes at these wells was discussed in the 2016 through 2020 site water quality evaluations, with the sampling of the former Scale House Well and former Office Well during those years. The evaluations determined that similarities existed among the former Scale House Well, the former Office Well, former monitoring well MW-302R, and MW-223A and MW-223B, and showed that they are distinct from the chemical signature of the leachate from LT-C4LR. The similarities in water quality in these wells are consistent with the known hydrogeology in this area of the site, which indicate a preferential groundwater flow direction exists from northeast to southwest from the vicinity of the former Scale House toward former monitoring well MW-302R and monitoring wells MW-223A, and MW-223B.¹⁹ This suggests that water quality in former monitoring well MW-302R and monitoring wells MW-223A and MW-223B may in part be associated with upgradient water quality in the vicinity of the former Office Well and former Scale House Well in addition to the sources previously identified. A former topsoil and stump stockpile area and a subsurface wastewater disposal field which is no longer in use were also located along this preferential groundwater flow direction.

Table 7-6 summarizes the 2022 annual maximum water quality parameter results for eight parameters at former monitoring well MW-302R and monitoring wells MW-223A and MW-223B that are elevated with respect to upgradient groundwater quality. Arsenic concentrations at former monitoring well MW-302R and MW-223A and MW-223B were not elevated with respect to upgradient groundwater quality but arsenic is included in Table 7-6 since it is a key indicator parameter for comparison to JRL leachate.

¹⁷ SME, April 2015. 2014 Annual Water Quality Report, Juniper Ridge Landfill, prepared for NEWSME Landfill Operations LLC.

¹⁸ SME, April 2016, 2015 Annual Water Quality Report, Juniper Ridge Landfill, prepared for NEWSME Landfill Operations LLC.

¹⁹ SME, May 13, 2016, Letter to MEDEP regarding Juniper Ridge Landfill Expansion Application, MEDEP #S-020700WD-BI-N, follow-up to Department Staff's responses to the March 4, 2016 submittal on Staff's review comments as presented in the Department's April 5, 2016 letter (Attachment SME-D3, Figures U-14B- Bedrock Amended and Figure U-14B- Till Amended).

TABLE 7-6

SUMMARY OF 2022 ANNUAL MAXIMUM WATER QUALITY PARAMETER VALUES AT MW-302R, MW-223A, AND MW-223B

Parameter	MW-302R	MW-223A	MW-223B	Upgradient Comparison (MW-206)
Specific Conductance (µmhos/cm)	471	578	487	323
Arsenic (mg/L)	0.005 U	0.005 U	0.005 U	0.0055
Calcium (mg/L)	67	120	80	20
Magnesium (mg/L)	6.2	12	18	5.6
Sodium (mg/L)	24	6.6	6.3	5.9
Total Dissolved Solids (mg/L)	319	460	350	101
Sulfate (mg/L)	30	19	17	2.0 U
Bicarbonate (mg/L)	150	270	210	72 ¹
Chloride (mg/L)	48	27	33	2.5
<p>Note: ¹ Value shown is for alkalinity. Bicarbonate is not monitored at MW-206. U – not detected above the indicated laboratory reporting limit</p>				

Piper and Stiff diagrams were plotted using April 2022 data for former monitoring well MW-302R, MW-223A, MW-223B, upgradient monitoring well MW-206, and the leachate sampled at LT-C4LR. The Piper and Stiff diagrams for these locations, which are provided in Appendix G, show similar chemical signatures among former monitoring well MW-302R and existing locations MW-223A, MW-223B, and MW-206, and a clear distinction from the chemical signature of the leachate from LT-C4LR.

The water quality at former monitoring well MW-302R was characterized by a relatively large seasonal variation in parameter values, including groundwater levels. The groundwater levels were influenced by stormwater levels in former Detention Pond 5. There was typically a correlation between low groundwater level elevations and low dissolved oxygen concentrations, when former monitoring well MW-302R was less influenced by stormwater from former Detention Pond 5, and higher values for multiple parameters (see data plots in Appendix E). During these periods, the higher parameter concentrations at former monitoring well MW-302R were more characteristic of past upgradient water quality at the former Scale House Well and former Office Well.

There were no monitored parameters analyzed at former monitoring well MW-302R with new historical maximum values in 2022. There were three parameters at former monitoring well MW-302R with new historical minimum values, including Eh (211 mV in July 2022), dissolved oxygen (0.6 mg/L in July 2022), and total Kjeldahl nitrogen (less than the laboratory detection limit of 0.2 mg/L in April and July 2022). There are statistically significant increasing trends at former monitoring well MW-302R for four parameters (calcium, potassium, bicarbonate, and nitrate plus nitrite) over the past three years and seven parameters (calcium, magnesium, potassium, total dissolved solids, bicarbonate, bromide, and nitrate plus nitrite) over the past five years. There are not statistically significant decreasing trends at former

monitoring well MW-302R for multiple parameters (i.e., four or more) over the past three years or five years.

Visual review of water quality trends at MW-223A and MW-223B show distinct increases in parameter concentrations since about 2005 or later. There are statistically significant increasing trends at MW-223A for five parameters (calcium, magnesium, total Kjeldahl nitrogen, bicarbonate, and nitrate plus nitrite) over the past three years and four parameters (calcium, magnesium, total dissolved solids, and bicarbonate) over the past five years. There are statistically significant decreasing trends at MW-223A for four parameters (pH, Eh, dissolved oxygen, and chloride) over the past three years.

There are statistically significant increasing trends at MW-223B for eight parameters (calcium, iron, magnesium, potassium, total dissolved solids, sulfate, bicarbonate, and bromide) over the past five years. There are statistically significant decreasing trends for four parameters (pH, Eh, dissolved oxygen, and chloride) at MW-223B over the past five years. Previously increasing concentrations of chloride have generally been decreasing over the past five years at MW-223A and MW-223B, which is supported by statistically significant decreasing trends for chloride over the past three years and five years at both locations.

There were five groundwater quality parameters detected at new historical maximum values at MW-223A in 2022: calcium (120 mg/L in October 2022), magnesium (12 mg/L in April, July, and October 2022), potassium (1.9 mg/L in April 2022), total dissolved solids (460 mg/L in October 2022), and bicarbonate (270 mg/L in July 2022). There were four groundwater quality parameters detected at new historical maximum values at MW-223B in 2022: calcium (80 mg/L in October 2022), magnesium (18 mg/L in July and October 2022), total dissolved solids (350 mg/L in October 2022), and bicarbonate (210 mg/L in October 2022).

There were no MCL, LHA, or DWA exceedances of analyzed parameters at MW-223A and MW-223B in 2022. Sodium exceeded its LHA of 20 mg/L at former monitoring well MW-302R in July 2022 (24 mg/L). Sodium had previously exceeded its LHA at former monitoring well MW-302R. There were no other MCL, LHA, or DWA exceedances of analyzed parameters at former monitoring well MW-302R in 2022.

We do not interpret recent water quality and noted trends at MW-223A, MW-223B, and former monitoring well MW-302R as related to the performance of landfill cells or leachate collection and transport systems. This is supported by the current values and trends of key indicator parameters at the landfill underdrain monitoring locations (see Section 7.2) and leak detection monitoring locations (see Section 7.6).

Downgradient location MW-301 and MW-401A: Monitoring wells MW-301 and MW-401A are deep bedrock monitoring wells (screened between 162.7 and 182.7 feet below ground surface and between

98.8 and 108.8 feet below ground surface, respectively) located downgradient from the landfill in proximity of the Detention Pond 1A. The groundwater quality at MW-301 and MW-401A is consistent with their setting as monitoring locations downgradient from the landfill. There are no current concerns with water quality results at these well locations related to the performance of landfill cells or leachate collection and transport systems.

There were no parameters analyzed at MW-301 and MW-401A that exceeded MCL, LHA, or DWA standards in 2022. Parameter concentrations at MW-301 remained relatively low during 2022 and the Mann-Kendall analyses indicate that there were not multiple parameters (i.e., four or more) at MW-301 with statistically significant increasing or decreasing trends over the past three years or five years. The specific conductance values at MW-301 ranged from 219 $\mu\text{mhos/cm}$ to 242 $\mu\text{mhos/cm}$ during 2022, remaining generally consistent with those at upgradient monitoring location MW-206, which has a historical maximum value of 323 $\mu\text{mhos/cm}$ (October 2022). Chloride concentrations at MW-301 increased relatively sharply between about 2013 through 2019 but have remained stable from 2019 through 2021. The historical maximum chloride concentration of 26 mg/L was detected in October 2019 and matched in April 2021. For comparison, the 2013 chloride concentrations at MW-301 were 2.3 mg/L (July 2013) and 3.1 mg/L (October 2013). During 2022, chloride concentrations trended down with concentrations of 21 mg/L in April 2022, 22 mg/L in July 2022, and 8.5 mg/L in October 2022.

Parameter concentrations at MW-401A also remained relatively low during 2022. The Mann-Kendall analyses indicate that there were five parameters (calcium, magnesium, total dissolved solids, bicarbonate, and chloride) at MW-401A with statistically significant increasing trends over the past five years. The specific conductance values at MW-401A ranged from 128 $\mu\text{mhos/cm}$ in April 2022 to 134 $\mu\text{mhos/cm}$ in October 2022, remaining lower than those at upgradient monitoring location MW-206, which has a historical maximum value of 323 $\mu\text{mhos/cm}$ (October 2022). Chloride concentrations at MW-401A had been steadily increasing since about 2019 and then increased sharply from July 2022 (8.1 mg/L) to a new historical maximum value in October 2022 (21 mg/L). For comparison, the chloride concentrations at MW-401A averaged 2.6 mg/L from 2013 through 2018.

As previously reported (reference), MW-301 was damaged prior to April 2013. Following 2013 repairs to the well, groundwater elevations rose approximately 4 feet, and multiple parameters have been observed to increase. There were new historical maximum concentrations at MW-301 during 2022 for potassium (1.7 mg/L in April 2022) and sodium (15 mg/L in April 2022) and a new historical minimum concentration for sulfate (3.9 mg/L in October 2022). There were new historical maximum concentrations at MW-401A during 2022 for calcium (21 in April 2022), magnesium (5.4 mg/L in April 2022), potassium (1.8 mg/L in April 2022), sulfate (16 mg/L in October 2022), and chloride (21 mg/L in October 2022) and a new historical minimum concentration for total Kjeldahl nitrogen (less than the laboratory reporting limit of 0.2 mg/L in October 2022).

Despite the noted increasing trends for multiple parameters at MW-401A, the parameter concentrations remain low and specific conductance values remain similar to those at upgradient monitoring location MW-206.

Landfill Expansion downgradient locations OW-06-03, OW-601A, OW-601B, OW-602A, OW-606A, OW-609B, OW-611A, MW-506, and MW-507: Monitoring locations OW-06-03, OW-601A, OW-601B, and OW-602A are located east of the landfill expansion and downgradient from Cell 11. Monitoring location 606A is located east of the landfill expansion and downgradient from Cell 12. Monitoring locations OW-609A, OW-611A, MW-506, and MW-507 are located west of and downgradient from the landfill expansion. Baseline groundwater quality was monitored at these locations between 2018 and 2021. Detection monitoring began at OW-06-03, OW-601A, OW-601B, and OW-602A in 2019, at OW-606A, OW-611A, and MW-507 in 2021, and at OW-609B and MW-506 in 2022.

In general, multiple parameters at many of the landfill expansion monitoring locations have exhibited greater values than at upgradient monitoring well MW-206. The greater parameter values are likely caused by the ground disturbance associated with the landfill expansion cells that have been constructed to date. Additionally, monitoring locations OW-06-03, OW-601A, OW-601B, OW-602A, and OW-606A are located in close proximity to the landfill access road and may be influenced by winter road salting. Leak detection monitoring for landfill expansion Cells 11 through 14 indicate that the cells are performing as designed, as discussed in Section 7.6. Chloride concentrations at leak detection monitoring locations for Cells 11 through 13 in 2022 ranged from 1.7 mg/L to 3.2 mg/L and were very low compared to JRL leachate (6,600 mg/L at LT-C4LR in July 2022). Parameter concentrations at the subject landfill expansion downgradient monitoring locations are expected to decrease and stabilize with additional time following the construction of the landfill expansion cells.

The chloride concentrations at monitoring location MW-506 were low during 2022, decreasing from 14 mg/L in April 2022 to 7.1 mg/L in 2022. The chloride concentrations at MW-506 have generally decreased since it was first monitored in February 2021 with a chloride concentration of 57 mg/L. There was insufficient water quantity for sampling OW-06-03 in 2022; chloride concentrations were low at OW-06-03 when it was monitored in April 2018 (1.6 mg/L) and July 2021 (6.3 mg/L). The annual maximum chloride concentrations during 2022 at MW-507 (37 mg/L in July and October 2022), OW-601A (26 mg/L in July 2022), OW-601B (48 mg/L in July 2022), OW-602A (20 mg/L in July 2022), OW-606A (36 mg/L in July 2022), OW-609B (23 mg/L in July 2022), and OW-611A (44 mg/L in July 2022) are somewhat greater than at monitoring locations upgradient from the JRL.

The annual maximum specific conductance value of 758 $\mu\text{mhos/cm}$ at OW-06-03 in October 2022 has decreased from its historical maximum value of 1,035 $\mu\text{mhos/cm}$ in October 2021, but remains notably greater than at upgradient monitoring locations MW-206 and P-206A. As noted above, the chloride concentrations at OW-06-03 have remained low.

The annual maximum specific conductance value during 2022 at MW-506 (551 $\mu\text{mhos/cm}$) also is greater than at upgradient monitoring locations MW-206 and P-206A, but specific conductance values have steadily decreased at MW-506 since it was first sampled in February 2021 (837 $\mu\text{mhos/cm}$).

Annual maximum specific conductance values at MW-507 (324 $\mu\text{mhos/cm}$ in October 2022), OW-601A (426 $\mu\text{mhos/cm}$ in October 2022), OW-601B (391 $\mu\text{mhos/cm}$ in October 2022), OW-602A (328 $\mu\text{mhos/cm}$ in October 2022), OW-606A (296 $\mu\text{mhos/cm}$ in April 2022), OW-609B (334 $\mu\text{mhos/cm}$ in July 2022), and OW-611A (416 $\mu\text{mhos/cm}$ in July 2022) were similar to or moderately greater than at upgradient monitoring locations MW-206 and P-206A.

Arsenic was not detected above the laboratory reporting limit of 0.005 mg/L at MW-507, OW-601A, OW-601B, OW-602A, OW-606A, and OW-611A during 2022 monitoring. Arsenic was detected at a concentration below its MCL of 0.01 mg/L at OW-609B in July 2022 (0.0077 mg/L). The annual maximum arsenic detection at MW-506 during 2022 (0.0094 mg/L in July 2022) was below its MCL of 0.01 mg/L.

There is insufficient groundwater quality data for performing Mann-Kendall trend analyses at MW-506 and OW-609B over the past three years and five years and for MW-507, OW-606A, and OW-611A over the past three years. There was only sufficient data for performing Mann-Kendall trend analyses for field parameters at OW-06-03 over the past three years and five years and OW-601A, OW-601B, and OW-602A over the past three years. The results for the Mann-Kendall analyses for OW-06-03, OW-601A, OW-601B, OW-602A, OW-606A, OW-611A, and MW-507 are discuss, as follows:

- There were not multiple parameters (i.e., four or more) at OW-06-03 and OW-601B with statistically significant increasing or decreasing trends over the past three years and five years (as noted above, the three-year analyses include field parameters only);
- There were not multiple parameters (i.e., four or more) at MW-507, OW-606A, and OW-611A with statistically significant increasing or decreasing trends over the past five years;
- There are statistically significant increasing trends for eight parameters (specific conductance, magnesium, potassium, sodium, total dissolved solids, sulfate, alkalinity, and nitrate plus nitrite) OW-601A over the past five years; and
- There are statistically significant increasing trends for five parameters (specific conductance, magnesium, sodium, total dissolved solids, and alkalinity) OW-602A over the past five years.

There were no MCL, LHA, or DWA exceedances for parameters analyzed at OW-601B, OW-602A, OW-606A, OW-611A, and MW-507 during 2022. The MCL, LHA, and DWA exceedances for parameters monitored for at MW-506, OW-601A, and OW-609B are shown in Table 7-7.

TABLE 7-7

2022 MCL, LHA, AND DWA EXCEEDANCES AT GROUNDWATER MONITORING LOCATIONS

Location Designation	Sulfate (mg/L) (500 mg/L DWA)	Ammonia (mg/L) (30 mg/L LHA)	Boron (mg/L) (6 mg/L LHA)	Sodium (mg/L) (20 mg/L DWA)	Manganese (mg/L) (0.3 mg/L LHA)	Copper (mg/L) (1.3 mg/L MCL)	Arsenic (mg/L) (0.01mg/L MCL)
MW-04-09A	–	–	–	37 (April 2022) 32 (July 2022) 30 (October 2022)	–	–	–
MW04-109R	–	NS	NS	–	0.83 (July 2022) 1.1 (October 2022)	NS	–
MW-08-01	–	–	–	32 (April 2022)	–	–	–
MW-227	–	NS	NS	–	–	NS	0.011 (July 2022)
MW12-303R	–	NS	NS	22 (April 2022) 22 (October 2022)	–	NS	–
MW-302R	–	NS	NS	24 (July 2022)	–	NS	–
MW-402A	–	NS	NS	–	–	NS	0.017 (April 2022) 0.013 (July 2022) 0.014 (October 2022)
MW-402B	–	NS	NS	–	–	NS	0.017 (April 2022) 0.016 (October 2022)
MW-504	–	–	–	–	0.89 (October 2022)	–	–
MW-505	–	–	–	33 (April 2022) 22 (July 2022) 21 (October 2022)	–	–	–
MW-506	–	–	–	100 (April 2022) 83 (July 2022) 79 (October 2022)	0.49 (April 2022) 0.39 (July 2022) 0.32 (October 2022)	–	–
OW-601A	–	–	–	21 (July 2022)	–	–	–
OW-608B	–	–	–	28 (July 2022)	–	–	–
OW-609B	–	–	–	42 (July 2022)	–	–	–
P-04-02R	–	NS	NS	42 (April 2022) 39 (July 2022) 27 (October 2022)	–	NS	–
P-04-11A	–	–	–	–	–	–	0.011 (April 2022)

Notes:

Nitrate plus nitrite samples for 2022 groundwater monitoring locations were all less than the MCL for nitrate of 10 mg/L. There were four instances in 2022 where the nitrate plus nitrite concentrations were greater than the MCL for nitrite of 1.0 mg/L and, while unlikely, it cannot be verified that nitrite was below its MCL of 1.0 mg/L at those locations at those times (1.3 mg/L at MW-08-01 in October 2022, 1.2 mg/L at MW-302R in April 2022, 1.1 mg/L at MW12-303R in October 2022, and 4.0 mg/L at OW-604A in July 2022).

NS = not sampled
– = no exceedance

Stiff diagrams were plotted using July 2022 data for landfill expansion downgradient monitoring wells OW-601A, OW-601B, OW-602A, OW-606A, OW-609B, OW-611A, MW-506, and MW-507, which are provided in Appendix H. These Stiff diagrams generally show similar chemical distinctions to each other

and to those of upgradient monitoring wells MW-206A, P-206A, and MW12-303R in April 2022 and a clear distinction from the chemical signature of the leachate from LT-C4LR in May 2022 (see Appendix G).

VOCs at JRL Groundwater Monitoring Well Locations

VOCs were analyzed at MW-401B in April 2022; no VOCs were detected above the laboratory reporting limits.²⁰

MCL, LHA, and DWA Exceedances at JRL Groundwater Monitoring Well Locations

Parameters detected at concentrations that were above MCLs, LHAs, or DWAs at groundwater detection monitoring locations in 2022 are identified in Table 7-7.²¹

With the exception of the manganese LHA exceedance in 2022 at MW-504, which has only been sampled since 2021, each of the MCL, LHA, and DWA exceedances listed in Table 7-7 have occurred at their respective locations in the past. The occurrence of arsenic MCL exceedances in groundwater is largely attributable to reducing conditions associated with landfill operations and decreasing groundwater recharge from site development. They are not interpreted to be related to landfill liner system performance.

Dissolved Methane

Samples were obtained for dissolved methane analyses at monitoring wells MW-08-01, MW-206, MW-223B, MW-501, MW-502, MW-503, MW-505, MW-506, MW-507, MW-04-09A, and MW-04-09B during the April, July, and October 2022 monitoring rounds. Samples were obtained for dissolved methane analyses at P-04-11A in April and July 2022, P-04-11B in April 2022, and MW-504 in April and October 2022. Samples were obtained for dissolved methane analyses at MW06-01, OW-601A, MW-601B, OW-602A, OW-604A, OW-605A, OW-606A, OW-606B, OW-607B, OW-608A, OW-608B, OW-609B, OW-611A, P-206A in July 2022. With the exceptions of MW06-01 and OW-605A, dissolved methane was not detected above the laboratory reporting limit of 20 µg/L at these wells during 2022.

Dissolved methane was detected at a concentration of 62 µg/L at MW06-01 in July 2022, and detected at a concentration of 430 µg/L at OW-605A in July 2022.

7.4 Surface Water, Stormwater, and Pore-Water

Surface water at the site was monitored in 2022 at three locations on the southwest side of the landfill along an unnamed tributary to Pushaw Stream (SW-1, SW-2, and SW-3). Stormwater was monitored at

²⁰ See Section 7.5 for VOC analyses completed for 2022 baseline monitoring.

²¹ See Section 7.5 for MCL, LHA, and DWA exceedances for 2022 baseline monitoring locations.

three stormwater detention ponds (SW-DP1, SW-DP5, and SW-DP6) during 2022. Additionally, three pore-water sampling locations were monitored in 2022 at PWS10-1, PWS10-2, and PWS10-3, which are located along the landfill side of the bank of the unnamed tributary to Pushaw Stream. The surface water, stormwater, and pore-water monitoring locations were each sampled in April, July, and October 2022 with the exception of SW-DP5, which was only sampled in April 2022. Stormwater monitoring location SW-DP5 monitors stormwater Detention Pond 5, which was removed in mid-October as part of Cell 15 site preparation construction.

Comparison of Key Indicator Parameters at Surface Water, Stormwater, and Pore-Water Monitoring Locations to JRL Leachate and Summary of Statistically Significant Trend Results

The 2022 annual maximum specific conductance values and chloride and arsenic concentrations for the JRL surface water, stormwater, and pore-water monitoring locations are summarized in Table 7-8. The Mann-Kendall analyses results for statistically significant trends for these parameters are also provided in Table 7-8. The complete results for Mann-Kendall analyses are provided in Appendix F.

TABLE 7-8

2022 ANNUAL MAXIMUM SPECIFIC CONDUCTANCE VALUES AND CHLORIDE AND ARSENIC CONCENTRATIONS AT SURFACE WATER, STORMWATER, AND PORE-WATER MONITORING LOCATIONS

Location Designation	Annual Maximum Specific Conductance (22,260 µmhos/cm in JRL Leachate in July 2022)			Annual Maximum Chloride (6,600 mg/L in JRL Leachate in July 2022)			Annual Maximum Arsenic (0.42 mg/L in JRL Leachate in July 2022)		
	µmhos/cm	Statistically Significant Trend		mg/L	Statistically Significant Trend		mg/L	Statistically Significant Trend	
		3-Year	5-Year		3-Year	5-Year		3-Year	5-Year
SW-1	192	–	–	9.9	–	–	0.005 U	–	–
SW-2	73	–	–	12	–	–	0.005 U	–	–
SW-3	109	–	–	18	–	–	0.005 U	–	–
SW-DP1	176	–	–	7.2	–	–	0.005	–	–
SW-DP5	195	–	–	16	–	–	0.005 U	–	–
SW-DP6	44	–	Decreasing	1.9	–	Decreasing	0.005 U	–	–
PWS10-1	226	–	–	10	Decreasing	–	0.010 U	–	–
PWS10-2	94	–	Decreasing	13	–	–	0.005 U	–	–
PWS10-3	112	–	–	5.7	–	–	0.005 U	–	–

Notes:
 U = not detected above indicated laboratory reporting limit
 – = no trend

The 2022 surface water, stormwater, and pore-water monitoring location data are generally characterized by low values of key indicator parameters by comparison to the JRL leachate (i.e., LT-C4LR). This is consistent with historical data at these locations. The arsenic concentrations at the surface water, stormwater, and pore-water monitoring locations during 2022 were within their respective historical ranges and all were not detected at or above their reporting limits with the exception of one detection at the laboratory reporting limit of 0.005 mg/L at SW-DP1 in July 2022. The specific conductance values and

chloride concentrations at the surface water, stormwater, and pore-water monitoring locations were all within their respective historical ranges with the exception of one new historical minimum value for specific conductance at SW-DP6 in April 2022 (36 µmhos/cm).

The Mann-Kendall trends summarized in Table 7-8 indicate stable or decreasing values for specific conductance and chloride and stable values for arsenic at surface water, stormwater, and pore-water monitoring locations over the past three to five years.

Further description of the JRL surface water, stormwater, and pore-water sampling locations and notable observations from their 2022 water quality data are provided below.

Surface Water Monitoring Locations: Along the unnamed tributary to Pushaw Stream, surface water quality at SW-1, SW-2, and SW-3 has been very consistent since sampling began at these locations in the early 1990s. All surface water quality parameters measured during 2022 were within their respective historical ranges with the exception of one new historical maximum value of 12 mg/L of sodium in July 2022 at SW-3. Parameter concentrations during the 2022 sampling events at downstream locations SW-1 and SW-3 were generally similar to or marginally greater than those measured at SW-2, which is located upstream from the landfill. Parameters analyzed at SW-1 and SW-3, located downstream from the landfill, remain at relatively low values that do not indicate influence from landfill leachate.

The iron concentrations exceeded the MFCCC standard of 1 mg/L during the July 2022 monitoring event at SW-1 (5.0 mg/L) and SW-3 (1.8 mg/L) and in October 2022 at SW-1 (2.5 mg/L). MFCCC exceedances for iron have occurred historically at these locations. Iron concentrations were below the MFCCC standard at SW-1, SW-2, and SW-3 in April 2022, at SW-2 in July 2022, and at SW-2 and SW-3 in October 2022. There were no other MFCCC exceedances at SW-1, SW-2, and SW-3 for parameters analyzed during 2022.

There were not multiple parameters (i.e., four or more) with statistically significant increasing or decreasing trends at SW-1, SW-2, and SW-3 over the past three years and five years.

Stormwater Monitoring Locations: Samples from SW-DP1 are obtained from a stormwater detention pond at the downstream western edge of the JRL site. Samples from former monitoring location SW-DP5 were obtained from an outfall on the west side of former Detention Pond 5. Samples from SW-DP6 are obtained from a stormwater detention pond sampling location at the southern end of the site.

The historical range of parameter concentrations at SW-DP1 have generally been low since sampling began at this location in 2004 and have not indicated influences from landfill leachate or landfill operations. As discussed in previous years' evaluations (i.e., for 2020 and 2021 monitoring data), the April 2020 monitoring data indicated a spike in many parameter values at SW-DP1 attributed to an overboard discharge that occurred from the active landfill in the vicinity of SW-DP1 prior to sample collection in April

2020. The MEDEP was notified of the discharge and residual material was removed by NEWSME. Table 7-9 provides a summary of stormwater quality for several parameters from April 2020 in comparison to the previous monitoring event (i.e., October 2019) and to values detected at the end of 2022 monitoring in October.

**TABLE 7-9
SUMMARY OF RECENT STORMWATER QUALITY CHANGES AT SW-DP1**

Parameter	October 2019	April 2020	October 2022
Specific Conductance (µmhos/cm)	106	439	150
Calcium (mg/L)	15	24	27
Potassium (mg/L)	2.1	12	26
Total Dissolved Solids (mg/L)	84	251	110
Sodium (mg/L)	1.6	27	2.5
Chloride (mg/L)	2.2	79	2.9
Bromide (mg/L)	0.10 U	1.1	0.10 U
<u>Notes:</u> U – not detected above the indicated laboratory reporting limit			

As shown in Table 7-9, most of the parameters observed to have been impacted from the overboard discharge during the April 2020 monitoring have returned to values similar to those prior to the overboard discharge.

Stormwater quality monitoring location SW-DP5 at former stormwater Detention Pond 5 began in April 2013. The April 2022 water quality from SW-DP5 generally included low parameter values that do not indicate influences from landfill leachate or landfill operations. There were new historical maximum values for magnesium (2.6 mg/L), potassium (3.5 mg/L), sodium (9.7 mg/L), total dissolved solids (155 mg/L), and sulfate (46 mg/L) in April 2022 at SW-DP5. The most notable of these parameter values is sulfate, which, by contrast, has a greater concentration compared to surface water at upgradient surface water monitoring location SW-2 (2.0 mg/L in April 2022). The April 2022 magnesium, potassium, sodium, and total dissolved solids concentrations at SW-DP5 were similar to or marginally greater than those at SW-2 in April 2022. The key indicator parameter values for comparison to JRL leachate remain low at SW-DP5 (see Table 7-8).

Stormwater quality monitoring at SW-DP6 began in October 2009. The stormwater quality at SW-DP6 during 2022 is characterized by continued low parameter concentrations that do not indicate influences from landfill leachate or landfill operations. Only one monitored parameter at SW-DP6, total phosphorus at a concentration of 0.15 mg/L, had a new historical maximum value during 2022. There were three parameters at DW-DP6 with new historical minimum values detected during 2022 (specific conductance, calcium, and dissolved oxygen). The key indicator parameter values for SW-DP6 remain very low in comparison to JRL leachate (see Table 7-8).

The iron concentrations at SW-DP1 and SW-DP6 exceeded the MFCCC standard of 1 mg/L during one or more of the 2022 monitoring events. The exceedances are summarized below:

- SW-DP1 – 1.1 mg/L iron in April 2022 and 1.8 mg/L iron in July 2022; and
- SW-DP6 – 2.3 mg/L iron in July 2022 and 2.1 mg/L iron in October 2022.

MFCCC exceedances for iron have occurred historically at these locations. There were no other MFCCC exceedances at SW-DP1, SW-DP5, and SW-DP6 for parameters analyzed during 2022.

There were not multiple parameters (i.e., four or more) with statistically significant increasing trends at SW-DP5 and SW-DP6 over the past three years and five years. There were nine parameters (calcium, iron, magnesium, manganese, potassium, sodium, total dissolved solids, total suspended solids, and sulfate) with statistically significant increasing trends over the past five years at SW-DP1. With the exception of sulfate, which had a new historical maximum value in July 2022 (44 mg/L), all water quality monitoring parameters were within their respective historical ranges. There were six parameters (specific conductance, Eh, calcium, sodium, sulfate, and chloride) with statistically significant decreasing trends over the past five years at SW-DP1.

Pore-Water Monitoring Locations: Pore-water sample locations PWS10-1, PWS10-2, and PWS10-3, which are located along the landfill side of the bank of the unnamed tributary to Pushaw Stream, have been sampled since 2010. These sampling locations are intended to be representative of groundwater quality as it discharges to the stream. Due to their local hydrologic setting (i.e., shallow fluctuating water table with high natural organic matter associated with the wetland and stream), they are characterized by iron and total organic carbon concentrations that are typically greater than in groundwater from other areas of the site. Groundwater quality has been generally consistent at all three pore-water sampling locations since sampling began at these locations in 2010 and does not indicate influences from landfill leachate or landfill operations.

While visual review of the 2022 and historical pore-water quality data indicates generally stable water quality, there are one or more parameter concentrations at PWS10-1, PWS10-2, and PWS10-3 that were outside of the range of historical minimum and maximum values for these monitoring locations in 2022. These occurrences are identified on the individual water quality summary sheets contained in Appendix E.

There were not multiple parameters (i.e., four or more) at PWS10-1 with statistically significant decreasing or increasing trends over the past three years and five years. There were four parameters (specific conductance, pH, Eh, and nitrate plus nitrite) with statistically significant decreasing trends over the past

five years at PWS10-2. There were five parameters (calcium, iron, magnesium, manganese, and bicarbonate) at PWS10-3 with statistically significant increasing trends over the past five years.

The pore-water samples were analyzed for dissolved methane during the April, July, and October 2022 monitoring events, as recommended by the MEDEP. The dissolved methane concentrations for pore-water samples in 2022 are provided in Table 7-10.

TABLE 7-10

2022 DISSOLVED METHANE CONCENTRATIONS AT PORE-WATER MONITORING LOCATIONS

Location Designation	April 2022 (µg/L)	July 2022 (µg/L)	October 2022 (µg/L)
PWS10-1	1,100	2,200	240
PWS10-2	20 U	4,800	92
PWS10-3	20 U	1,300	250
<u>Notes:</u> U – not detected above the indicated laboratory reporting limit			

The 2022 dissolved methane concentrations are lower than the historical maximum concentrations detected at PWS10-1 (4,600 µg/L in July 2015) and PWS10-3 (4,000 µg/L in July 2020). The 2022 dissolved methane concentration at PWS10-2 exceeded its previous historical maximum concentration of 690 µg/L in July 2015; however, the new historical maximum concentration of dissolved methane at PWS10-2 in 2022 is generally consistent with those at PWS10-1 and PWS10-2. The historical dissolved methane detections at these locations are consistent with their hydrologic setting in a freshwater wetland and are attributed to anaerobic biological processes in the saturated wetland soils. Studies of freshwater wetlands in the southeastern portion of the United States show wetland pore-water samples with dissolved methane concentrations of more than 20,000 µg/L in the top 25 centimeters of saturated soils²². The lower dissolved methane concentrations at JRL wetlands are likely attributed to the cooler climate in the northeastern portion of the United States, which limits anaerobic biological activity. The dissolved methane results for 2022 indicate substantially greater concentrations during the summer monitoring event when warmer temperatures facilitate increased anaerobic biological processes in the saturated wetland soils.

While the pore-water sampling locations are grouped with surface water and stormwater monitoring locations, the samples are obtained from soil and the sampling results from these locations are compared to MCL, LHA, and DWA standards for groundwater. There were no MCL or DWA exceedances during 2022 at the pore-water monitoring locations for the parameters analyzed. The LHA exceedances for parameters analyzed during 2022 at the pore-water monitoring locations are summarized as follows:

²² Schipper LA, Reddy KR (1994) Methane production and emissions from four reclaimed and pristine wetlands of southeastern U.S. *Soil Science Society of America Journal* 58, 1270-1275.

- Manganese was above its LHA of 0.3 mg/L in 2022 at PWS10-1 (2.0 mg/L in April 2022, 0.35 mg/L in July 2022, and 1.3 mg/L in October 2022);
- Manganese was above its LHA of 0.3 mg/L in 2022 at PWS10-2 (0.32 mg/L in October 2022); and
- Manganese was above its LHA of 0.3 mg/L in 2022 at PWS10-3 (0.58 mg/L in July 2022).

7.5 Baseline Water Quality Monitoring Wells for Cell 15

During 2022, SME performed the first of four rounds of baseline water quality monitoring at four Cell 15 monitoring wells. Monitoring wells MW-508, P-04-07A, P-04-07B, and OW-610A were sampled for baseline parameters in October 2022. The locations of the Cell 15 monitoring wells are shown on Figure 1-2 and well construction details are summarized in Table 2-5. These locations were analyzed for the baseline monitoring parameters listed in Table 3-2.

The baseline water quality monitoring data results for the first round of the Cell 15 monitoring wells were submitted to MEDEP in 2022.²³ The results are summarized below.

- The October 2022 specific conductance values and chloride and arsenic concentrations at the baseline water quality monitoring wells for Cell 15 are shown in Table 7-11.

TABLE 7-11

**OCTOBER 2022 SPECIFIC CONDUCTANCE VALUES
AND CHLORIDE AND ARSENIC CONCENTRATIONS AT
BASELINE WATER QUALITY MONITORING WELLS FOR CELL 15**

Monitoring Well	Specific Conductance (µmhos/cm)	Chloride (mg/L)	Arsenic (mg/L)	Implementation Schedule
MW-508	334	29	0.005 U	Cell 15
OW-610A	410	25	0.005 U	Cell 15
P-04-07A	280	27	0.005 U	Cell 15
P-04-07B	476	59	0.005 U	Cell 15
<u>Notes:</u> U – not detected above the indicated laboratory reporting limit				

- There were no MCL, LHA, and/or DWA exceedances from Cell 15 baseline water quality monitoring wells MW-508 and P-04-07A for parameters analyzed with detection. Table 7-12 presents a summary of the MCL, LHA, and/or DWA exceedances from the remaining Cell 15 baseline water quality monitoring wells during 2022.

²³ SME, 2022. Letter from SME to MEDEP with subject: *Juniper Ridge Landfill, October 2022 Water Quality Data Results*, dated November 28, 2022.

TABLE 7-12

OCTOBER 2022 MCL, LHA, AND DWA EXCEEDANCES AT BASELINE
GROUNDWATER MONITORING LOCATIONS P-04-07B AND OW-610A

Location Designation	Sulfate (mg/L) (500 mg/L DWA)	Ammonia (mg/L) (30 mg/L LHA)	Boron (mg/L) (6 mg/L LHA)	Sodium (mg/L) (20 mg/L DWA)	Manganese (mg/L) (0.3 mg/L LHA)	Copper (mg/L) (1.3 mg/L MCL)	Arsenic (mg/L) (0.02 mg/L MCL)
P-04-07B	–	–	–	27	–	–	–
OW-610A	–	–	–	–	2.7	–	–

Notes:

- Nitrate plus nitrite samples for October 2022 baseline groundwater monitoring locations were all less than the MCL for nitrate of 10 mg/L and the MCL for nitrite of 1.0 mg/L.

NS = not sampled
– = no exceedance

- Groundwater samples from the Cell 15 baseline groundwater quality monitoring wells were analyzed for VOCs during the October 2022 baseline monitoring round; no VOCs were above laboratory reporting limits.
- Groundwater samples from the Cell 15 baseline groundwater quality monitoring wells were analyzed for dissolved methane during the October 2022 baseline monitoring round. There were no dissolved methane detections above the laboratory reporting limit of 20 µg/L at monitoring wells MW-508, P-04-07A, and P-04-07B. Dissolved methane was detected at a concentration of 250 µg/L at OW-610A.

Baseline analytical monitoring for Cell 15 monitoring wells is scheduled to continue during 2023.

7.6 Leak Detection System

The approved permitted landfill expansion liner system for Cell 11 through Cell 17 includes leak detection layers under the primary liner systems. The 2015 Liner Action Plan (LAP) describes the methods to monitor the performance of the primary liner system of Cell 11 through Cell 17 and outlines response actions should action levels be exceeded in the leak detection layer. The LAP uses a calculated Leak Detection System Action Level (LDSAL) to determine the need for additional actions. The LDSAL formula is based on the flow measured in the leak detection layer and the specific conductance measured in the leachate and leak detection layers. The LDSAL is compared to the leak detection specific conductance that is measured each month. If the LDSAL is equal to or greater than the leak detection specific conductance, no further action is needed. The Cell 11, Cell 12, and Cell 13 leak detection systems were monitored throughout 2022

in accordance with the LAP and there were no LDSAL exceedances. Monitoring for the Cell 14 leak detection system began in July 2022 in accordance with the LAP and there were no LDSAL exceedances.

Detection monitoring began in 2021 at landfill leak detection sampling locations LF-LD-11 and LF-LD-12 for the Cell 11 and Cell 12 leak detection systems, respectively. Detection monitoring began in 2022 at landfill leak detection sampling location LF-LD-13 for the Cell 13 leak detection system. Detection monitoring for landfill leak detection sampling location LF-LD-14 for the Cell 14 leak detection system will begin in 2023. The LF-LD-11, LF-LD-12, LF-LD-13, and LF-LD-14 monitoring locations are shown on Figure 2-1. The samples are collected from the leak detection sample sump which is accessible from the pump stations. Leak detection monitoring was conducted during the July 2022 monitoring event for parameters in the detection monitoring program. A summary of the 2022 leak detection annual maximum values for key indicator parameters for comparison to the JRL leachate is provided in Table 7-13.

TABLE 7-13

**2022 ANNUAL MAXIMUM SPECIFIC CONDUCTANCE VALUES
AND CHLORIDE AND ARSENIC CONCENTRATIONS AT
LEAK DETECTION MONITORING LOCATIONS**

Leak Detection Monitoring Location	Annual Maximum Specific Conductance (22,260 µmhos/cm in JRL Leachate in July 2022)	Annual Maximum Chloride (6,600 mg/L in JRL Leachate in July 2022)	Annual Maximum Arsenic (0.42 mg/L in JRL Leachate in July 2022)
LF-LD-11	1,245 (March 2022)	3.2 (July 2022)	0.005 U (July 2022)
LF-LD-12	627 (March 2022)	2.2 (July 2022)	0.005 U (July 2022)
LF-LD-13	376 (September 2022)	1.7 (July 2022)	0.005 U (July 2022)
LF-LD-14	483 (September 2022)	NS	NS
<u>Notes:</u> U – not detected above the indicated laboratory reporting limit NS – not sampled			

Based on the very low chloride and arsenic concentrations at LF-LD-11, LF-LD-12, and LF-LD-13 during 2022, the liquid sampled from those locations does not indicate the presence of leachate in the leak detection systems. The specific conductance at LF-LD-11, LF-LD-12, LF-LD-13, and LF-LD-14 (the last of which had field parameters measured between July and December 2022 by NEWSME) had annual maximum values that are greater than those typical at upgradient monitoring locations. This is likely the result of the recent construction of Cell 11, Cell 12, Cell 13, and Cell 14.

Samples from the LF-LD-11, LF-LD-12, and LF-LD-13 were analyzed for dissolved methane during the July 2022 monitoring event. Dissolved methane was not detected at or above the laboratory reporting limit of 20 µg/L at LF-LD-11. Dissolved methane was detected at a concentration of 240 µg/L at LF-LD-12, and at a concentration of 53 µg/L at LF-LD-13.

8.0 WATER QUALITY GAS MONITORING

As part of the 2022 environmental monitoring program, methane gas was measured during the collection of water quality samples at the site monitoring well standpipes, underdrain outfalls, leachate collection system, Detention Pond 1A leak detection system, and JRL site property boundaries using a hand-held gas meter. The methane gas measurements were taken during the spring, summer, and fall monitoring events during 2022. All methane gas monitoring results were below the meter detection limit.

Hydrogen sulfide (H₂S) was also monitored at the above-mentioned locations in 2022 and was not detected at any of the locations.

Historical and 2022 gas monitoring results for the site are included in Appendix I. The 2022 gas monitoring results indicate no landfill-related gases are present at the monitored locations.

9.0 SUMMARY AND RECOMMENDATIONS

9.1 Summary

Water quality samples were obtained in April/May, July, and October 2022 at the JRL in accordance with the current site EMP. The 2022 water quality data for the JRL is consistent with the historical data for the site and with the setting of monitoring locations among the construction and operational activities of the landfill. Site groundwater and surface water quality data do not show adverse effects from the performance of the landfill cells or leachate collection and transport systems. The evaluation of site water quality, which incorporates the 2022 water quality data, identifies trends at multiple locations and for a number of parameters, both upgradient and downgradient from the landfill. Historical groundwater quality data through 2022 indicate that these trends are largely attributable to landfill operations and changes in redox conditions, which occur as expected around the landfill due to the construction of the landfill (e.g., from removal of vegetation, disturbance of native soils, and the cutoff of precipitation in the landfill area), and do not indicate any significant landfill related impacts to water quality from malfunction of the landfill liners. The JRL site-wide water quality are summarized below.

Leachate Monitoring Location

Leachate parameter values from monitoring location LT-C4LR during 2022 and historically since July 2013 are generally characterized by high parameter values. Generally, at a given water quality monitoring location, if landfill leachate were present, there would be a notable, significant increase in specific conductance values and chloride and arsenic concentrations (in conjunction with changes in other parameter concentrations) due to their presence at high concentrations in the JRL leachate. In 2022, the annual maximum values in JRL leachate (i.e., monitoring location LT-C4LR) are a specific conductance value of 22,260 $\mu\text{mhos/cm}$, 6,600 mg/L of chloride, and 0.42 mg/L of arsenic.

Underdrain Monitoring Locations

There was no flow at LF-UD-1, LF-UD-2, LF-UD-3A,B, LF-UD-6, LF-UD-7, LF-UD-8, LF-UD-9, LF-UD-10, and LP-UD-1 during any of the three 2022 detection monitoring events; thus, no samples were obtained at these locations during 2022. These occurrences of no flow at these underdrain monitoring locations are generally consistent with previous observed patterns. The decrease in flow from previously regularly flowing underdrains is likely associated with the lowering of the groundwater table that has resulted from the construction of the landfill expansion cells (see Section 1.2).

Where there was flow during 2022 from underdrain monitoring locations (LF-UD-4, LF-UD-5and6, and LP-UD-2), the underdrain monitoring data do not show adverse effects from the performance of the landfill cells or leachate collection and transport systems. The greatest specific conductance value measured during 2022 at underdrain monitoring locations (excluding composite samples) was at LF-UD-5and6 (390 $\mu\text{mhos/cm}$ in August 2022). The greatest chloride concentration measured during 2022 at underdrain monitoring locations was 3.1 mg/L at LP-UD2 in July 2022, which is very low and does not

indicate influence from the presence of landfill leachate. Arsenic was not detected above the laboratory reporting limit of 0.005 mg/L at the underdrain monitoring locations sampled during 2022.

VOCs were analyzed at all sampled underdrain locations (both landfill and Detention Pond 1A underdrains) in April 2022; no VOCs were detected above laboratory reporting limits.

Groundwater Monitoring Locations

Based on review of 2022 and historical data, SME has identified 31 of the 47 site-wide groundwater monitoring locations with water quality that: (1) do not indicate influence from landfill leachate; and (2) show limited influence from landfill construction operations (see Table 7-4). These wells have 2022 annual maximum specific conductance values ranging from 54 $\mu\text{mhos/cm}$ to 370 $\mu\text{mhos/cm}$, and low chloride concentrations ranging from 1.2 mg/L to 17 mg/L. These wells also generally exhibit limited to no statistically significant increasing trends.

More pronounced water quality changes have been observed at 16 of the site groundwater monitoring locations (see Table 7-4), which include wells both upgradient and downgradient from the landfill. These changes are evidenced at some monitoring locations by the statistically significant trends for multiple parameters. These trends are largely attributable to changes in redox conditions, which occur as expected around the landfill due to the construction and operations of the landfill (e.g., from removal of vegetation, disturbance of native soils, and the cutoff of precipitation in the landfill area), and do not indicate landfill related impacts to water quality from malfunction of the landfill liners. This conclusion is supported by the current values and trends of key indicator parameters at the landfill underdrain monitoring locations and leak detection monitoring locations. These monitoring locations are discussed in detail in Section 7.3 and include: (1) upgradient monitoring locations MW12-303R and P-206A; (2) downgradient monitoring locations MW-223A, MW223B, MW-301, MW-302R, and MW-401A; and (3) OW-06-03, OW-601A, OW-601B, OW-602A, OW-606A, OW-609B, OW-611A, MW-506, and MW-507, which are downgradient from the landfill expansion. Current and recent water quality is summarized below:

Upgradient Monitoring Locations MW12-303R and P-206A: Despite recent increasing parameter values at upgradient monitoring location P-206A, its groundwater quality is still characterized by low parameter concentrations. There were no MCL, LHA, or DWA exceedances for parameters analyzed at P-206A during 2022. Despite current statistically significant increasing trends for seven parameters over the past five years at P-206A, visual review of water quality trends indicates that the rates of increase has slowed considerably over the past few years. Water quality at P-206A does not appear to be affected by performance of landfill cells or leachate collection and transport systems. Roadway maintenance practices in the vicinity of P-206A could be improved to avoid impacting water quality.

Upgradient monitoring location MW12-303R is located in an area that historically has been influenced by roadway maintenance and runoff, and from site construction activities, with improvements and corrections implemented as discussed in previous reports. The recent water quality observed at MW12-303R appears to be stabilizing or improving. Water quality at MW12-303R does not appear to

be adversely affected by performance of landfill cells or leachate collection and transport systems, based on key indicator parameters at the landfill underdrain monitoring locations.

Downgradient Monitoring Locations MW-223A, MW-223B, MW-302R: As discussed in Section 7.3, previous water quality evaluations identified similarities among the former Scale House Well, the former Office Well, former monitoring well MW-302R, MW-223A, and MW-223B, and showed that they are distinct from the chemical signature of the leachate from LT-C4LR. Water quality assessment, the results of bedrock pumping tests conducted in 2009, and the established hydrogeology in this area indicate that water quality in former monitoring well MW-302R and MW-223A and MW-223B may in part be associated with upgradient water quality in the vicinity of the former Office Well and former Scale House Well in addition to the sources previously identified, a former topsoil and stump stockpile area and a former subsurface wastewater disposal field located along this preferential groundwater flow direction.

Based on review of current values and trends of key indicator parameters at the landfill underdrain monitoring locations, we do not interpret recent water quality and noted trends at MW-223A, MW-223B, and MW-302R as related to the performance of landfill cells or leachate collection and transport systems.

Downgradient Monitoring Locations MW-301 and MW-401A: Monitoring wells MW-301 and MW-401A are deep bedrock monitoring wells located downgradient from the landfill in proximity of the Detention Pond 1A. The groundwater quality at MW-301 and MW-401A is consistent with their setting as monitoring locations downgradient from the landfill. There are no current concerns with water quality results at these well locations related to the performance of landfill cells or leachate collection and transport systems, and no parameters analyzed at MW-301 and MW-401A that exceeded MCL, LHA, or DWA standards in 2022.

Downgradient Landfill Expansion Monitoring Locations OW-06-03, OW-601A, OW-601B, OW-602A, OW-606A, OW-609B, OW-611A, MW-506 and MW-507: Baseline groundwater quality was monitored at these locations downgradient from the landfill expansion between 2018 and 2021. It is early in the monitoring history for these locations; routine monitoring will continue in 2023 and beyond, and additional data will be useful for evaluating groundwater quality influences from the landfill expansion construction.

In general, multiple parameters at many of the landfill expansion monitoring locations have exhibited greater values than at upgradient monitoring well MW-206. The greater parameter values are likely caused by the ground disturbance associated with the landfill expansion cells that have been constructed to date. Additionally, monitoring locations OW-06-03, OW-601A, OW-601B, OW-602A, and OW-606A are located in close proximity to the landfill access road and may be influenced by winter road salting. Leak detection monitoring for landfill expansion Cells 11 through 14 indicate that the cells are performing as designed. Chloride concentrations at leak detection monitoring locations for Cells 11 through 13 in 2022 were very low and ranged from 1.7 mg/L to 3.2 mg/L. Parameter concentrations at the subject landfill expansion downgradient monitoring locations are expected to

decrease and stabilize with additional time following the construction of the landfill expansion cells. Water quality review including assessment of Stiff diagrams (Section 7.3, Appendix H) indicates a clear distinction from the chemical signature of the leachate from LT-C4LR (Appendix G).

Arsenic is the only parameter analyzed in groundwater monitoring wells detected above its MCL in 2022. Arsenic was analyzed in groundwater from 42 monitoring wells in the detection monitoring analytical program in 2022 and was detected at concentrations detected above the MCL of 0.01 mg/L at only four monitoring locations. The maximum arsenic concentration detected at site-wide monitoring locations was 0.017 mg/L at MW-402A and MW-402B in April 2022.

Surface Water, Stormwater, and Pore-Water Monitoring Locations

The 2022 surface water, stormwater, and pore-water monitoring location data are generally characterized by very low values of key indicator parameters by comparison to the JRL leachate (i.e., LT-C4LR). This is generally consistent with historical data at these locations.

Dissolved Methane Monitoring

Of the twenty-eight groundwater monitoring wells from which samples were obtained for dissolved methane analysis in 2022 (excluding baseline sampling), the parameter was only detected above laboratory reporting limit of 20 µg/L in two locations: MW06-01 (62 µg/L in July 2022) and OW-605A (430 µg/L in July 2022).

Dissolved methane was not detected above the laboratory reporting limit of 20 µg/L at leak detection monitoring location LF-LD-11 in 2022. Dissolved methane was detected during 2022 in leak detection monitoring locations LF-LD-12 (240 µg /L in July 2022) and LF-LD-13 (53 µg/L in July 2022).

Pore-water samples were analyzed for dissolved methane as discussed in Section 7.4. Dissolved methane concentrations in pore-water samples are generally consistent with previous monitoring, with the exception of a new historical maximum detected concentration sat PWS10-2 (4,800 mg/L, itself generally consistent with historical maximum values at locations PWS10-1 and PWS10-3). Dissolved methane results in 2022 pore-water monitoring are likewise consistent with the hydrologic setting in a freshwater wetland and are attributed to anaerobic biological processes in the saturated wetland soils, including higher concentrations during the summer monitoring event when warmer temperatures facilitate increased anaerobic biological processes in the saturated wetland soils.

Leak Detection Monitoring Locations

Landfill leak detection monitoring locations LF-LD-11, LF-LD-12, and LF-LD-13 monitor liquid from the leak detection systems for Cell 11, Cell 12, and Cell 13, respectively, with 2022 monitoring discussed in Section 7.6. Sampling results show very low chloride concentrations and specific conductance values well below those of JRL leachate (i.e., LT-C4LR), and do not indicate the presence of leachate in the leak detection

systems for the three cells. The specific conductance values at the leak detection locations monitored in 2022 were greater than those typical at upgradient monitoring locations, which is likely the result of the recent construction of the landfill expansion cells.

2022 Baseline Monitoring Locations

One round of baseline monitoring at Cell 15 monitoring locations was conducted in October 2022 and the results reported are discussed in Section 7.5. Baseline monitoring of the Cell 15 monitoring locations is scheduled to continue in 2023.

9.2 Closure and Recommendations

SME recommends that on-site snow removal and winter roadway maintenance practices minimize stockpiling of snow around monitoring locations proximate to roadways.

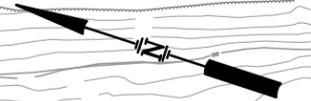
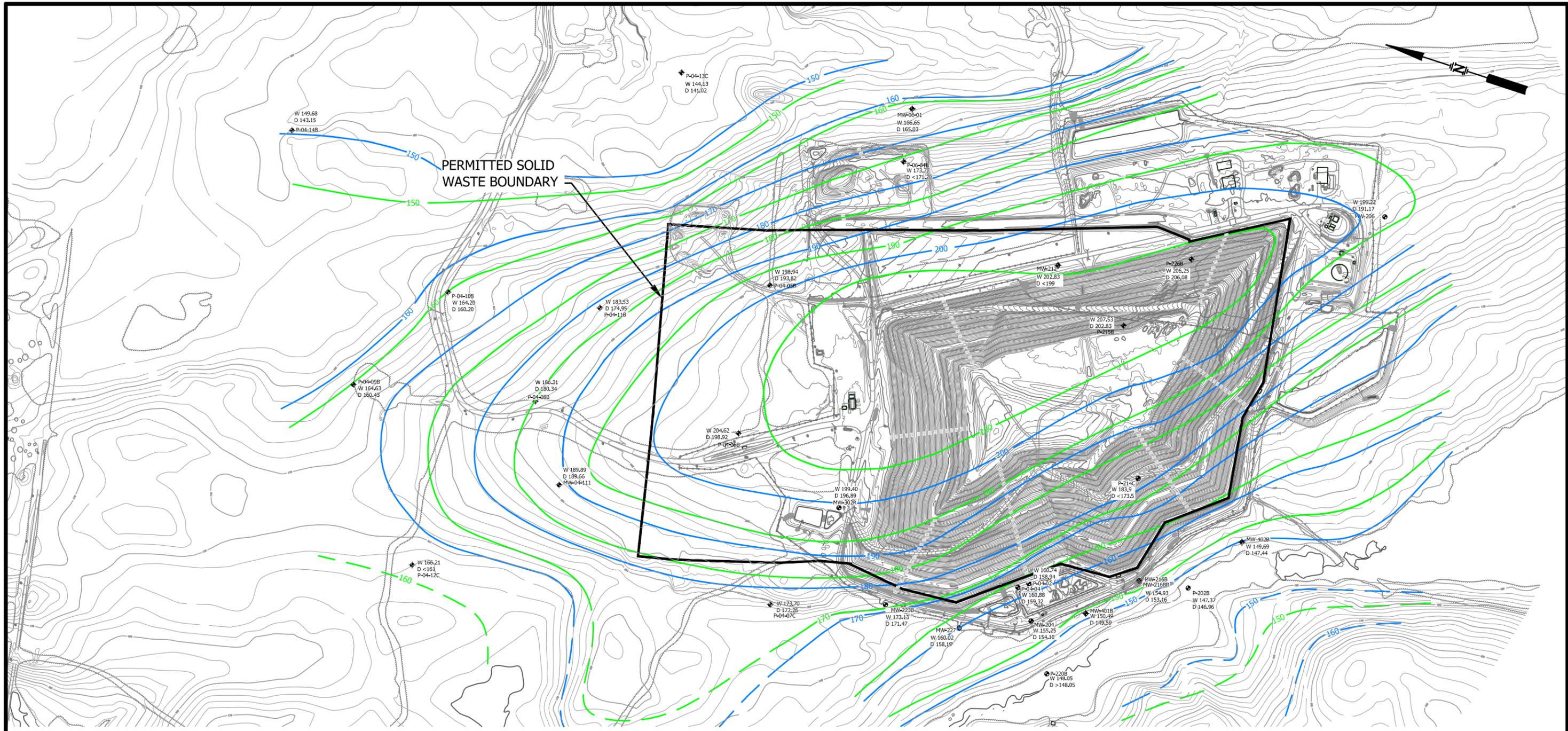
SME recommends continuing with the current site monitoring program in 2023.

APPENDIX A

**RESPONSES TO MEDEP COMMENTS REGARDING THE PREVIOUS
ANNUAL WATER QUALITY REVIEW
(NONE RECEIVED)**

APPENDIX B

**INTERPRETED SHALLOW GROUNDWATER PHREATIC SURFACE AND UPPER
BEDROCK POTENTIOMETRIC SURFACE CONTOUR MAPS AND
2022 QUANTITATIVE ANALYSIS OF MEASURED CHANGES IN
GROUNDWATER ELEVATIONS AT MONITORING LOCATIONS**



NOTES

1. BASE MAP PREPARED BY AERIAL SURVEY & PHOTO INC., NORRIDGEWOCK, MAINE. PHOTO DATE 7/5/17. VERTICAL DATUM: BRASS PLUG AT PUMP STATION AND AT THE ADMINISTRATION BUILDING. HORIZONTAL DATUM: MAINE STATE COORDINATES EAST ZONE NAD 83. GROUND CONTROL BY SEVEE & MAHER ENGINEERS, INC, CUMBERLAND, MAINE. CONTOURS WITHIN EXISTING CELL LINER LIMIT FROM LOW ALTITUDE AERIAL PHOTOGRAMMETRIC MAPPING PERFORMED BY SEVEE & MAHER ENGINEERS, INC. (SME) OF CUMBERLAND, MAINE, DATED DECEMBER 1, 2018. GROUND CONTROL BY SEVEE & MAHER ENGINEERS, INC (SME) OF CUMBERLAND, MAINE USING PROPELLER AEROPOINTS, DATED DECEMBER 1, 2018: HORIZONTAL DATUM - NAD83 MAINE, EAST, US FT. VERTICAL DATUM - NAVD 88, US FT.
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. GROUNDWATER CONTOURS BASED ON WATER LEVEL MEASUREMENTS RECORDED DURING SPRING AND FALL OF 2007 (WET AND DRY SEASONS RESPECTIVELY). SUMMER DATA FROM 2008 (WET AND DRY SEASONS RESPECTIVELY).

LEGEND

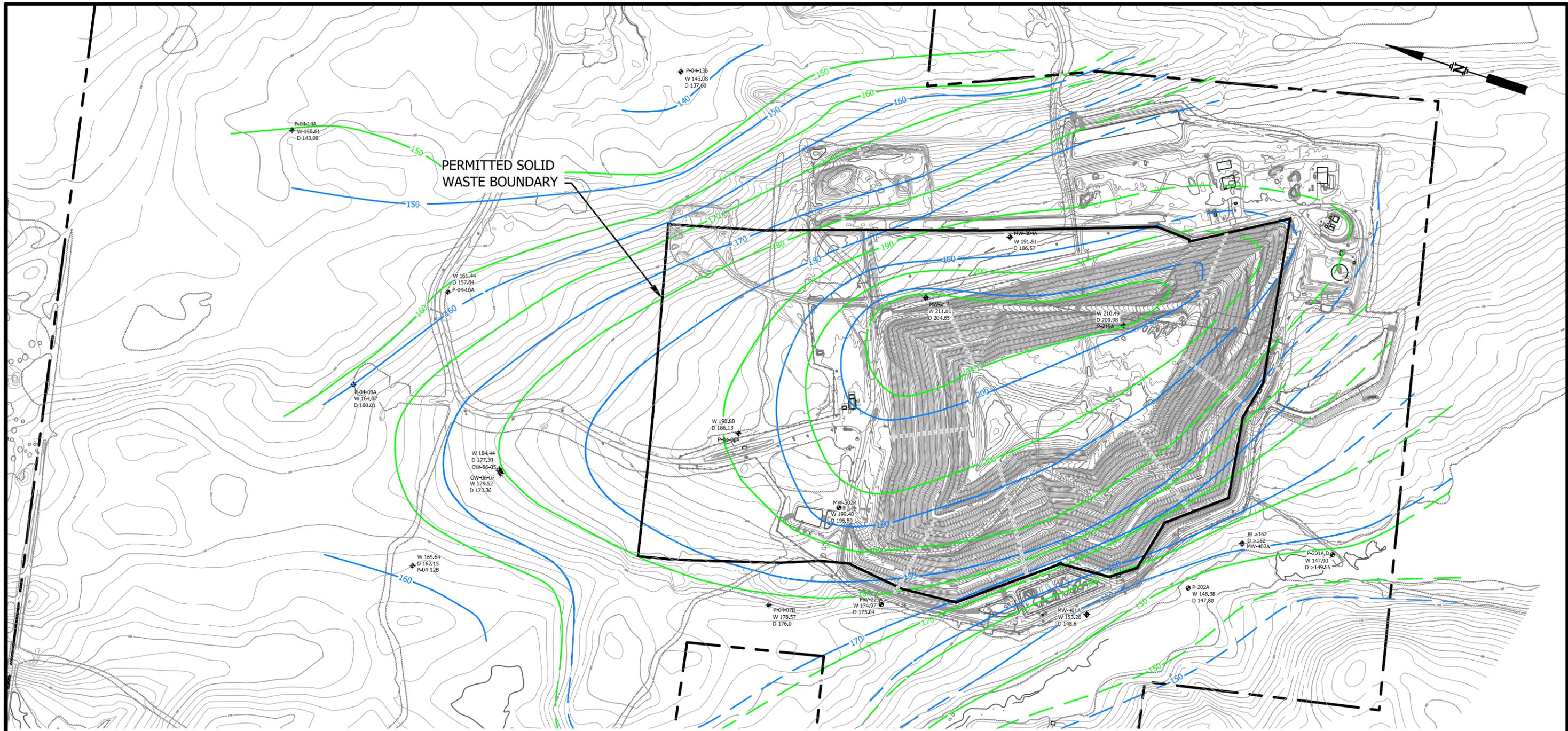
- 150 INTERPRETED WET-SEASON POTENTIOMETRIC SURFACE, (2007) IN BEDROCK (ELEVATION IN FEET NGVD).
- 150 INTERPRETED DRY-SEASON POTENTIOMETRIC SURFACE, (2007), IN BEDROCK (ELEVATION IN FEET NGVD).
- MW-227
W 160.02
D 158.19 WELL/PIEZOMETER LOCATION WITH ELEVATION OF GROUNDWATER FOR WET (W) AND DRY (D)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



FIGURE 5-1
 INTERPRETED PHREATIC SURFACE
 SEASONAL HIGH CONDITIONS
 JUNIPER RIDGE LANDFILL EXPANSION
 OLD TOWN, MAINE



I:\server\csc\casella\OldTown\landfill\General\SiteInfo\EMP\Acad\CIV.dwg, 3/19/2019 8:01:13 AM, sjm



NOTES

1. BASE MAP PREPARED BY AERIAL SURVEY & PHOTO INC., NORRIDGEWOCK, MAINE. PHOTO DATE 7/5/17. VERTICAL DATUM: BRASS PLUG AT PUMP STATION AND AT THE ADMINISTRATION BUILDING. HORIZONTAL DATUM: MAINE STATE COORDINATES EAST ZONE NAD 83. GROUND CONTROL BY SEVEE & MAHER ENGINEERS, INC, CUMBERLAND, MAINE. CONTOURS WITHIN EXISTING CELL LINER LIMIT FROM LOW ALTITUDE AERIAL PHOTOGRAMMETRIC MAPPING PERFORMED BY SEVEE & MAHER ENGINEERS, INC. (SME) OF CUMBERLAND, MAINE, DATED DECEMBER 1, 2018. GROUND CONTROL BY SEVEE & MAHER ENGINEERS, INC (SME) OF CUMBERLAND, MAINE USING PROPELLER AEROPOINTS, DATED DECEMBER 1, 2018: HORIZONTAL DATUM - NAD83 MAINE, EAST, US FT. VERTICAL DATUM - NAVD 88, US FT.
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. GROUNDWATER CONTOURS BASED ON WATER LEVEL MEASUREMENTS RECORDED DURING SPRING AND FALL OF 2007 (WET AND DRY SEASONS RESPECTIVELY). SUMMER DATA FROM 2008 (WET AND DRY SEASONS RESPECTIVELY).

LEGEND

- 150 INTERPRETED WET-SEASON UPPER BEDROCK POTENTIOMETRIC SURFACE CONTOUR (ELEVATION IN FEET NGVD).
- 150 INTERPRETED DRY-SEASON UPPER BEDROCK POTENTIOMETRIC SURFACE CONTOUR (ELEVATION IN FEET NGVD).
- MW-223A
W 174.97
D 173.04 WELL/PIEZOMETER LOCATION WITH ELEVATION OF GROUNDWATER FOR WET (W) AND DRY (D) SEASON.



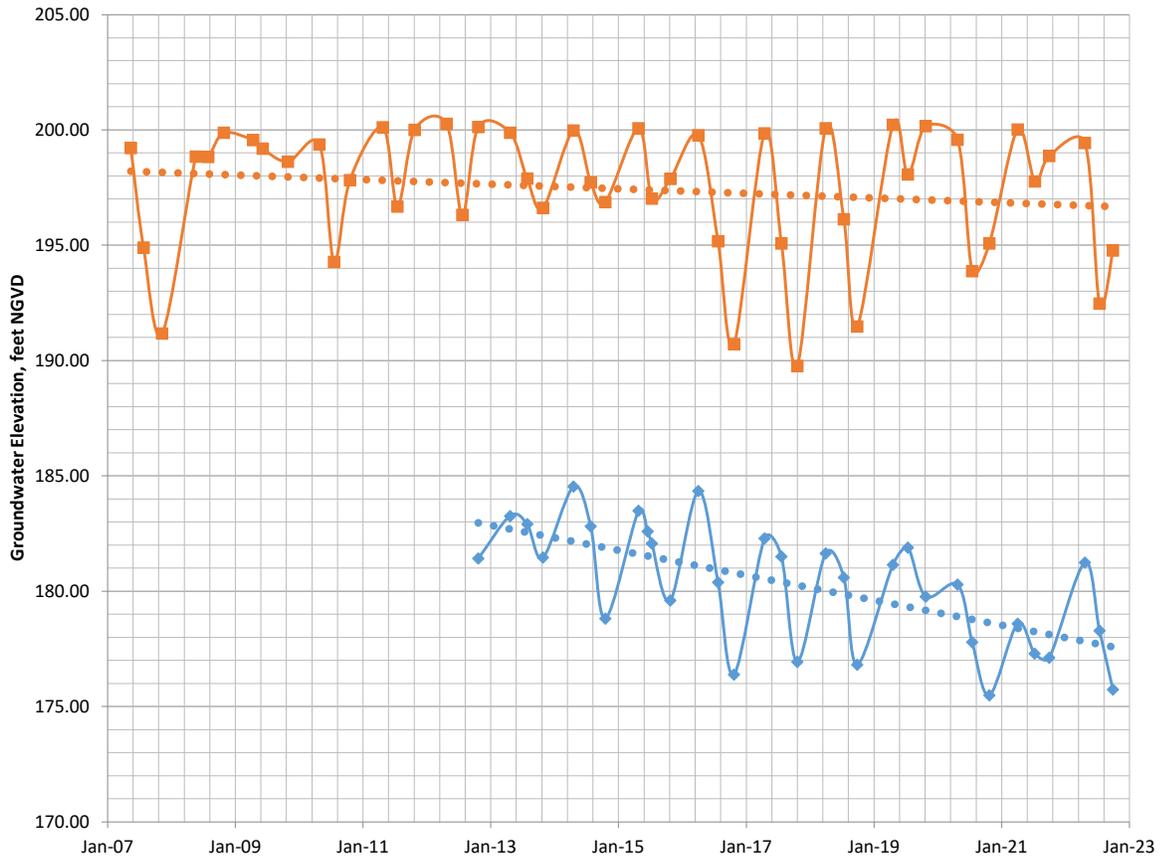
FIGURE 5-8
INTERPRETED GROUNDWATER
POTENTIOMETRIC SURFACE
IN UPPER BEDROCK
JUNIPER RIDGE LANDFILL EXPANSION
OLD TOWN, MAINE



Quantitative Analysis of Groundwater at JRL

Shallow Groundwater at Background

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



—■— MW-206

—◆— MW12-303R

..... Linear (MW-206)

..... Linear (MW12-303R)

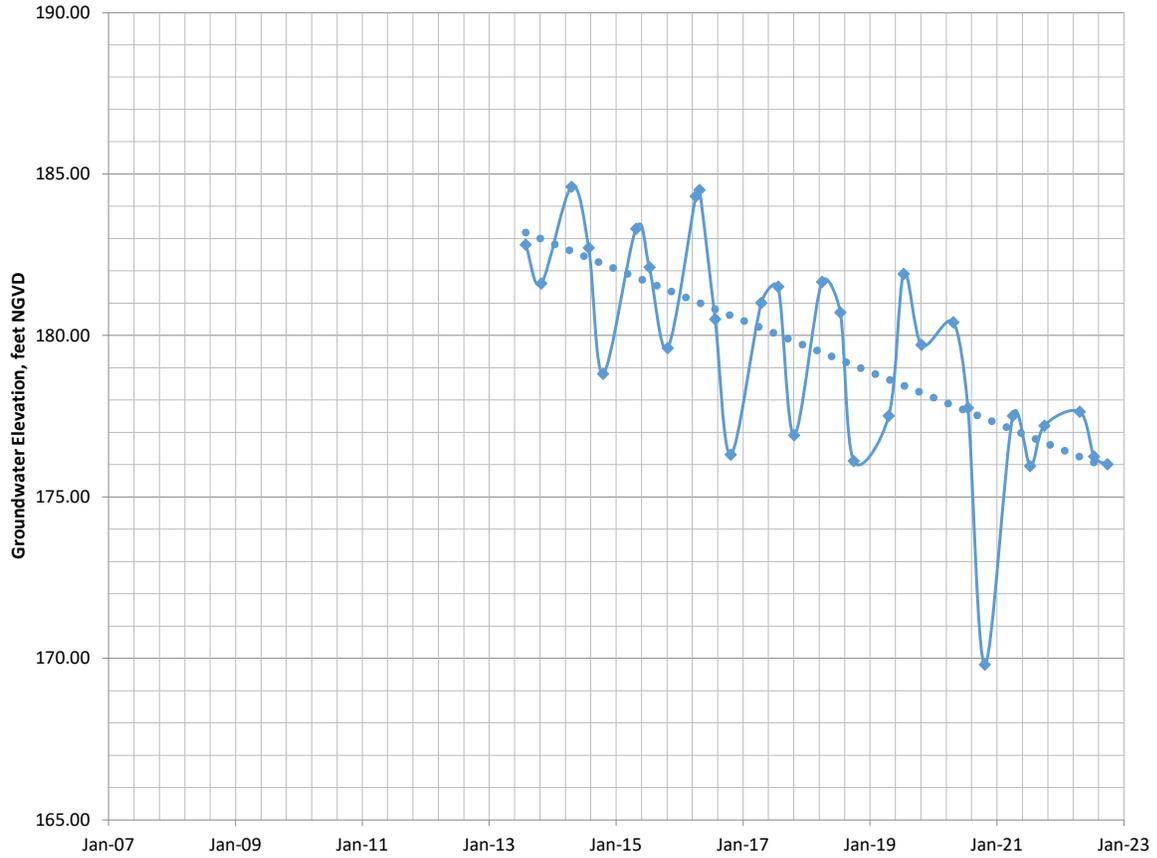
$y = -0.0003x + 208.93$

$y = -0.0015x + 244.07$

Quantitative Analysis of Groundwater at JRL

Deep Groundwater at Background

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)

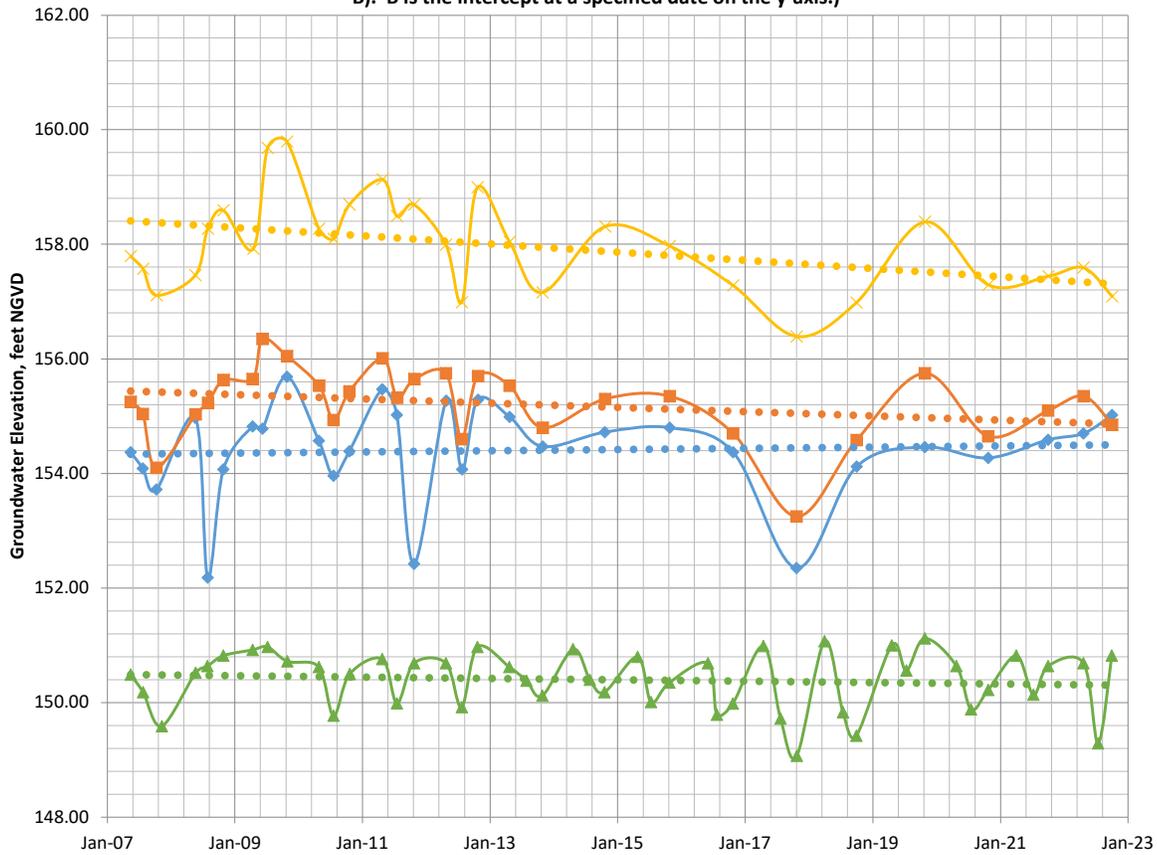


—◆— P-206A
●●● Linear (P-206A)
 $y = -0.0022x + 273.49$

Quantitative Analysis of Groundwater at JRL

Shallow Groundwater Downgradient of Leachate Pond

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$. B is the intercept at a specified date on the y-axis.)



▲ MW-401B

◆ DP-4

× MW04-105

■ MW-204

● Linear (MW-401B)

● Linear (DP-4)

● Linear (MW04-105)

● Linear (MW-204)

$y = -3E-05x + 151.75$

$y = 3E-05x + 153.21$

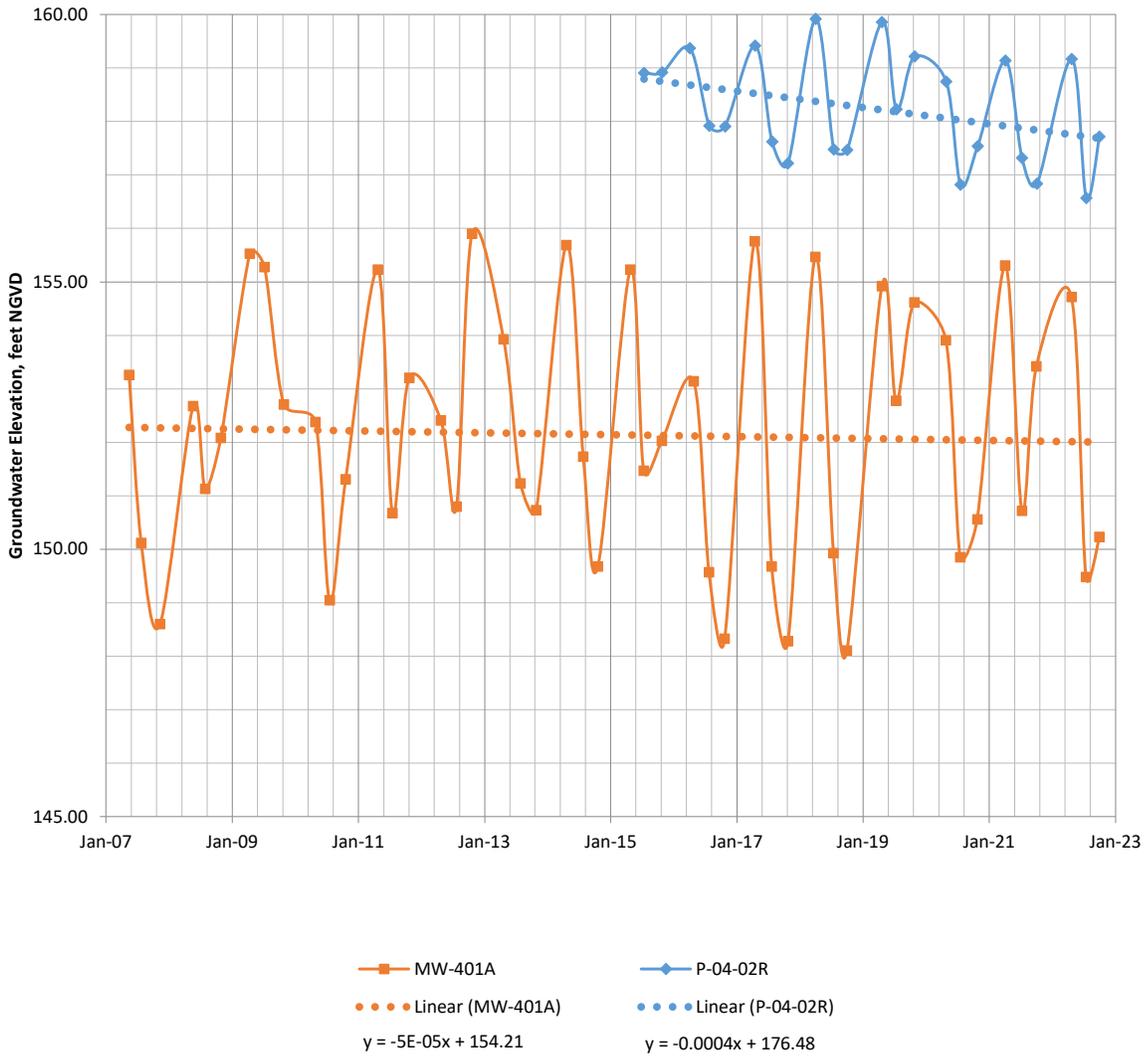
$y = -0.0002x + 166.08$

$y = -0.0001x + 159.43$

Quantitative Analysis of Groundwater at JRL

Deep Groundwater Downgradient of Leachate Pond

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



Quantitative Analysis of Groundwater at JRL

Shallow Groundwater Downgradient of Cell 1

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$. B is the intercept at a specified date on the y-axis.)



—◆— MW-223B

●●● Linear (MW-223B)

$$y = -0.0002x + 180.94$$

—■— MW-227

●●● Linear (MW-227)

$$y = -7E-05x + 162.24$$

—×— P-04-04

●●● Linear (P-04-04)

$$y = -0.0003x + 172.75$$

—×— MW04-102

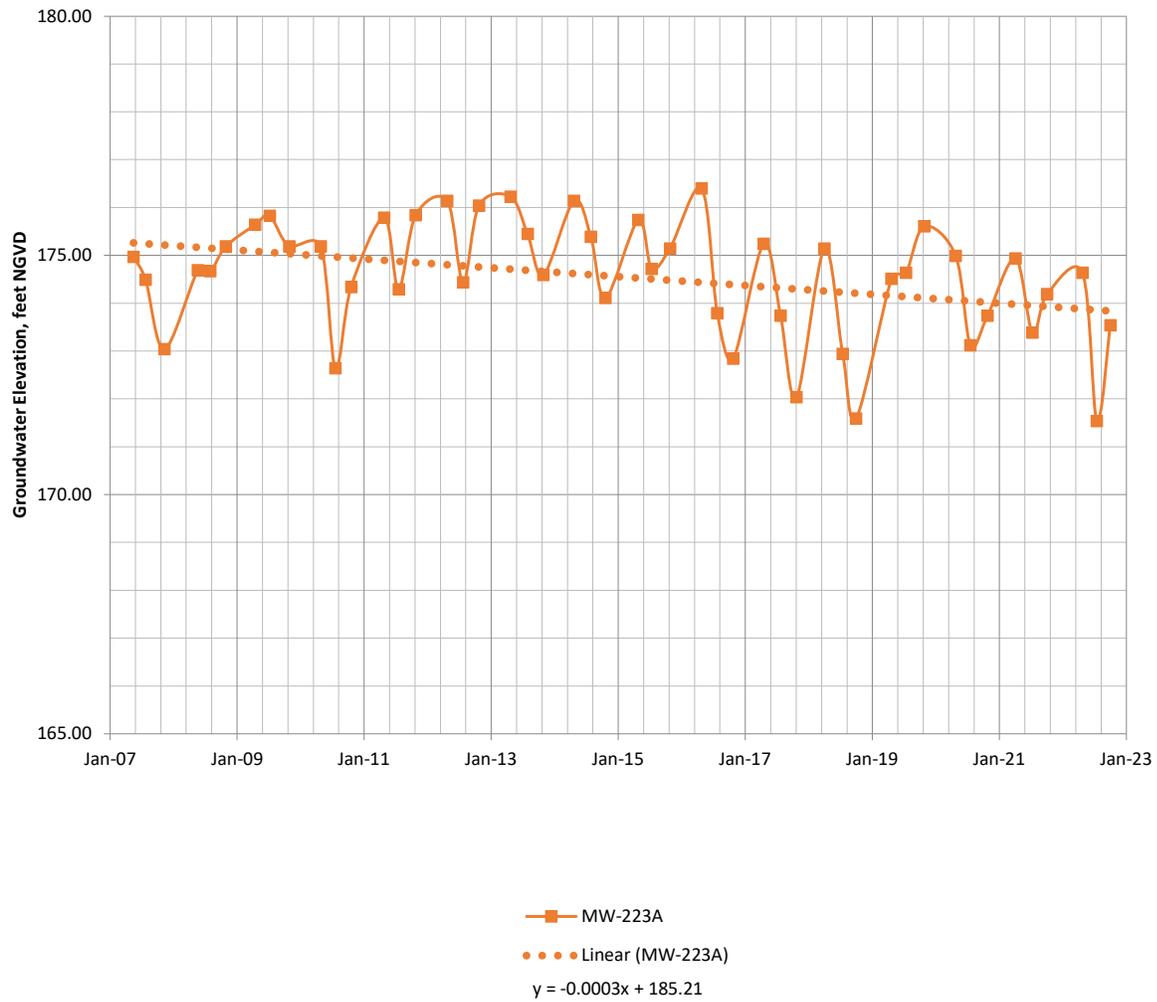
●●● Linear (MW04-102)

$$y = -0.0004x + 179.97$$

Quantitative Analysis of Groundwater at JRL

Deep Groundwater West of Cell 1

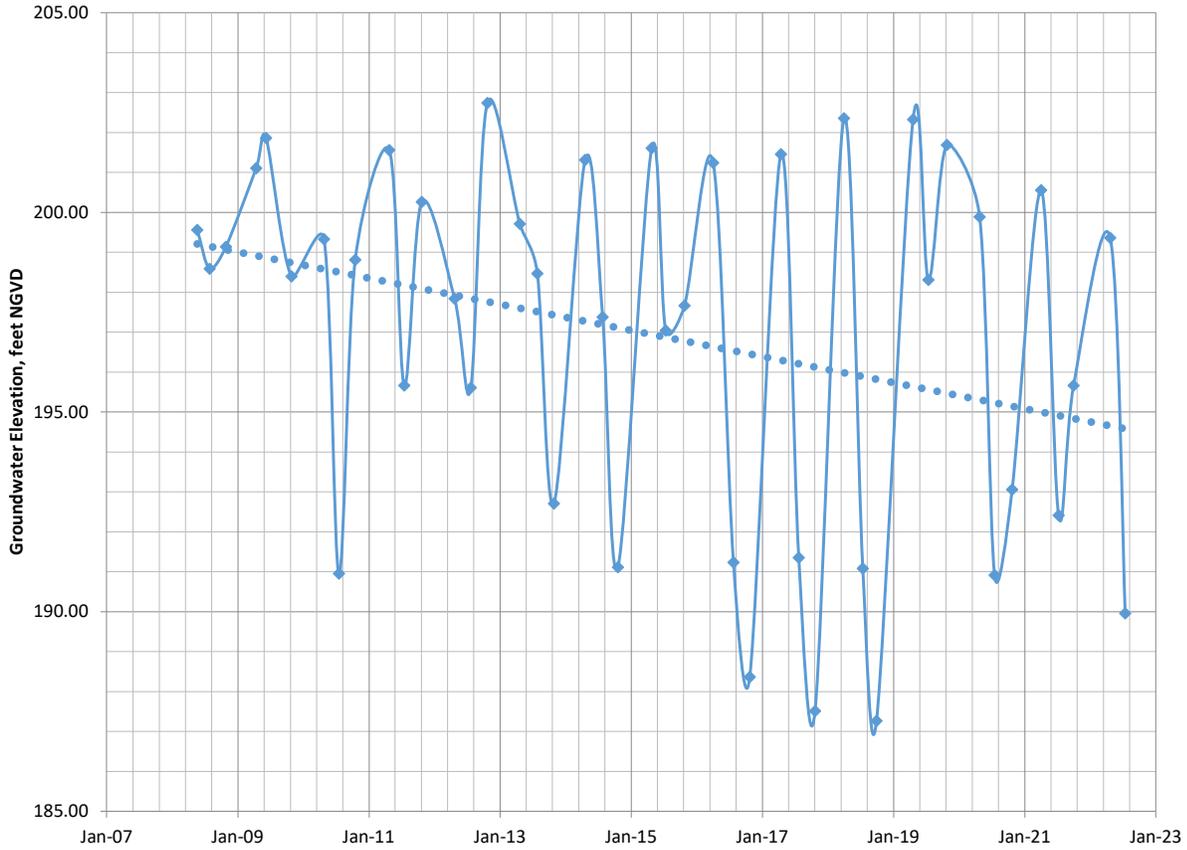
(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



Quantitative Analysis of Groundwater at JRL

Deep Groundwater North of Cell 1/2

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$. B is the intercept at a specified date on the y-axis.)

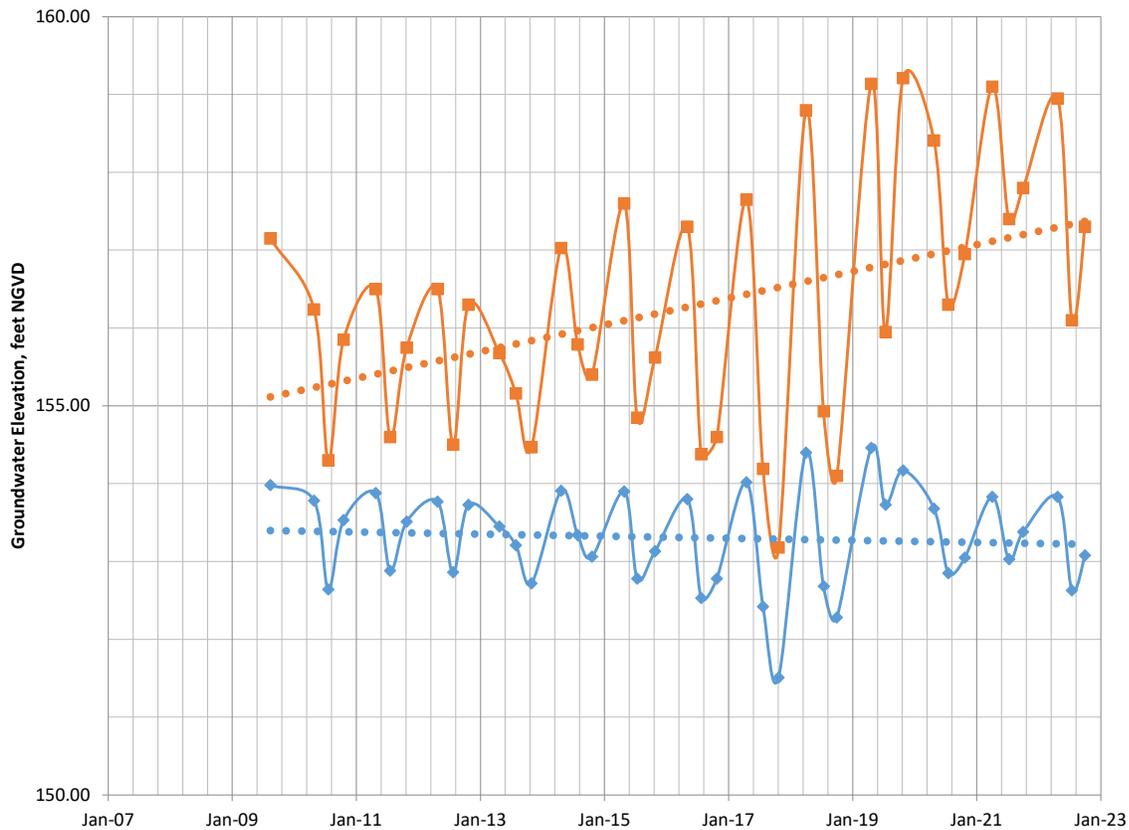


—◆— MW-302R
••••• Linear (MW-302R)
 $y = -0.0009x + 234.62$

Quantitative Analysis of Groundwater at JRL

Deep Groundwater West of Cell 5

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



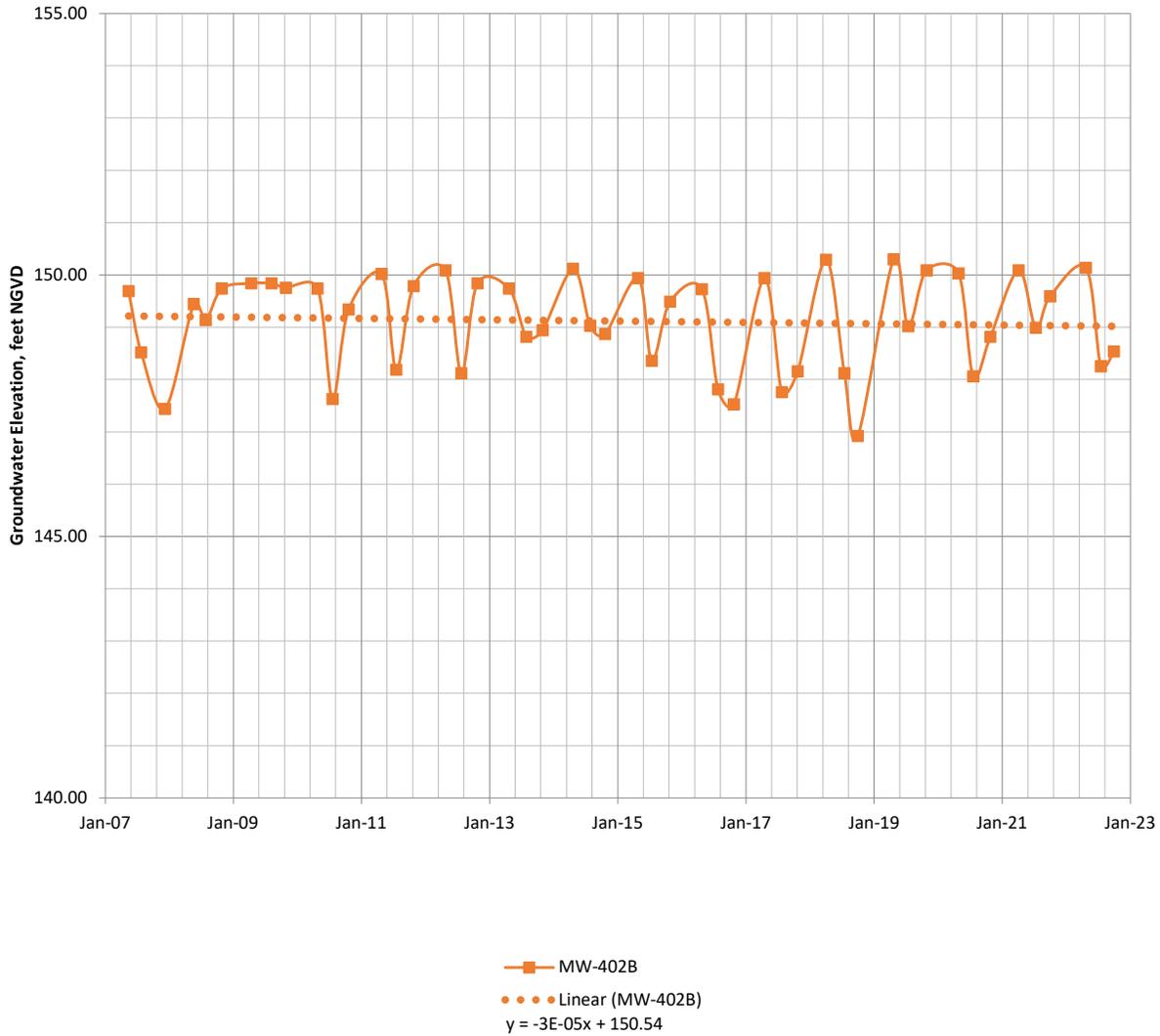
—◆— MW04-109R
●●● Linear (MW04-109R)
 $y = -4E-05x + 154.86$

—■— MW09-901
●●● Linear (MW09-901)
 $y = 0.0005x + 136.28$

Quantitative Analysis of Groundwater at JRL

Shallow Groundwater Downgradient of Cell 5/6

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



Quantitative Analysis of Groundwater at JRL

Overburden Groundwater Downgradient of Expansion (1 of 2)

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



Quantitative Analysis of Groundwater at JRL

Overburden Groundwater Downgradient of Expansion (2 of 2)

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



—◆— P-04-11A

—✕— OW-608B

—■— OW-609B

..... Linear (P-04-11A)

..... Linear (OW-608B)

..... Linear (OW-609B)

$y = -0.0006x + 206.93$

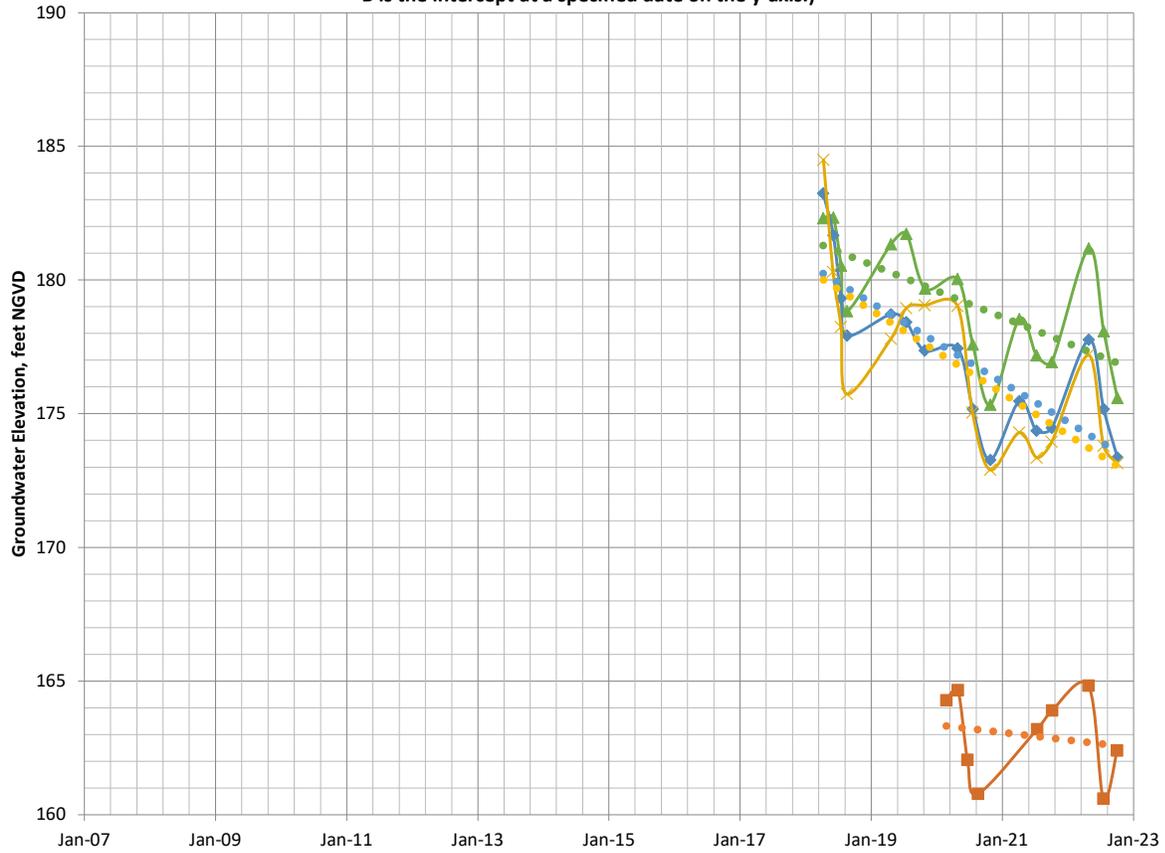
$y = -0.0055x + 438.52$

$y = -0.007x + 510.65$

Quantitative Analysis of Groundwater at JRL

Bedrock Groundwater Downgradient of Expansion (1 of 3)

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



OW-601A

OW-602A

OW-604A

MW-04-09A

Linear (OW-601A)

Linear (OW-602A)

Linear (OW-604A)

Linear (MW-04-09A)

$y = -0.0027x + 296.97$

$y = -0.0041x + 356.26$

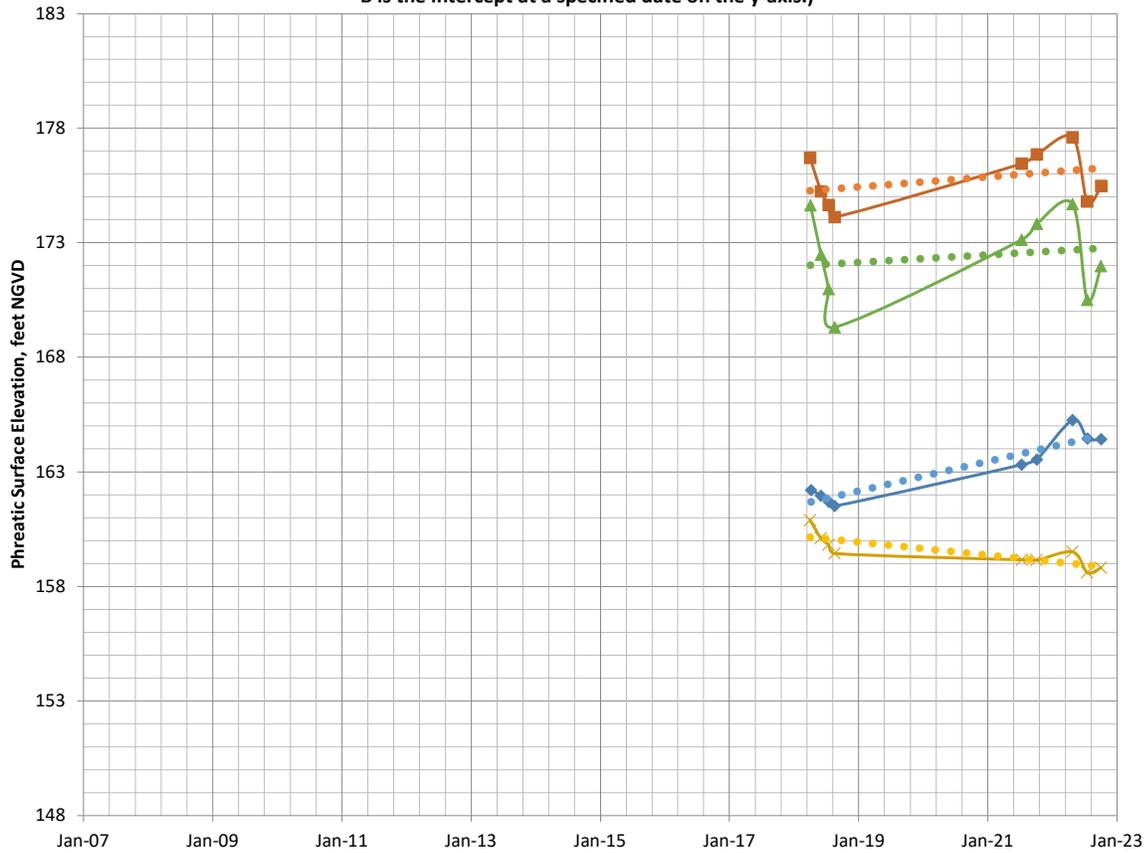
$y = -0.0042x + 363.55$

$y = -0.0008x + 197.26$

Quantitative Analysis of Groundwater at JRL

Bedrock Groundwater Downgradient of Expansion (2 of 3)

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $y = mx + B$.
B is the intercept at a specified date on the y-axis.)



▲ MW-507

◆ OW-605A

× OW-608A

■ OW-611A

●●● Linear (MW-507)

●●● Linear (OW-605A)

●●● Linear (OW-608A)

●●● Linear (OW-611A)

$y = 0.0005x + 152.41$

$y = 0.0018x + 85.379$

$y = -0.0008x + 193.61$

$y = 0.0006x + 149.21$

Quantitative Analysis of Groundwater at JRL

Bedrock Groundwater Downgradient of Expansion (3 of 3)

(Dotted lines are Linear Trendlines from EXCEL, slope values (m) are presented in the Legend as $(y = mx + B)$.
B is the intercept at a specified date on the y-axis.)



MW-504

Linear (MW-504)

$$y = -0.0158x + 857.72$$

MW-505

Linear (MW-505)

$$y = -0.0066x + 477.57$$

MW-506

Linear (MW-506)

$$y = -0.0039x + 345.5$$

MW-08-01

Linear (MW-08-01)

$$y = -0.0157x + 855.17$$

APPENDIX C

**2022 AND HISTORICAL FALL SPECIFIC
CONDUCTANCE DATA (EXPANDED LOCATIONS)**

SUMMARY REPORT
 Conductivity and Water Levels

(DP-4) Date	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet														
DP-4																		
10/30/2013	273	14.9	154.47	27.06														
10/21/2014	239	14.67	154.7	27.05														
10/28/2015	278	14.57	154.8	27.05														
10/26/2016	267	15	154.37	27.1														
10/23/2017	201	17.02	152.35	27.17														
10/3/2018	214	15.25	154.12	27.16														
10/28/2019	272	14.91	154.46	27.1														
10/26/2020	249	15.1	154.27	27.12														
10/4/2021	268	14.78	154.59	27.12														
10/5/2022	248	14.35	155.02	27.12														
MW04-101																		
10/28/2013	186	6.42	161.5	23.82														
10/21/2014	193	5.86	162.06	23.82														
10/26/2015	189	5.8	162.12	23.82														
10/24/2016	211	6.2	161.72	23.82														
10/23/2017	213	7.2	160.72	23.82														
10/3/2018	204	6.3	161.62	23.83														
10/28/2019	!	!	!	!														
10/28/2020	!	!	!	!														
MW04-102																		
10/28/2013	207	7.1	163.12	18.05														
10/21/2014	196	6.58	163.64	18.05														
10/28/2015	214	6.75	163.47	18.05														
10/25/2016	237	7.2	163.02	18.05														
10/25/2017	240	8.2	162.02	18.05														
10/3/2018	224	7.95	162.27	18.05														
10/28/2019	216	6.55	163.67	18.05														
10/26/2020	224	8	162.22	18.05														
10/4/2021	230	8	162.22	18.05														
10/3/2022	210	8.3	161.92	18.05														
MW04-104																		
10/29/2013	209	9	159.06	28.05														
10/22/2014	203	8.2	159.86	28.07														
10/26/2015	222	8.46	159.6	28.08														
10/25/2016	242	8.8	159.26	28.05														
10/24/2017	239	9.6	158.46	28.07														
10/2/2018	236	9.2	158.86	28.07														
10/28/2019	229	8.1	159.96	28.06														
10/28/2020	231	8	160.06	27.9														
10/5/2021	236	8.85	159.21	27.9														
10/5/2022	224	9.05	159.01	27.9														
MW04-105																		
10/29/2013	286	8.43	157.16	22.83														
10/22/2014	322	7.28	158.31	22.83														
10/28/2015	296	7.62	157.97	22.83														

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Conductivity and Water Levels

(MW04-105)	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet													
Date																	
10/26/2016	305	8.31	157.28	22.83													
10/23/2017	332	9.2	156.39	22.85													
10/1/2018	341	8.61	156.98	22.84													
10/28/2019	218	7.2	158.39	22.83													
10/27/2020	276	8.3	157.29	22.84													
10/5/2021	328	8.15	157.44	22.84													
10/5/2022	316	8.5	157.09	22.84													
MW04-109R																	
10/29/2013	397	7.41	152.72	22.97													
10/21/2014	389	7.07	153.06	22.98													
10/27/2015	429	7	153.13	22.97													
10/25/2016	425	7.35	152.78	22.97													
10/24/2017	453	8.62	151.51	22.97													
10/2/2018	437	7.85	152.28	22.97													
10/28/2019	418	5.96	154.17	22.97													
10/27/2020	391	7.08	153.05	27.98													
10/5/2021	386	6.75	153.38	27.98													
10/4/2022	345	7.05	153.08	27.98													
MW-204																	
10/30/2013	185	9.95	154.8	24.43													
10/22/2014	192	9.45	155.3	24.48													
10/26/2015	167	9.4	155.35	24.43													
10/26/2016	218	10.05	154.7	24.43													
10/23/2017	272	11.5	153.25	24.43													
10/3/2018	277	10.17	154.58	24.48													
10/28/2019	253	9	155.75	24.49													
10/26/2020	265	10.1	154.65	24.47													
10/4/2021	357	9.65	155.1	24.47													
10/5/2022	323	9.9	154.85	24.47													
MW-206																	
10/28/2013	135	8.05	196.62	23.15													
10/20/2014	142	7.8	196.87	23.15													
10/26/2015	139	6.8	197.87	23.15													
10/24/2016	167	13.95	190.72	23.15													
10/23/2017	146	14.9	189.77	23.15													
10/1/2018	147	13.2	191.47	23.15													
10/28/2019	149	4.5	200.17	23.15													
10/26/2020	148	9.6	195.07	23.15													
10/4/2021	154	5.8	198.87	23.15													
10/5/2022	323	9.9	194.77	23.15													
MW-216BR																	
10/29/2013	278	6.35	153.05	22.53													
10/21/2014	263	6	153.4	22.53													
10/26/2015	257	5.85	153.55	22.54													
10/25/2016	273	6.3	153.1	22.52													
10/23/2017	258	7.7	151.7	22.52													
10/2/2018	266	6.8	152.6	22.53													

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

(MW-216BR)	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet													
Date																	
10/29/2019	164	4.7	154.7	22.25													
10/27/2020	196	6	153.4	22.48													
10/5/2021	140	5.9	153.5	22.48													
10/4/2022	127	5.9	153.5	22.48													
MW-223A																	
10/29/2013	420	1.95	174.59	35.56													
10/20/2014	435	2.43	174.11	35.57													
11/6/2014		0.68	175.86														
10/27/2015	490	1.4	175.14	35.57													
10/25/2016	547	3.7	172.84	35.57													
10/24/2017	552	4.5	172.04	35.57													
10/2/2018	556	4.95	171.59	35.6													
10/29/2019	548	0.93	175.61	35.57													
10/27/2020	583	2.8	173.74	35.57													
10/5/2021	628	2.35	174.19	35.57													
10/4/2022	578	3	173.54	35.57													
MW-223B																	
10/29/2013	336	3.3	172.63	20.07													
10/20/2014	350	3.5	172.43	20.07													
11/6/2014		2.19	173.74														
10/27/2015	394	2.8	173.13	20.05													
10/25/2016	436	4.5	171.43	20.07													
10/24/2017	446	5.25	170.68	20.06													
10/2/2018	485	5.7	170.23	20.07													
10/29/2019	480	2.4	173.53	20.07													
10/27/2020	505	3.8	172.13	20.07													
10/5/2021	531	3.6	172.33	20.07													
10/4/2022	487	4.2	171.73	20.07													
MW-227																	
10/29/2013	177	4.65	159.58	22.28													
10/20/2014	181	4.6	159.63	22.3													
10/27/2015	182	4.6	159.63	22.3													
10/25/2016	199	4.61	159.62	22.3													
10/24/2017	191	5.65	158.58	22.3													
10/2/2018	191	5.18	159.05	22.3													
10/29/2019	181	4.19	160.04	22.3													
10/27/2020	184	4.45	159.78	22.31													
10/5/2021	191	4.65	159.58	22.31													
10/4/2022	178	8.45	155.78	22.31													
MW-301																	
10/30/2013	198	0.1	165.81	184.1													
10/22/2014	299	0.3	165.61	184.1													
10/27/2015	205	0.23	165.68	185.11													
10/26/2016	218	0.38	165.53	185.11													
10/25/2017	225	0.2	165.71	185.11													
10/1/2018	242	0.95	164.96	185.13													
10/28/2019	248	F1	185.1														

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(MW-301)	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet													
Date																	
10/26/2020	248	1.8	164.11	185.12													
10/4/2021	259	0.9	165.01	185.11													
10/3/2022	242	3	162.91	185.11													
MW-302R																	
10/28/2013	341	14.15	192.71	32.22													
10/20/2014	500	15.75	191.11	32.22													
11/6/2014		6.53	200.33														
10/26/2015	766	9.2	197.66	32.22													
10/24/2016	630	18.5	188.36	32.22													
10/23/2017	698	19.35	187.51	32.25													
10/1/2018	851	19.6	187.26	32.23													
10/28/2019	317	5.17	201.69	32.2													
10/26/2020	562	13.8	193.06	32.27													
10/4/2021	450	11.2	195.66	32.27													
MW-303 & MW12-303R																	
10/28/2013	223	27.43	181.46	43.38													
10/20/2014	440	30.08	178.81	43.38													
10/26/2015	370	29.29	179.6	43.4													
10/24/2016	681	32.5	176.39	43.4													
10/23/2017	414	19.35	189.54	43.4													
10/1/2018	408	32.08	176.81	43.4													
10/28/2019	380	29.12	179.77	43.4													
10/26/2020	577	33.4	175.49	43.4													
10/4/2021	673	31.77	177.12	43.4													
10/3/2022	401	33.15	175.74	43.4													
MW-401A																	
10/28/2013	140	6.1	150.73	112.04													
10/20/2014	118	7.15	149.68	112.04													
10/26/2015	118	4.8	152.03	112.03													
10/24/2016	127	8.5	148.33	112.2													
10/25/2017	303	8.55	148.28	112.18													
10/1/2018	146	8.72	148.11	112.2													
10/28/2019	140	2.21	154.62	112.21													
10/26/2020	122	6.27	150.56	112.03													
10/4/2021	128	3.41	153.42	112.03													
10/3/2022	134	6.6	150.23	112.03													
MW-401B																	
10/28/2013	376	7.2	150.12	23.11													
10/20/2014	336	7.14	150.18	23.12													
10/26/2015	335	6.97	150.35	23.1													
10/24/2016	355	7.34	149.98	23.1													
10/25/2017	375	8.25	149.07	23.14													
10/1/2018	363	7.9	149.42	23.14													
10/28/2019	327	6.2	151.12	23.14													
10/26/2020	296	7.1	150.22	23.13													
10/4/2021	287	6.68	150.64	23.13													
10/3/2022	290	6.5	150.82	23.13													

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(MW-402A)	Specific Conductance µmhos/cm @25°C	Water Level Depth Feet	Water Level Elevation Feet	Well Depth Feet														
Date																		
MW-402A																		
10/30/2013	141	0	152.2	108.35														
10/22/2014	58	0.25	151.95	108.3														
10/28/2015	117	0.04	152.16	108.28														
10/26/2016	126	0.46	151.74	108.28														
10/26/2017	122	0.05	152.15	108.28														
10/3/2018	136	0.45	151.75	108.3														
10/30/2019	128	0.05	152.69	108.35														
10/28/2020	112	F1		108.55														
10/4/2021	118	0.06	152.14	108.55														
10/3/2022	113	0.66	151.54	108.55														
MW-402B																		
10/30/2013	174	3.8	148.94	25.18														
10/22/2014	147	3.87	148.87	25.13														
10/28/2015	142	3.25	149.49	25.16														
10/26/2016	150	5.21	147.53	25.15														
10/26/2017	147	4.58	148.16	25.16														
10/3/2018	162	5.82	146.92	25.16														
10/30/2019	151	2.65	149.55	25.14														
10/28/2020	131	3.92	148.82	25.2														
10/4/2021	132	3.15	149.59	25.2														
10/3/2022	131	4.2	148.54	25.2														
MW09-901																		
10/29/2013	195	10.63	154.47	22.8														
10/21/2014	266	9.7	155.4	22.8														
10/27/2015	318	9.48	155.62	22.82														
10/25/2016	353	10.5	154.6	22.82														
10/24/2017	392	11.92	153.18	22.8														
10/2/2018	390	11	154.1	22.82														
10/29/2019	333	5.89	159.21	22.82														
10/27/2020	341	8.15	156.95	22.81														
10/5/2021	346	7.3	157.8	22.81														
10/4/2022	286	7.8	157.3	22.81														
P-04-02R																		
10/28/2015	700	11.8	158.92	37.98														
10/26/2016	629	12.81	157.91	37.96														
10/25/2017	481	13.5	155.24	38														
10/3/2018	456	13.25	155.49	38														
10/30/2019	331	11.5	159.22	38														
10/28/2020	284	13.18	157.54	37.88														
10/6/2021	274	13.88	156.84	37.88														
10/4/2022	229	13	157.72	37.88														
P-04-04																		
10/30/2013	194	10.01	159.24	32.26														
10/22/2014	165	9.35	159.9	32.28														
10/28/2015	161	9.06	160.19	32.31														

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(P-04-04)	Specific Conductance	Water Level Depth	Water Level Elevation	Well Depth														
Date	µmhos/cm @25°C	Feet	Feet	Feet														
10/26/2016	184	10.53	158.72	32.3														
10/25/2017	189	10.8	158.45	32.34														
10/3/2018	196	10.92	158.33	32.34														
10/30/2019	187	9.2	160.05	32.34														
10/28/2020	167	10.8	158.45	37.1														
10/6/2021	175	10.2	159.05	37.1														
10/4/2022	194	10.52	158.73	37.1														
P-201A																		
10/30/2013	232	2.65	146.9	22.95														
10/21/2014	78	2.99	146.56	Q														
11/6/2014		2.28	147.27															
10/28/2015	119	2.45	147.1	21.62														
10/25/2016	85	3.18	146.37	21.62														
10/26/2017	73	2.72	146.83	21.62														
10/2/2018	187	3.4	146.15	21.62														
10/29/2019	176	1.99	147.56	21.62														
10/27/2020	186	2.86	146.69	22.48														
10/7/2021	124	2.21	147.34	22.48														
10/4/2022	197	3.02	146.53	22.48														
P-201B																		
10/30/2013	147	0	152.18	69.3														
10/21/2014	124	F1		70.7														
11/6/2014		0.62	151.56															
10/28/2015	77	F1		70.7														
10/25/2016	158	F1		70.12														
10/26/2017	104	F1		70.12														
10/2/2018	138	F1		70.12														
10/29/2019	148	0.19	151.99	70.12														
10/27/2020	116	2.66	149.52	73.97														
10/7/2021	115	2.13	150.05	73.97														
10/4/2022	123	2.23	149.95	73.97														
P-201C																		
10/30/2013	264	2.2	149.99	68.15														
10/21/2014	150	3.76	148.43	67.82														
11/6/2014		F1																
10/28/2015	150	0.77	151.42	67.82														
10/25/2016	160	2.4	149.79	67.82														
10/26/2017	123	2.18	150.01	67.82														
10/2/2018	156	5.65	146.54	67.82														
10/29/2019	150	2.62	149.57	67.82														
10/27/2020	141	4.39	147.8	68.05														
10/7/2021	126	2.19	150	68.05														
10/4/2022	124	3.7	148.49	68.05														
P-201D																		
10/30/2013	279	2.57	148.76	49.8														
10/21/2014	153	3.02	148.31	49.42														
11/6/2014		2.14	149.19															

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(P-201D)	Specific Conductance	Water Level Depth	Water Level Elevation	Well Depth														
Date	µmhos/cm @25°C	Feet	Feet	Feet														
10/28/2015	142	2.15	149.18	49.42														
10/25/2016	164	3.57	147.76	49.42														
10/26/2017	122	3.05	148.28	49.42														
10/2/2018	157	3.75	147.58	49.92														
10/29/2019	149	2.11	149.22	49.92														
10/27/2020	134	3.22	148.11	48.57														
10/7/2021	132	0.78	150.55	48.57														
10/4/2022	126	3.34	147.99	48.57														
P-201E																		
10/30/2013	281	1.11	151.15	44.15														
10/21/2014	130	2.04	150.22	42.5														
11/6/2014		F1																
10/28/2015	151	0.7	151.56	42.5														
10/25/2016	164	2.39	149.87	42.5														
10/26/2017	117	1.94	150.32	42.5														
10/2/2018	150	2.6	149.66	42.5														
10/29/2019	135	2.11	150.15	42.5														
10/27/2020	122	2.02	150.24	43.1														
10/7/2021	214	2.24	150.02	43.1														
10/4/2022	113	2.03	150.23	43.1														
P-202A																		
10/28/2013	236	2.2	147.18	32.15														
10/20/2014	164	3.16	146.22	21.31														
11/6/2014		2.2	147.18															
10/27/2015	179	2.25	147.13	21.31														
10/26/2016	191	3.59	145.79	21.31														
10/26/2017	132	2.9	146.48	21.31														
10/2/2018	110	4.5	144.88	6.31														
10/30/2019	89	1.94	147.44	6.31														
10/28/2020	99	2.98	146.4	21.18														
10/4/2021	F21	F21		F21														
10/3/2022	F21	F21		F21														
P-202B																		
10/28/2013	191	2.25	147.12	21.4														
10/20/2014	168	2.29	147.08	6.31 Q														
11/6/2014		2.75	146.62															
10/27/2015	173	2.85	146.52	6.31 Q														
10/26/2016	194	2.97	146.4	6.31 Q														
10/26/2017	138	3.63	145.74	6.31														
10/2/2018	144	3.15	146.22	21.31														
10/30/2019	116	2.29	147.08	21.31														
10/28/2020	87	2.31	147.06	6.02														
10/4/2021	F21	F21		F21														
10/3/2022	F21	F21		F21														
P-206A																		
10/28/2013	126	22.9	181.61	93.5														
10/20/2014	128	25.7	178.81	93.48														

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(P-206A)	Specific Conductance	Water Level Depth	Water Level Elevation	Well Depth														
Date	µmhos/cm @25°C	Feet	Feet	Feet														
10/26/2015	146	24.9	179.61	93.45														
10/24/2016	192	28.2	176.31	93.43														
10/23/2017	221	27.6	176.91	93.45														
10/1/2018	234	28.4	176.11	93.43														
10/28/2019	218	24.8	179.71	93.43														
10/26/2020	F5	30 A6	174.51	93.15														
10/4/2021	249	27.3	177.21	93.15														
10/3/2022	214	28.5	176.01	93.15														
P-209A																		
10/29/2013	84	9.3	169.49	56.1														
10/21/2014	82	22.21	156.58	55.82														
11/6/2014		3.25	175.54															
10/28/2015	70	41.2	137.59	55.82														
10/25/2016	199	25.92	152.87	55.82														
10/26/2017	56	22.11	156.68	55.82														
10/3/2018	59	25.65	153.14	55.82														
10/29/2019	89	F1		55.82														
10/27/2020	72	23.73	155.06	54.644														
10/5/2021	63	1.89	176.9	54.64														
10/3/2022	46	21.95	156.84	54.64														
P-209B																		
10/29/2013	124	9.4	169.42	30.83														
10/21/2014	184	22.35	156.47	30.65														
11/6/2014		4.28	174.54															
10/28/2015	125	3.62	175.2	30.65														
10/25/2016	124	26.17	152.65	30.65														
10/26/2017	77	22.85	155.97	30.65														
10/3/2018	103	25.84	152.98	30.65														
10/29/2019	85	0.12	178.7	30.65														
10/27/2020	84	23.95	154.87	30.81														
10/5/2021	51	1.92	176.9	30.81														
10/3/2022	88	22.03	156.79	30.81														
P-209C																		
10/29/2013	D	12.61	166.27	12.63														
10/21/2014	D	D		9.82														
11/6/2014		D																
10/28/2015	D	D		9.82														
10/25/2016	D	D		9.82														
10/26/2017	D	D		9.82														
10/3/2018	D	D		9.82														
10/29/2019	61	2.85	176.03	9.82														
10/27/2020	D	D		9.87														
10/5/2021	D	D		9.87														
10/3/2022	D	D		9.87														
P-211A																		
10/29/2013	215	7.4	176.17	25.63														
10/21/2014	180	5.5	178.07	25.62														

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Conductivity and Water Levels

(P-211A)	Specific Conductance	Water Level Depth	Water Level Elevation	Well Depth														
Date	µmhos/cm @25°C	Feet	Feet	Feet														
11/6/2014		4.21	179.36															
10/26/2015	196	4.7	178.87	25.6														
10/24/2016	281	8.3	175.27	25.58														
10/23/2017	364	8.35	175.22	25.68														
10/2/2018	392	9.2	174.37	13.25														
10/29/2019	437	5.3	178.27	25.43														
10/28/2020	422	6.42	177.15	25.65														
10/6/2021	515	7.08	176.49	25.67														
10/5/2022	377	7.4	176.17	25.67														

P-211B																		
10/29/2013	194	7.8	176.17	13.5														
10/21/2014	249	5.7	178.27	13.44														
11/6/2014		4.36	179.61															
10/26/2015	282	5.4	178.57	13.5														
10/24/2016	284	7.8	176.17	13.5														
10/23/2017	477	8.2	175.77	13.5														
10/2/2018	506	9.15	174.82	25.65														
10/29/2019	482	5.4	178.57	13.23														
10/28/2020	473	6.4	177.57	13.5														
10/6/2021	469	6.75	177.22	13.5														
10/5/2022	449	7.3	176.67	13.5														

P-220A																		
10/28/2013	186	F1	147.99	41.02														
10/20/2014	152	F1		40.8														
11/6/2014		F1																
10/27/2015	187	F1		40.8														
10/25/2016	189	0.37	147.62	40.8														
10/26/2017	137	0.35	147.64															
10/2/2018	177	0.35	147.64	40.8														
10/30/2019	F12	F12		F12														
10/26/2020	A	A		A														
10/4/2021	F21	F21		F21														
10/3/2022	F21	F21		F21														

P-220B																		
10/28/2013	205	F1	148.05	22.88														
10/20/2014	154	F1		22.8														
11/6/2014		F1																
10/27/2015	201	F1		22.78														
10/25/2016	181	0.63	147.42	22.78														
10/26/2017	134	0.57	147.48															
10/2/2018	110	0.47	147.58	22.78														
10/30/2019	F12	F12		F12														
10/26/2020	A	A		A														
10/4/2021	F21	F21		F21														
10/3/2022	F21	F21		F21														

(P-220B)	Specific Conductance	Water Level Depth	Water Level Elevation	Well Depth
Date	µmhos/cm @25°C	Feet	Feet	Feet

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.
- A6- Approximate value.
- D- The sampling location was dry.
- F1- Well was flowing
- F12- Pipe under water, no sample taken.
- F21- Area flooded by water. Beaver dam in area.
- F5- Water level not high enough to pump.
- Q- An obstruction prevented the collection of data.

APPENDIX D

2022 AND HISTORICAL WATER QUALITY DATA

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 CUMBERLAND CENTER, ME 04021

(DP-4)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs

DP-4														
4/24/2013	XX	GWXXXX5IH	293	6.5	7.2	14.38	154.99	169.37		240	1	70	10	
10/30/2013	XX	GWDP4X689	273	5.8	10.7	14.9	154.47	169.37	27.06	217	0.8	70	3.9	
10/21/2014	XX	GWDP4X72C	239	6.7	13.1	14.65	154.72	169.37	27.05	343	0.8	75	0.6	
10/28/2015	XX	GWDP4X7J6	278	6.6	10.5	14.57	154.8	169.37	27.05	257	0.9		3	
10/26/2016	XX	GWDP4X908	267	6.5	10.2	15	154.37	169.37	27.1	296	0.6		7	
10/23/2017	XX	GWDP4X9I7	201	6.2	14.3	17.02	152.35	169.37	22.17	284	0.4		5.5	
10/3/2018	XX	GWDP4XB25	214	6.3	12.3	15.25	154.12	169.37	27.16	285	1.4		4.7	
10/28/2019	XX	GWDP4XBJ5	272	6.5	10.7	14.91	154.46	169.37	27.1	236	0.5		14.9	
10/26/2020	XX	GWDP4XD49	249	6.4	11.8	15.1	154.27	169.37	27.12	315	0.6		12.5	
10/4/2021	XX	GWDP4XE7A	268	6.1	14.8	14.78	154.59	169.37		193	0.7		4.9	
4/25/2022	XX	GWDP4XF21	236	5.9	10.3	14.67	154.7	169.37		204	0.8		5	
10/5/2022	XX	GWDP4XG00	248	6.3	15.4	14.35	155.02	169.37	27.12	219	0.8		3.5	

LF-COMP														
1/30/2013	XX	LFCMPX60E	239	7.1	15.1					426	7	100	9.85	
2/15/2013	XX	LFCMPX602	306	7.5	13.5					407	6	145	3.75	
3/28/2013	XX	LFCMPX617	294	8	16.7					333	8	170	0.74	
4/24/2013	XX	LFCMPX61J	262	7.1	15.9					347	6	160	0.39	
5/30/2013	XX	LFCMPX62B	271	7.3	20.4					331	8	160	0.4	
6/26/2013	XX	LFCMPX633	311	7.8	20.2					397	8	150	1.48	
8/20/2013	XX	LFCMPX69D	397	7.1	25.3					383	6	150	0.44	
9/26/2013	XX	LFCMPX691	384	8.1	18.3					399	8	125	0.72	
11/25/2013	XX	LFCMPX6A6	370	8.4	7.2					371	8	160	0.32	
12/17/2013	XX	LFCMPX6D6	359	7.5	8.9					433	8	185	5.86	
1/24/2014	XX	LFCMPX6DI	360	7.4	7.2					342	8	170	2.17	
2/24/2014	XX	LFCMPX6HF	387	7.5	11.4					397	9 E2	200	1.46	
3/27/2014	XX	LFCMPX6H3	383	8.1	13.7					334	8	200	2.22	
4/29/2014	XX	LFCMPX6I7	354	7.9	17.5					333	8	180	0.76	
5/23/2014	XX	LFCMPX716	390	7.7	21.5					355	8	200	0.63	
6/24/2014	XX	LFCMPX71I	442	7.2	21.6					370	6	190	0.74	
8/26/2014	XX	LFCMPX74I	M7	M7	M7					M7	M7	M7	M7	
9/23/2014	XX	LFCMPX759	449	7.6	23.1					345	8	165	0.09	
11/28/2014	XX	LFCMPX761	366	7.3	15.6					366	6	150	M	
12/24/2014	XX	LFCMPX76E	398	7	17.3					438	6	150	0.89	
2/3/2015	XX	LFCMPX775	383	7.4	14.3					386	5	185	0.03	
2/21/2015	XX	LFCMPX77G	321	7.5	17.7					369	4.5	185	0.63	
3/28/2015	XX	LFCMPX7AE	372	7.3	15.8					409	6	150	0.65	
9/26/2015	XX	LFCMPX809	314	6.7	21.4					380	8	160	0.5	
11/27/2015	XX	LFCMPX81D	312	7	15					377	8	170	0.81	
12/2/2015	XX	LFCMPX7GG	317	7	20.2					361	6	160	0.2	
8/29/2016	XX	LFCMPX90J	454	6.9	24.6					337	8	220	2.9	
9/23/2016	XX	LFCMPX93I	458	7.52	19					304	9	230	2.1	
10/31/2016	XX	LFCMPX94C	426	8.21	14.3					314	8	125	0.4	
11/29/2016	XX	LFCMPX957	218	7.39	12.3					357	6	150	0.9	
12/13/2016	XX	LFCMPX960	196	8.06	5.6					345	10	140	1	
1/10/2017	XX	LFCMPX99J	223	7.77	15.1					373	8	145	0.4	
2/8/2017	XX	LFCMPX9AC	311	7.71	14.2					358	9	125	0.4	
3/3/2017	XX	LFCMPX9B5	194	7.74	16					352	7	130	0.5	

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(LF-COMP)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/5/2017	XX	LFCMPX996	206	7.95	18.7					349	8	105	3.6	
7/31/2017	XX	LFCMPX9FC	468	7.3	23.9					391	6	250	0.8	
9/28/2017	XX	LFCMPX9JE	492	7.4	18.9					360	8	240	7.1	
10/26/2017	XX	LFCMPXA06	473	6.9	17.7					414	6	160	1.3	
4/28/2018	XX	LFCMPXAAH	395	7.8	16.2					384	8	150	0.3	
6/2/2018	XX	LFCMPXAE1	433	8	19.7					365	7	130	0.3	
7/2/2018	XX	LFCMPXAJ1	483	8	22.4					367	7	180	0.2	
8/17/2018	XX	LFCMPXAJ2	498	7	22.8					355	7	200	5.6	
9/1/2018	XX	LFCMPXB28	485	7.8	19.9					376	7	200	4.8	
10/13/2018	XX	LFCMPXB32	481	7	14.9					374	7	190	1.7	
11/2/2018	XX	LFCMPXB3G	399	7.1	11.3					361	7	150	2.8	
12/7/2018	XX	LFCMPXB7F	309	8	8.4					374	7	175	1.1	
1/3/2019	XX	LFCMPXB89	446	6.7	4.9					373	8	150	2	
2/2/2019	XX	LFCMPXB93	409	7.5	3.2					410	8	200	7	
3/2/2019	XX	LFCMPXB9H	423	7	5					372	7	200	2.2	
4/5/2019	XX	LFCMPXBAB	382	8.2	12.9					354	8	155	1.9	
5/10/2019	XX	LFCMPXBE3	344	7	14.4					321	7	160	3.7	
6/24/2019	XX	LFCMPXBEH	395	7.5	17.1					364	8	200	0.5	
7/30/2019	XX	LFCMPXBFB	410	8	20.6					337	8	210	2.5	
8/20/2019	XX	LFCMPXBG5	376	7.6	25.3					357	6	180	0.3	
9/20/2019	XX	LFCMPXBJI	453	7.2	21.5					370	6	200	0.2	
10/14/2019	XX	LFCMPXC0C	410	7.8	18.9					339	6	200	0.3	
11/27/2019	XX	LFCMPXC16	353	7.7	20					384	8	190	1.1	
12/23/2019	XX	LFCMPXC2G	394	7.9	12.7					353	8	135	0.3	
1/17/2020	XX	LFCMPXC3B	374	8.2	11.6					377	10	175	2.4	
2/4/2020	XX	LFCMPXC46	378	8.3	12.4					337	10	175	0.2	
3/27/2020	XX	LFCMPXCF3	328	7.3	11.7					415	6	200	0.4	
4/29/2020	XX	LFCMPXCFH	380	8.2	16.9					334	6	200	0.4	
5/27/2020	XX	LFCMPXCJG	438	7.2	18.4					346	6	200	0.2	
6/28/2020	XX	LFCMPXD0A	401	7.3	21.9					338	5	210	2.8	
7/11/2020	XX	LFCMPXD14	429	7.1	20.7					361	5	250	1.1	
8/3/2020	XX	LFCMPXD52	485	7	21.5					374	6	250	0.6	
9/27/2020	XX	LFCMPXD5I	402	7.2	17.7					409	6	250	14.2	
10/31/2020	XX	LFCMPXD6C	417	8.2	14.3					397	8	250	0.6	
11/29/2020	XX	LFCMPXD76	320	7.6	15.3					410	6	175	15.6	
12/13/2020	XX	LFCMPXD80	217	7	12.5					380	5	105	67.9	
1/10/2021	XX	LFCMPXDDE	258	7.1	15.5					397	6	125	28	
2/28/2021	XX	LFCMPXDE0	101	7.2	10.5					361	8	55	52.4	
3/30/2021	XX	LFCMPXDFC	364	7.1	12.7					412	8	200	181.1	
4/6/2021	XX	LFCOMPDG6	318	7	5.4					346	6.3		2.3	
4/29/2021	XX	LFCMPXDH8	426	7.5	15.4					381	8	250	2.2	
5/19/2021	XX	LFCMPXDI2	440	7.7	21.4					406	8	230	1.4	
6/2/2021	XX	LFCMPXE2D	394	7.9	20.1					334	7	230	3.1	
7/16/2021	XX	LFCMPXE39	473	7.1	24.8					388	6	250	3.9	
8/3/2021	XX	LFCMPXEFB	504	7.5	23.1					404	6	210	82.8	
9/18/2021	XX	LFCMPXEDD	450	7.1	19.4					365	6	225	14.4	
10/16/2021	XX	LFCMPXECC	370	7.1	17.4					359	8	250	7.1	
11/20/2021	XX	LFCMPXEHA	281	7.3	13.7					329	5	150	18.3	
12/18/2021	XX	LFCMPXEIC	365	7.7	13					341	7	145	13.7	
1/16/2022	XX	LFCMPXF48	281	7.1	15.6					343	10	80	3.7	

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(LF-COMP)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
2/20/2022	XX	LFCMPXF58	275	7.2	12					313	5	65	12.4	
3/20/2022	XX	LFCMPXF68	292	7	10.7					350	9	130	8.9	
4/15/2022	XX	LFCMPXFBJ	244	7.2	18.5					306	6	125	10	
5/10/2022	XX	LFCMPXFCJ	398	7.5	19.5					343	8	200	625.23	
6/7/2022	XX	LFCMPXFE9	483	8	20.7					327	8	325	13.2	
7/21/2022	XX	LFCMPXFF9	449	7.6	22.7					318	7	300	9.9	
8/8/2022	XX	LFCMPXG2I	370	7.2	18.6					365	6	175	4.9	
9/2/2022	XX	LFCMPXG5A	364	7.3	18.2					359	6	175	5	
10/6/2022	XX	LFCMPXG8C	423	7.8	13.4					293	6	200	8.7	
11/4/2022	XX	LFCMPXGA3	291	7	10					328	6	125	2.6	
12/5/2022	XX	LFCMPXG8	295	7	9.2					325	6	150	2.5	
LF-LD-11														
4/7/2021	XX	LFXXXXG7	795	6.7	18.4					130	2.5		2.1	0.0316
7/13/2021	XX	LFXXXXE1C	723	6.5	21.2					195	1.5		0.3	0.0348
8/3/2021	XX	LFXXXXEG8	847	6.8	24.2					420	4	300	0.8	
8/18/2021	XX	LFLD11EGD	864	6.8	24.3					372	4	300	0.8	
8/30/2021	XX	LFLD11EGH	844	6.9	22.8					359	4	350	1.4	
9/18/2021	XX	LFXXXXEEA	869	6.8	21					338	4	500	2.3	
10/5/2021	XX	LFXXXXE88	744	6.5	17.1					261	1.7		0.3	0.0343
10/23/2021	XX	LFLD11EGK	884	6.8	21.1					368	3	350	1.4	
11/7/2021	XX	LFXXXXE16	739	6.3	20.2					364	4	450	1.2	
11/20/2021	XX	LFLD1XEI9	740	6.9	15.9					336	3	300	4.9	
12/4/2021	XX	LFXXXXEJ8	748	6.5	16.3					241	5	450	3.8	
12/18/2021	XX	LFLD1XEJB	770	6.5	16.7					148	4	125	15	
1/4/2022	XX	LFLD1XF57	738	6.6	16.9					367	4	250	2.8	
1/16/2022	XX	LFXXXXF54	739	7	15.9					356	7	370	4.6	
2/7/2022	XX	LFXXXXF64	804	6.9	18.7					352	4	500	2.6	
2/16/2022	XX	LFLD1XF67	731	7.9	13.2					344	9	225	4.9	
3/7/2022	XX	LFXXXXF74	1210	6.5	20.4					273	5	300	36.6	
3/20/2022	XX	LFLD1XF77	1245	6.4	15.6					135	3	350	24.6	
4/1/2022	XX	LFLD1XFCI	1197	6.4	20.6					178	5	500	11.3	
4/15/2022	XX	LFXXXXFCF	1027	6.8	19.5					222	5	500 <	4.7	
4/28/2022	XX	LFXXXXF2E	857	6.5	15.5					233	3.2		1.8	
5/10/2022	XX	LFLD1XFDI	895	7	19.7					293	5	500	5.5	
5/25/2022	XX	LFXXXXFDF	767	7	20.9					233	3	325	3.2	
6/7/2022	XX	LFXXXXFF5	945	7.1	21.1					339	8	500	7	
6/20/2022	XX	LFXXXXFGD	916	7.1	18.2					336	6	400	1.9	
7/1/2022	XX	LFXXXXFG5	906	7	23.9					233	6	450	1.6	
7/19/2022	XX	LFXXXXFA9	817	6.7	20.8					193	1.9		0.5	0.0341
7/21/2022	XX	LFLD1XFG8	893	7	22.8					237	6	425	1.9	
8/8/2022	XX	LFXXXXG3E	899	7.1	19.2					300	6	450	1.3	
8/22/2022	XX	LFXXXXG52	915	7	19.1					315	5	450	2.1	
9/2/2022	XX	LFXXXXG66	926	6.9	19.4					366	5	500	1.3	
9/15/2022	XX	LFLD1XG4F	918	6.9	19.6					362	6	450	2.2	
10/4/2022	XX	LFXXXXG0D	771	6.8	18.8					302	5		0.4	
10/6/2022	XX	LFXXXXG98	881	7	16.8					323	5	350	1.8	
10/24/2022	XX	LFLD1XG8B	906	7.1	18.9					325	6	350	1.3	
11/4/2022	XX	LFXXXXGAJ	861	6.8	15.7					334	5	300	1.2	
11/21/2022	XX	LFLD1XGA2	857	7.1	17.6					326	4	300	1.2	

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 CUMBERLAND CENTER, ME 04021

(LF-LD-11)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
12/5/2022	XX	LFXXXXGD4	857	6.8	15.3					335	6	300	1.3	
12/26/2022	XX	LFLD1XGC7	850	7	16.1					325	6	300	1.3	
LF-LD-12														
4/7/2021	XX	LFXXXXDG8	444	4.3	17.7					252	3.7		2.3	
7/13/2021	XX	LFXXXXE1D	369	6	19.9					306	0.8		0.2	
8/3/2021	XX	LFXXXXEG9	639	6.3	23.9					389	3	300	6.2	
8/18/2021	XX	LFLD12EGF	689	6.2	22.1					347	1	350	8.8	
8/30/2021	XX	LFLD12EGJ	700	6.5	22.2					340	5	350	3.2	
9/18/2021	XX	LFXXXXEEB	737	6.4	21					317	2	350	2	
10/5/2021	XX	LFXXXXE89	563	6.3	16.8					212	1.3		0.3	0.0245
10/23/2021	XX	LFLD12EGL	F6	F6	F6					F6	F6		F6	F6
11/7/2021	XX	LFXXXXE17	528	6.1	19.7					357	2	250	6	
11/20/2021	XX	LFXXXXE1A	587	6.2	17.2					334	2	300	4.2	
12/4/2021	XX	LFXXXXEJ9	615	6.2	17.4					131	2	250	5.3	
12/18/2021	XX	LFXXXXEJD	573	6	17.8					111	2	255	7.2	
1/4/2022	XX	LFXXXXF55	506	6.2	17.1					164	1	160	15.3	
1/16/2022	XX	LFXXXXF78	528	6.5	15.4					363	5	340	4.9	
2/7/2022	XX	LFXXXXF65	504	6.7	18					211	6	250	3	
2/16/2022	XX	LFXXXXF7A	544	6.8	16.1					352	6	250	14.2	
3/7/2022	XX	LFXXXXF75	627	6.6	19.2					223	7	200	10.8	
3/20/2022	XX	LFXXXXF7C	621	6.3	18.4					74	4	475	47.8	
4/1/2022	XX	LFXXXXFCG	581	6.4	19.8					121	4	250	5.6	
4/15/2022	XX	LFXXXXFDJ	497	6.4	19.8					257	3	250	10.2	
4/28/2022	XX	LFXXXXF2F	470	6.2	17.2					220	1.2		2.2	0.0203
5/10/2022	XX	LFXXXXFDG	547	6.5	21.1					235	4	275	6.5	
5/25/2022	XX	LFXXXXFE2	577	6.4	20.4					202	2	275	2.3	
6/7/2022	XX	LFXXXXFF6	528	6.5	21.3					298	6	250	1.9	
6/20/2022	XX	LFXXXXFGF	529	6.5	18.3					290	3	250	1.1	
7/1/2022	XX	LFXXXXFG6	539	6.4	23.3					243	3	325	1.4	
7/19/2022	XX	LFXXXXFAA	490	6.2	21.8					226	0.9		0.6	0.0207
7/21/2022	XX	LFXXXXFHE	545	6.6	23					238	4	350	1.4	
8/8/2022	XX	LFXXXXG3F	531	6.7	19.3					313	5	350	3.3	
8/22/2022	XX	LFXXXXG54	525	6.9	19.1					303	5	325	3.4	
9/2/2022	XX	LFXXXXG6D	553	6.4	20.6					327	5	250	2	
9/15/2022	XX	LFXXXXG67	539	6.8	19.6					335	5	275	1.8	
10/4/2022	XX	LFXXXXG0E	459	6.4	19.9					337	2.4		0.8	
10/6/2022	XX	LFXXXXG99	526	6.4	19.1					319	4	300	2.5	
10/24/2022	XX	LFXXXXG9F	574	6.6	19.7					325	4	250	2	
11/4/2022	XX	LFXXXXGB0	554	6.1	17.6					279	4	200	2.3	
11/21/2022	XX	LFXXXXGB6	569	6.6	17.6					331	5	350	2.9	
12/5/2022	XX	LFXXXXGD5	550	6.2	15.8					281	4	200	2.4	
12/26/2022	XX	LFXXXXGDB	565	6.7	16.1					326	6	300	3	
LF-LD-13														
9/14/2021	XX	LFXXXXEE7	373	7	21					346	7	75	209	
10/7/2021	XX	LFXXXXEF6	381	7	22.7					361	8	70	1.4	
10/23/2021	XX	LFLD13EGM	305	6.7	18.6					349	4	90	3.1	
11/7/2021	XX	LFXXXXE14	226	6.3	19					343	4	85	9.2	
11/20/2021	XX	LFXXXXE1B	234	6.7	17.3					321	4	80	1.3	

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(LF-LD-13)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
12/4/2021	XX	LFXXXXEJ6	275	6.7	17.2					148		125	0.9	
12/18/2021	XX	LFXXXXEJC	264	6.6	17.8					123	5	90	1.1	
1/4/2022	XX	LFXXXXF52	230	6.7	16.9					164	5	100	1.2	
1/16/2022	XX	LFXXXXF79	261	6.8	15.6					359	6	75	2.3	
2/7/2022	XX	LFXXXXF62	233	6.9	17.2					197	5	100	1.8	
2/16/2022	XX	LFXXXXF7B	243	7	17.1					345	9	85	1.7	
3/7/2022	XX	LFXXXXF72	185	6.8	19.1					224	6	90	2	
3/20/2022	XX	LFXXXXF7D	340	6.7	18.7					115		125	2.6	
4/1/2022	XX	LFXXXXFCD	341	6.7	19.8					140	5	150	1.1	
4/15/2022	XX	LFXXXXFE0	328	6.7	19.8					273	5	130	2	
4/28/2022	XX	LFXXXXF47	214	6.7	27.9					229	3.6		0.8	0.0158
5/10/2022	XX	LFXXXXFDD	269	6.9	20.6					242	5	100	1.1	
5/25/2022	XX	LFXXXXFE1	244	6.6	20.2					238	4	90	0.8	
6/7/2022	XX	LFXXXXFF3	282	6.7	21.4					286	5	100	0.9	
6/20/2022	XX	LFXXXXFF4	256	6.7	18.2					287	5	100	0.9	
7/1/2022	XX	LFXXXXFG3	308	6.6	22.8					253	4	125	0.4	
7/19/2022	XX	LFXXXXFB4	320	6.2	21.6					273	1.3		0.8	0.0131
7/21/2022	XX	LFXXXXFHB	330	6.5	23.1					257	5	250	1.2	
8/8/2022	XX	LFXXXXG3C	276	7	19.4					267	5	125	9.8	
8/22/2022	XX	LFXXXXG56	290	7	19.2					285	5	175	7.8	
9/2/2022	XX	LFXXXXG64	349	6.3	20.4					317	5	175	1.8	
9/15/2022	XX	LFXXXXG4B	376	6.7	20.1					332	5	200	2.2	
10/4/2022	XX	LFXXXXG20	292	7.2	19.8					320	4.8		0.5	
10/6/2022	XX	LFXXXXG96	339	6.5	19.4					304	5	175	1.1	
10/24/2022	XX	LFXXXXG88	333	6.7	19.7					265	5	125	4.7	
11/4/2022	XX	LFXXXXGAH	346	6.1	17.1					291	5	200	3.9	
11/21/2022	XX	LFXXXXG9J	316	6.6	18					318	6	175	12.1	
12/5/2022	XX	LFXXXXGD2	342	6.2	15.8					295	6	200	3.8	
12/26/2022	XX	LFXXXXGC4	323	6.7	16.1					321	6	175	9.4	
LF-LD-14														
7/26/2022	XX	LFXXXXFHF	397	7	22.2					288	6	200	2.1	
8/8/2022	XX	LFXXXXG4H	419	7.3	18.9					268	6	225	5.5	
8/22/2022	XX	LFXXXXG58	436	7.1	19					294	5	250	5.2	
9/2/2022	XX	LFXXXXG6F	477	7	19.6					183	5	200	18.3	
9/15/2022	XX	LFXXXXG6A	483	7	20.1					187	6	200	15.8	
10/4/2022	XX	LFXXXXG29	407	6.8	14.3					308	3.1		2.6	
10/6/2022	XX	LFXXXXG9H	319	6.5	19.3					294	6	200	11.8	
10/24/2022	XX	LFXXXXG9C	470	7.1	19.5					252	6	225	14	
11/4/2022	XX	LFXXXXGB3	472	6.6	17.2					274	6	275	2.8	
11/21/2022	XX	LFXXXXGB8	466	7	18.1					298	5	200	4.7	
12/5/2022	XX	LFXXXXGD8	469	6.7	15.8					277	6	275	2.7	
12/26/2022	XX	LFXXXXGDD	471	7.1	16.1					300	6	200	4.5	
LF-UD-1														
1/30/2013	XX	LFUD1X606	295	7.1	13.3					380	6	125	0.65	0.0002
2/15/2013	XX	LFUD1X5JE	298	7.5	10					404	6	145	0.7	0.0002
3/28/2013	XX	LFUD1X60J	291	8.1	14.1					359	8	150	0.41	0.0002
4/23/2013	XX	LFUD1X5I6	358	7.5	16.1					270	5	100	1.1	0.0022
4/24/2013	XX	LFUD1X61B	230	7.1	14.6					331	8	150	0.28	0.0002

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(LF-UD-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
5/30/2013	XX	LFUD1X623	240	7.5	25.9					342	8	125	0.16	0.0003			
6/26/2013	XX	LFUD1X62F	308	7.8	19.5					366	8	175	0.81	0.0003			
7/30/2013	XX	LFUD1X64B	362	6.8	21.5					262	6	100	0.9	0.0022			
8/20/2013	XX	LFUD1X695	348	7	23.6					388	6	125	0.75	0.0001			
9/26/2013	XX	LFUD1X68D	334	7.9	18.1					420	8	125	0.65	0.0003			
10/29/2013	XX	LFUD1X674	F6	F6	F6					F6	F6	F6	F6	F6			
11/25/2013	XX	LFUD1X69I	H8	H8	H8					H8	H8	H8	H8	H8			
12/17/2013	XX	LFUD1X6CI	317	7.5	8.8					334	10	160	3.52	0.0002			
1/24/2014	XX	LFUD1X6DA	325	8	6.2					284	10	150	1.3	0.0003			
2/24/2014	XX	LFUD1X6H7	355	7.3	9.1					400	10	160	0.96	0.0003			
3/27/2014	XX	LFUD1X6GF	311	8.2	8.2					362	10	175	3.15	0.0004			
4/22/2014	XX	LFUD1X6F7	388	6.9	13.2					524	5	120	2.2	0.0017			
4/29/2014	XX	LFUD1X6HJ	310	8.1	15.7					324	10	175	1.78	0.0006			
5/23/2014	XX	LFUD1X70I	350	7.4	20					357	10	175	0.4	0.0003			
6/24/2014	XX	LFUD1X71A	369	7	20.6					371	8	170	0.27	0.0004			
7/29/2014	XX	LFUD1X6JE	368	7	21					337	5	40	8.1	0.0022			
8/26/2014	XX	LFUD1X74A	366	7.2	23.1					385	7	175	0.29	0.0006			
9/23/2014	XX	LFUD1X751	360	7.6	22.6					353		160	0.05	0.0001			
10/21/2014	XX	LFUD1X735	F6	F6	F6					F6	F6	F6	F6	F6			
11/28/2014	XX	LFUD1X75D	341	7	15.8					383	7	160	M	0.0006			
12/24/2014	XX	LFUD1X766	337	6.9	16.1					413	7	150	0.28	0.0007			
2/3/2015	XX	LFUD1X76H	329	7.9	13.8					384	5.5	140	0.46	0.0006			
2/21/2015	XX	LFUD1X778	267	7.6	17.9					377	5.5	150	0.3	0.0003			
3/28/2015	XX	LFUD1X7A6	339	6.9	13.4					404	5.5	160	0.4	0.0003			
4/16/2015	XX	LFUD1X7AJ	306	7.1	17.6					384	7	150	0.83	0.0006			
4/28/2015	XX	LFUD1X792	401	7.4	16.6					300	6.1		1.8	0.0022			
5/22/2015	XX	LFUD1X7F4	197	7.4	18.8					373	8	150	0.5	0.0002			
6/22/2015	XX	LFUD1X7EC	333	7.8	23.2					326	9	165	0.4	0.0002			
7/14/2015	XX	LFUD1X7CE	411	6.9	20.7					313	4.5		0.5	0.002			
7/23/2015	XX	LFUD1X7FG	330	7.4	23.3					367	6	135	0.7	0.0002			
8/24/2015	XX	LFUD1X7G8	354	7.1	21.1					364	8	195	0.5	0.0001			
9/26/2015	XX	LFUD1X801	425	7.3	21.3					365	7	200	0.1	F14			
10/27/2015	XX	LFUD1X7I3	F6	F6	F6					F6	F6		F6	F6			
10/31/2015	XX	LFUD1X80D	378	8.1	16.1					339	8	170	0.6	0.0002			
11/27/2015	XX	LFUD1X815	326	6.8	15.2					376	9	185	0.2	0.0002			
12/30/2015	XX	LFUD1X81I	332	7.2	11.2					362	9	180	0.7	0.0002			
1/14/2016	XX	LFUD1X82A	347	6.9	9.2					338	7	180	1.2	0.0002			
2/18/2016	XX	LFUD1X882	338	8	10.6					357	8	170	0.1	0.0003			
3/17/2016	XX	LFUD1X88E	341	6.8	13.3					342	9	180	0.7	0.0003			
4/5/2016	XX	LFUD1X86D	404	8.1	15.1					342	6.7		0.8	0.0022			
4/21/2016	XX	LFUD1X896	344	6.8	15.8					297	8	145	0.5	0.0004			
5/26/2016	XX	LFUD1X8CC	341	7.6	17.7					309	8	175	0.2	0.0002			
6/27/2016	XX	LFUD1X8DG	382	6.7	20.6					433	8	175	0.9	0.0007			
7/20/2016	XX	LFUD1X8F0	330	7.1	22.1					328	7	175	0.4	0.00006			
7/26/2016	XX	LFUD1X8B3	I	I	I					I	I		I	I			
8/29/2016	XX	LFUD1X90B	F6	F6	F6					F6	F6		F6	F6			
9/23/2016	XX	LFUD1X93A	F6	F6	F6					F6	F6		F6	F6			
10/25/2016	XX	LFUD1X8J2	F6	F6	F6					F6	F6		F6	F6			
10/31/2016	XX	LFUD1X944	H8	H8	H8					H8	H8		H8	H8			
11/29/2016	XX	LFUD1X94J	H8	H8	H8					H8	H8	H8	H8	H8			

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(LF-UD-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
12/13/2016	XX	LFUD1X95C	H8	H8	H8					H8	H8	H8	H8	H8			
1/10/2017	XX	LFUD1X99B	H8	H8	H8					H8	H8	H8	H8	H8			
2/8/2017	XX	LFUD1X9A4	H8	H8	H8					H8	H8	H8	H8	H8			
3/3/2017	XX	LFUD1X9AH	H8	H8	H8					H8	H8	H8	H8	H8			
4/5/2017	XX	LFUD1X98I	H8	H8	H8					H8	H8	H8	H8	H8			
4/18/2017	XX	LFUD1X978	378	7.3	14					322	8.2		0.8	0.0006			
5/25/2017	XX	LFUD1X9BA	342	7.12	16.7					425	8	125	0.2	0.0003			
6/16/2017	XX	LFUD1X9EB	380	7.8	16.4					356	8	195	0.4	0.0003			
7/25/2017	XX	LFUD1X9D6	423	8.1	20					312	5.9		0.5	0.0006			
7/31/2017	XX	LFUD1X9F4	H8	H8	H8					H8	H8	H8	H8	H8			
8/31/2017	XX	LFUD1X9IE	479	6.9	20.2					386	7	180	0.3	0.0002			
9/28/2017	XX	LFUD1X9J6	H8	H8	H8					H8	H8	H8	H8	H8			
10/25/2017	XX	LFUD1X9H1	F6	F6	F6					F6	F6	F6	F6	F6			
10/26/2017	XX	LFUD1X9JI	H8	H8	H8					H8	H8	H8	H8	H8			
11/30/2017	XX	LFUD1XA0A	444	7.3	11.8					401	6	175	0.3	0.00014			
12/27/2017	XX	LFUD1XA13	424	7.2	10.9					422	8	200	0.4	0.0003			
1/19/2018	XX	LFUD1XA49	437	7.8	6.8					408	10	200	0.5	0.00007			
2/22/2018	XX	LFUD1XA52	384	7.2	6					389	10	150	7.6	0.00006			
3/24/2018	XX	LFUD1XA8I	374	7.4	8.4					428	8	145	1.3	0.00007			
4/3/2018	XX	LFUD1XA30	418	7.8	9					472	11		1.1	0.00167			
4/28/2018	XX	LFUD1XA9B	352	8	15.6					370	10	125	0.5	0.00019			
5/11/2018	XX	LFUD1XAA4	378	7.6	14.3					434	7	125	0.1	0.00019			
6/2/2018	XX	LFUD1XAD8	370	8	18.2					363	8	150	1.1	0.00014			
7/2/2018	XX	LFUD1XA18	397	7.9	20.2					355	7	160	0.9	0.00002			
7/17/2018	XX	LFUD1XAC1	F6	F6	F6					F6	F6	F6	F6	F6			
8/17/2018	XX	LFUD1XAJ3	H8	H8	H8					H8	H8	H8	H8	H8			
9/1/2018	XX	LFUD1XB29	H8	H8	H8					H8	H8	H8	H8	H8			
10/2/2018	XX	LFUD1XB0J	F6	F6	F6					F6	F6	F6	F6	F6			
10/13/2018	XX	LFUD1XB33	H8	H8	H8					H8	H8	H8	H8	H8			
11/2/2018	XX	LFUD1XB3H	H8	H8	H8					H8	H8	H8	H8	H8			
12/7/2018	XX	LFUD1XB7G	H8	H8	H8					H8	H8	H8	H8	H8			
1/3/2019	XX	LFUD1XB8A	H8	H8	H8					H8	H8	H8	H8	H8			
2/2/2019	XX	LFUD1XB94	H8	H8	H8					H8	H8	H8	H8	H8			
3/2/2019	XX	LFUD1XB9I	H8	H8	H8					H8	H8	H8	H8	H8			
4/5/2019	XX	LFUD1XBAC	H8	H8	H8					H8	H8	H8	H8	H8			
4/23/2019	XX	LFUD1XB5G	354	7	6.9					341	7.6		0.4	0.0006			
5/10/2019	XX	LFUD1XBE4	H8	H8	H8					H8	H8		H8	H8			
6/24/2019	XX	LFUD1XBEI	H8	H8	H8					H8	H8		H8	H8			
7/16/2019	XX	LFUD1XBC8	F6	F6	F6					F6	F6		F6	F6			
7/30/2019	XX	LFUD1XBFC	H8	H8	H8					H8	H8		H8	H8			
8/20/2019	XX	LFUD1XBG6	H8	H8	H8					H8	H8		H8	H8			
9/20/2019	XX	LFUD1XB9J	H8	H8	H8					H8	H8		H8	H8			
10/14/2019	XX	LFUD1XC0D	H8	H8	H8					H8	H8		H8	H8			
10/29/2019	XX	LFUD1XB1I	F6	F6	F6					F6	F6		F6	F6			
11/27/2019	XX	LFUD1XC17	H8	H8	H8					H8	H8		H8	H8			
12/23/2019	XX	LFUD1XC2H	355	8.4	12.4					352	8	120	0.6	0.0006			
1/17/2020	XX	LFUD1XC3C	H8	H8	H8					H8	H8	H8	H8	H8			
2/4/2020	XX	LFUD1XC47	H8	H8	H8					H8	H8	H8	H8	H8			
3/27/2020	XX	LFUD1XCF4	H8	H8	H8					H8	H8	H8	H8	H8			
4/28/2020	XX	LFUD1XCD8	F6	F6	F6					F6	F6	F6	F6	F6			

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(LF-UD-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
4/29/2020	XX	LFUD1XCF1	H8	H8	H8					H8	H8	H8	H8	H8			
5/27/2020	XX	LFUD1XCJH	H8	H8	H8					H8	H8	H8	H8	H8			
6/28/2020	XX	LFUD1XD0B	H8	H8	H8					H8	H8	H8	H8	H8			
7/11/2020	XX	LFUD1XD15	H8	H8	H8					H8	H8	H8	H8	H8			
7/21/2020	XX	LFUD1XC11	F6	F6	F6					F6	F6	F6	F6	F6			
8/3/2020	XX	LFUD1XD53	H8	H8	H8					H8	H8	H8	H8	H8			
9/27/2020	XX	LFUD1XD5J	H8	H8	H8					H8	H8	H8	H8	H8			
10/27/2020	XX	LFUD1XD35	F6	F6	F6					F6	F6	F6	F6	F6			
10/31/2020	XX	LFUD1XD6D	H8	H8	H8					H8	H8	H8	H8	H8			
11/29/2020	XX	LFUD1XD77	H8	H8	H8					H8	H8	H8	H8	H8			
12/13/2020	XX	LFUD1XD81	H8	H8	H8					H8	H8	H8	H8	H8			
1/10/2021	XX	LFUD1XDEF	H8	H8	H8					H8	H8	H8	H8	H8			
2/28/2021	XX	LFUD1XDE1	H2	H2	H2					H2	H2	H2	H2	H2			
3/30/2021	XX	LFUD1XDFD	H8	H8	H8					H8	H8	H8	H8	H8			
4/6/2021	XX	LFUD1XDC7	H8	H8	H8					H8	H8	H8	H8	H8			
4/29/2021	XX	LFUD1XDH9	H8	H8	H8					H8	H8	H8	H8	H8			
5/19/2021	XX	LFUD1XD13	H8	H8	H8					H8	H8	H8	H8	H8			
6/2/2021	XX	LFUD1XE2E	H8	H8	H8					H8	H8	H8	H8	H8			
7/13/2021	XX	LFUD1XDJJ	F6	F6	F6					F6	F6	F6	F6	F6			
7/16/2021	XX	LFUD1XE3A	H8	H8	H8					H8	H8	H8	H8	H8			
8/3/2021	XX	LFUD1XEFC	H8	H8	H8					H8	H8	H8	H8	H8			
9/18/2021	XX	LFUD1XEDE	H8	H8	H8					H8	H8	H8	H8	H8			
10/5/2021	XX	LFUD1XE67	F6	F6	F6					F6	F6	F6	F6	F6			
10/16/2021	XX	LFUD1XEED	H8	H8	H8					H8	H8	H8	H8	H8			
11/20/2021	XX	LFUD1XEHB	H8	H8	H8					H8	H8	H8	H8	H8			
12/18/2021	XX	LFUD1XEID	H8	H8	H8					H8	H8	H8	H8	H8			
1/16/2022	XX	LFUD1XF49	H8	H8	H8					H8	H8	H8	H8	H8			
2/20/2022	XX	LFUD1XF59	H8	H8	H8					H8	H8	H8	H8	H8			
3/20/2022	XX	LFUD1XF69	H8	H8	H8					H8	H8	H8	H8	H8			
4/15/2022	XX	LFUD1XFC0	H8	H8	H8					H8	H8	H8	H8	H8			
4/26/2022	XX	LFUD1XF0J	F6	F6	F6					F6	F6	F6	F6	F6			
5/10/2022	XX	LFUD1XFD0	H8	H8	H8					H8	H8	H8	H8	H8			
6/7/2022	XX	LFUD1XFEA	H8	H8	H8					H8	H8	H8	H8	H8			
7/19/2022	XX	LFUD1XF8H	D	D	D					D	D	D	D	D			
7/21/2022	XX	LFUD1XFFA	H8	H8	H8					H8	H8	H8	H8	H8			
8/8/2022	XX	LFUD1XG2J	H8	H8	H8					H8	H8	H8	H8	H8			
9/2/2022	XX	LFUD1XG5B	H8	H8	H8					H8	H8	H8	H8	H8			
10/4/2022	XX	LFUD1XF1I	D	D	D					D	D	D	D	F6			
10/6/2022	XX	LFUD1XG8D	H8	H8	H8					H8	H8	H8	H8	H8			
11/4/2022	XX	LFUD1XGA4	H8	H8	H8					H8	H8	H8	H8	H8			
12/5/2022	XX	LFUD1XGC9	H8	H8	H8					H8	H8	H8	H8	H8			
LF-UD-2																	
1/30/2013	XX	LFUD2X607	186	7	16.4					404	6	85	4.1	0.0022			
2/15/2013	XX	LFUD2X5JF	277	7.7	14.3					407	6	135	0.04	0.0022			
3/28/2013	XX	LFUD2X610	284	8.2	18.2					352	8	140	0.35	0.0006			
4/23/2013	XX	LFUD2X5I7	304	7.4	18.3					285	6	90	1	0.0045			
4/24/2013	XX	LFUD2X61C	229	7.1	17.8					349	8	150	0.04	0.0006			
5/30/2013	XX	LFUD2X624	234	7.4	24.1					329	8	150	0.32	0.0011			
6/26/2013	XX	LFUD2X62G	298	8	21.2					366	8	125	0.58	0.0011			

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Field Parameters

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

(LF-UD-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
7/30/2013	XX	LFUD2X64C	320	7.1	22.9					196	6	105	0.5	0.0056			
8/20/2013	XX	LFUD2X696	348	7	24.8					386	6	135	0.27	0.0011			
9/26/2013	XX	LFUD2X68E	338	8.2	20					398	8	120	0.63	0.0022			
10/29/2013	XX	LFUD2X675	404	7.3	17.3					260	6	120	0.5	0.0022			
11/25/2013	XX	LFUD2X69J	332	8.4	13.4					343	8	125	1.48	0.0011			
12/17/2013	XX	LFUD2X6CJ	327	7.4	9.1					366	8	150	0.46	0.0003			
1/24/2014	XX	LFUD2X6DB	328	7.3	8.7					307	8	130	3.26	0.0013			
2/24/2014	XX	LFUD2X6H8	363	7.5	13.3					387	8	155	0.52	0.0011			
3/27/2014	XX	LFUD2X6GG	342	8.4	13.5					346	8	175	3.43	0.0011			
4/22/2014	XX	LFUD2X6F8	353	7.2	12.5					514	5	110	2.6	0.0033			
4/29/2014	XX	LFUD2X6I0	326	8.3	18.3					320	8	170	0.3	0.0011			
5/23/2014	XX	LFUD2X70J	368	7.4	22.1					357	8	160	0.3	0.0011			
6/24/2014	XX	LFUD2X71B	391	7.1	22.5					365	7	145	0.28	0.0022			
7/29/2014	XX	LFUD2X6JF	361	7.6	21.5					300	6	40	2.6	0.0045			
8/26/2014	XX	LFUD2X74B	417	7.2	23.1					386	6	185	0.37	0.0017			
9/23/2014	XX	LFUD2X752	411	8	23.1					345		175	0	0.0011			
10/21/2014	XX	LFUD2X736	382	7.4	14.4					304	5	70	0.4	0.0022			
11/28/2014	XX	LFUD2X75E	382	7.2	14.7					369	5.5	155	M	0.0004			
12/24/2014	XX	LFUD2X767	384	6.9	17.7					431	5	125	0.16	0.0022			
2/3/2015	XX	LFUD2X76I	368	8.1	16.1					370	7	160	0	0.0022			
2/21/2015	XX	LFUD2X779	306	7.4	18					376	4	150	0.46	0.0022			
3/28/2015	XX	LFUD2X7A7	397	6.8	15.1					409	5	150	0.29	0.0022			
4/16/2015	XX	LFUD2X7B0	360	7.1	19.2					385	5.5	170	0.84	0.0028			
4/28/2015	XX	LFUD2X793	398	7.1	16.4					340	6.8		1.1	0.0033			
5/22/2015	XX	LFUD2X7F5	314	7.8	20.4					367	9	170	0.5	0.0017			
6/22/2015	XX	LFUD2X7ED	386	8	26.4					284	8	140	0.2	0.0017			
7/14/2015	XX	LFUD2X7CF	397	6.9	21.4					303	4.7		0.3	0.0033			
7/23/2015	XX	LFUD2X7FH	405	7.2	24.8					375	8	175	0.1	0.0006			
8/24/2015	XX	LFUD2X7G9	405	6.9	20.8					372	7	160	0.3	0.0017			
9/26/2015	XX	LFUD2X802	411	7.1	21.8					367	7	200	0.1	0.0017			
10/27/2015	XX	LFUD2X7I4	403	7.5	14.9					303	5.7		0.5	0.0011			
10/31/2015	XX	LFUD2X80E	394	8.2	16.7					335	7	195	0.6	0.002			
11/27/2015	XX	LFUD2X816	414	7	18.1					376	7	190	0.01	0.002			
12/30/2015	XX	LFUD2X81J	386	7.1	14.7					363	8	190	0.2	0.0011			
1/14/2016	XX	LFUD2X82B	406	6.9	11.2					347	6	170	0.01 U	0.0007			
2/18/2016	XX	LFUD2X883	393	8.3	18.3					360	8	178	0.01	0.0011			
3/17/2016	XX	LFUD2X88F	401	6.9	17.6					345	7	173	0.01	0.0015			
4/5/2016	XX	LFUD2X86E	389	8.4	18.8					271	5.6		0.9	0.0045			
4/21/2016	XX	LFUD2X897	392	6.9	21.2					239	7	165	0.6	0.0017			
5/26/2016	XX	LFUD2X8CD	391	7.8	21.2					308	7	180	0.1	0.0011			
6/27/2016	XX	LFUD2X8DH	420	6.8	21.9					554	7	190	0.4	0.0011			
7/20/2016	XX	LFUD2X8F1	423	7	22.6					329	7	200	0.02	0.0011			
7/26/2016	XX	LFUD2X8B4	447	7.4	22.2					291	4.9		0.4	0.0017			
8/29/2016	XX	LFUD2X90C	449	7.02	23.8					332	7		0.5	0.0007			
9/23/2016	XX	LFUD2X93B	446	8.03	19.7					298	9		0.4	0.0006			
10/25/2016	XX	LFUD2X8J3	458	7.8	13.5					275	6.6		0.8	0.0011			
10/31/2016	XX	LFUD2X945	395	8.3	15.1					315	8	100	0.2	0.0006			
11/29/2016	XX	LFUD2X950	205	7.24	11.6					369	8	130	0.6	0.0001			
12/13/2016	XX	LFUD2X95D	206	8.22	6					353	8	125	1.5	0.0002			
1/10/2017	XX	LFUD2X99C	186	7.32	15.6					378	9	135	0.4	0.0003			

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Field Parameters

(LF-UD-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
2/8/2017	XX	LFUD2X9A5	210	8.03	15.5					354	9	130	0.2	0.0011			
3/3/2017	XX	LFUD2X9A1	158	7.92	15.7					351	8	155	0.7	0.0002			
4/5/2017	XX	LFUD2X98J	213	8.05	18.7					353	7	130	0.4	0.0017			
4/18/2017	XX	LFUD2X979	366	8.1	14.5					314	8		0.5	0.0022			
5/25/2017	XX	LFUD2X9BB	401	7.1	20.4					408	6	150	0.3	0.0017			
6/16/2017	XX	LFUD2X9EC	437	8	18.6					357	7	205	0.3	0.0015			
7/25/2017	XX	LFUD2X9D7	418	8.3	21.7					308	5.7		0.3	0.0022			
7/31/2017	XX	LFUD2X9F5	334	7	23.6					394	6	190	0.3	0.0011			
8/31/2017	XX	LFUD2X9IF	464	7	21.2					402	7	245	0.2	0.0017			
9/28/2017	XX	LFUD2X9J7	463	8.1	20.1					355	6	180	0.5	0.0004			
10/25/2017	XX	LFUD2X9H2	456	7.2	17.6					379	6.9		2.1	0.0006			
10/26/2017	XX	LFUD2X9JJ	499	6.9	18.9					417	5	240	0.8	0.00028			
11/30/2017	XX	LFUD2XA0B	427	7.5	13.4					409	7	180	0.3	0.00056			
12/27/2017	XX	LFUD2XA14	429	6.9	12.4					426	8	200	0.2	0.0006			
1/19/2018	XX	LFUD2XA4A	438	7.9	9					403	8	175	0.9	0.00074			
2/22/2018	XX	LFUD2XA53	299	6.9	8					411	8	115	0.2	0.00056			
3/24/2018	XX	LFUD2XA8J	453	8	10					427	7	150	2.4	0.00028			
4/3/2018	XX	LFUD2XA31	413	7.7	11.6					465	10.2		0.8	0.00446			
4/28/2018	XX	LFUD2XA9C	417	8.1	18.1					371	8	150	0.2	0.00074			
5/11/2018	XX	LFUD2XAA5	446	8	17.6					420	7	130	0.2	0.00074			
6/2/2018	XX	LFUD2XAD9	434	8.1	19.9					365	6	150	0.3	0.00074			
7/2/2018	XX	LFUD2XAI9	480	7.9	22.3					356	6	175	0.5	0.0006			
7/17/2018	XX	LFUD2XAC2	535	8.1	19					451	4.3		0.8	0.00223			
8/17/2018	XX	LFUD2XAJ4	490	7	22.8					342	7	170	0.3	0.0002			
9/1/2018	XX	LFUD2XB2A	451	7.8	20					365	8	150	0.7	0.0002			
10/2/2018	XX	LFUD2XB10	522	7.8	14.7					443	6.1		0.5	0.00056			
10/13/2018	XX	LFUD2XB34	446	6.7	14.9					361	7	175	2.9	0.0002			
11/2/2018	XX	LFUD2XB31	418	7.2	10.9					357	9	180	1.4	0.0002			
12/7/2018	XX	LFUD2XB7H	315	8.2	8.6					363	6	180	1.11	0.0002			
1/3/2019	XX	LFUD2XB8B	430	6.8	4.4					375	7	135	1.6	0.0003			
2/2/2019	XX	LFUD2XB95	341	7.4	3					402	7	150	5.3	0.0002			
3/2/2019	XX	LFUD2XB9J	362	7.1	5.1					366	6	175	5.7	0.0002			
4/5/2019	XX	LFUD2XBAD	365	7.9	13.9					403	7	150	5.9	0.0001			
4/23/2019	XX	LFUD2XB5H	F6	F6	F6					F6	F6	F6	F6	F6			
5/10/2019	XX	LFUD2XBE5	307	7	15.1					311	7	175	8.7	0.0002			
6/24/2019	XX	LFUD2XBEJ	380	7.4	18.4					357	8	150	0.4	0.0003			
7/16/2019	XX	LFUD2XBC9	428	8.1	18.4					383	9.5		0.4	0.0011			
7/30/2019	XX	LFUD2XBFD	400	8.2	20.8					334	8	175	0.5	0.0002			
8/20/2019	XX	LFUD2XBG7	353	8.2	25.8					339	6	160	0.3	0.0001			
9/20/2019	XX	LFUD2XC00	409	7.4	21.5					368	6	150	0.6	0.0017			
10/14/2019	XX	LFUD2XC0E	342	8	19.1					339	6	150	0.1	0.0002			
10/29/2019	XX	LFUD2XBI2	386	8.1	12.8					214	8.7		2.2	0.0011			
11/27/2019	XX	LFUD2XC18	303	8.4	20.9					369	8	125	0.8	0.0002			
12/23/2019	XX	LFUD2XC21	H8	H8	H8					H8	H8	H8	H8	H8			
1/17/2020	XX	LFUD2XC3D	339	8.5	11.6					382	10	160	2.3	0.0003			
2/4/2020	XX	LFUD2XC48	369	8	13.2					348	10	150	0.4	0.0002			
3/27/2020	XX	LFUD2XCF5	302	8.1	12					401	6	175	0.4	0.0009			
4/28/2020	XX	LFUD2XCD9	439	7.9	7.3					327	7.9		0.5	0.0006			
4/29/2020	XX	LFUD2XCFJ	354	8.1	19					333	6	160	0.1	0.0001			
5/27/2020	XX	LFUD2XCJI	400	7.1	18.8					349	6	175	0.3	0.0001			

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Field Parameters

(LF-UD-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
6/28/2020	XX	LFUD2XD0C	347	7.8	22.1					316	5	160	0.2	0.0001			
7/11/2020	XX	LFUD2XD16	363	7.3	21.4					357	6	200	1.1	0.0001			
7/21/2020	XX	LFUD2XCI2	429	7.5	17.8					299	8.2		0.8	0.0006			
8/3/2020	XX	LFUD2XD54	399	8	22.3					344	8	200	0.3	0.0001			
9/27/2020	XX	LFUD2XD60	355	8	18.7					406	6	250	1.1	0.00002			
10/27/2020	XX	LFUD2XD36	403	7.3	12					389	7.7		0.4				
10/31/2020	XX	LFUD2XD6E	H8	H8	H8					H8	H8		H8				
11/29/2020	XX	LFUD2XD78	H8	H8	H8					H8	H8		H8				
12/13/2020	XX	LFUD2XD82	H8	H8	H8					H8	H8		H8				
1/10/2021	XX	LFUD2XDEG	H8	H8	H8					H8	H8	H8	H8	H8			
2/28/2021	XX	LFUD2XDE2	H2	H2	H2					H2	H2	H2	H2	H2			
3/30/2021	XX	LFUD2XDFE	H8	H8	H8					H8	H8	H8	H8	H8			
4/6/2021	XX	LFUD2XDC8	H8	H8	H8					H8	H8	H8	H8	H8			
4/29/2021	XX	LFUD2XDHA	H8	H8	H8					H8	H8	H8	H8	H8			
6/2/2021	XX	LFUD2XE2F	H8	H8	H8					H8	H8	H8	H8	H8			
7/13/2021	XX	LFUD2XE00	F6	F6	F6					F6	F6	F6	F6	F6			
7/16/2021	XX	LFUD2XE3B	H8	H8	H8					H8	H8	H8	H8	H8			
8/3/2021	XX	LFUD2XEFD	H8	H8	H8					H8	H8	H8	H8	H8			
9/18/2021	XX	LFUD2XEDF	H8	H8	H8					H8	H8	H8	H8	H8			
10/5/2021	XX	LFUD2XE68	F6	F6	F6					F6	F6	F6	F6	F6			
10/16/2021	XX	LFUD2XE6E	H8	H8	H8					H8	H8	H8	H8	H8			
11/20/2021	XX	LFUD2XEHC	H8	H8	H8					H8	H8	H8	H8	H8			
12/18/2021	XX	LFUD2XEIE	H8	H8	H8					H8	H8	H8	H8	H8			
1/16/2022	XX	LFUD2XF4A	H8	H8	H8					H8	H8	H8	H8	H8			
2/20/2022	XX	LFUD2XF5A	H8	H8	H8					H8	H8	H8	H8	H8			
3/20/2022	XX	LFUD2XF6A	H8	H8	H8					H8	H8	H8	H8	H8			
4/15/2022	XX	LFUD2XFC1	H8	H8	H8					H8	H8	H8	H8	H8			
4/26/2022	XX	LFUD2XF10	F6	F6	F6					F6	F6	F6	F6	F6			
5/10/2022	XX	LFUD2XFD1	H8	H8	H8					H8	H8	H8	H8	H8			
6/7/2022	XX	LFUD2XFEB	H8	H8	H8					H8	H8	H8	H8	H8			
7/19/2022	XX	LFUD2XF8I	D	D	D					D	D	D	D	D			
7/21/2022	XX	LFUD2XFFB	H8	H8	H8					H8	H8	H8	H8	H8			
8/8/2022	XX	LFUD2XG30	H8	H8	H8					H8	H8	H8	H8	H8			
9/2/2022	XX	LFUD2XG5C	H8	H8	H8					H8	H8	H8	H8	H8			
10/4/2022	XX	LFUD2XF1J	D	D	D					D	D		D	F6			
10/6/2022	XX	LFUD2XG8E	H8	H8	H8					H8	H8	H8	H8	H8			
11/4/2022	XX	LFUD2XGA5	H8	H8	H8					H8	H8	H8	H8	H8			
12/5/2022	XX	LFUD2XGCA	H8	H8	H8					H8	H8	H8	H8	H8			
LF-UD-3A,B																	
1/30/2013	XX	LFXXX60A	H8	H8	H8					H8	H8	H8	H8	H8			
2/15/2013	XX	LFXXX5J1	H8	H8	H8					H8	H8	H8	H8	H8			
3/28/2013	XX	LFXXX613	H8	H8	H8					H8	H8	H8	H8	H8			
4/23/2013	XX	LFXXX5J5	F6	F6	F6					F6	F6	F6	F6	F6			
4/24/2013	XX	LFXXX61F	H8	H8	H8					H8	H8	H8	H8	H8			
5/30/2013	XX	LFXXX627	H8	H8	H8					H8	H8	H8	H8	H8			
6/26/2013	XX	LFXXX62J	H8	H8	H8					H8	H8	H8	H8	H8			
7/30/2013	XX	LFXXX65A	F6	F6	F6					F6	F6	F6	F6	F6			
8/20/2013	XX	LFXXX699	H8	H8	H8					H8	H8	H8	H8	H8			
9/26/2013	XX	LFXXX68H	H8	H8	H8					H8	H8	H8	H8	H8			

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(LF-UD-3A,B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/29/2013	XX	LFXXX67J	F6	F6	F6					F6	F6	F6	F6	
11/25/2013	XX	LFXXX6A2	H8	H8	H8					H8	H8	H8	H8	
12/17/2013	XX	LFXXX6D2	H8	H8	H8					H8	H8	H8	H8	
1/24/2014	XX	LFXXX6DE	H8	H8	H8					H8	H8	H8	H8	
2/24/2014	XX	LFXXX6HB	H8	H8	H8					H8	H8	H8	H8	
3/27/2014	XX	LFXXX6GJ	H8	H8	H8					H8	H8	H8	H8	
4/22/2014	XX	LFXXX6G6	F6	F6	F6					F6	F6	F6	F6	
4/29/2014	XX	LFXXX6I3	H8	H8	H8					H8	H8	H8	H8	
5/23/2014	XX	LFXXX712	H8	H8	H8					H8	H8	H8	H8	
6/24/2014	XX	LFXXX71E	H8	H8	H8					H8	H8	H8	H8	
7/29/2014	XX	LFXXX708	F6	F6	F6					F6	F6	F6	F6	
8/26/2014	XX	LFXXX74E	F6	F6	F6					F6	F6	F6	F6	
9/23/2014	XX	LFXXX755	H8	H8	H8					H8	H8	H8	H8	
10/21/2014	XX	LFXXX73H	F6	F6	F6					F6	F6	F6	F6	
11/28/2014	XX	LFXXX75H	H8	H8	H8					H8	H8	H8	H8	
12/24/2014	XX	LFXXX76A	H8	H8	H8					H8	H8	H8	H8	
2/3/2015	XX	LFXXX771	H8	H8	H8					H8	H8	H8	H8	
2/21/2015	XX	LFXXX77C	H8	H8	H8					H8	H8	H8	H8	
3/28/2015	XX	LFXXX7AA	H8	H8	H8					H8	H8	H8	H8	
4/16/2015	XX	LFXXX7B3	F6	F6	F6					F6	F6	F6	F6	
4/28/2015	XX	LFXXX79G	F6	F6	F6					F6	F6	F6	F6	
5/22/2015	XX	LFXXX7F8	F6	F6	F6					F6	F6	F6	F6	
6/22/2015	XX	LFXXX7EG	F6	F6	F6					F6	F6	F6	F6	
7/14/2015	XX	LFXXX7D8	F6	F6	F6					F6	F6	F6	F6	
7/23/2015	XX	LFXXX7G0	F12	F12	F12					F12	F12	F12	F12	
8/24/2015	XX	LFXXX7GC	F12	F12	F12					F12	F12	F12	F12	
9/26/2015	XX	LFXXX805	H8	H8	H8					H8	H8	H8	H8	
10/27/2015	XX	LFXXX71F	F6	F6	F6					F6	F6	F6	F6	
10/31/2015	XX	LFXXX80H	F6	F6	F6					F6	F6	F6	F6	
11/27/2015	XX	LFXXX819	F6	F6	F6					F6	F6	F6	F6	
12/30/2015	XX	LFXXX822	F6	F6	F6					F6	F6	F6	F6	
1/14/2016	XX	LFXXX82E	F6	F6	F6					F6	F6	F6	F6	
2/18/2016	XX	LFXXX886	F6	F6	F6					F6	F6	F6	F6	
3/17/2016	XX	LFXXX88I	F6	F6	F6					F6	F6	F6	F6	
4/5/2016	XX	LFXXX877	F6	F6	F6					F6	F6	F6	F6	F6
4/21/2016	XX	LFXXX89A	F6	F6	F6					F6	F6	F6	F6	
5/26/2016	XX	LFXXX8CG	F6	F6	F6					F6	F6	F6	F6	
6/27/2016	XX	LFXXX8E0	F6	F6	F6					F6	F6	F6	F6	
7/20/2016	XX	LFXXX8F4	F6	F6	F6					F6	F6	F6	F6	
7/26/2016	XX	LFXXX8BH	F6	F6	F6					F6	F6	F6	F6	F6
8/29/2016	XX	LFXXX90F	F6	F6	F6					F6	F6	F6	F6	F6
9/23/2016	XX	LFXXX93E	F6	F6	F6					F6	F6	F6	F6	F6
10/25/2016	XX	LFXXX8JF	F6	F6	F6					F6	F6	F6	F6	F6
10/31/2016	XX	LFXXX948	H8	H8	H8					H8	H8	H8	H8	H8
11/29/2016	XX	LFXXX953	H8	H8	H8					H8	H8	H8	H8	H8
12/13/2016	XX	LFXXX95G	H8	H8	H8					H8	H8	H8	H8	H8
1/10/2017	XX	LFXXX99F	H8	H8	H8					H8	H8	H8	H8	H8
2/8/2017	XX	LFXXX9A8	H8	H8	H8					H8	H8	H8	H8	H8
3/3/2017	XX	LFXXX9B1	H8	H8	H8					H8	H8	H8	H8	H8
4/5/2017	XX	LFXXX992	H8	H8	H8					H8	H8	H8	H8	H8

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(LF-UD-3A,B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/18/2017	XX	LFXXX982	F6	F6	F6					F6	F6		F6	F6
5/25/2017	XX	LFXXX98E	F6	F6	F6					F6	F6	F6	F6	F6
6/16/2017	XX	LFXXX9EF	F6	F6	F6					F6	F6	F6	F6	F6
7/25/2017	XX	LFXXX9DJ	F6	F6	F6					F6	F6	F6	F6	F6
7/31/2017	XX	LFXXX9F8	H8	H8	H8					H8	H8	H8	H8	H8
8/31/2017	XX	LFXXX9II	F6	F6	F6					F6	F6	F6	F6	F6
9/28/2017	XX	LFXXX9JA	H8	H8	H8					H8	H8	H8	H8	H8
10/25/2017	XX	LFXXX9HE	F6	F6	F6					F6	F6	F6	F6	F6
10/26/2017	XX	LFXXXA02	H8	H8	H8					H8	H8	H8	H8	H8
11/30/2017	XX	LFXXXA0E	F6	F6	F6					F6	F6	F6	F6	F6
12/27/2017	XX	LFXXXA17	F6	F6	F6					F6	F6	F6	F6	F6
1/19/2018	XX	LFXXXA4D	F6	F6	F6					F6	F6	F6	F6	F6
2/22/2018	XX	LFXXXA56	F6	F6	F6					F6	F6	F6	F6	F6
3/24/2018	XX	LFXXXA92	F6	F6	F6					F6	F6	F6	F6	F6
4/3/2018	XX	LFXXXA3E	F6	F6	F6					F6	F6	F6	F6	F6
4/28/2018	XX	LFXXXA9F	H8	H8	H8					H8	H8	H8	H8	H8
5/11/2018	XX	LFXXXA8	F6	F6	F6					F6	F6	F6	F6	F6
6/2/2018	XX	LFXXXADC	H8	H8	H8					H8	H8	H8	H8	H8
7/2/2018	XX	LFXXXAIC	H8	H8	H8					H8	H8	H8	H8	H8
7/17/2018	XX	LFXXXACE	F6	F6	F6					F6	F6	F6	F6	F6
8/17/2018	XX	LFXXXAJ7	H8	H8	H8					H8	H8	H8	H8	H8
9/1/2018	XX	LFXXXB2D	H8	H8	H8					H8	H8	H8	H8	H8
10/2/2018	XX	LFXXXB1C	F6	F6	F6					F6	F6	F6	F6	F6
10/13/2018	XX	LFXXXB37	H8	H8	H8					H8	H8	H8	H8	H8
11/2/2018	XX	LFXXXB41	H8	H8	H8					H8	H8	H8	H8	H8
12/7/2018	XX	LFXXXB80	H8	H8	H8					H8	H8	H8	H8	H8
1/3/2019	XX	LFXXXB8E	H8	H8	H8					H8	H8	H8	H8	H8
2/2/2019	XX	LFXXXB98	H8	H8	H8					H8	H8	H8	H8	H8
3/2/2019	XX	LFXXXBA2	H8	H8	H8					H8	H8	H8	H8	H8
4/5/2019	XX	LFXXXBAG	H8	H8	H8					H8	H8	H8	H8	H8
4/23/2019	XX	LFXXXB6A	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2019	XX	LFXXXBE8	H8	H8	H8					H8	H8	H8	H8	H8
6/24/2019	XX	LFXXXBF2	H8	H8	H8					H8	H8	H8	H8	H8
7/16/2019	XX	LFXXXBD1	F6	F6	F6					F6	F6	F6	F6	F6
7/30/2019	XX	LFXXXBFG	H8	H8	H8					H8	H8	H8	H8	H8
8/20/2019	XX	LFXXXBGA	H8	H8	H8					H8	H8	H8	H8	H8
9/20/2019	XX	LFXXXC03	H8	H8	H8					H8	H8	H8	H8	H8
10/14/2019	XX	LFXXXC0H	H8	H8	H8					H8	H8	H8	H8	H8
10/29/2019	XX	LFXXXBID	F6	F6	F6					F6	F6	F6	F6	F6
11/27/2019	XX	LFXXXC1B	H8	H8	H8					H8	H8	H8	H8	H8
12/23/2019	XX	LFXXXC31	H8	H8	H8					H8	H8	H8	H8	H8
1/17/2020	XX	LFXXXC3G	H8	H8	H8					H8	H8	H8	H8	H8
2/4/2020	XX	LFXXXC4B	H8	H8	H8					H8	H8	H8	H8	H8
3/27/2020	XX	LFXXXCF8	H8	H8	H8					H8	H8	H8	H8	H8
4/28/2020	XX	LFXXXCE1	F6	F6	F6					F6	F6	F6	F6	F6
4/29/2020	XX	LFXXXCG2	H8	H8	H8					H8	H8	H8	H8	H8
5/27/2020	XX	LFXXXD01	H8	H8	H8					H8	H8	H8	H8	H8
6/28/2020	XX	LFXXXD0F	H8	H8	H8					H8	H8	H8	H8	H8
7/11/2020	XX	LFXXXD19	H8	H8	H8					H8	H8	H8	H8	H8
7/21/2020	XX	LFXXXCIE	F6	F6	F6					F6	F6	F6	F6	F6

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(LF-UD-3A,B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
8/3/2020	XX	LFXXXX57	H8	H8	H8					H8	H8	H8	H8	H8
9/27/2020	XX	LFXXXX63	H8	H8	H8					H8	H8	H8	H8	H8
10/27/2020	XX	LFXXXX3H	F6	F6	F6					F6	F6	F6	F6	F6
10/31/2020	XX	LFXXXX6H	H8	H8	H8					H8	H8	H8	H8	H8
11/29/2020	XX	LFXXXX7B	H8	H8	H8					H8	H8	H8	H8	H8
12/13/2020	XX	LFXXXX85	H8	H8	H8					H8	H8	H8	H8	H8
1/10/2021	XX	LFXXXXEJ	H8	H8	H8					H8	H8	H8	H8	H8
2/28/2021	XX	LFXXXXE5	H2	H2	H2					H2	H2	H2	H2	H2
3/30/2021	XX	LFXXXXFH	H8	H8	H8					H8	H8	H8	H8	H8
4/6/2021	XX	LFXXXXD0	H8	H8	H8					H8	H8	H8	H8	H8
4/29/2021	XX	LFXXXXHD	H8	H8	H8					H8	H8	H8	H8	H8
5/19/2021	XX	LFXXXXI7	H8	H8	H8					H8	H8	H8	H8	H8
6/2/2021	XX	LFXXXXE2I	H8	H8	H8					H8	H8	H8	H8	H8
7/13/2021	XX	LFXXXXE0C	F6	F6	F6					F6	F6	F6	F6	F6
7/16/2021	XX	LFXXXXE3E	H8	H8	H8					H8	H8	H8	H8	H8
8/3/2021	XX	LFXXXXEFG	H8	H8	H8					H8	H8	H8	H8	H8
9/18/2021	XX	LFXXXXEDI	H8	H8	H8					H8	H8	H8	H8	H8
10/5/2021	XX	LFXXXXE6J	F6	F6	F6					F6	F6	F6	F6	F6
10/16/2021	XX	LFXXXXEEH	H8	H8	H8					H8	H8	H8	H8	H8
11/20/2021	XX	LFXXXXEHF	H8	H8	H8					H8	H8	H8	H8	H8
12/18/2021	XX	LFXXXXEIH	H8	H8	H8					H8	H8	H8	H8	H8
1/16/2022	XX	LFXXXXF4D	H8	H8	H8					H8	H8	H8	H8	H8
2/20/2022	XX	LFXXXXF5D	H8	H8	H8					H8	H8	H8	H8	H8
3/20/2022	XX	LFXXXXF6D	H8	H8	H8					H8	H8	H8	H8	H8
4/15/2022	XX	LFXXXXFC4	H8	H8	H8					H8	H8	H8	H8	H8
4/26/2022	XX	LFXXXXF1B	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2022	XX	LFXXXXFD4	H8	H8	H8					H8	H8	H8	H8	H8
6/7/2022	XX	LFXXXXFEE	H8	H8	H8					H8	H8	H8	H8	H8
7/19/2022	XX	LFXXXXF9A	D	D	D					D	D	D	D	D
7/21/2022	XX	LFXXXXFFE	H8	H8	H8					H8	H8	H8	H8	H8
8/8/2022	XX	LFXXXXG33	H8	H8	H8					H8	H8	H8	H8	H8
9/2/2022	XX	LFXXXXG5F	H8	H8	H8					H8	H8	H8	H8	H8
10/4/2022	XX	LFXXXXFJA	D	D	D					D	D	D	D	F6
10/6/2022	XX	LFXXXXG8H	H8	H8	H8					H8	H8	H8	H8	H8
11/4/2022	XX	LFXXXXGA8	H8	H8	H8					H8	H8	H8	H8	H8
12/5/2022	XX	LFXXXXGCD	H8	H8	H8					H8	H8	H8	H8	H8
LF-UD-4														
1/30/2013	XX	LFUD4X60B	402	7.3	13.8					437	6	175	0.43	0.0003
2/15/2013	XX	LFUD4X5JJ	H2	H2	H2					H2	H2	H2	H2	H2
3/28/2013	XX	LFUD4X614	H2	H2	H2					H2	H2	H2	H2	H2
4/23/2013	XX	LFXXXX5J6	352	7.3	15.8					272	5	92	1.1	0.0022
4/24/2013	XX	LFUD4X61G	327	7.3	15.5					346	8	205	0.44	0.0006
5/30/2013	XX	LFUD4X628	H2	H2	H2					H2	H2	H2	H2	H2
6/26/2013	XX	LFUD4X630	H2	H2	H2					H2	H2	H2	H2	H2
7/30/2013	XX	LFXXXX65B	F6	F6	F6					F6	F6	F6	F6	F6
8/20/2013	XX	LFUD4X69A	H2	H2	H2					H2	H2	H2	H2	H2
9/26/2013	XX	LFUD4X68I	480	8	17.8					406	8	215	0.41	0.0011
10/29/2013	XX	LFXXXX680	424	7	17.8					322	5	110	0.3	0.0022
11/25/2013	XX	LFUD4X6A3	440	8.2	8.1					380	8	185	0.64	0.0006

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(LF-UD-4)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
12/17/2013	XX	LFUD4X6D3	424	7.5	8.4					413	8	210	1.67	0.0002			
1/24/2014	XX	LFUD4X6DF	425	7.5	4.5					345	8	160	0.61	0.0007			
2/24/2014	XX	LFUD4X6HC	H8	H8	H8					H8	H8	H8	H8	H8			
3/27/2014	XX	LFUD4X6H0	431	8.2	13.7					337	10	250	0.86	0.0004			
4/22/2014	XX	LFXXX6G7	430	6.9	15.4					513	6	200	2.6	0.0022			
4/29/2014	XX	LFUD4X6I4	411	8.12	17.2					331	10	250	0.62	0.0003			
5/23/2014	XX	LFUD4X713	H2	H2	H2					H2	H2	H2	H2	H2			
6/24/2014	XX	LFUD4X71F	H8	H8	H8					H8	H8	H8	H8	H8			
7/29/2014	XX	LFXXX709	F6	F6	F6					F6	F6	F6	F6	F6			
8/26/2014	XX	LFUD4X74F	F6	F6	F6					F6	F6	F6	F6	F6			
9/23/2014	XX	LFUD4X756	H8	H8	H8					H8	H8	H8	H8	H8			
10/21/2014	XX	LFXXX731	F6	F6	F6					F6	F6	F6	F6	F6			
11/28/2014	XX	LFUD4X75I	H2	H2	H2					H2	H2	H2	H2	H2			
12/24/2014	XX	LFUD4X76B	H8	H8	H8					H8	H8	H8	H8	H8			
2/3/2015	XX	LFUD4X772	H8	H8	H8					H8	H8	H8	H8	H8			
2/21/2015	XX	LFUD4X77D	H8	H8	H8					H8	H8	H8	H8	H8			
3/28/2015	XX	LFUD4X7AB	H8	H8	H8					H8	H8	H8	H8	H8			
4/16/2015	XX	LFUD4X7B4	F6	F6	F6					F6	F6	F6	F6	F6			
4/28/2015	XX	LFXXX79H	F6	F6	F6					F6	F6	F6	F6	F6			
5/22/2015	XX	LFUD4X7F9	F6	F6	F6					F6	F6	F6	F6	F6			
6/22/2015	XX	LFUD4X7EH	F6	F6	F6					F6	F6	F6	F6	F6			
7/14/2015	XX	LFXXX7D9	F6	F6	F6					F6	F6	F6	F6	F6			
7/23/2015	XX	LFUD4X7G1	F12	F12	F12					F12	F12	F12	F12	F12			
8/24/2015	XX	LFUD4X7GD	F12	F12	F12					F12	F12	F12	F12	F12			
9/26/2015	XX	LFUD4X806	H8	H8	H8					H8	H8	H8	H8	H8			
10/27/2015	XX	LFXXX7IG	F6	F6	F6					F6	F6	F6	F6	F6			
10/31/2015	XX	LFUD4X80I	F6	F6	F6					F6	F6	F6	F6	F6			
11/27/2015	XX	LFUD4X81A	F6	F6	F6					F6	F6	F6	F6	F6			
12/30/2015	XX	LFUD4X823	F6	F6	F6					F6	F6	F6	F6	F6			
1/14/2016	XX	LFUD4X82F	F6	F6	F6					F6	F6	F6	F6	F6			
2/18/2016	XX	LFUD4X887	F6	F6	F6					F6	F6	F6	F6	F6			
3/17/2016	XX	LFUD4X88J	F6	F6	F6					F6	F6	F6	F6	F6			
4/5/2016	XX	LFXXX878	F6	F6	F6					F6	F6	F6	F6	F6			
4/21/2016	XX	LFUD4X89B	F6	F6	F6					F6	F6	F6	F6	F6			
5/26/2016	XX	LFUD4X8CH	F6	F6	F6					F6	F6	F6	F6	F6			
6/27/2016	XX	LFUD4X8E1	F6	F6	F6					F6	F6	F6	F6	F6			
7/20/2016	XX	LFUD4X8F5	F6	F6	F6					F6	F6	F6	F6	F6			
7/26/2016	XX	LFXXX8BI	435	7.4	21.2					296	4.9		0.8	0.0011			
8/29/2016	XX	LFUD4X90G	F6	F6	F6					F6	F6		F6	F6			
9/23/2016	XX	LFUD4X93F	F6	F6	F6					F6	F6		F6	F6			
10/25/2016	XX	LFXXX8JG	464	7.7	14.2					253	7		1	0.0006			
10/31/2016	XX	LFUD4X949	H8	H8	H8					H8	H8		H8	H8			
11/29/2016	XX	LFUD4X954	H8	H8	H8					H8	H8	H8	H8	H8			
12/13/2016	XX	LFUD4X95H	H8	H8	H8					H8	H8	H8	H8	H8			
1/10/2017	XX	LFUD4X99G	H8	H8	H8					H8	H8	H8	H8	H8			
2/8/2017	XX	LFUD4X9A9	H8	H8	H8					H8	H8	H8	H8	H8			
3/3/2017	XX	LFUD4X9B2	H8	H8	H8					H8	H8	H8	H8	H8			
4/5/2017	XX	LFUD4X993	H8	H8	H8					H8	H8	H8	H8	H8			
4/18/2017	XX	LFXXX983	371	8.1	13.3					292	8.3		0.8	0.0011			
5/25/2017	XX	LFUD4X9BF	387	7.38	18.5					392	8	175	0.6	0.0009			

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4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-4)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
6/16/2017	XX	LFUD4X9EG	F6	F6	F6					F6	F6	F6	F6	F6
7/25/2017	XX	LFXXX9E0	415	8.2	20.7					283	5.7		0.4	0.0017
7/31/2017	XX	LFUD4X9F9	H8	H8	H8					H8	H8	H8	H8	H8
8/31/2017	XX	LFUD4X9J	F6	F6	F6					F6	F6	F6	F6	F6
9/28/2017	XX	LFUD4X9JB	H8	H8	H8					H8	H8	H8	H8	H8
10/25/2017	XX	LFXXX9HF	F6	F6	F6					F6	F6	F6	F6	F6
10/26/2017	XX	LFUD4XA03	H8	H8	H8					H8	H8	H8	H8	H8
11/30/2017	XX	LFUD4XA0F	F6	F6	F6					F6	F6	F6	F6	F6
12/27/2017	XX	LFUD4XA18	F6	F6	F6					F6	F6	F6	F6	F6
1/19/2018	XX	LFUD4XA4E	F6	F6	F6					F6	F6	F6	F6	F6
2/22/2018	XX	LFUD4XA57	F6	F6	F6					F6	F6	F6	F6	F6
3/24/2018	XX	LFUD4XA93	F6	F6	F6					F6	F6	F6	F6	F6
4/3/2018	XX	LFXXXA3F	F6	F6	F6					F6	F6	F6	F6	F6
4/28/2018	XX	LFUD4XA9G	H8	H8	H8					H8	H8	H8	H8	H8
5/11/2018	XX	LFUD4XAA9	F6	F6	F6					F6	F6	F6	F6	F6
6/2/2018	XX	LFUD4XADD	H8	H8	H8					H8	H8	H8	H8	H8
7/2/2018	XX	LFUD4XAID	H8	H8	H8					H8	H8	H8	H8	H8
7/17/2018	XX	LFXXXACF	520	8	19					474	4.2		1.1	0.0011
8/17/2018	XX	LFUD4XAJ8	H8	H8	H8					H8	H8	H8	H8	H8
9/1/2018	XX	LFUD4XB2E	H8	H8	H8					H8	H8	H8	H8	H8
10/2/2018	XX	LFXXXB1D	F6	F6	F6					F6	F6	F6	F6	F6
10/13/2018	XX	LFUD4XB38	H8	H8	H8					H8	H8	H8	H8	H8
11/2/2018	XX	LFUD4XB42	H8	H8	H8					H8	H8	H8	H8	H8
12/7/2018	XX	LFUD4XB81	H8	H8	H8					H8	H8	H8	H8	H8
1/3/2019	XX	LFUD4XB8F	H8	H8	H8					H8	H8	H8	H8	H8
2/2/2019	XX	LFUD4XB99	H8	H8	H8					H8	H8	H8	H8	H8
3/2/2019	XX	LFUD4XBA3	H8	H8	H8					H8	H8	H8	H8	H8
4/5/2019	XX	LFUD4XBAH	H8	H8	H8					H8	H8	H8	H8	H8
4/23/2019	XX	LFXXXB6B	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2019	XX	LFUD4XBE9	H8	H8	H8					H8	H8	H8	H8	H8
6/24/2019	XX	LFUD4XBF3	H8	H8	H8					H8	H8	H8	H8	H8
7/16/2019	XX	LFXXXBD2	F6	F6	F6					F6	F6	F6	F6	F6
7/30/2019	XX	LFUD4XBFH	H8	H8	H8					H8	H8	H8	H8	H8
8/20/2019	XX	LFUD4XBGB	H8	H8	H8					H8	H8	H8	H8	H8
9/20/2019	XX	LFUD4XC04	H8	H8	H8					H8	H8	H8	H8	H8
10/14/2019	XX	LFUD4XC0I	H8	H8	H8					H8	H8	H8	H8	H8
10/29/2019	XX	LFXXXBIE	383	8.1	13.3					259	10.3		2.6	0.0006
11/27/2019	XX	LFUD4XC1C	365	8	20.3					377	6	250	0.5	0.0002
12/23/2019	XX	LFUD4XC32	390	8.1	13.2					353	8	200	0.4	0.0001
1/17/2020	XX	LFUD4XC3H	H8	H8	H8					H8	H8	H8	H8	H8
2/4/2020	XX	LFUD4XC4C	H8	H8	H8					H8	H8	H8	H8	H8
3/27/2020	XX	LFUD4XCF9	H8	H8	H8					H8	H8	H8	H8	H8
4/28/2020	XX	LFXXXCE2	F6	F6	F6					F6	F6	F6	F6	F6
4/29/2020	XX	LFUD4XCG3	H8	H8	H8					H8	H8	H8	H8	H8
5/27/2020	XX	LFUD4XD02	H8	H8	H8					H8	H8	H8	H8	H8
6/28/2020	XX	LFUD4XD0G	H8	H8	H8					H8	H8	H8	H8	H8
7/11/2020	XX	LFUD4XD1A	H8	H8	H8					H8	H8	H8	H8	H8
7/21/2020	XX	LFXXXCIF	F6	F6	F6					F6	F6	F6	F6	F6
8/3/2020	XX	LFUD4XD58	H8	H8	H8					H8	H8	H8	H8	H8
9/27/2020	XX	LFUD4XD64	H8	H8	H8					H8	H8	H8	H8	H8

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(LF-UD-4)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate		
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs		
10/27/2020	XX	LFXXXD3I	F6	F6	F6					F6	F6	F6	F6	F6		
10/31/2020	XX	LFUD4XD6I	H8	H8	H8					H8	H8	H8	H8	H8		
11/29/2020	XX	LFUD4XD7C	H8	H8	H8					H8	H8	H8	H8	H8		
12/13/2020	XX	LFUD4XD86	H2	H2	H2					H2	H2	H2	H2	H2		
1/10/2021	XX	LFUD4XDF0	H2	H2	H2					H2	H2	H2	H2	H2		
2/28/2021	XX	LFUD4XDE6	H2	H2	H2					H2	H2	H2	H2	H2		
3/30/2021	XX	LFUD4XDFI	H2	H2	H2					H2	H2	H2	H2	H2		
4/6/2021	XX	LFXXXDD1	H8	H8	H8					H8	H8	H8	H8	H8		
4/29/2021	XX	LFUD4XDHE	H8	H8	H8					H8	H8	H8	H8	H8		
5/19/2021	XX	LFUD4XDI8	H8	H8	H8					H8	H8	H8	H8	H8		
6/2/2021	XX	LFUD4XE2J	H8	H8	H8					H8	H8	H8	H8	H8		
7/13/2021	XX	LFXXXE0D	340	7.4	15.4					293	5.8		0.5	0.0003		
7/16/2021	XX	LFUD4XE3F	H8	H8	H8					H8	H8	H8	H8	H8		
8/3/2021	XX	LFUD4XEFH	H8	H8	H8					H8	H8		H8	H8		
9/18/2021	XX	LFUD4XEDJ	H8	H8	H8					H8	H8		H8	H8		
10/5/2021	XX	LFXXXE70	343	7.5	15.9					251	5.4		0.1	0.0006		
10/16/2021	XX	LFUD4XEEI	H8	H8	H8					H8	H8		H8	H8		
11/20/2021	XX	LFUD4XEHG	H8	H8	H8					H8	H8		H8	H8		
12/18/2021	XX	LFUD4XEII	H8	H8	H8					H8	H8		H8	H8		
1/16/2022	XX	LFUD4XF4E	H8	H8	H8					H8	H8		H8	H8		
2/20/2022	XX	LFUD4XF5E	H8	H8	H8					H8	H8		H8	H8		
3/20/2022	XX	LFUD4XF6E	H8	H8	H8					H8	H8		H8	H8		
4/15/2022	XX	LFUD4XFC5	H8	H8	H8					H8	H8		H8	H8		
4/26/2022	XX	LFXXXF1C	321	7.3	8					265	7.3		0.2	0.0002		
5/10/2022	XX	LFUD4XFD5	H8	H8	H8					H8	H8		H8	H8		
6/7/2022	XX	LFUD4XFEF	H8	H8	H8					H8	H8		H8	H8		
7/19/2022	XX	LFXXXF9B	D	D	D					D	D		D	D		
7/21/2022	XX	LFUD4XFFF	H8	H8	H8					H8	H8		H8	H8		
8/8/2022	XX	LFUD4XG34	H8	H8	H8					H8	H8		H8	H8		
9/2/2022	XX	LFUD4XG5G	H8	H8	H8					H8	H8		H8	H8		
10/4/2022	XX	LFXXXFJB	153	7.4	10.4					358	4.4		0.3	0.0006		
10/6/2022	XX	LFUD4XG8I	H8	H8	H8					H8	H8		H8	H8		
11/4/2022	XX	LFUD4XGA9	H8	H8	H8					H8	H8		H8	H8		
12/5/2022	XX	LFUD4XGCE	H8	H8	H8					H8	H8		H8	H8		
LF-UD-5and6																
1/30/2013	XX	LFXXX60C	177	7.5	7.1					447	10	75	9.79			
2/15/2013	XX	LFXXX600	F	F	F					F	F	F	F	F		
3/28/2013	XX	LFXXX615	356	8.2	10.3					311	8	170	0.66	0.0002		
4/23/2013	XX	LFXXX5J7	353	7.8	10.9					237	6	145	2.6	0.0011		
4/24/2013	XX	LFXXX61H	296	7.6	11.6					344	8	190	0	0.0002		
5/30/2013	XX	LFXXX629	291	7.4	18.2					368	8	200	0.09	0.0022		
6/26/2013	XX	LFXXX631	401	8	18.1					338	8	175	0.67	0.0006		
7/30/2013	XX	LFXXX65C	319	7.5	20.9					240	6	115	1.7	0.0006		
8/20/2013	XX	LFXXX69B	H8	H8	H8					H8	H8	H8	H8	H8		
9/26/2013	XX	LFXXX68J	458	8.1	16					366	6	150	0.63	0.0004		
10/29/2013	XX	LFXXX681	453	7.2	6.4					412	6	120	0.8	0.0011		
11/25/2013	XX	LFXXX6A4	369	8.2	12.3					382	6	150	0.34	0.0022		
12/17/2013	XX	LFXXX6D4	F12	F12	F12					F12	F12	F12	F12	F12		
1/24/2014	XX	LFXXX6DG	337	7.9	5.7					219	12	175	0.53	0.0003		

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Field Parameters

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

(LF-UD-5and6)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
2/24/2014	XX	LFXXX6HD	379	7.6	11.4					365	10	200	0.71	0.0006			
3/27/2014	XX	LFXXX6H1	348	7.8	10.7					380	10	200	0.33	0.0008			
4/22/2014	XX	LFXXX6G8	386	7.1	14.5					70	4	145	1.2	0.0006			
4/29/2014	XX	LFXXX6I5	374	7.7	12.6					343	10	225	0.44	0.0003			
5/23/2014	XX	LFXXX714	435	7.9	15.9					342	10	250	0.29	0.0003			
6/24/2014	XX	LFXXX71G	474	7.5	20.1					360	8	240	0.09	0.0004			
7/29/2014	XX	LFXXX70A	413	7.9	20.7					393	6	35	0.5	0.0022			
8/26/2014	XX	LFXXX74G	458	7.7	23.3					392	7	225	0.08				
9/23/2014	XX	LFXXX757	435	8.1	23.4					340		180	0.35	0.0003			
10/21/2014	XX	LFXXX73J	F6	F6	F6					F6	F6	F6	F6				
11/28/2014	XX	LFXXX75J	357	7.9	14.1					358	7	180	M	0.0002			
12/24/2014	XX	LFXXX76C	372	7.2	16.4					436	5.5	180	0.12	0.0003			
2/3/2015	XX	LFXXX773	F	F	F					F	F	F	F	F			
2/21/2015	XX	LFXXX77E	318	7.7	17.6					387	4	155	1.17	0.0003			
3/28/2015	XX	LFXXX7AC	F6	F6	F6					F6	F6	F6	F6	F6			
4/16/2015	XX	LFXXX7B5	367	7.5	17.3					382	7	180	0.5	0.0003			
4/28/2015	XX	LFXXX79I	422	8	11.6					347	9.3		2.3	0.0017			
5/22/2015	XX	LFXXX7FA	430	7.9	19.1					371	8	220	0.5	0.0003			
6/22/2015	XX	LFXXX7E1	474	8	26.5					319	9	240	0.2	0.0003			
7/14/2015	XX	LFXXX7DA	I	I	I					I	I	I	I	I			
7/23/2015	XX	LFXXX7G2	456	7.4	24.2					375	8	250	0.2	0.0002			
8/24/2015	XX	LFXXX7GE	447	7.3	19.1					371	8	200	0.6	0.0001			
9/26/2015	XX	LFXXX807	397	8	19.7					351	8	180	0.3	0.0002			
10/27/2015	XX	LFXXX7IH	350	8.3	14					265	7.5		1	0.0006			
10/31/2015	XX	LFXXX80J	380	8.1	13.7					336	9	200	0.5	0.0002			
11/27/2015	XX	LFXXX81B	384	7.3	15.1					373	7	210	0.4	0.0003			
12/30/2015	XX	LFXXX824	256	7.6	10.7					357	9	200	0.2	0.0003			
1/14/2016	XX	LFXXX82G	386	7.6	10.4					343	8	220	0.01 U	0.0002			
2/18/2016	XX	LFXXX888	392	8.3	15.3					363	7	208	0.01	0.0003			
3/17/2016	XX	LFXXX890	409	7.3	13.5					337	9	200	0.2	0.0003			
4/5/2016	XX	LFXXX879	399	8.3	11.1					339	8.1		0.4	0.0017			
4/21/2016	XX	LFXXX89C	435	7.3	17.3					303	8	190	0.01 U	0.0002			
5/26/2016	XX	LFXXX8D0	415	8	17.6					306	7	200	0.01	0.0002			
6/27/2016	XX	LFXXX8E2	440	7.4	17.4					515	9	250	0.1	0.0002			
7/20/2016	XX	LFXXX8F6	416	7.5	19.3					325	8	220	0.2	0.0002			
7/26/2016	XX	LFXXX8BJ	421	7.3	19.9					319	5.6		2.1	0.0006			
8/29/2016	XX	LFXXX90H	406	7.49	22.1					319	9		0.3	0.0002			
9/23/2016	XX	LFXXX93G	373	8.11	17.4					303	9		2	0.00004			
10/25/2016	XX	LFXXX8JH	286	7.3	9.5					285	6.9		0.6	0.0006			
10/31/2016	XX	LFXXX94A	324	8.32	11.3					313	8		0.2				
11/29/2016	XX	LFXXX955	310	7.47	7.3					349	8	120	0.5	0.0001			
12/13/2016	XX	LFXXX95I	155	7.72	4.2					341	8	125	1.2	0.0001			
1/10/2017	XX	LFXXX99H	164	8.12	12.8					358	9	120	0.5	0.0001			
2/8/2017	XX	LFXXX9AA	162	8.06	10.2					351	10	105	0.3	0.0002			
3/3/2017	XX	LFXXX9B3	162	8.05	14.8					348	8	125	0.3	0.0004			
4/5/2017	XX	LFXXX994	117	8.01	17.8					348	8	120	0.4	0.0006			
4/18/2017	XX	LFXXX984	312	8	9.2					349	10.8		0.8	0.0011			
5/25/2017	XX	LFXXX9BG	340	7.66	16.1					328	8	150	0.5	0.0004			
6/16/2017	XX	LFXXX9EH	400	8.1	17.3					354	8	205	0.7	0.0003			
7/25/2017	XX	LFXXX9E1	332	7.9	17.2					297	6.7		0.6	0.0006			

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Field Parameters

(LF-UD-5and6)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
7/31/2017	XX	LFXXXX9FA	426	7.7	19.3					386	7	245	0.2	0.0004			
8/31/2017	XX	LFXXXX9J0	378	8	19.1					383	6	205	0.1	0.00037			
9/28/2017	XX	LFXXXX9JC	375	8	17.9					363	6	205	0.9	0.0002			
10/25/2017	XX	LFXXXX9HG	F6	F6	F6					F6	F6	F6	F6	F6			
10/26/2017	XX	LFXXXXA04	373	8.2	17.3					392	6	185	0.5	0.00003			
11/30/2017	XX	LFXXXXA0G	337	7.7	10.9					426	6	150	0.3	0.00028			
12/27/2017	XX	LFXXXXA19	F	F	F					F	F	F	F	F			
1/19/2018	XX	LFXXXXA4F	310	8	6.1					409	7	130	0.5	0.00014			
2/22/2018	XX	LFXXXXA58	314	7.3	8.4					409	9	125	0.1	0.00037			
3/24/2018	XX	LFXXXXA94	338	8	10.4					428	9	130	0.3	0.00056			
4/3/2018	XX	LFXXXXA3G	307	8.2	9.8					484	12.8		0.8	0.00056			
4/28/2018	XX	LFXXXXA9H	317	8.1	15.4					411	8	150	0.3	0.00022			
5/11/2018	XX	LFXXXXAAA	344	7.8	13.2					441	9	150	0.4	0.00037			
6/2/2018	XX	LFXXXXADE	360	7.9	16.2					374	8	140	0.5	0.00045			
7/2/2018	XX	LFXXXXAIE	376	7.8	19.5					364	8	150	0.2	0.0002			
7/17/2018	XX	LFXXXXACG	387	8.2	16.7					486	8.2		0.8	0.00056			
8/17/2018	XX	LFXXXXAJ9	377	7.2	20.6					360	8	150	0.2	0.00017			
9/1/2018	XX	LFXXXXB2F	362	8	19.5					380	7	175	2.4	0.0002			
10/2/2018	XX	LFXXXXB1E	371	8.1	12.2					485	8.1		0.3	0.00056			
10/13/2018	XX	LFXXXXB39	339	7.5	13.2					371	7	150	1.1	0.0001			
11/2/2018	XX	LFXXXXB43	330	7.6	11.6					362	7	150	0.7	0.0002			
12/7/2018	XX	LFXXXXB82	232	8.1	8.6					387	7	70	1.7	0.0002			
1/3/2019	XX	LFXXXXB8G	F	F	F					F	F	F	F	F			
2/2/2019	XX	LFXXXXB9A	F6	F6	F6					F6	F6	F6	F6	F6			
3/2/2019	XX	LFXXXXBA4	F6	F6	F6					F6	F6	F6	F6	F6			
4/5/2019	XX	LFXXXXBAI	F	F	F					F	F	F	F	F			
4/23/2019	XX	LFXXXXB6C	289	8.2	7.6					357	9.7		0.4	0.0011			
5/10/2019	XX	LFXXXXBEA	280	6.9	15.2					317	6	175	0.8	0.0002			
6/24/2019	XX	LFXXXXBF4	328	7.8	17.3					356	8	175	0.1 U	0.0003			
7/16/2019	XX	LFXXXXBD3	333	7.9	17.3					346	12.8		1.2	0.0006			
7/30/2019	XX	LFXXXXBF1	330	8.2	20.5					336	8	180	0.6	0.0002			
8/20/2019	XX	LFXXXXBGC	327	8.2	25.3					341	6	175	0.4	0.0001			
9/20/2019	XX	LFXXXXC05	338	7.6	21.8					357	6	150	2.5	0.0001			
10/14/2019	XX	LFXXXXC0J	304	8.3	19.6					331	6	175	4.8	0.0001			
10/29/2019	XX	LFXXXXB1F	225	8	13.8					332	9.5		1.8	0.0006			
11/27/2019	XX	LFXXXXC1D	295	8.3	20.5					376	8	155	8.1	0.0001			
12/23/2019	XX	LFXXXXC33	279	8.3	12.8					343	8	140	20.2	0.0001			
1/17/2020	XX	LFXXXXC3I	305	8.4	7.6					386	10	150	0.6	0.0002			
2/4/2020	XX	LFXXXXC4D	284	8.3	13.2					331	10	150	0.1	0.0002			
3/27/2020	XX	LFXXXXCFA	249	8.3	13.2					392	6	150	0.3	0.0014			
4/28/2020	XX	LFXXXXCE3	322	8.2	8.9					403	9.3		1.6	0.0006			
4/29/2020	XX	LFXXXXCG4	266	8.3	16.5					330	6	150	0.1	0.0002			
5/27/2020	XX	LFXXXXD03	320	7.9	19.7					331	6	150	0.7	0.0002			
6/28/2020	XX	LFXXXXD0H	280	8.3	21.6					334	5	175	1.2	0.0002			
7/11/2020	XX	LFXXXXD1B	314	7.5	21.2					353	5	200	0.5	0.0001			
7/21/2020	XX	LFXXXXCIG	308	7.9	18.5					361	7.5		0.4	0.0002			
8/3/2020	XX	LFXXXXD59	325	7.9	21.1					352	6	175	0.1	0.0001			
9/27/2020	XX	LFXXXXD65	312	8.1	18.6					401	5	175	11.1	0.00003			
10/27/2020	XX	LFXXXXD3J	D	D	D					D	D	D	D	D			
10/31/2020	XX	LFXXXXD6J	326	8.5	14					404	8	200	51.3	0.00004			

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(LF-UD-5and6)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
11/29/2020	XX	LFXXXXD7D	313	8.4	15.6					383	8	140	22.6	0.0001			
12/13/2020	XX	LFXXXXD87	286	8	13.4					359	5	155	38.52	0.0001			
1/10/2021	XX	LFXXXXDF1	295	8.4	16.2					360	8	160	0.5	0.0001			
2/28/2021	XX	LFXXXXDE7	272	8.3	13.1					349	8	175	18.6	0.00005			
3/30/2021	XX	LFXXXXDFJ	289	8	15.6					389	8	145	9.3	0.0001			
4/6/2021	XX	LFXXXXDD2	264	7.9	8					371	8.5		1	0.0004			
4/29/2021	XX	LFXXXXDHF	297	7.5	16.2					384	6	150	5.7	0.0001			
5/19/2021	XX	LFXXXXDI9	327	8.5	21.1					532	6	190	1.7	0.0002			
6/2/2021	XX	LFXXXXE30	268	8.5	20.3					314	8	165	1.4	0.0001			
7/13/2021	XX	LFXXXXE0E	339	7	18.9					338	7.2		0.7	0.0003			
7/16/2021	XX	LFXXXXE3G	398	7.8	25.4					380	7	175	0.7	0.0001			
8/3/2021	XX	LFXXXXEF1	342	8.5	24.1					377	6	185	1	0.0033			
9/18/2021	XX	LFXXXXE0	450	7.6	20.2					358	7	175	16.1	0.0033			
10/5/2021	XX	LFXXXXE71	296	7.8	13.1					258	7.6		0.6	0.0011			
10/16/2021	XX	LFXXXXEEJ	297	7.4	17.8					352	6	180	4.1	0.0053			
11/20/2021	XX	LFXXXXEHH	293	8.4	13.7					327	7	130	13.8	0.0001			
12/18/2021	XX	LFXXXXEIJ	297	8.4	13.2					329	6	135	2.1	0.0001			
1/16/2022	XX	LFXXXXF4F	270	7.7	15.8					340	6	130	6.3	0.0001			
2/20/2022	XX	LFXXXXF5F	253	7.2	7.4					338	11	150	5.6	0.0001			
3/20/2022	XX	LFXXXXF6F	316	8	12.6					98	8	150	13.7	0.0001			
4/15/2022	XX	LFXXXXFC6	319	7.7	18.7					302	6	175	5.6	0.0002			
4/26/2022	XX	LFXXXXF1D	275	7	9.8					368	7.4		0.3	0.0006			
5/10/2022	XX	LFXXXXFD6	326	7.6	18.9					339	6	175	10.4	0.0001			
6/7/2022	XX	LFXXXXFEG	365	8.3	20.8					315	6		57.7	0.0001			
7/19/2022	XX	LFXXXXF9C	334	6.9	20.6					285	4.9		0.7	0.0004			
7/21/2022	XX	LFXXXXFFG	382	7.9	23					322	6	200	50.5	0.0001			
8/8/2022	XX	LFXXXXG35	390	7.3	18.6					335	5	200	11.2	0.0001			
9/2/2022	XX	LFXXXXG5H	389	8.3	18.6					334	6	200	10.4	0.0001			
10/4/2022	XX	LFXXXXFJC	282	7.5	13.1					303	5.1		0.8	0.0006			
10/6/2022	XX	LFXXXXG8J	328	8.4	13.2					286	5	175	8.9	0.0001			
11/4/2022	XX	LFXXXXGAA	329	7.9	9.9					316	6	150	2.8	0.0001			
12/5/2022	XX	LFXXXXGCF	330	7.8	9.2					320	6	175	2.4	0.0001			
LF-UD-6																	
1/30/2013	XX	LFUD6X60D	704	7.6	12.5					472	6	250	1.14				
2/15/2013	XX	LFUD6X601	281	7.6	10.6					374	6	110	5.3				
3/28/2013	XX	LFUD6X616	499	7.6	11					330	8	155	1.27				
4/23/2013	XX	LFUD6X5J9	572	7.3	12.2					234	6	140	5	0.0022			
4/24/2013	XX	LFUD6X611	467	7.7	12.2					351	8	225	0.87				
5/30/2013	XX	LFUD6X62A	525	7.4	18.5					376	6	225	0.26				
6/26/2013	XX	LFUD6X632	809	7.3	16.6					361	6	275	0.26				
7/30/2013	XX	LFUD6X65E	823	7.3	19.5					140	5	235	10.3	0.0022			
8/20/2013	XX	LFUD6X69C	919	7.4	21.4					374	6	250	0.65				
9/26/2013	XX	LFUD6X690	899	7.4	16.6					379	6	250	1.14	F14			
10/29/2013	XX	LFUD6X683	913	7.7	16.1					422	4	265	2.2	0.0022			
11/25/2013	XX	LFUD6X6A5	788	7.6	15.3					396	6	300	0.8				
12/17/2013	XX	LFUD6X6D5	785	7.7	7.6					403	6	225	1.55				
1/24/2014	XX	LFUD6X6DH	F6	F6	F6					F6	F6	F6	F6				
2/24/2014	XX	LFUD6X6HE	685	7.8	11.1					383	8	275	6.68				
3/27/2014	XX	LFUD6X6H2	672	7.7	14.9					339	8	250	13.75				

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4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LF-UD-6)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
4/22/2014	XX	LFUD6X6GA	712	7	14.3					479	6	160	1.6	0.0022			
4/23/2014	XX	LFUD6X6IA	749	7.43	16.4					369	8	350	8.27				
4/29/2014	XX	LFUD6X6I6	392	8.1	14.6					321	10	155	32.95				
5/23/2014	XX	LFUD6X715	774	7.6	19.6					361	8	350	0.94				
6/24/2014	XX	LFUD6X71H	841	7.7	19.5					353	8	350	0.87				
7/29/2014	XX	LFUD6X70C	803	7.5	19.7					386	5	90	0.7				
8/26/2014	XX	LFUD6X74H	842	7.6	23.1					414	7	385	0.37				
9/23/2014	XX	LFUD6X758	847	7.6	23.3					352		300	1				
10/21/2014	XX	LFUD6X740	767	7.5	16.6					357	6	240	0.4	0.0022			
11/28/2014	XX	LFUD6X760	810	7.5	15.7					360	5	260	M				
12/24/2014	XX	LFUD6X76D	847	7.5	16					436	7	325	0.65				
2/3/2015	XX	LFUD6X774	F	F	F					F	F	F	F				
2/21/2015	XX	LFUD6X77F	F6	F6	F6					F6	F6	F6	F6				
3/28/2015	XX	LFUD6X7AD	798	7.5	16.2					412	5	200	5.6				
4/16/2015	XX	LFUD6X7B6	754	7.6	17.1					380	6	200	8.75				
4/28/2015	XX	LFUD6X7A0	839	7.4	12.6					309	6.2		2.2	0.0022			
5/22/2015	XX	LFUD6X7FB	815	7.8	19.1					375	10	335	0.5				
6/22/2015	XX	LFUD6X7EJ	840	7.6	23.4					334	8	375	0.16				
7/14/2015	XX	LFUD6X7DC	823	7.4	18					349	7.2		0.8	0.0022			
7/23/2015	XX	LFUD6X7G3	834	7.5	23.5					377	8	275	0.1				
8/24/2015	XX	LFUD6X7GF	845	7.5	17.1					370	7	400	0.8				
9/26/2015	XX	LFUD6X808	816	7.5	20.6					362	6	350	0.3				
10/27/2015	XX	LFUD6X71J	764	7.7	14.9					348	4.3		1.2	0.0022			
10/31/2015	XX	LFUD6X810	851	7.6	15.7					347	7	475	1.2				
11/27/2015	XX	LFUD6X81C	864	7.6	16.9					373	8	380	0.8				
12/30/2015	XX	LFUD6X825	F6	F6	F6					F6	F6	F6	F6				
1/14/2016	XX	LFUD6X82H	F6	F6	F6					F6	F6	F6	F6				
2/18/2016	XX	LFUD6X889	F6	F6	F6					F6	F6	F6	F6	F6			
3/17/2016	XX	LFUD6X891	859	7.3	16.1					329	7	375	2.3				
4/5/2016	XX	LFUD6X87B	850	7.7	10.6					312	6.8		1.1	0.0022			
4/21/2016	XX	LFUD6X89D	870	7.4	20.6					311	9	260	0.3				
5/26/2016	XX	LFUD6X8CJ	F6	F6	F6					F6	F6	F6	F6				
6/27/2016	XX	LFUD6X8E3	F6	F6	F6					F6	F6	F6	F6				
7/20/2016	XX	LFUD6X8F7	F6	F6	F6					F6	F6	F6	F6				
7/26/2016	XX	LFUD6X8C1	D	D	D					D	D		D	D			
8/29/2016	XX	LFUD6X90I	871	7.37	23.8					322	9	300	4.3				
9/23/2016	XX	LFUD6X93H	592	7.7	18.7					312	9	225	6.7				
10/25/2016	XX	LFUD6X8JJ	I	I	I					I	I	I	I	I			
10/31/2016	XX	LFUD6X94B	H8	H8	H8					H8	H8	H8	H8				
11/29/2016	XX	LFUD6X956	F6	F6	F6					F6	F6	F6	F6	F6			
12/13/2016	XX	LFUD6X95J	F6	F6	F6					F6	F6	F6	F6	F6			
1/10/2017	XX	LFUD6X99I	F6	F6	F6					F6	F6	F6	F6	F6			
2/8/2017	XX	LFUD6X9AB	F6	F6	F6					F6	F6	F6	F6	F6			
3/3/2017	XX	LFUD6X9B4	F6	F6	F6					F6	F6	F6	F6	F6			
4/5/2017	XX	LFUD6X995	F6	F6	F6					F6	F6	F6	F6	F6			
4/18/2017	XX	LFUD6X986	439	7.6	14.2					366	7.5		1.2	0.0022			
5/25/2017	XX	LFUD6X9BH	355	7.33	17.2					426	6	175	0.7				
6/16/2017	XX	LFUD6X9EI	486	8.5	22.1					338	7	250	126.9				
7/25/2017	XX	LFUD6X9E3	I	I	I					I	I	I	I	I			
7/31/2017	XX	LFUD6X9FB	398	7.7	20.8					391	6	165	22.2				

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(LF-UD-6)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
8/31/2017	XX	LFUD6X9J1	327	7.2	22.4					413	8	145	0.7				
9/28/2017	XX	LFUD6X9JD	F6	F6	F6					F6	F6	F6	F6	F6			
10/25/2017	XX	LFUD6X9HI	413	7.2	18.9					407	5.7		2.1	0.0022			
10/26/2017	XX	LFUD6XA05	442	7.5	19.3					405	6	215	32.3				
11/30/2017	XX	LFUD6XA0H	293	7	14.9					436	6	125	1.4				
12/27/2017	XX	LFUD6XA1A	270	7.3	15.8					426	7	103	2.7				
1/19/2018	XX	LFUD6XA4G	277	7.4	9.1					425	7	100	1.7				
2/22/2018	XX	LFUD6XA59	292	7	11					420	8	90	0.2				
3/24/2018	XX	LFUD6XA95	301	7.1	11.8					439	7	110	0.7				
4/3/2018	XX	LFUD6XA3I	302	7.6	15					461	4.5		1.3	0.00223			
4/28/2018	XX	LFUD6XA9I	212	7.3	17.7					418	8	100	0.4				
5/11/2018	XX	LFUD6XAAAB	263	7.2	17.9					454	7	105	1				
6/2/2018	XX	LFUD6XADF	262	7	20.1					394	6	115	1.2				
7/2/2018	XX	LFUD6XAIF	F6	F6	F6					F6	F6		F6				
7/17/2018	XX	LFUD6XACI	328	8.4	20.4					466	3.6		1.4	0.00223			
8/17/2018	XX	LFUD6XAJA	268	6.7	23.9					374	6	115	0.9				
9/1/2018	XX	LFUD6XB2G	281	7	21.7					406	6	100	2.6				
10/2/2018	XX	LFUD6XB1G	294	7.3	16.7					487	4.8		0.5	0.00056			
10/13/2018	XX	LFUD6XB3A	246	6.9	15.4					383	5	75	7.4				
11/2/2018	XX	LFUD6XB44	241	6.8	13.2					381	7	70	1.6				
12/7/2018	XX	LFUD6XB83	243	7.4	8.1					380	7	140	0.6				
1/3/2019	XX	LFUD6XB8H	297	6.8	11.3					386	7	70	2.1				
2/2/2019	XX	LFUD6XB9B	F	F	F					F	F	F	F				
3/2/2019	XX	LFUD6XBA5	337	7.7	15.3					340	5	75	0.8				
4/5/2019	XX	LFUD6XBAJ	320	8.3	14.1					354	6	100	1.4				
4/23/2019	XX	LFUD6XB6E	380	7.1	14.7					375	6.8		0.8	0.0022			
5/10/2019	XX	LFUD6XBEB	201	7.1	15.4					314	6	35	1.4				
6/24/2019	XX	LFUD6XBF5	239	7.4	21					359	8	60	0.2				
7/16/2019	XX	LFUD6XBD5	184	7.8	20.7					379	9		0.8	0.0006			
7/30/2019	XX	LFUD6XBFJ	70	7.3	21.2					343	8	35	0.9				
8/20/2019	XX	LFUD6XBGD	82	7.4	24.8					349	6	40	0.4				
9/20/2019	XX	LFUD6XC06	112	7.1	21.9					353	6	45	13.8				
10/14/2019	XX	LFUD6XC10	204	6.4	20.3					373	5	180	43.6				
10/29/2019	XX	LFUD6XBIH	267	6.3	17.5					282	6.6		1.5	0.0011			
11/27/2019	XX	LFUD6XC1E	310	5.2	20.4					449	6	TK	2.2				
12/23/2019	XX	LFUD6XC34	L	L	L					L	L	L	L				
1/4/2020	XX	LFXXXXC3A	515	4.3	14					434	8	TK	1.6				
1/17/2020	XX	LFXXXXC45	460	4.4	14.8					520	8	TK	19.4				
2/4/2020	XX	LFXXXXC50	225	4	18.6					488	6	TK	0.8				
3/27/2020	XX	LFXXXXCFG	315	4.1	17.7					512	6		0.3				
4/28/2020	XX	LFUD6XCE5	579	4.2	14.1					605	7		0.6	0.0006			
4/29/2020	XX	LFXXXXCGA	H8	H8	H8					H8	H8	H8	H8	H8			
5/27/2020	XX	LFXXXXD09	F6	F6	F6					F6	F6	F6	F6	F6			
6/28/2020	XX	LFXXXXD13	F6	F6	F6					F6	F6	F6	F6	F6			
7/11/2020	XX	LFXXXXD1H	F6	F6	F6					F6	F6	F6	F6	F6			
7/21/2020	XX	LFUD6XCII	D	D	D					D	D	D	D	D			
8/3/2020	XX	LFXXXXD5F	F6	F6	F6					F6	F6	F6	F6	F6			
9/27/2020	XX	LFXXXXD6B	F6	F6	F6					F6	F6	F6	F6	F6			
10/27/2020	XX	LFUD6XD41	D	D	D					D	D	D	D	D			
10/31/2020	XX	LFXXXXD75	F6	F6	F6					F6	F6	F6	F6	F6			

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

(LF-UD-6)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
11/29/2020	XX	LFXXXXD7J	F6	F6	F6					F6	F6	F6	F6	F6
12/13/2020	XX	LFXXXXD8D	F6	F6	F6					F6	F6	F6	F6	F6
1/10/2021	XX	LFXXXXDF7	F6	F6	F6					F6	F6	F6	F6	F6
2/28/2021	XX	LFXXXXDED	F6	F6	F6					F6	F6	F6	F6	F6
3/30/2021	XX	LFXXXXDG5	F6	F6	F6					F6	F6	F6	F6	F6
4/6/2021	XX	LFUD6XDD4	1154	5.1	15.9					504	5.3		1.1	0.0006
4/29/2021	XX	LFXXXXD11	F6	F6	F6					F6	F6	F6	F6	F6
5/19/2021	XX	LFXXXXDIF	758	4	22.2					495	5	TK	3.7	0.0003
6/2/2021	XX	LFXXXXE36	642	4.6	20.2					370	8	TK	42.1	0.00002
7/13/2021	XX	LFUD6XE0G	I	I	I					I	I	I	I	I
7/16/2021	XX	LFXXXXE42	F6	F6	F6					F6	F6	F6	F6	F6
8/3/2021	XX	LFXXXXEG5	1365	3.8	24.4					487	6	TK	7	I
9/18/2021	XX	LFXXXXE6	F6	F6	F6					F6	F6	F6	F6	F6
10/5/2021	XX	LFUD6XE72	295	5.6	14					426	5.2		0.5	0.0022
10/16/2021	XX	LFXXXXEF5	F6	F6	F6					F6	F6	F6	F6	F6
11/20/2021	XX	LFXXXXE13	F6	F6	F6					F6	F6	F6	F6	F6
12/18/2021	XX	LFXXXXEJ5	F6	F6	F6					F6	F6	F6	F6	F6
1/16/2022	XX	LFXXXXF51	F6	F6	F6					F6	F6	F6	F6	F6
2/20/2022	XX	LFXXXXF61	F6	F6	F6					F6	F6	F6	F6	F6
3/20/2022	XX	LFXXXXF71	F6	F6	F6					F6	F6	F6	F6	F6
4/15/2022	XX	LFXXXXFCC	F6	F6	F6					F6	F6	F6	F6	F6
4/26/2022	XX	LFUD6XF1E	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2022	XX	LFXXXXFDC	F6	F6	F6					F6	F6	F6	F6	F6
6/7/2022	XX	LFXXXXFF2	F6	F6	F6					F6	F6	F6	F6	F6
7/19/2022	XX	LFUD6XF9E	D	D	D					D	D	D	D	D
7/21/2022	XX	LFXXXXFG2	F6	F6	F6					F6	F6	F6	F6	F6
8/8/2022	XX	LFXXXXG3B	F6	F6	F6					F6	F6	F6	F6	F6
9/2/2022	XX	LFXXXXG63	F6	F6	F6					F6	F6	F6	F6	F6
10/4/2022	XX	LFUD6XFJD	D	D	D					D	D	D	D	F6
10/6/2022	XX	LFXXXXG95	F6	F6	F6					F6	F6		F6	F6
11/4/2022	XX	LFXXXXGAG	F6	F6	F6					F6	F6		F6	F6
12/5/2022	XX	LFXXXXGD1	F6	F6	F6					F6	F6		F6	F6
LF-UD-7														
1/30/2013	XX	LFUD7X60F	H8	H8	H8					H8	H8	H8	H8	
2/15/2013	XX	LFUD7X603	H8	H8	H8					H8	H8	H8	H8	
3/28/2013	XX	LFUD7X618	H8	H8	H8					H8	H8	H8	H8	
4/23/2013	XX	LFUD7X5JA	F6	F6	F6					F6	F6	F6	F6	
4/24/2013	XX	LFUD7X620	H8	H8	H8					H8	H8	H8	H8	
5/30/2013	XX	LFUD7X62C	H8	H8	H8					H8	H8	H8	H8	
6/26/2013	XX	LFUD7X634	H8	H8	H8					H8	H8	H8	H8	
7/30/2013	XX	LFUD7X65F	F6	F6	F6					F6	F6	F6	F6	
8/20/2013	XX	LFUD7X69E	H8	H8	H8					H8	H8	H8	H8	
9/26/2013	XX	LFUD7X692	H8	H8	H8					H8	H8	H8	H8	
10/29/2013	XX	LFUD7X684	F6	F6	F6					F6	F6	F6	F6	
11/25/2013	XX	LFUD7X6A7	H8	H8	H8					H8	H8	H8	H8	
12/17/2013	XX	LFUD7X6D7	H8	H8	H8					H8	H8	H8	H8	
1/24/2014	XX	LFUD7X6DJ	H8	H8	H8					H8	H8	H8	H8	
2/24/2014	XX	LFUD7X6HG	H8	H8	H8					H8	H8	H8	H8	
3/27/2014	XX	LFUD7X6H4	H8	H8	H8					H8	H8	H8	H8	

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FOR: Juniper Ridge Landfill

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

(LF-UD-7)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/22/2014	XX	LFUD7X6GB	F6	F6	F6					F6	F6	F6	F6	
4/29/2014	XX	LFUD7X6I8	H8	H8	H8					H8	H8	H8	H8	
5/23/2014	XX	LFUD7X717	H8	H8	H8					H8	H8	H8	H8	
6/24/2014	XX	LFUD7X71J	H8	H8	H8					H8	H8	H8	H8	
7/29/2014	XX	LFUD7X70D	F6	F6	F6					F6	F6	F6	F6	
8/26/2014	XX	LFUD7X74J	F6	F6	F6					F6	F6	F6	F6	
9/23/2014	XX	LFUD7X75A	H8	H8	H8					H8	H8	H8	H8	
10/21/2014	XX	LFUD7X741	F6	F6	F6					F6	F6	F6	F6	
11/28/2014	XX	LFUD7X762	H8	H8	H8					H8	H8	H8	H8	
12/24/2014	XX	LFUD7X76F	H8	H8	H8					H8	H8	H8	H8	
2/3/2015	XX	LFUD7X776	H8	H8	H8					H8	H8	H8	H8	
2/21/2015	XX	LFUD7X77H	H8	H8	H8					H8	H8	H8	H8	
3/28/2015	XX	LFUD7X7AF	H8	H8	H8					H8	H8	H8	H8	
4/16/2015	XX	LFUD7X7B8	F6	F6	F6					F6	F6	F6	F6	
4/28/2015	XX	LFUD7X7A1	F6	F6	F6					F6	F6	F6	F6	
5/22/2015	XX	LFUD7X7FD	F6	F6	F6					F6	F6	F6	F6	
6/22/2015	XX	LFUD7X7F1	F6	F6	F6					F6	F6	F6	F6	
7/14/2015	XX	LFUD7X7DD	F6	F6	F6					F6	F6	F6	F6	
7/23/2015	XX	LFUD7X7G5	F12	F12	F12					F12	F12	F12	F12	
8/24/2015	XX	LFUD7X7GH	F12	F12	F12					F12	F12	F12	F12	
9/26/2015	XX	LFUD7X80A	F6	F6	F6					F6	F6	F6	F6	
10/27/2015	XX	LFUD7X7J0	F6	F6	F6					F6	F6	F6	F6	
10/31/2015	XX	LFUD7X812	F6	F6	F6					F6	F6	F6	F6	
11/27/2015	XX	LFUD7X81E	F6	F6	F6					F6	F6	F6	F6	
12/30/2015	XX	LFUD7X827	F6	F6	F6					F6	F6	F6	F6	F6
1/14/2016	XX	LFUD7X82J	F6	F6	F6					F6	F6	F6	F6	F6
2/18/2016	XX	LFUD7X88B	F6	F6	F6					F6	F6	F6	F6	F6
3/17/2016	XX	LFUD7X893	F6	F6	F6					F6	F6	F6	F6	F6
4/5/2016	XX	LFUD7X87C	F6	F6	F6					F6	F6	F6	F6	F6
4/21/2016	XX	LFUD7X89F	F6	F6	F6					F6	F6	F6	F6	F6
5/26/2016	XX	LFUD7X8D1	F6	F6	F6					F6	F6	F6	F6	F6
6/27/2016	XX	LFUD7X8E5	F6	F6	F6					F6	F6	F6	F6	F6
7/20/2016	XX	LFUD7X8F9	F6	F6	F6					F6	F6	F6	F6	F6
7/26/2016	XX	LFUD7X8C2	F6	F6	F6					F6	F6	F6	F6	F6
8/29/2016	XX	LFUD7X91B	F6	F6	F6					F6	F6	F6	F6	F6
9/23/2016	XX	LFUD7X93J	F6	F6	F6					F6	F6	F6	F6	F6
10/25/2016	XX	LFUD7X900	F6	F6	F6					F6	F6	F6	F6	F6
10/31/2016	XX	LFUD7X94D	H8	H8	H8					H8	H8	H8	H8	H8
11/29/2016	XX	LFUD7X958	H8	H8	H8					H8	H8	H8	H8	H8
12/13/2016	XX	LFUD7X961	H8	H8	H8					H8	H8	H8	H8	H8
1/10/2017	XX	LFUD7X9A0	H8	H8	H8					H8	H8	H8	H8	H8
2/8/2017	XX	LFUD7X9AD	H8	H8	H8					H8	H8	H8	H8	H8
3/3/2017	XX	LFUD7X9B6	H8	H8	H8					H8	H8	H8	H8	H8
4/5/2017	XX	LFUD7X997	H8	H8	H8					H8	H8	H8	H8	H8
4/18/2017	XX	LFUD7X987	F6	F6	F6					F6	F6	F6	F6	F6
5/25/2017	XX	LFUD7X9BJ	F6	F6	F6					F6	F6	F6	F6	F6
6/16/2017	XX	LFUD7X9F0	F6	F6	F6					F6	F6	F6	F6	F6
7/25/2017	XX	LFUD7X9E4	F6	F6	F6					F6	F6	F6	F6	F6
7/31/2017	XX	LFUD7X9FD	H8	H8	H8					H8	H8	H8	H8	H8
8/31/2017	XX	LFUD7X9J3	F6	F6	F6					F6	F6	F6	F6	F6

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Field Parameters

(LF-UD-7)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
9/28/2017	XX	LFUD7X9JF	H8	H8	H8					H8	H8	H8	H8	H8
10/25/2017	XX	LFUD7X9HJ	F6	F6	F6					F6	F6	F6	F6	F6
10/26/2017	XX	LFUD7XA07	H8	H8	H8					H8	H8	H8	H8	H8
11/30/2017	XX	LFUD7XA0J	F6	F6	F6					F6	F6	F6	F6	F6
12/27/2017	XX	LFUD7XA1C	F6	F6	F6					F6	F6	F6	F6	F6
1/19/2018	XX	LFUD7XA4I	F6	F6	F6					F6	F6	F6	F6	F6
2/22/2018	XX	LFUD7XA5B	F6	F6	F6					F6	F6	F6	F6	F6
3/24/2018	XX	LFUD7XA97	F6	F6	F6					F6	F6	F6	F6	F6
4/3/2018	XX	LFUD7XA3J	F6	F6	F6					F6	F6	F6	F6	F6
4/28/2018	XX	LFUD7XAA0	H8	H8	H8					H8	H8	H8	H8	H8
5/11/2018	XX	LFUD7XAAD	F6	F6	F6					F6	F6	F6	F6	F6
6/2/2018	XX	LFUD7XADH	H8	H8	H8					H8	H8	H8	H8	H8
7/2/2018	XX	LFUD7XAIH	H8	H8	H8					H8	H8	H8	H8	H8
7/17/2018	XX	LFUD7XACJ	F6	F6	F6					F6	F6	F6	F6	F6
8/17/2018	XX	LFUD7XAJC	H8	H8	H8					H8	H8	H8	H8	H8
9/1/2018	XX	LFUD7XB2I	H8	H8	H8					H8	H8	H8	H8	H8
10/2/2018	XX	LFUD7XB1H	F6	F6	F6					F6	F6	F6	F6	F6
10/13/2018	XX	LFUD7XB3C	H8	H8	H8					H8	H8	H8	H8	H8
11/2/2018	XX	LFUD7XB4E	H8	H8	H8					H8	H8	H8	H8	H8
12/7/2018	XX	LFUD7XB85	H8	H8	H8					H8	H8	H8	H8	H8
1/3/2019	XX	LFUD7XB8J	H8	H8	H8					H8	H8	H8	H8	H8
2/2/2019	XX	LFUD7XB9D	H8	H8	H8					H8	H8	H8	H8	H8
3/2/2019	XX	LFUD7XBA7	H8	H8	H8					H8	H8	H8	H8	H8
4/5/2019	XX	LFUD7XBB1	H8	H8	H8					H8	H8	H8	H8	H8
4/23/2019	XX	LFUD7XB6F	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2019	XX	LFUD7XBED	H8	H8	H8					H8	H8	H8	H8	H8
6/24/2019	XX	LFUD7XBF7	H8	H8	H8					H8	H8	H8	H8	H8
7/16/2019	XX	LFUD7XBD6	F6	F6	F6					F6	F6	F6	F6	F6
7/30/2019	XX	LFUD7XBG1	H8	H8	H8					H8	H8	H8	H8	H8
8/20/2019	XX	LFUD7XBGF	H8	H8	H8					H8	H8	H8	H8	H8
9/20/2019	XX	LFUD7XC08	H8	H8	H8					H8	H8	H8	H8	H8
10/14/2019	XX	LFUD7XC12	H8	H8	H8					H8	H8	H8	H8	H8
10/29/2019	XX	LFUD7XBII	F6	F6	F6					F6	F6	F6	F6	F6
11/27/2019	XX	LFUD7XC1G	H8	H8	H8					H8	H8	H8	H8	H8
12/23/2019	XX	LFUD7XC3E	H8	H8	H8					H8	H8	H8	H8	H8
1/17/2020	XX	LFUD7XC4I	H8	H8	H8					H8	H8	H8	H8	H8
2/4/2020	XX	LFUD7XC4G	H8	H8	H8					H8	H8	H8	H8	H8
3/27/2020	XX	LFUD7XCFC	H8	H8	H8					H8	H8	H8	H8	H8
4/28/2020	XX	LFUD7XCE6	F6	F6	F6					F6	F6	F6	F6	F6
4/29/2020	XX	LFUD7XCG6	H8	H8	H8					H8	H8	H8	H8	H8
5/27/2020	XX	LFUD7XD05	H8	H8	H8					H8	H8	H8	H8	H8
6/28/2020	XX	LFUD7XD0J	H8	H8	H8					H8	H8	H8	H8	H8
7/11/2020	XX	LFUD7XD1D	H8	H8	H8					H8	H8	H8	H8	H8
7/21/2020	XX	LFUD7XC1J	F6	F6	F6					F6	F6	F6	F6	F6
8/3/2020	XX	LFUD7XD5B	H8	H8	H8					H8	H8	H8	H8	H8
9/27/2020	XX	LFUD7XD67	H8	H8	H8					H8	H8	H8	H8	H8
10/27/2020	XX	LFUD7XD42	F6	F6	F6					F6	F6	F6	F6	F6
10/31/2020	XX	LFUD7XD71	H8	H8	H8					H8	H8	H8	H8	H8
11/29/2020	XX	LFUD7XD7F	H8	H8	H8					H8	H8	H8	H8	H8
12/13/2020	XX	LFUD7XD89	H8	H8	H8					H8	H8	H8	H8	H8

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Field Parameters

(LF-UD-7)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
1/10/2021	XX	LFUD7XDF3	H8	H8	H8					H8	H8	H8	H8	H8			
2/28/2021	XX	LFUD7XDE9	H2	H2	H2					H2	H2	H2	H2	H2			
3/30/2021	XX	LFUD7XDG1	H8	H8	H8					H8	H8	H8	H8	H8			
4/6/2021	XX	LFUD7XDD5	H8	H8	H8					H8	H8	H8	H8	H8			
4/29/2021	XX	LFUD7XDHH	H8	H8	H8					H8	H8	H8	H8	H8			
5/19/2021	XX	LFUD7XDIB	H8	H8	H8					H8	H8	H8	H8	H8			
6/2/2021	XX	LFUD7XE32	H8	H8	H8					H8	H8	H8	H8	H8			
7/13/2021	XX	LFUD7XE0H	F6	F6	F6					F6	F6	F6	F6	F6			
7/16/2021	XX	LFUD7XE3I	H8	H8	H8					H8	H8	H8	H8	H8			
8/3/2021	XX	LFUD7XEG0	H8	H8	H8					H8	H8	H8	H8	H8			
9/18/2021	XX	LFUD7XEE2	H8	H8	H8					H8	H8	H8	H8	H8			
10/5/2021	XX	LFUD7XE73	F6	F6	F6					F6	F6	F6	F6	F6			
10/16/2021	XX	LFUD7XEF1	H8	H8	H8					H8	H8	H8	H8	H8			
11/20/2021	XX	LFUD7XEHJ	H8	H8	H8					H8	H8	H8	H8	H8			
12/18/2021	XX	LFUD7XEJ1	H8	H8	H8					H8	H8	H8	H8	H8			
1/16/2022	XX	LFUD7XF4H	H8	H8	H8					H8	H8	H8	H8	H8			
2/20/2022	XX	LFUD7XF5H	H8	H8	H8					H8	H8	H8	H8	H8			
3/20/2022	XX	LFUD7XF6H	H8	H8	H8					H8	H8	H8	H8	H8			
4/15/2022	XX	LFUD7XFC8	H8	H8	H8					H8	H8	H8	H8	H8			
4/26/2022	XX	LFUD7XF1F	F6	F6	F6					F6	F6	F6	F6	F6			
5/10/2022	XX	LFUD7XFD8	H8	H8	H8					H8	H8	H8	H8	H8			
6/7/2022	XX	LFUD7XFEI	H8	H8	H8					H8	H8	H8	H8	H8			
7/19/2022	XX	LFUD7XF9F	D	D	D					D	D	D	D	D			
7/21/2022	XX	LFUD7XFFI	H8	H8	H8					H8	H8	H8	H8	H8			
8/8/2022	XX	LFUD7XG37	H8	H8	H8					H8	H8	H8	H8	H8			
9/2/2022	XX	LFUD7XG5J	H8	H8	H8					H8	H8	H8	H8	H8			
10/4/2022	XX	LFUD7XFJE	D	D	D					D	D	D	D	F6			
10/6/2022	XX	LFUD7XG9I	H8	H8	H8					H8	H8	H8	H8	H8			
11/4/2022	XX	LFUD7XGAC	H8	H8	H8					H8	H8	H8	H8	H8			
12/5/2022	XX	LFUD7XGCH	H8	H8	H8					H8	H8	H8	H8	H8			
LF-UD-8																	
1/30/2013	XX	LFUD8X60H	64	7.5	7.1					431	10	50 <	24.35				
2/15/2013	XX	LFUD8X605	F	F	F					F	F	F	F	F			
3/28/2013	XX	LFUD8X61A	290	8.1	8.8					350	8	150	0.27				
4/23/2013	XX	LFUD8X5JD	319	7.1	9.9					235	5	145	1.2	0.0011			
4/24/2013	XX	LFUD8X622	243	7.1	11.2					359	8	140	0.04	0.0002			
5/30/2013	XX	LFUD8X62E	F12	F12	F12					F12	F12	F12	F12	F12			
6/26/2013	XX	LFUD8X636	F12	F12	F12					F12	F12	F12	F12	F12			
7/30/2013	XX	LFUD8X65G	355	6.8	17.9					269	5	140	0.8	0.0022			
8/20/2013	XX	LFUD8X69G	H2	H2	H2					H2	H2	H2	H2	H2			
9/26/2013	XX	LFUD8X694	363	7.1	16					568	8	135	0.8	0.0003			
10/29/2013	XX	LFUD8X685	407	7	9.6					435	5	140	0.6	0.0011			
11/25/2013	XX	LFUD8X6A9	374	7.2	9.9					401	10	165	0.42	0.00003			
12/17/2013	XX	LFUD8X6D9	344	7.2	5.9					405	6	185	0.64	0.0002			
1/24/2014	XX	LFUD8X6E1	F	F	F					F	F	F	F	F			
2/24/2014	XX	LFUD8X6HH	F12	F12	F12					F12	F12	F12	F12	F12			
3/27/2014	XX	LFUD8X6H5	F12	F12	F12					F12	F12	F12	F12	F12			
4/22/2014	XX	LFUD8X6GC	F12	F12	F12					F12	F12	F12	F12	F12			
4/29/2014	XX	LFUD8X6I9	F12	F12	F12					F12	F12	F12	F12	F12			

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Field Parameters

(LF-UD-8)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
5/23/2014	XX	LFUD8X718	F12	F12	F12					F12	F12	F12	F12	F12			
6/24/2014	XX	LFUD8X720	F12	F12	F12					F12	F12	F12	F12	F12			
7/29/2014	XX	LFUD8X70E	108	7.8	24					397	5	15	0.8	0.0022			
8/26/2014	XX	LFUD8X750	F12	F12	F12					F12	F12	F12	F12	F12			
9/23/2014	XX	LFUD8X75B	F6	F6	F6					F6	F6	F6	F6	F6			
10/21/2014	XX	LFUD8X742	96	7.9	12.3					332	6	25	2.6	0.0022			
11/28/2014	XX	LFUD8X763	F12	F12	F12					F12	F12	F12	F12	F12			
12/24/2014	XX	LFUD8X76G	F12	F12	F12					F12	F12	F12	F12	F12			
2/3/2015	XX	LFUD8X777	F	F	F					F	F	F	F	F			
2/21/2015	XX	LFUD8X77I	F6	F6	F6					F6	F6	F6	F6	F6			
3/28/2015	XX	LFUD8X7AG	F6	F6	F6					F6	F6	F6	F6	F6			
4/16/2015	XX	LFUD8X7B9	F12	F12	F12					F12	F12	F12	F12	F12			
4/28/2015	XX	LFUD8X7A2	100	7.9	9.7					375	10.8		1.8	0.0045			
5/22/2015	XX	LFUD8X7FE	F12	F12	F12					F12	F12	F12	F12	F12			
6/22/2015	XX	LFUD8X7F2	F12	F12	F12					F12	F12	F12	F12	F12			
7/14/2015	XX	LFUD8X7DE	I	I	I					I	I	I	I	I			
7/23/2015	XX	LFUD8X7G6	F12	F12	F12					F12	F12	F12	F12	F12			
8/24/2015	XX	LFUD8X7GI	F12	F12	F12					F12	F12	F12	F12	F12			
9/26/2015	XX	LFUD8X80B	H8	H8	H8					H8	H8	H8	H8	H8			
10/27/2015	XX	LFUD8X7J1	F6	F6	F6					F6	F6	F6	F6	F6			
10/31/2015	XX	LFUD8X813	F12	F12	F12					F12	F12	F12	F12	F12			
11/27/2015	XX	LFUD8X81F	F6	F6	F6					F6	F6	F6	F6	F6			
12/30/2015	XX	LFUD8X828	F12	F12	F12					F12	F12	F12	F12	F12			
1/14/2016	XX	LFUD8X830	F12	F12	F12					F12	F12	F12	F12	F12			
2/18/2016	XX	LFUD8X88C	F12	F12	F12					F12	F12	F12	F12	F12			
3/17/2016	XX	LFUD8X894	F6	F6	F6					F6	F6	F6	F6	F6			
4/5/2016	XX	LFUD8X87D	F6	F6	F6					F6	F6	F6	F6	F6			
4/21/2016	XX	LFUD8X89G	F12	F12	F12					F12	F12	F12	F12	F12			
5/26/2016	XX	LFUD8X8D2	F12	F12	F12					F12	F12	F12	F12	F12			
6/27/2016	XX	LFUD8X8E6	F6	F6	F6					F6	F6	F6	F6	F6			
7/20/2016	XX	LFUD8X8FA	F6	F6	F6					F6	F6	F6	F6	F6			
7/26/2016	XX	LFUD8X8C3	F6	F6	F6					F6	F6	F6	F6	F6			
8/29/2016	XX	LFUD8X91C	F6	F6	F6					F6	F6	F6	F6	F6			
9/23/2016	XX	LFUD8X940	F6	F6	F6					F6	F6	F6	F6	F6			
10/25/2016	XX	LFUD8X901	D	D	D					D	D	D	D	D			
10/31/2016	XX	LFUD8X94E	H8	H8	H8					H8	H8	H8	H8	H8			
11/29/2016	XX	LFUD8X959	F6	F6	F6					F6	F6	F6	F6	F6			
12/13/2016	XX	LFUD8X962	F6	F6	F6					F6	F6	F6	F6	F6			
1/10/2017	XX	LFUD8X9A1	A	A	A					A	A	A	A	A			
2/8/2017	XX	LFUD8X9AE	A	A	A					A	A	A	A	A			
3/3/2017	XX	LFUD8X9B9	A	A	A					A	A	A	A	A			
4/5/2017	XX	LFUD8X998	A	A	A					A	A	A	A	A			
4/18/2017	XX	LFUD8X988	65	7.4	9.5					315	9.3		1.2	0.0006			
5/25/2017	XX	LFUD8X9C0	F12	F12	F12					F12	F12	F12	F12	F12			
6/16/2017	XX	LFUD8X9F1	F6	F6	F6					F6	F6	F6	F6	F6			
7/25/2017	XX	LFUD8X9E5	D	D	D					D	D	D	D	D			
7/31/2017	XX	LFUD8X9FE	F6	F6	F6					F6	F6	F6	F6	F6			
8/31/2017	XX	LFUD8X9J4	F6	F6	F6					F6	F6	F6	F6	F6			
9/28/2017	XX	LFUD8X9JG	F6	F6	F6					F6	F6	F6	F6	F6			
10/25/2017	XX	LFUD8X9I0	F6	F6	F6					F6	F6	F6	F6	F6			

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(LF-UD-8)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate		
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs		
10/26/2017	XX	LFUD8XA08	F6	F6	F6					F6	F6	F6	F6	F6		
11/30/2017	XX	LFUD8XA10	F6	F6	F6					F6	F6	F6	F6	F6		
12/27/2017	XX	LFUD8XA1D	F	F	F					F	F	F	F	F		
1/19/2018	XX	LFUD8XA4J	F6	F6	F6					F6	F6	F6	F6	F6		
2/22/2018	XX	LFUD8XA5C	F6	F6	F6					F6	F6	F6	F6	F6		
3/24/2018	XX	LFUD8XA98	F12	F12	F12					F12	F12	F12	F12	F12		
4/3/2018	XX	LFUD8XA40	90	8.5	2.8					482	6.8		2.6	0.00223		
4/28/2018	XX	LFUD8XAA1	F12	F12	F12					F12	F12	F12	F12	F12		
5/11/2018	XX	LFUD8XAAE	F12	F12	F12					F12	F12	F12	F12	F12		
6/2/2018	XX	LFUD8XADI	F12	F12	F12					F12	F12	F12	F12	F12		
7/2/2018	XX	LFUD8XAI1	F12	F12	F12					F12	F12	F12	F12	F12		
7/17/2018	XX	LFUD8XAD0	D	D	D					D	D	D	D	D		
8/17/2018	XX	LFUD8XAJD	F6	F6	F6					F6	F6	F6	F6	F6		
9/1/2018	XX	LFUD8XB2J	F6	F6	F6					F6	F6	F6	F6	F6		
10/2/2018	XX	LFUD8XB11	F6	F6	F6					F6	F6	F6	F6	F6		
10/13/2018	XX	LFUD8XB3D	F6	F6	F6					F6	F6	F6	F6	F6		
11/2/2018	XX	LFUD8XB47	F6	F6	F6					F6	F6	F6	F6	F6		
12/7/2018	XX	LFUD8XB86	F6	F6	F6					F6	F6	F6	F6			
1/3/2019	XX	LFUD8XB90	F6	F6	F6					F6	F6	F6	F6			
2/2/2019	XX	LFUD8XB9E	F6	F6	F6					F6	F6	F6	F6			
3/2/2019	XX	LFUD8XBA8	F6	F6	F6					F6	F6	F6	F6			
4/5/2019	XX	LFUD8XBB2	F6	F6	F6					F6	F6	F6	F6	F6		
4/23/2019	XX	LFUD8XB6G	88	6.8	7.9					347	9.3		1.2	0.0022		
5/10/2019	XX	LFUD8XBEE	F6	F6	F6					F6	F6	F6	F6	F6		
6/24/2019	XX	LFUD8XBF8	F12	F12	F12					F12	F12		F12	F12		
7/16/2019	XX	LFUD8XBD7	71	8.3	26.9					305	6		2.1			
7/30/2019	XX	LFUD8XBG2	F6	F6	F6					F6	F6		F6			
8/20/2019	XX	LFUD8XBGG	H6	H6	H6					H6	H6		H6			
9/20/2019	XX	LFUD8XC09	F6	F6	F6					F6	F6		F6	F6		
10/14/2019	XX	LFUD8XC13	F6	F6	F6					F6	F6		F6	F6		
10/29/2019	XX	LFUD8XBIJ	105	8	10					250	10.9		2.1	0.0011		
11/27/2019	XX	LFUD8XC1H	F	F	F					F	F		F	F		
12/23/2019	XX	LFUD8XC37	F	F	F					F	F		F	F		
1/17/2020	XX	LFUD8XC42	F	F	F					F	F		F	F		
2/4/2020	XX	LFUD8XC4H	F6	F6	F6					F6	F6		F6	F6		
3/27/2020	XX	LFUD8XCFD	F6	F6	F6					F6	F6		F6	F6		
4/28/2020	XX	LFUD8XCE7	F6	F6	F6					F6	F6		F6	F6		
4/29/2020	XX	LFUD8XCG7	F6	F6	F6					F6	F6		F6	F6		
5/27/2020	XX	LFUD8XD06	F6	F6	F6					F6	F6		F6	F6		
6/28/2020	XX	LFUD8XD10	F6	F6	F6					F6	F6		F6	F6		
7/11/2020	XX	LFUD8XD1E	F6	F6	F6					F6	F6		F6	F6		
7/21/2020	XX	LFUD8XCJ0	F6	F6	F6					F6	F6		F6	F6		
8/3/2020	XX	LFUD8XD5C	F6	F6	F6					F6	F6		F6	F6		
9/27/2020	XX	LFUD8XD68	F6	F6	F6					F6	F6		F6	F6		
10/27/2020	XX	LFUD8XD43	D	D	D					D	D		D	D		
10/31/2020	XX	LFUD8XD72	F6	F6	F6					F6	F6		F6	F6		
11/29/2020	XX	LFUD8XD7G	F6	F6	F6					F6	F6		F6	F6		
12/13/2020	XX	LFUD8XD8A	F6	F6	F6					F6	F6		F6	F6		
1/10/2021	XX	LFUD8XDF4	A	A	A					A	A	A	A	A		
2/28/2021	XX	LFUD8XDEA	A	A	A					A	A	A	A	A		

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CUMBERLAND CENTER, ME 04021

(LF-UD-8)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
3/30/2021	XX	LFUD8XDG2	F6	F6	F6					F6	F6	F6	F6	F6
4/6/2021	XX	LFUD8XDD6	F6	F6	F6					F6	F6	F6	F6	F6
4/29/2021	XX	LFUD8XDHI	F6	F6	F6					F6	F6	F6	F6	F6
5/19/2021	XX	LFUD8XDIC	F6	F6	F6					F6	F6	F6	F6	F6
6/2/2021	XX	LFUD8XE33	F6	F6	F6					F6	F6	F6	F6	F6
7/13/2021	XX	LFUD8XE0I	F6	F6	F6					F6	F6	F6	F6	F6
7/16/2021	XX	LFUD8XE3J	F6	F6	F6					F6	F6	F6	F6	F6
8/3/2021	XX	LFUD8XEG1	F6	F6	F6					F6	F6	F6	F6	F6
9/18/2021	XX	LFUD8XEE3	F6	F6	F6					F6	F6	F6	F6	F6
10/5/2021	XX	LFUD8XE74	F6	F6	F6					F6	F6	F6	F6	F6
10/16/2021	XX	LFUD8XEF2	F6	F6	F6					F6	F6	F6	F6	F6
11/20/2021	XX	LFUD8XEI0	F6	F6	F6					F6	F6	F6	F6	F6
12/18/2021	XX	LFUD8XEJ2	F6	F6	F6					F6	F6	F6	F6	F6
1/16/2022	XX	LFUD8XF4I	F6	F6	F6					F6	F6	F6	F6	F6
2/20/2022	XX	LFUD8XF5I	F6	F6	F6					F6	F6	F6	F6	F6
3/20/2022	XX	LFUD8XF6I	F6	F6	F6					F6	F6	F6	F6	F6
4/15/2022	XX	LFUD8XFC9	F6	F6	F6					F6	F6	F6	F6	F6
4/26/2022	XX	LFUD8XF1G	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2022	XX	LFUD8XFD9	F6	F6	F6					F6	F6	F6	F6	F6
6/7/2022	XX	LFUD8XFEJ	H8	H8	H8					H8	H8	H8	H8	H8
7/19/2022	XX	LFUD8XF9G	D	D	D					D	D	D	D	D
7/21/2022	XX	LFUD8XFFJ	F6	F6	F6					F6	F6	F6	F6	F6
8/8/2022	XX	LFUD8XG38	F6	F6	F6					F6	F6	F6	F6	F6
9/2/2022	XX	LFUD8XG60	F6	F6	F6					F6	F6	F6	F6	F6
10/4/2022	XX	LFUD8XFJF	D	D	D					D	D	D	D	F6
10/6/2022	XX	LFUD8XG92	F6	F6	F6					F6	F6	F6	F6	F6
11/4/2022	XX	LFUD8XGAD	F6	F6	F6					F6	F6	F6	F6	F6
12/5/2022	XX	LFUD8XGCI	F6	F6	F6					F6	F6	F6	F6	F6
LF-UD-9														
4/5/2016	XX	LFUD9X881	F6	F6	F6					F6	F6	F6	F6	F6
7/26/2016	XX	LFUD9X8CA	F12	F12	F12					F12	F12	F6	F12	F12
10/25/2016	XX	LFUD9X905	F6	F6	F6					F6	F6	F6	F6	F6
10/31/2016	XX	LFUD9X94G	H8	H8	H8					H8	H8	H8	H8	H8
11/29/2016	XX	LFUD9X95B	F6	F6	F6					F6	F6	F6	F6	F6
12/13/2016	XX	LFUD9X964	F6	F6	F6					F6	F6	F6	F6	F6
1/10/2017	XX	LFUD9X9A3	F6	F6	F6					F6	F6	F6	F6	F6
2/8/2017	XX	LFUD9X9AG	F6	F6	F6					F6	F6	F6	F6	F6
3/3/2017	XX	LFUD9X9B9	F6	F6	F6					F6	F6	F6	F6	F6
4/5/2017	XX	LFUD9X99A	F6	F6	F6					F6	F6	F6	F6	F6
4/18/2017	XX	LFUD9X98F	292	7.6	7.1					375	10.8	F6	1.2	0.0011
5/25/2017	XX	LFUD9X9C2	F6	F6	F6					F6	F6	F6	F6	F6
6/16/2017	XX	LFUD9X9F3	DE	DE	DE					DE	DE	DE	DE	DE
10/25/2017	XX	LFUD9X9I4	F6	F6	F6					F6	F6	F6	F6	F6
1/19/2018	XX	LFUD9XA4H	F6	F6	F6					F6	F6	F6	F6	F6
2/22/2018	XX	LFUD9XA5A	F6	F6	F6					F6	F6	F6	F6	F6
3/24/2018	XX	LFUD9XA96	176	7.3	8					458	9	50 U	44.8	0.00334
4/3/2018	XX	LFUD9XA47	F6	F6	F6					F6	F6	F6	F6	F6
4/28/2018	XX	LFUD9XA9J	F6	F6	F6					F6	F6	F6	F6	F6
5/11/2018	XX	LFUD9XAAC	F6	F6	F6					F6	F6	F6	F6	F6

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(LF-UD-9)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate		
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cf/s		
6/2/2018	XX	LFUD9XADG	F6	F6	F6					F6	F6	F6	F6	F6		
7/2/2018	XX	LFUD9XAIG	F6	F6	F6					F6	F6	F6	F6	F6		
7/17/2018	XX	LFUD9XAD4	D	D	D					D	D	D	D	D		
8/17/2018	XX	LFUD9XAJB	F6	F6	F6					F6	F6	F6	F6	F6		
9/1/2018	XX	LFUD9XB2H	F6	F6	F6					F6	F6	F6	F6	F6		
10/2/2018	XX	LFUD9XB22	F6	F6	F6					F6	F6	F6	F6	F6		
10/13/2018	XX	LFUD9XB3B	F6	F6	F6					F6	F6	F6	F6	F6		
11/2/2018	XX	LFUD9XB45	135	7.3	10.7					379	7	25	49.6	0.0045		
12/7/2018	XX	LFUD9XB84	F6	F6	F6					F6	F6	F6	F6			
1/3/2019	XX	LFUD9XB8I	F6	F6	F6					F6	F6	F6	F6			
2/2/2019	XX	LFUD9XB9C	F6	F6	F6					F6	F6	F6	F6			
3/2/2019	XX	LFUD9XBA6	F6	F6	F6					F6	F6	F6	F6			
4/5/2019	XX	LFUD9XBB0	F6	F6	F6					F6	F6	F6	F6			
4/23/2019	XX	LFUD9XB73	F6	F6	F6					F6	F6	F6	F6	F6		
5/10/2019	XX	LFUD9XBEC	201	6.6	15.1					278	7	30	9.6	0.0004		
6/24/2019	XX	LFUD9XBF6	F6	F6	F6					F6	F6	F6	F6	F6		
7/16/2019	XX	LFUD9XBDD	F6	F6	F6					F6	F6	F6	F6	F6		
7/30/2019	XX	LFUD9XBG0	F6	F6	F6					F6	F6	F6	F6	F6		
8/20/2019	XX	LFUD9XBGE	F6	F6	F6					F6	F6	F6	F6	F6		
9/20/2019	XX	LFUD9XC07	F6	F6	F6					F6	F6	F6	F6	F6		
10/14/2019	XX	LFUD9XC11	F6	F6	F6					F6	F6	F6	F6	F6		
10/29/2019	XX	LFUD9XBJ3	F6	F6	F6					F6	F6	F6	F6	F6		
11/27/2019	XX	LFUD9XC1F	F6	F6	F6					F6	F6	F6	F6	F6		
12/23/2019	XX	LFUD9XC35	F6	F6	F6					F6	F6	F6	F6	F6		
1/17/2020	XX	LFUD9XC40	F6	F6	F6					F6	F6	F6	F6	F6		
2/4/2020	XX	LFUD9XC4F	F6	F6	F6					F6	F6	F6	F6	F6		
3/27/2020	XX	LFUD9XCFB	F6	F6	F6					F6	F6	F6	F6	F6		
4/28/2020	XX	LFUD9XCED	F6	F6	F6					F6	F6	F6	F6	F6		
4/29/2020	XX	LFUD9XCG5	F6	F6	F6					F6	F6	F6	F6	F6		
5/27/2020	XX	LFUD9XD04	F6	F6	F6					F6	F6	F6	F6	F6		
6/28/2020	XX	LFUD9XD0I	F6	F6	F6					F6	F6	F6	F6	F6		
7/11/2020	XX	LFUD9XD1C	F6	F6	F6					F6	F6	F6	F6	F6		
7/21/2020	XX	LFUD9XCJ6	F6	F6	F6					F6	F6	F6	F6	F6		
8/3/2020	XX	LFUD9XD5A	F6	F6	F6					F6	F6	F6	F6	F6		
9/27/2020	XX	LFUD9XD66	F6	F6	F6					F6	F6	F6	F6	F6		
10/27/2020	XX	LFUD9XD47	D	D	D					D	D	D	D	D		
10/31/2020	XX	LFUD9XD70	F6	F6	F6					F6	F6	F6	F6	F6		
11/29/2020	XX	LFUD9XD7E	F6	F6	F6					F6	F6	F6	F6	F6		
12/13/2020	XX	LFUD9XD88	F6	F6	F6					F6	F6	F6	F6	F6		
1/10/2021	XX	LFUD9XDF2	F6	F6	F6					F6	F6	F6	F6	F6		
2/28/2021	XX	LFUD9XDE8	A	A	A					A	A	A	A	A		
3/30/2021	XX	LFUD9XDG0	F6	F6	F6					F6	F6	F6	F6	F6		
4/6/2021	XX	LFUD9XDDA	F6	F6	F6					F6	F6	F6	F6	F6		
4/29/2021	XX	LFUD9XDHG	F6	F6	F6					F6	F6	F6	F6	F6		
5/19/2021	XX	LFUD9XDIA	F6	F6	F6					F6	F6	F6	F6	F6		
6/2/2021	XX	LFUD9XE31	F6	F6	F6					F6	F6	F6	F6	F6		
7/13/2021	XX	LFUD9XE11	F6	F6	F6					F6	F6	F6	F6	F6		
7/16/2021	XX	LFUD9XE3H	F6	F6	F6					F6	F6	F6	F6	F6		
8/3/2021	XX	LFUD9XEFJ	F6	F6	F6					F6	F6	F6	F6	F6		
9/18/2021	XX	LFUD9XEE1	F6	F6	F6					F6	F6	F6	F6	F6		

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 CUMBERLAND CENTER, ME 04021

(LF-UD-9)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/5/2021	XX	LFUD9XE78	F6	F6	F6					F6	F6	F6	F6	F6
10/16/2021	XX	LFUD9XEF0	F6	F6	F6					F6	F6	F6	F6	F6
11/20/2021	XX	LFUD9XEHI	F6	F6	F6					F6	F6	F6	F6	F6
12/18/2021	XX	LFUD9XEJ0	F6	F6	F6					F6	F6	F6	F6	F6
1/16/2022	XX	LFUD9XF4G	F6	F6	F6					F6	F6	F6	F6	F6
2/20/2022	XX	LFUD9XF5G	F6	F6	F6					F6	F6	F6	F6	F6
3/20/2022	XX	LFUD9XF6G	F6	F6	F6					F6	F6	F6	F6	F6
4/15/2022	XX	LFUD9XFC7	F6	F6	F6					F6	F6	F6	F6	F6
4/26/2022	XX	LFUD9XF1J	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2022	XX	LFUD9XFD7	F6	F6	F6					F6	F6	F6	F6	F6
6/7/2022	XX	LFUD9XFEH	F6	F6	F6					F6	F6	F6	F6	F6
7/19/2022	XX	LFUD9XF9J	D	D	D					D	D	D	D	D
7/21/2022	XX	LFUD9XFFH	F6	F6	F6					F6	F6	F6	F6	F6
8/8/2022	XX	LFUD9XG36	F6	F6	F6					F6	F6	F6	F6	F6
9/2/2022	XX	LFUD9XG5I	F6	F6	F6					F6	F6	F6	F6	F6
10/4/2022	XX	LFUD9XFJ1	D	D	D					D	D	D	D	F6
10/6/2022	XX	LFUD9XG90	F6	F6	F6					F6	F6		F6	F6
11/4/2022	XX	LFUD9XGAB	F6	F6	F6					F6	F6		F6	F6
12/5/2022	XX	LFUD9XGCC	F6	F6	F6					F6	F6		F6	F6
LF-UD-10														
10/25/2017	XX	LFXXXX9ID	F6	F6	F6					F6	F6		F6	F6
12/27/2017	XX	LFXXXXA1F	F6	F6	F6					F6	F6		F6	F6
1/19/2018	XX	LFXXXXA51	F6	F6	F6					F6	F6		F6	F6
2/22/2018	XX	LFXXXXA5E	119	6.8	5.1					420	9		12.9	0.00056
3/24/2018	XX	LFXXXXA9A	175	7	8.8					455	8	50 U	43.4	0.00334
4/3/2018	XX	LFXXXXA48	F6	F6	F6					F6	F6		F6	F6
4/28/2018	XX	LFXXXXAA3	F6	F6	F6					F6	F6	F6	F6	F6
5/11/2018	XX	LFXXXXAAG	F6	F6	F6					F6	F6	F6	F6	F6
6/2/2018	XX	LFXXXXAE0	F6	F6	F6					F6	F6		F6	F6
7/2/2018	XX	LFXXXXAJ0	F6	F6	F6					F6	F6		F6	F6
7/17/2018	XX	LFU10XAD6	D	D	D					D	D		D	D
8/17/2018	XX	LFXXXXAJF	F6	F6	F6					F6	F6		F6	F6
9/1/2018	XX	LFXXXXB31	F6	F6	F6					F6	F6		F6	F6
10/3/2018	XX	LFXXXXB27	F6	F6	F6					F6	F6	F6	F6	F6
10/13/2018	XX	LFXXXXB3F	F6	F6	F6					F6	F6		F6	F6
11/2/2018	XX	LFXXXXB49	134	7.3	10.6					387	7	25	49.6	0.0045
12/7/2018	XX	LFXXXXB88	F6	F6	F6					F6	F6	F6	F6	
1/3/2019	XX	LFXXXXB92	F6	F6	F6					F6	F6	F6	F6	
2/2/2019	XX	LFXXXXB9G	F6	F6	F6					F6	F6	F6	F6	
3/2/2019	XX	LFXXXXBAA	F6	F6	F6					F6	F6	F6	F6	
4/5/2019	XX	LFXXXXBB4	F6	F6	F6					F6	F6	F6	F6	
4/23/2019	XX	LFXXXXB74	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2019	XX	LFXXXXBEG	111	7.3	14.9					295	7	0 D3	49.5	0.0178
6/24/2019	XX	LFXXXXBFA	F6	F6	F6					F6	F6	F6	F6	F6
7/16/2019	XX	LFXXXXBDE	F6	F6	F6					F6	F6	F6	F6	F6
7/30/2019	XX	LFXXXXBG4	F6	F6	F6					F6	F6	F6	F6	F6
8/20/2019	XX	LFXXXXBGI	F6	F6	F6					F6	F6	F6	F6	F6
9/20/2019	XX	LFXXXXC0B	F6	F6	F6					F6	F6	F6	F6	F6
10/14/2019	XX	LFXXXXC15	F6	F6	F6					F6	F6	F6	F6	F6

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(LF-UD-10)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/29/2019	XX	LFXXXXBJ7	F6	F6	F6					F6	F6	F6	F6	F6
11/27/2019	XX	LFXXXXC1J	F6	F6	F6					F6	F6	F6	F6	F6
12/23/2019	XX	LFXXXXC39	F6	F6	F6					F6	F6	F6	F6	F6
1/17/2020	XX	LFXXXXC44	F6	F6	F6					F6	F6	F6	F6	F6
2/4/2020	XX	LFXXXXC4J	F6	F6	F6					F6	F6	F6	F6	F6
3/27/2020	XX	LFXXXXCFF	F6	F6	F6					F6	F6	F6	F6	F6
4/28/2020	XX	LFXXXXCEE	F6	F6	F6					F6	F6	F6	F6	F6
4/29/2020	XX	LFXXXXCG9	F6	F6	F6					F6	F6	F6	F6	F6
5/27/2020	XX	LFXXXXD08	F6	F6	F6					F6	F6	F6	F6	F6
6/28/2020	XX	LFXXXXD12	F6	F6	F6					F6	F6	F6	F6	F6
7/11/2020	XX	LFXXXXD1G	F6	F6	F6					F6	F6	F6	F6	F6
7/21/2020	XX	LFXXXXCJ7	F6	F6	F6					F6	F6	F6	F6	F6
8/3/2020	XX	LFXXXXD5E	F6	F6	F6					F6	F6	F6	F6	F6
9/27/2020	XX	LFXXXXD6A	F6	F6	F6					F6	F6	F6	F6	F6
10/27/2020	XX	LFXXXXD4B	F6	F6	F6					F6	F6	F6	F6	F6
10/31/2020	XX	LFXXXXD74	F6	F6	F6					F6	F6	F6	F6	F6
11/29/2020	XX	LFXXXXD7I	F6	F6	F6					F6	F6	F6	F6	F6
12/13/2020	XX	LFXXXXD8C	F6	F6	F6					F6	F6	F6	F6	F6
1/10/2021	XX	LFXXXXDF6	F6	F6	F6					F6	F6	F6	F6	F6
2/28/2021	XX	LFXXXXDEC	A	A	A					A	A	A	A	A
3/30/2021	XX	LFXXXXD64	F6	F6	F6					F6	F6	F6	F6	F6
4/6/2021	XX	LFXXXXDDB	F6	F6	F6					F6	F6	F6	F6	F6
4/29/2021	XX	LFXXXXD10	F6	F6	F6					F6	F6	F6	F6	F6
5/19/2021	XX	LFXXXXDIE	F6	F6	F6					F6	F6	F6	F6	F6
6/2/2021	XX	LFXXXXE35	F6	F6	F6					F6	F6	F6	F6	F6
7/13/2021	XX	LFXXXXE12	F6	F6	F6					F6	F6	F6	F6	F6
7/16/2021	XX	LFXXXXE41	F6	F6	F6					F6	F6	F6	F6	F6
8/3/2021	XX	LFXXXXEG4	F6	F6	F6					F6	F6	F6	F6	F6
9/18/2021	XX	LFXXXXEE5	F6	F6	F6					F6	F6	F6	F6	F6
10/5/2021	XX	LFXXXXE7C	F6	F6	F6					F6	F6	F6	F6	F6
10/16/2021	XX	LFXXXXEF4	F6	F6	F6					F6	F6	F6	F6	F6
11/20/2021	XX	LFXXXXEI2	F6	F6	F6					F6	F6	F6	F6	F6
12/18/2021	XX	LFXXXXEJ4	F6	F6	F6					F6	F6	F6	F6	F6
1/16/2022	XX	LFXXXXF50	F6	F6	F6					F6	F6	F6	F6	F6
2/20/2022	XX	LFXXXXF60	F6	F6	F6					F6	F6	F6	F6	F6
3/20/2022	XX	LFXXXXF70	F6	F6	F6					F6	F6	F6	F6	F6
4/15/2022	XX	LFXXXXFCB	F6	F6	F6					F6	F6	F6	F6	F6
4/26/2022	XX	LFXXXXF23	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2022	XX	LFXXXXFDB	F6	F6	F6					F6	F6	F6	F6	F6
6/7/2022	XX	LFXXXXFF1	F6	F6	F6					F6	F6	F6	F6	F6
7/19/2022	XX	LFXXXXFA0	D	D	D					D	D		D	D
7/21/2022	XX	LFXXXXFG1	F6	F6	F6					F6	F6	F6	F6	F6
8/8/2022	XX	LFXXXXG3A	F6	F6	F6					F6	F6	F6	F6	F6
9/2/2022	XX	LFXXXXG62	F6	F6	F6					F6	F6	F6	F6	F6
10/4/2022	XX	LFXXXXG02	D	D	D					D	D		D	F6
10/6/2022	XX	LFXXXXG94	F6	F6	F6					F6	F6	F6	F6	F6
11/4/2022	XX	LFXXXXGAF	F6	F6	F6					F6	F6	F6	F6	F6
12/5/2022	XX	LFXXXXGD0	F6	F6	F6					F6	F6	F6	F6	F6

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(LP-COMP)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
3/28/2015	XX	LPCMPX7AH	320	7.1	11.4					387	4.5	135	1.78	
4/16/2015	XX	LPCMPX7BA	261	7.5	17.6					370	8	125	1.74	
7/23/2015	XX	LPCMPX7G7	326	7.2	20.2					350	9	155	0.4	
8/24/2015	XX	LPCMPX7GJ	317	7	20.2					361	6	160	0.2	
10/31/2015	XX	LPCMPX814	284	7.4	13.8					353	8	130	0.5	
11/27/2015	XX	LPCMPX81G	312	7	15					377	8	170	0.8	
12/2/2015	XX	LPCOMX62D	271	7.3	20.4					331	8	160	0.4	
12/30/2015	XX	LPCMPX829	306	7.2	8.8					361	10	160	0.9	
1/14/2016	XX	LPCMPX831	307	6.4	6.2					327	8	150	0.5	
2/18/2016	XX	LPCMPX88D	285	7.2	11.2					346	8	145	1	
3/17/2016	XX	LPCMPX895	305	7	11.3					331	10	155	0.4	
4/21/2016	XX	LPCMPX89H	302	7.1	11.9					335	9	120	1.3	
5/26/2016	XX	LPCMPX8D3	313	7	16.6					285	7	160	0.3	
6/27/2016	XX	LPCMPX8E7	333	6.6	17.9					520	7	165	0.8	
7/20/2016	XX	LPCMPX8FB	328	6.7	20.3					362	7	155	0.3	
8/29/2016	XX	LPCMPX91D	261	6.44	21.2					346	7	125	0.5	
9/23/2016	XX	LPCMPX941	265	6.63	18					313	7	130	0.3	
10/31/2016	XX	LPCMPX94F	250	6.84	15.1					347	4	75	0.3	
11/29/2016	XX	LPCMPX95A	269	7.25	7.5					378	6	110	0.6	
12/13/2016	XX	LPCMPX963	143	7.5	5.8					362	9	115	0.2	
1/10/2017	XX	LPCMPX9A2	122	7.05	13.6					364	7	110	0.4	
2/8/2017	XX	LPCMPX9AF	123	6.95	10.5					377	5	95	0.7	
3/3/2017	XX	LPCMPX9B8	92	6.91	15.1					370	6	75	2	
4/5/2017	XX	LPCMPX999	115	6.88	18.4					362	6	95	0.4	
5/25/2017	XX	LPCMPX9C1	205	6.6	13.8					359	3	90	0.6	
6/16/2017	XX	LPCMPX9F2	235	6.9	14					346	7	115	0.6	
7/31/2017	XX	LPCMPX9FF	333	7.1	21.2					330	7	180	0.6	
8/31/2017	XX	LPCMPX9J5	325	6.8	19.1					346	7	180	0.2	
9/28/2017	XX	LPCMPX9JH	324	7.3	18.3					330	7	125	0.3	
10/26/2017	XX	LPCMPXA09	317	6.8	17.1					415	7	165	1.7	
11/30/2017	XX	LPCMPXA11	311	7.3	12					367	6	165	0.7	
12/27/2017	XX	LPCMPXA1E	304	6.2	11.4					376	7	140	1	
1/19/2018	XX	LPCMPXA50	306	7	6.9					389	8	150	0.2	
2/22/2018	XX	LPCMPXA5D	297	7.5	7					386	9	110	1.3	
3/24/2018	XX	LPCMPXA99	310	6.5	9.1					396	9	120	2.1	
4/28/2018	XX	LPCMPXAA2	257	7.2	14.6					415	10	125	0.5	
5/11/2018	XX	LPCMPXAAF	294	6.9	10.8					415	9	110	2	
6/2/2018	XX	LPCMPXADJ	472	6.7	13.8					373	7	120	0.4	
7/2/2018	XX	LPCMPXAIJ	332	7.2	19.1					359	8	130	0.6	
8/17/2018	XX	LPCMPXAJE	335	6.7	21.3					324	8	130	3.2	
9/1/2018	XX	LPCMPXB30	320	6.7	18.7					369	7	130	0.9	
10/13/2018	XX	LPCMPXB3E	313	6	15.3					363	6	130	1.2	
11/2/2018	XX	LPCMPXB48	269	6.6	12.1					354	8	110	2.2	
12/7/2018	XX	LPCMPXB87	235	6.1	8.2					359	8	125	2.5	
1/3/2019	XX	LPCMPXB91	310	6.8	5.2					375	7	125	4.7	
2/2/2019	XX	LPCMPXB9F	429	7.7	3.4					378	7	130	7.4	
3/2/2019	XX	LPCMPXBA9	289	6.4	6					356	6	130	2.1	
4/5/2019	XX	LPCMPXBB3	260	8.1	13.1					363	7	130	0.9	
5/10/2019	XX	LPCMPXBEF	248	6.8	13.8					327	6	130	0.9	
6/24/2019	XX	LPCMPXBF9	270	7.2	15.1					366	8	125	0.5	

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(LP-COMP)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/30/2019	XX	LPCMPXBG3	280	7.1	20					354	8	150	0.4	
8/20/2019	XX	LPCMPXBGH	273	7.4	25.1					352	8	140	0.2	
9/20/2019	XX	LPCMPXC0A	294	7.2	21.7					361	6	125	0.2	
10/14/2019	XX	LPCMPXC14	267	7.3	18.5					347	10	140	0.3	
11/27/2019	XX	LPCMPXC11	245	7.5	21					389	8	145	1.6	
12/23/2019	XX	LPCMPXC38	285	7.3	9.3					378		125	0.6	
1/17/2020	XX	LPCMPXC43	247	7.2	7.8					415	10	135	1.8	
2/4/2020	XX	LPCMPXC4I	256	7.2	10.2					361	10	100	1.1	
3/27/2020	XX	LPCMPXCFE	225	7.3	10.7					418	6	135	0.5	
4/29/2020	XX	LPCMPXCG8	268	7.2	14.8					352	8	140	1.6	
5/27/2020	XX	LPCMPXD07	238	7.1	21.3					348	6	150	0.3	
6/28/2020	XX	LPCMPXD11	275	7	22.4					322	6	150	1.8	
7/11/2020	XX	LPCMPXD1F	293	6.9	22.2					352	5	175	0.2	
8/3/2020	XX	LPCMPXD5D	303	7	22.4					360	6	160	0.1	
9/27/2020	XX	LPCMPXD69	285	7.2	18					416	5	175	0.1	
10/31/2020	XX	LPCMPXD73	288	7.4	14.5					403	8	150	1.2	
11/29/2020	XX	LPCMPXD7H	286	7.3	14.9					426	6	150	0.8	
12/13/2020	XX	LPCMPXD8B	274	7.1	11.9					385	6	135	2.7	
1/10/2021	XX	LPCMPXDF5	289	7.4	15.7					390	6	150	0.8	
2/28/2021	XX	LPCMPXDEB	267	7.4	11.9					350	8	150	1.4	
3/30/2021	XX	LPCMPXDG3	261	7.3	14.9					402	8	130	6.5	
4/29/2021	XX	LPCMPXDHJ	314	7.3	15					373	8	150	0.9	
5/19/2021	XX	LPCMPXDID	314	7.5	21.2					394	7	145	1.3	
6/2/2021	XX	LPCMPXE34	262	7.2	19.6					344	6	150	0.8	
7/16/2021	XX	LPCMPXE40	333	6.9	23.8					386	9	160	0.8	
8/3/2021	XX	LPCMPXEG3	306	7	23.4					409	8	160	2.5	
9/18/2021	XX	LPCMPXEE4	365	6.7	19.9					366	7	150	21.3	
10/16/2021	XX	LPCMPXEF3	253	7	17.6					352	5	160	8.1	
11/20/2021	XX	LPCMPXE11	362	7.8	13.9					328	6	175	5.8	
12/18/2021	XX	LPCMPXEJ3	277	7.2	13.5					341	6	150	15.2	
1/16/2022	XX	LPCMPXF4J	254	7	15.4					337	8	110	4.8	
2/20/2022	XX	LPCMPXF5J	245	6.8	11.3					335	6	130	5.6	
3/20/2022	XX	LPCMPXF6J	288	7	10.9					346	8	150	2.8	
4/15/2022	XX	LPCMPXFCA	292	7	19.4					304	8	140	4.8	
5/10/2022	XX	LPCMPXFDA	294	7.3	19.8					342	8	150	42.7	
6/7/2022	XX	LPCMPXFF0	328	2.2	21.1					329	6	175	1.2	
7/21/2022	XX	LPCMPXFG0	332	7.2	22.2					325	5	175	1.2	
8/8/2022	XX	LPCMPXG39	F6	F6	F6					F6	F6	F6	F6	
9/2/2022	XX	LPCMPXG61	336	7	18					365	5	150	5.9	
10/6/2022	XX	LPCMPXG93	308	7.1	13.8					299	6	150	1.2	
11/4/2022	XX	LPCMPXGAE	314	6.7	10.2					332	6	150	2.8	
12/5/2022	XX	LPCMPXGCJ	320	6.7	9.2					326	6	175	2.3	
LP-UD-1														
1/30/2013	XX	LPUD1X608	F6	F6	F6					F6	F6	F6	F6	
2/15/2013	XX	LPUD1X5JG	F6	F6	F6					F6	F6	F6	F6	
3/28/2013	XX	LPUD1X611	F6	F6	F6					F6	F6	F6	F6	
4/23/2013	XX	LPUD1X5I8	F6	F6	F6					F6	F6	F6	F6	
4/24/2013	XX	LPUD1X61D	F6	F6	F6					F6	F6	F6	F6	
5/30/2013	XX	LPUD1X625	F6	F6	F6					F6	F6	F6	F6	

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

(LP-UD-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
6/26/2013	XX	LPUD1X62H	F6	F6	F6					F6	F6	F6	F6	
7/30/2013	XX	LPUD1X64D	F6	F6	F6					F6	F6	F6	F6	
8/20/2013	XX	LPUD1X697	F6	F6	F6					F6	F6	F6	F6	
9/26/2013	XX	LPUD1X68F	F6	F6	F6					F6	F6	F6	F6	
10/29/2013	XX	LPUD1X676	F6	F6	F6					F6	F6	F6	F6	
11/25/2013	XX	LPUD1X6A0	F6	F6	F6					F6	F6	F6	F6	
12/17/2013	XX	LPUD1X6D0	F6	F6	F6					F6	F6	F6	F6	
1/24/2014	XX	LPUD1X6DC	F6	F6	F6					F6	F6	F6	F6	
2/24/2014	XX	LPUD1X6H9	F6	F6	F6					F6	F6	F6	F6	
3/27/2014	XX	LPUD1X6GH	F6	F6	F6					F6	F6	F6	F6	
4/22/2014	XX	LPUD1X6F9	F6	F6	F6					F6	F6	F6	F6	
4/29/2014	XX	LPUD1X6I1	F6	F6	F6					F6	F6	F6	F6	
5/23/2014	XX	LPUD1X710	F6	F6	F6					F6	F6	F6	F6	
6/24/2014	XX	LPUD1X71C	F6	F6	F6					F6	F6	F6	F6	
7/29/2014	XX	LPUD1X6JG	F6	F6	F6					F6	F6	F6	F6	
8/26/2014	XX	LPUD1X74C	F6	F6	F6					F6	F6	F6	F6	
9/23/2014	XX	LPUD1X753	F6	F6	F6					F6	F6	F6	F6	
10/21/2014	XX	LPUD1X737	F6	F6	F6					F6	F6	F6	F6	
11/28/2014	XX	LPUD1X75F	F6	F6	F6					F6	F6	F6	F6	
12/24/2014	XX	LPUD1X768	F12	F12	F12					F12	F12	F12	F12	
2/3/2015	XX	LPUD1X76J	F12	F12	F12					F12	F12	F12	F12	
2/21/2015	XX	LPUD1X77A	F6	F6	F6					F6	F6	F6	F6	
3/28/2015	XX	LPUD1X7A8	H9	H9	H9					H9	H9	H9	H9	
4/16/2015	XX	LPUD1X7B1	H9	H9	H9					H9	H9	H9	H9	
4/28/2015	XX	LPUD1X794	F6	F6	F6					F6	F6	F6	F6	
5/22/2015	XX	LPUD1X7F6	F6	F6	F6					F6	F6	F6	F6	
6/22/2015	XX	LPUD1X7EE	F6	F6	F6					F6	F6	F6	F6	
7/14/2015	XX	LPUD1X7CG	F6	F6	F6					F6	F6	F6	F6	
7/23/2015	XX	LPUD1X7F1	H9	H9	H9					H9	H9	H9	H9	
8/24/2015	XX	LPUD1X7GA	H9	H9	H9					H9	H9	H9	H9	
9/26/2015	XX	LPUD1X803	F6	F6	F6					F6	F6	F6	F6	
10/26/2015	XX	LPUD1X7I5	F6	F6	F6					F6	F6	F6	F6	
10/31/2015	XX	LPUD1X80F	H9	H9	H9					H9	H9	H9	H9	H9
11/27/2015	XX	LPUD1X817	H9	H9	H9					H9	H9	H9	H9	H9
12/30/2015	XX	LPUD1X820	H9	H9	H9					H9	H9	H9	H9	H9
1/14/2016	XX	LPUD1X82C	H9	H9	H9					H9	H9	H9	H9	H9
2/18/2016	XX	LPUD1X884	H9	H9	H9					H9	H9	H9	H9	H9
3/17/2016	XX	LPUD1X88G	H9	H9	H9					H9	H9	H9	H9	H9
4/5/2016	XX	LPUD1X86F	F6	F6	F6					F6	F6	F6	F6	F6
4/21/2016	XX	LPUD1X898	H9	H9	H9					H9	H9	H9	H9	H9
5/26/2016	XX	LPUD1X8CE	H9	H9	H9					H9	H9	H9	H9	H9
6/27/2016	XX	LPUD1X8DI	H9	H9	H9					H9	H9	H9	H9	H9
7/20/2016	XX	LPUD1X8F2	F6	F6	F6					F6	F6	F6	F6	F6
7/26/2016	XX	LPUD1X8B5	F6	F6	F6					F6	F6	F6	F6	F6
8/29/2016	XX	LPUD1X90D	F6	F6	F6					F6	F6	F6	F6	F6
9/23/2016	XX	LPUD1X93C	F12	F12	F12					F12	F12	F12	F12	F12
10/25/2016	XX	LPUD1X8J4	F6	F6	F6					F6	F6	F6	F6	F6
10/31/2016	XX	LPUD1X946	H9	H9	H9					H9	H9	H9	H9	H9
11/29/2016	XX	LPUD1X951	H9	H9	H9					H9	H9	H9	H9	H9
12/13/2016	XX	LPUD1X95E	H9	H9	H9					H9	H9	H9	H9	H9

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Field Parameters

(LP-UD-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
1/10/2017	XX	LPUD1X99D	H9	H9	H9					H9	H9	H9	H9	H9			
2/8/2017	XX	LPUD1X9A6	H9	H9	H9					H9	H9	H9	H9	H9			
3/3/2017	XX	LPUD1X9AJ	H9	H9	H9					H9	H9	H9	H9	H9			
4/5/2017	XX	LPUD1X990	H9	H9	H9					H9	H9	H9	H9	H9			
4/18/2017	XX	LPUD1X97A	F6	F6	F6					F6	F6	F6	F6	F6			
5/25/2017	XX	LPUD1X9BC	H9	H9	H9					H9	H9	H9	H9	H9			
6/16/2017	XX	LPUD1X9ED	H9	H9	H9					H9	H9	H9	H9	H9			
7/25/2017	XX	LPUD1X9D8	F6	F6	F6					F6	F6	F6	F6	F6			
7/31/2017	XX	LPUD1X9F6	H9	H9	H9					H9	H9	H9	H9	H9			
8/31/2017	XX	LPUD1X9IG	H9	H9	H9					H9	H9	H9	H9	H9			
9/28/2017	XX	LPUD1X9J8	H9	H9	H9					H9	H9	H9	H9	H9			
10/25/2017	XX	LPUD1X9H3	F6	F6	F6					F6	F6	F6	F6	F6			
10/26/2017	XX	LPUD1XA00	H9	H9	H9					H9	H9	H9	H9	H9			
11/30/2017	XX	LPUD1XA0C	H9	H9	H9					H9	H9	H9	H9	H9			
12/27/2017	XX	LPUD1XA15	H9	H9	H9					H9	H9	H9	H9	H9			
1/19/2018	XX	LPUD1XA4B	H9	H9	H9					H9	H9	H9	H9	H9			
2/22/2018	XX	LPUD1XA54	H9	H9	H9					H9	H9	H9	H9	H9			
3/24/2018	XX	LPUD1XA90	H9	H9	H9					H9	H9	H9	H9	H9			
4/3/2018	XX	LPUD1XA32	F6	F6	F6					F6	F6	F6	F6	F6			
4/28/2018	XX	LPUD1XA9D	H9	H9	H9					H9	H9	H9	H9	H9			
5/11/2018	XX	LPUD1XAA6	H9	H9	H9					H9	H9	H9	H9	H9			
6/2/2018	XX	LPUD1XADA	H9	H9	H9					H9	H9	H9	H9	H9			
7/2/2018	XX	LPUD1XAIA	H9	H9	H9					H9	H9	H9	H9	H9			
7/17/2018	XX	LPUD1XAC3	F6	F6	F6					F6	F6	F6	F6	F6			
8/17/2018	XX	LPUD1XAJ5	H9	H9	H9					H9	H9	H9	H9	H9			
9/1/2018	XX	LPUD1XB2B	H9	H9	H9					H9	H9	H9	H9	H9			
10/2/2018	XX	LPUD1XB11	F6	F6	F6					F6	F6	F6	F6	F6			
10/13/2018	XX	LPUD1XB35	H9	H9	H9					H9	H9	H9	H9	H9			
11/2/2018	XX	LPUD1XB3J	H9	H9	H9					H9	H9	H9	H9	H9			
12/7/2018	XX	LPUD1XB7I	H9	H9	H9					H9	H9	H9	H9	H9			
1/3/2019	XX	LPUD1XB8C	H9	H9	H9					H9	H9	H9	H9	H9			
2/2/2019	XX	LPUD1XB96	H9	H9	H9					H9	H9	H9	H9	H9			
3/2/2019	XX	LPUD1XBA0	H9	H9	H9					H9	H9	H9	H9	H9			
4/5/2019	XX	LPUD1XBAE	H9	H9	H9					H9	H9	H9	H9	H9			
4/23/2019	XX	LPUD1XB5I	241	7.1	6.2					370	2.5		0.4	0.0011			
5/10/2019	XX	LPUD1XBE6	H9	H9	H9					H9	H9	H9	H9	H9			
6/24/2019	XX	LPUD1XBF0	H9	H9	H9					H9	H9	H9	H9	H9			
7/16/2019	XX	LPUD1XBCA	F6	F6	F6					F6	F6	F6	F6	F6			
7/30/2019	XX	LPUD1XBFE	H9	H9	H9					H9	H9	H9	H9	H9			
8/20/2019	XX	LPUD1XBG8	H9	H9	H9					H9	H9	H9	H9	H9			
9/20/2019	XX	LPUD1XC0I	H9	H9	H9					H9	H9	H9	H9	H9			
10/14/2019	XX	LPUD1XC0F	H9	H9	H9					H9	H9	H9	H9	H9			
10/29/2019	XX	LPUD1XB13	F6	F6	F6					F6	F6	F6	F6	F6			
11/27/2019	XX	LPUD1XC19	H9	H9	H9					H9	H9	H9	H9	H9			
12/23/2019	XX	LPUD1XC2J	H9	H9	H9					H9	H9	H9	H9	H9			
1/17/2020	XX	LPUD1XC3E	H9	H9	H9					H9	H9	H9	H9	H9			
2/4/2020	XX	LPUD1XC49	H9	H9	H9					H9	H9	H9	H9	H9			
3/27/2020	XX	LPUD1XCF6	H9	H9	H9					H9	H9	H9	H9	H9			
4/28/2020	XX	LPUD1XCDA	F6	F6	F6					F6	F6	F6	F6	F6			
4/29/2020	XX	LPUD1XCG0	H9	H9	H9					H9	H9	H9	H9	H9			

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(LP-UD-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
5/27/2020	XX	LPUD1XCJJ	H9	H9	H9					H9	H9		H9	H9
6/28/2020	XX	LPUD1XD0D	H9	H9	H9					H9	H9		H9	H9
7/11/2020	XX	LPUD1XD17	H9	H9	H9					H9	H9		H9	H9
7/22/2020	XX	LPUD1XC13	F6	F6	F6					F6	F6		F6	F6
8/3/2020	XX	LPUD1XD55	H9	H9	H9					H9	H9		H9	H9
9/27/2020	XX	LPUD1XD61	H9	H9	H9					H9	H9		H9	H9
10/27/2020	XX	LPUD1XD37	F6	F6	F6					F6	F6		F6	F6
10/31/2020	XX	LPUD1XD6F	H9	H9	H9					H9	H9		H9	H9
12/13/2020	XX	LPUD1XD83	H9	H9	H9					H9	H9		H9	H9
1/10/2021	XX	LPUD1XDEH	H9	H9	H9					H9	H9	H9	H9	H9
2/28/2021	XX	LPUD1XDE3	H9	H9	H9					H9	H9	H9	H9	H9
3/30/2021	XX	LPUD1XDFF	H9	H9	H9					H9	H9	H9	H9	H9
4/6/2021	XX	LPUD1XDC9	F6	F6	F6					F6	F6	F6	F6	F6
4/29/2021	XX	LPUD1XDHB	H9	H9	H9					H9	H9	H9	H9	H9
5/19/2021	XX	LPUD1XD15	H9	H9	H9					H9	H9	H9	H9	H9
6/2/2021	XX	LPUD1XE2G	H9	H9	H9					H9	H9	H9	H9	H9
7/13/2021	XX	LPUD1XE01	F6	F6	F6					F6	F6	F6	F6	F6
7/16/2021	XX	LPUD1XE3C	H9	H9	H9					H9	H9	H9	H9	H9
8/3/2021	XX	LPUD1XEFE	H9	H9	H9					H9	H9	H9	H9	H9
9/18/2021	XX	LPUD1XEDG	357	6.7	20.4					365	6	125	11	0.143
10/5/2021	XX	LPUD1XE69	F6	F6	F6					F6	F6	F6	F6	F6
10/16/2021	XX	LPUD1XEEF	251	6.9	19.8					349	6	150	5	0.2152
11/20/2021	XX	LPUD1XEHD	H9	H9	H9					H9	H9	H9	H9	H9
12/18/2021	XX	LPUD1XE1F	H9	H9	H9					H9	H9	H9	H9	H9
1/16/2022	XX	LPUD1XF4B	H9	H9	H9					H9	H9	H9	H9	H9
2/20/2022	XX	LPUD1XF5B	H9	H9	H9					H9	H9	H9	H9	H9
3/20/2022	XX	LPUD1XF6B	H9	H9	H9					H9	H9	H9	H9	H9
4/15/2022	XX	LPUD1XFC2	H9	H9	H9					H9	H9	H9	H9	H9
4/26/2022	XX	LPUD1XF11	F6	F6	F6					F6	F6	F6	F6	F6
5/10/2022	XX	LPUD1XFD2	H9	H9	H9					H9	H9	H9	H9	H9
6/7/2022	XX	LPUD1XFEC	H9	H9	H9					H9	H9	H9	H9	H9
7/19/2022	XX	LPUD1XF8J	D	D	D					D	D	D	D	D
7/21/2022	XX	LPUD1XFFC	H9	H9	H9					H9	H9	H9	H9	H9
8/8/2022	XX	LPUD1XG31	H9	H9	H9					H9	H9	H9	H9	H9
9/2/2022	XX	LPUD1XG5D	H9	H9	H9					H9	H9	H9	H9	H9
10/4/2022	XX	LPUD1XFJ0	D	D	D					D	D	D	D	F6
10/6/2022	XX	LPUD1XG8F	H9	H9	H9					H9	H9	H9	H9	H9
11/4/2022	XX	LPUD1XGA6	H9	H9	H9					H9	H9	H9	H9	H9
12/5/2022	XX	LPUD1XGCB	H9	H9	H9					H9	H9	H9	H9	H9
LP-UD-2														
1/30/2013	XX	LPUD2X609	289	7.7	8.7					463	10	125	0.35	0.0003
2/15/2013	XX	LPUD2X5JH	272	7.6	9.6					393	6	130	0.04	0.0003
3/28/2013	XX	LPUD2X612	270	7.9	8.5					300	10	110	0.47	0.0003
4/23/2013	XX	LPUD2X5I9	299	7.1	7.9					238	6	85	1	0.0033
4/24/2013	XX	LPUD2X61E	231	7.6	11.1					343	10	137	0.02	0.0006
5/30/2013	XX	LPUD2X626	216	7.2	18.6					324	10	115	0.19	0.005
6/26/2013	XX	LPUD2X62I	302	7.1	13.5					409	8	150	0.32	0.0045
7/30/2013	XX	LPUD2X64E	304	6.8	18.1					261	6	105	1.1	0.0033
8/20/2013	XX	LPUD2X698	335	6.9	21.3					372	6	125	0.41	0.0045

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

(LP-UD-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
9/26/2013	XX	LPUD2X68G	337	7.2	15.9					377	8	110	1.08	0.0011			
10/29/2013	XX	LPUD2X677	361	7	10.8					366	6	125	0.6	0.0022			
11/25/2013	XX	LPUD2X6A1	315	7.4	10.9					381	8	125	0.62	0.0022			
12/17/2013	XX	LPUD2X6D1	288	7.6	9.2					357	10		0.44				
1/24/2014	XX	LPUD2X6DD	290	7.5	6.7					343	10	130	0.51	0.0003			
2/24/2014	XX	LPUD2X6HA	297	7.6	8					207	10	140	1.91	0.0011			
3/27/2014	XX	LPUD2X6GI	296	7.7	10.9					363	12	170	0.48	0.0003			
4/22/2014	XX	LPUD2X6FA	305	7.2	9.8					518	5	90	1.2	0.0033			
4/29/2014	XX	LPUD2X6I2	298	7.4	11.4					326	11	165	1.84	0.0003			
5/23/2014	XX	LPUD2X711	318	7.3	13.9					353	10	140	0.58	0.0006			
6/24/2014	XX	LPUD2X71D	369	7.3	20.8					368	8	160	0.39	0.0003			
7/29/2014	XX	LPUD2X6JH	300	7	18.3					437	5	30	0.8	0.0056			
8/26/2014	XX	LPUD2X74D	329	7	24.9					379	7	200	0.27	0.0003			
9/23/2014	XX	LPUD2X754	336	7.3	22.2					367	8	155	0.1	0.0011			
10/21/2014	XX	LPUD2X738	280	7.2	13.3					360	5	75	0.4	0.0033			
11/28/2014	XX	LPUD2X75G	308	7.3	13					373	7	135	M	0.0007			
12/24/2014	XX	LPUD2X769	316	7.3	12.1					374	8	135	0.14	0.0015			
2/3/2015	XX	LPUD2X770	310	7.6	12.6					375	5.5	150	0.27	0.0011			
2/21/2015	XX	LPUD2X77B	241	7.8	17.5					352	7.5	150	0.87	0.0007			
3/28/2015	XX	LPUD2X7A9	281	7.1	11.7					393	5.5	125	1.06	0.0017			
4/16/2015	XX	LPUD2X7B2	294	7.6	18.8					370	9	125	0.95	0.0015			
4/28/2015	XX	LPUD2X795	302	7.4	7.2					333	8.8		1.3	0.0033			
5/22/2015	XX	LPUD2X7F7	174	7.2	18.8					370	8	150	0.7	0.0006			
6/22/2015	XX	LPUD2X7EF	321	7.1	21.8					287	7	160	0.34	0.0006			
7/14/2015	XX	LPUD2X7CH	309	7	15.5					335	7.6		0.4	0.0045			
7/23/2015	XX	LPUD2X7FJ	324	7.1	19.6					363	7	130	0.1				
8/24/2015	XX	LPUD2X7GB	329	7	19					350	7	165	0.4	0.0007			
9/26/2015	XX	LPUD2X804	309	7	19.9					364	7	155	0.1	0.0004			
10/27/2015	XX	LPUD2X7I6	283	7.7	12.5					336	8		0.3	0.0033			
10/31/2015	XX	LPUD2X80G	H5	H5	H5					H5	H5	H5	H5	H5			
11/27/2015	XX	LPUD2X818	315	7.2	13.3					374	9	160	0.3	0.0007			
12/30/2015	XX	LPUD2X821	305	7.2	7.8					361	9	140	0.03	0.0004			
1/14/2016	XX	LPUD2X82D	310	6.8	4.4					332	8	155	0.01 U	0.0006			
2/18/2016	XX	LPUD2X885	283	7.3	9.6					354	8	155	0.7	0.0006			
3/17/2016	XX	LPUD2X88H	311	7.1	9.4					333	9	160	0.4	0.0006			
4/5/2016	XX	LPUD2X86G	302	7.5	5.1					205	9.2		0.6	0.0033			
4/21/2016	XX	LPUD2X899	305	7.2	10.9					290	9	150	0.3	0.0006			
5/26/2016	XX	LPUD2X8CF	312	7.1	13.8					309	9	145	0.2	0.0004			
6/27/2016	XX	LPUD2X8DJ	H9	H9	H9					H9	H9	H9	H9	H9			
7/20/2016	XX	LPUD2X8F3	F6	F6	F6					F6	F6	F6	F6	F6			
7/26/2016	XX	LPUD2X8B6	339	6.8	15.4					332	4.6		0.4	0.0022			
8/29/2016	XX	LPUD2X90E	F12	F12	F12					F12	F12		F12	F12			
9/23/2016	XX	LPUD2X93D	F12	F12	F12					F12	F12		F12	F12			
10/25/2016	XX	LPUD2X8J5	466	7.4	12.9					157	2.6		0.8	0.0017			
10/31/2016	XX	LPUD2X947	H9	H9	H9					H9	H9		H9	H9			
11/29/2016	XX	LPUD2X952	F12	F12	F12					F12	F12		F12	F12			
12/13/2016	XX	LPUD2X95F	H9	H9	H9					H9	H9		H9	H9			
1/10/2017	XX	LPUD2X99E	H5	H5	H5					H5	H5	H5	H5	H5			
2/8/2017	XX	LPUD2X9A7	H5	H5	H5					H5	H5	H5	H5	H5			
3/3/2017	XX	LPUD2X9B0	H5	H5	H5					H5	H5	H5	H5	H5			

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FOR: Juniper Ridge Landfill

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

(LP-UD-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/5/2017	XX	LPUD2X991	H5	H5	H5					H5	H5	H5	H5	H5
4/18/2017	XX	LPUD2X97B	390	6.8	6.2					405	4.5		0.5	0.0011
5/25/2017	XX	LPUD2X9BD	H5	H5	H5					H5	H5	H5	H5	H5
6/16/2017	XX	LPUD2X9EE	327	7.4	19.8					365	7	175	0.4	0.0007
7/25/2017	XX	LPUD2X9D9	305	7.7	15.4					413	8.3		0.3	0.0022
7/31/2017	XX	LPUD2X9F7	341	7	18.2					372	6	170	0.3	0.0006
8/31/2017	XX	LPUD2X9IH	332	6.7	17.8					378	7	155	0.2	0.0006
9/28/2017	XX	LPUD2X9J9	330	7	16.9					347	6	140	0.2	0.0006
10/25/2017	XX	LPUD2X9H4	293	7.3	15.2					340	8		1.2	0.0006
10/26/2017	XX	LPUD2XA01	332	6.8	16.1					401	6	155	0.3	0.00056
11/30/2017	XX	LPUD2XA0D	313	7.2	1.3					390	7	150	0.2	0.00111
12/27/2017	XX	LPUD2XA16	306	6.5	9.7					415	9	130	0.1	0.0007
1/19/2018	XX	LPUD2XA4C	303	7	9.2					399	9	125	0.3	0.00111
2/22/2018	XX	LPUD2XA55	456	7.6	8.9					373	9	160	0.2	0.00167
3/24/2018	XX	LPUD2XA91	308	6.8	8.5					423	9	125	0.5	0.00037
4/3/2018	XX	LPUD2XA33	267	7.2	8.3					463	8		1.2	0.00334
4/28/2018	XX	LPUD2XA9E	263	7.1	13.6					420	10	120	0.5	0.00056
5/11/2018	XX	LPUD2XAA7	309	6.9	13.3					415	8	120	0.2	0.00111
6/2/2018	XX	LPUD2XADB	359	6.6	15.3					356	7	125	0.7	0.00111
7/2/2018	XX	LPUD2XAIB	364	7.3	20.1					372	7	120	0.5	0.0011
7/17/2018	XX	LPUD2XAC4	327	8.5	15.2					393	7.2		1.1	0.00056
8/17/2018	XX	LPUD2XAJ6	390	6.7	23.8					344	7	140	1.1	0.00037
9/1/2018	XX	LPUD2XB2C	353	6.7	18.3					375	6	125	0.7	0.0004
10/2/2018	XX	LPUD2XB12	314	7.7	14.4					476	6.7		0.8	0.00056
10/13/2018	XX	LPUD2XB36	391	5.7	15.4					370	7	150	1.9	0.0004
11/2/2018	XX	LPUD2XB40	273	6.2	12.1					370	8	120	1.5	0.0003
12/7/2018	XX	LPUD2XB7J	285	5.8	7.6					360	7	130	1.1	0.0007
1/3/2019	XX	LPUD2XB8D	324	6.9	5.1					376	8	140	1.6	0.0004
2/2/2019	XX	LPUD2XB97	444	7.7	3.1					374	7	125	3.8	0.0002
3/2/2019	XX	LPUD2XBA1	317	5.9	6.1					352	7	150	0.8	0.0003
4/5/2019	XX	LPUD2XBAF	272	8	13.1					380	8	125	0.8	0.0002
4/23/2019	XX	LPUD2XB5J	243	7.1	6.3					359	9		0.6	0.0022
5/10/2019	XX	LPUD2XBE7	299	6.4	13.7					348	7	125	1.7	0.0004
6/24/2019	XX	LPUD2XBF1	272	7.2	16					367	8	125	0.9	0.0033
7/16/2019	XX	LPUD2XBCB	284	7.5	16.2					402	12		0.4	0.0011
7/30/2019	XX	LPUD2XBFF	300	7.3	20.3					355	8	135	0.4	0.0002
8/20/2019	XX	LPUD2XBG9	281	7.4	25.2					355	5	130	0.2	0.0022
9/20/2019	XX	LPUD2XC02	300	7.3	21.6					362	6	125	0.2	0.0002
10/14/2019	XX	LPUD2XC0G	271	7.3	18.2					348	8	125	0.8	0.0017
10/29/2019	XX	LPUD2XB14	273	7.3	12.7					333	7.8		1.1	0.0006
11/27/2019	XX	LPUD2XC1A	257	7.4	20.9					395	8	125	0.7	0.0022
12/23/2019	XX	LPUD2XC30	267	7.2	10.4					378	8	120	0.3	0.0045
1/17/2020	XX	LPUD2XC3F	253	7.3	8					418	10	125	0.7	0.0013
2/4/2020	XX	LPUD2XC4A	256	7.3	10.4					377	10	125	0.2	0.0025
3/27/2020	XX	LPUD2XCF7	232	7.3	10.7					423	6	125	0.1	0.0067
4/28/2020	XX	LPUD2XCDB	304	7.7	7.4					336	8.5		0.2	0.0011
4/29/2020	XX	LPUD2XCG1	263	7.3	11.7					309	8	125	0.4	0.0017
5/27/2020	XX	LPUD2XD00	245	7.1	21.1					320	6	135	0.1	0.0033
6/28/2020	XX	LPUD2XD0E	292	6.8	22.6					323	6	150	0.1 U	0.0006
7/11/2020	XX	LPUD2XD18	310	7	21.9					327	6	175	0.1	0.0017

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Field Parameters

(LP-UD-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/21/2020	XX	LPUD2XC14	284	6.8	16.7					371	6.1		0.6	0.0006
8/3/2020	XX	LPUD2XD56	303	7	22.1					352	8	160	0.2	0.0017
9/27/2020	XX	LPUD2XD62	282	7.2	18.1					414	6	175	0.2	0.0006
10/27/2020	XX	LPUD2XD38	284	7.5	12.1					403	8.3		0.8	
10/31/2020	XX	LPUD2XD6G	291	7.4	15					398	6	150	0.2	0.0011
11/29/2020	XX	LPUD2XD7A	292	7.3	14.8					419	6	150	0.4	0.0023
12/13/2020	XX	LPUD2XD84	285	7.1	11.8					385	6	135	0.6	0.0022
1/10/2021	XX	LPUD2XDEI	295	7.4	15.2					365	6	140	0.1 U	0.0025
2/28/2021	XX	LPUD2XDE4	271	7.5	13.1					344	8	175	0.5	0.0015
3/30/2021	XX	LPUD2XDFG	277	7.2	14.2					361	8	130	1.4	0.0012
4/6/2021	XX	LPUD2XDCA	252	7	7.2					382	9.7		2.7	0.0017
4/29/2021	XX	LPUD2XDHC	303	7.4	15.5					367	8	150	0.5	0.0017
5/19/2021	XX	LPUD2XD16	314	7.5	21.2					394	7	145	1.3	0.0018
6/2/2021	XX	LPUD2XE2H	269	7.3	19.2					317	5	150	1.6	0.0007
7/13/2021	XX	LPUD2XE02	281	7.3	15.2					301	8.8		0.6	0.0006
7/16/2021	XX	LPUD2XE3D	344	6.9	23.7					372	6	150	1.6	0.0006
8/3/2021	XX	LPUD2XEFF	310	7.2	24.6					399	6	150	13	0.0668
9/18/2021	XX	LPUD2XEDH	H9	H9	H9					H9	H9		H9	H9
10/5/2021	XX	LPUD2XE6A	273	6.9	15.1					256	5.8		0.2	0.0022
10/16/2021	XX	LPUD2XEEG	H9	H9	H9					H9	H9		H9	H9
11/20/2021	XX	LPUD2XEHE	301	7.1	16.6					337	6	125	7	0.0036
12/18/2021	XX	LPUD2XEIG	285	6.8	15.3					344	6	140	3.1	0.0014
1/16/2022	XX	LPUD2XF4C	250	5.5	15.6					339	7	220	9.2	0.0014
2/20/2022	XX	LPUD2XF5C	256	5.5	16					347	7	125	3.7	0.0014
3/20/2022	XX	LPUD2XF6C	305	6.3	14					354	9	130	2.9	0.0017
4/15/2022	XX	LPUD2XFC3	298	7.6	19.9					298	8	150	4.7	0.0017
4/26/2022	XX	LPUD2XF12	253	7.1	7.5					321	7.4		0.5	0.0011
5/10/2022	XX	LPUD2XFD3	300	7.2	21.6					339	8	150	30.3	0.0006
6/7/2022	XX	LPUD2XFED	350	7.3	21.3					326	6	175	1.7	0.0005
7/19/2022	XX	LPUD2XF90	296	6.7	17.1					353	4.1		0.3	0.0011
7/21/2022	XX	LPUD2XFFD	337	7.2	22.3					324	5	200	1.5	0.0004
8/8/2022	XX	LPUD2XG32	321	7	18.8					357	5	175	2.3	0.0004
9/2/2022	XX	LPUD2XG5E	335	7.1	18.6					365	5	150	2	0.0004
10/4/2022	XX	LPUD2XFJ1	266	7.1	12.2					373	4.2		0.4	0.0011
10/6/2022	XX	LPUD2XG8G	324	7.3	13.9					286	6	175	1.2	0.0004
11/4/2022	XX	LPUD2XGA7	318	6.7	13.2					327	8	175	1.9	0.0007
12/5/2022	XX	LPUD2XGCC	320	6.8	9.2					325	6	175	2.1	0.0006

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2/26/2020	XX	GWX09AC56	315	8.7	6.5	5.62	164.28	169.9	42.38	26	0.6		81.2	
4/30/2020	XX	GWX09ACC1	368	8.1	6.7	5.24	164.66	169.9		29	1.9		5.6	
6/23/2020	XX	GWX09ACGC	187	7.2	14.9	7.84	162.06	169.9		133	8.2		1.5	
8/20/2020	XX	GWX09AD1J	389	7.9	11.3	9.12	160.78	169.9		33	0.6		0.8	
7/15/2021	XX	GWXXXXE20	388	7.7	10.8	6.7	163.2	169.9		162	1		2	
10/7/2021	XX	GWX09AE86	369	7.7	9.5	6	163.9	169.9		47	0.2		9.4	
4/27/2022	XX	GWX09AF2C	284	7.4	7.1	5.07	164.83	169.9		156	3.4		3	
7/20/2022	XX	GWXXXXFAF	306	7	9.5	9.3	160.6	169.9		189	1		2	
10/5/2022	XX	GWX09AG0B	270	7.4	8.4	7.5	162.4	169.9	42.1	370	0.4		0.6	

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SUMMARY REPORT

Field Parameters

(MW-04-09B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
2/26/2020	XX	GWX09BC57	127	7.1	5.3	5.45	164.48	169.93	19.64	312	9.7		11.1	
4/30/2020	XX	GWX09BCC2	104	7.4	5.6	5.11	164.82	169.93		353	10.5		1.2	
6/23/2020	XX	GWX09BCGD	89	6.6	12	7.85	162.08	169.93		417	9.3		1.1	
8/20/2020	XX	GWX09BD20	99	7.1	12	9.11	160.82	169.93		354	9.4		0.7	
7/15/2021	XX	GWXXXXE21	112	7	12.1	6.65	163.28	169.93		235	7.2		8.5	
10/7/2021	XX	GWX09BE87	113	6.7	11	5.91	164.02	169.93		303	7.5		7.6	
4/27/2022	XX	GWX09BF2D	89	6.6	6.2	4.6	165.33	169.93		247	8.6		4.6	
7/20/2022	XX	GWXXXXFAG	104	6.9	10.9	9.4	160.53	169.93		256	7.4		3.8	
10/5/2022	XX	GWX09BG0C	139	7.4	9.9	7.4	162.53	169.93	19.64	316	3.4		0.3	

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4/23/2013	XX	GW102X5J0	220	8.4	7	5.8	164.42	170.22		396	3	85	0.9	
7/31/2013	XX	GW102X655	227	7.8	16.1	6.5	163.72	170.22		334	3	100	0.8	
10/28/2013	XX	GW102X67F	207	8.3	12.7	7.1	163.12	170.22	18.05	306	1	100	1.2	
4/23/2014	XX	GW102X6G1	226	6.2	8.5	5.6	164.62	170.22		476	5	75	1.1	
7/30/2014	XX	GW102X704	226	7.6	15.8	6.3	163.92	170.22		429	3	105	0.9	
10/21/2014	XX	GW102X73F	196	8.1	12.9	6.58	163.64	170.22	18.05	431	2	90	1.6	
4/29/2015	XX	GW102X79C	210	8.2	6.8	5.5	164.72	170.22		380	5.1		0.8	
7/14/2015	XX	GW102X7D4	237	8	17.3	6.9	163.32	170.22		349	3		0.9	
10/28/2015	XX	GW102X7ID	214	8.4	10.8	6.75	163.47	170.22	18.05	285	5.29		2.1	
4/5/2016	XX	GW102X873	244	8	5.3	6	164.22	170.22		350	6.9		4.6	
7/26/2016	XX	GW102X8BD	275	8	17.1	7.6	167.62	170.22		327	3.3		3.3	
10/25/2016	XX	GW102X8JC	237	7.5	13	7.2	163.02	170.22	18.05	382	2.6		8.1	
4/19/2017	XX	GW102X97I	219	8.2	6.3	6.8	163.42	170.22		324	7.5		0.6	
7/26/2017	XX	GW102X9DG	222	8	15.9	8.08	162.14	170.22		297	3.6		2.1	
10/25/2017	XX	GW102X9HB	240	7.9	15.6	8.2	162.02	170.22	18.05	315	3		2.4	
4/4/2018	XX	GW102XA3A	320	8.2	4.5	6.2	164.02	170.22		342	7.3		2.7	
7/18/2018	XX	GW102XACB	228	7.7	15.7	8.3	161.92	170.22		293	5		1.9	
10/3/2018	XX	GW102XB19	224	8.1	14.5	7.95	162.27	170.22	18.05	280	3.3		1.7	
4/24/2019	XX	GW102XB66	216	8.3	5.1	6.4	163.82	170.22		355	6		1.9	
7/17/2019	XX	GW102XBCH	216	7.6	14.2	7.1	163.12	170.22		265	3.7		2.7	
10/28/2019	XX	GW102XBIA	216	8.1	8.1	6.55	163.67	170.22	18.05	307	3.3		2.7	
4/27/2020	XX	GW102XCDD	235	7	6.1	7.1	163.12	170.22		348	4.9		1.2	
7/20/2020	XX	GW102XCIA	219	7.6	15.6	8.42	161.8	170.22		262	3.9		2.4	
10/26/2020	XX	GW102XD3E	224	7.2	12.5	8	162.22	170.22	18.05	351	5.5		2.7	
4/5/2021	XX	GW102XDCC	246	6.6	5.2	6.55	163.67	170.22		335	5.4		3	
7/12/2021	XX	GW102XE08	208	7.9	14.5	8.2	162.02	170.22		267	4.7		2.8	
10/4/2021	XX	GW102XE6G	230	7.4	15.5	8	162.22	170.22		253	3.4		1.7	
4/25/2022	XX	GW102XF18	195	7.7	7.5	6.9	163.32	170.22		202	5.4		2.6	
7/18/2022	XX	GW102XF96	207	7.6	16	9.92	160.3	170.22		201	3.7		2.7	
10/3/2022	XX	GW102XFJ7	210	7.3	15	8.3	161.92	170.22	18	279	5.3		1.5	

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4/24/2013	XX	GW105X5J1	249	6.8	7.1	7.55	158.04	165.59		381	1	90	3	
10/29/2013	XX	GW105X68B	286	6.7	11.2	8.43	157.16	165.59	22.83	324	0.6	125	1.2	
10/22/2014	XX	GW105X747	322	6.6	10.5	7.28	158.31	165.59	22.83	447	0.4	110	0.2	
10/28/2015	XX	GW105X7J7	296	6.7	10.1	7.62	157.97	165.59	22.83	295	0.4		0.9	
10/26/2016	XX	GW105X909	305	6.9	10.6	8.31	157.28	165.59	22.83	346	0.4		3.7	
10/23/2017	XX	GW105X9I8	332	6.9	14.3	9.2	156.39	165.59	22.85	299	0.4		0.7	
10/1/2018	XX	GW105XB26	341	6.9	11.7	8.61	156.98	165.59	22.84	307	0.4		1.9	

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

(MW04-105)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/28/2019	XX	GW105XBJ6	218	6.8	10.3	7.2	158.39	165.59	22.83	265	0.4		1.8	
10/27/2020	XX	GW105XD4A	276	7.1	11.4	8.3	157.29	165.59	22.84	348	0.6		1.8	
10/5/2021	XX	GW105XE7B	328	6.8	14.9	8.15	157.44	165.59		170	0.3		1	
4/25/2022	XX	GW105XF22	207	6.5	10	8	157.59	165.59		211	2.6		2.3	
10/5/2022	XX	GW105XG01	316	6.5	14.1	8.5	157.09	165.59	22.85	180	0.3		2	

MW04-109R

4/23/2013	XX	GW109X5J2	390	6.8	10.2	6.68	153.45	160.13		341	1	165	0.3	
7/30/2013	XX	GW109X657	414	6.6	19	6.92	153.21	160.13		278	0.6	180	0.2	
10/29/2013	XX	GW109X67G	397	6.3	5.9	7.41	152.72	160.13	22.97	327	0.6	220	0.2	
4/22/2014	XX	GW109X6G3	377	6.5	11	6.22	153.91	160.13		418	0.8	200	0	
7/29/2014	XX	GW109X705	407	6.6	17.7	6.79	153.34	160.13		361	0.3	220	0.9	
10/21/2014	XX	GW109X73G	389	6.7	12.5	7.07	153.06	160.13	22.98	412	0.4	220	0	
4/28/2015	XX	GW109X79D	399	6.7	9.9	6.23	153.9	160.13		386	1.3		0.1	
7/14/2015	XX	GW109X7D5	398	6.6	21.9	7.35	152.78	160.13		355	1		0.1	
10/27/2015	XX	GW109X7IE	429	6.6	11.6	7	153.13	160.13	22.97	323	0.7		0.2	
4/5/2016	XX	GW109X874	445	6.6	8.4	6.33	153.8	160.13		339	1.3		0.4	
7/26/2016	XX	GW109X8BE	426	6.5	21.4	7.6	152.53	160.13		356	0.8		1	
10/25/2016	XX	GW109X8JD	425	6.6	9.1	7.35	152.78	160.13	22.97	385	0.7		2	
4/18/2017	XX	GW109X97J	237	6.8	9	6.11	154.02	160.13		419	2.6		0.4	
7/25/2017	XX	GW109X9DH	443	6.5	19.9	7.71	152.42	160.13		302	0.5		2.4	
10/24/2017	XX	GW109X9HC	453	6.7	16.5	8.62	151.51	160.13	22.97	335	2		0.8	
4/3/2018	XX	GW109XA3B	556	6.7	7.2	5.73	154.4	160.13		389	1.7		0.7	
7/17/2018	XX	GW109XACC	461	6.6	19	7.45	152.68	160.13		300	1.5		2.4	
10/2/2018	XX	GW109XB1A	437	6.7	11.1	7.85	152.28	160.13	22.97	330	0.4		1.8	
4/23/2019	XX	GW109XB67	427	6.9	8.7	5.67	154.46	160.13		409	1.7		0.8	
7/16/2019	XX	GW109XBCI	446	6.5	18.2	6.4	153.73	160.13		268	1.3		2.3	
10/29/2019	XX	GW109XBIB	418	6.8	13.2	5.96	154.17	160.13	22.97	371	0.1 U		2.8	
4/28/2020	XX	GW109XCDI	385	6.9	8.7	6.45	153.68	160.13		354	4.3		1.2	
7/21/2020	XX	GW109XCIB	408	6.8	20.2	7.28	152.85	160.13		236	1.8		2.7	
10/27/2020	XX	GW109XD3F	391	6.9	9.2	7.08	153.05	160.13	27.98	327	0.6		1.5	
4/6/2021	XX	GW109XDCH	403	6.5	9.7	6.3	153.83	160.13		252	2.5		1.9	
7/13/2021	XX	GW109XE09	424	6.6	17.9	7.1	153.03	160.13		207	0.4		1	
10/5/2021	XX	GW109XE6H	386	6.6	12.1	6.75	153.38	160.13		220	0.3		1.2	
4/26/2022	XX	GW109XF19	314	6.5	9.7	6.3	153.83	160.13		250	2.7		2	
7/19/2022	XX	GW109XF97	370	6.2	21.9	7.5	152.63	160.13		202	0.7		1.5	
10/4/2022	XX	GW109XFJ8	345	6.3	9.3	7.05	153.08	160.13	27.98	273	0.8		1.4	

MW06-01

4/10/2018	XX	GWXXXXA70	85	6.5	7.3	F1			22.13	325	7.9		0.1	
6/4/2018	XX	GWXXXXA7H	94	6.6	7.7	0.25	165.881	166.131		367	10.3		0.7	
7/18/2018	XX	GWXXXXAEF	102	8	10.2	0.85	165.281	166.131		508	8.7		3.2	
8/20/2018	XX	GWXXXXAFG	91	6.1	11.2	1.7	164.431	166.131		376	9.2		3.5	
4/24/2019	XX	GWXXXXB7D	84	7	6.4	F1				377	10.1		2.1	
7/18/2019	XX	GWXXXXBE1	67	8.1	12.2	0.18	165.951	166.131		290	13		0.5	
10/30/2019	XX	GWXXXXBJ8	85	7.7	9.7	F1		166.131	22.13	219	11		0.1	
4/29/2020	XX	GWXXXXCF1	95	7.2	6.5	F1		166.131		394	10.9		0.3	
7/22/2020	XX	GWXXXXCJE	98	6.7	18.1	3.25	162.881	166.131		386	6.8		0.2	
10/28/2020	XX	GWXXXXD4C	83	7.9	9.8	2.67	163.461	166.131	22.14	372	10.5		0.3	
4/7/2021	XX	GWXXXXDDI	86	6.4	7.6	0.9	165.231	166.131		442	7.9		0.3	

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(MW06-01)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/14/2021	XX	GWXXXXE19	108	7.2	13.1	2.37	163.761	166.131		337	5.8		0.2	
10/6/2021	XX	GWXXXXE7D	111	6.5	12.6	1.7	164.431	166.131		356	3.9		0.1	
4/27/2022	XX	GWXXXXF24	162	6.3	8	F1		166.131		424	2.5		0.2	
7/20/2022	XX	GWXXXXFA7	149	6.9	12.2	1.83	164.301	166.131		325	1.8		0.2	
10/5/2022	XX	GWXXXXG03	154	7.2	11.4	2.18	163.951	166.131	22.13	355	1.8		0.3	
MW-08-01														
2/9/2021	XX	GWXXXXA0	196	8.4	5.7	14.93	161.08	176.01	127.89	343	4.5		5.2	
4/7/2021	XX	GWXXXXDAJ	229	8.1	8	14.75	161.26	176.01		160	1.7		2.8	
6/9/2021	XX	GWXXXXDH2	188	7.8	10.4	15.04	160.97	176.01		204	1.8		2.2	
8/19/2021	XX	GWXXXXE4G	190	7.2	11.6	15.3	160.71	176.01		342	1.3		0.5	
10/4/2021	XX	GWXXXXE9B	201	7.1	10.7	14.68	161.33	176.01		155	0.9		0.8	
4/27/2022	XX	GWXXXXF3G	210	7.8	8.8	21.75	154.26	176.01		134	1.5		13	
7/21/2022	XX	GWXXXXFBD	183	7.6	17.4	22.4	153.61	176.01		169	1.2		5.9	
10/5/2022	XX	GWXXXXG1F	243	7.1	11.9	22.45	153.56	176.01	127.89	217	1.6		6.6	
MW09-901														
4/23/2013	XX	GW901X5I0	178	8.4	9.8	9.42	155.68	165.1		382	4	65	0.1	
7/30/2013	XX	GW901X645	197	7.7	14.3	9.94	155.16	165.1		352	4	80	0.4	
10/29/2013	XX	GW901X66I	195	7.3	8.9	10.63	154.47	165.1	22.8	312	2	85	1.4	
4/22/2014	XX	GW901X6F1	231	7.4	13.1	8.07	157.03	165.1		464	5	85	1.5	
7/29/2014	XX	GW901X6J8	208	7.7	15.8	9.31	155.79	165.1		408	4	95	0.8	
10/21/2014	XX	GW901X72J	266	7.6	12.3	9.7	155.4	165.1	22.8	401	1	120	0	
4/28/2015	XX	GW901X78G	286	7.5	11	7.5	157.6	165.1		371	5.1		1.4	
7/14/2015	XX	GW901X7C8	306	7.5	18.6	10.25	154.85	165.1		368	4.6		1	
10/27/2015	XX	GW901X7HH	318	7.7	11.8	9.48	155.62	165.1	22.82	301	3.4		0.2	
4/5/2016	XX	GW901X867	356	7.4	4.6	7.8	157.3	165.1		362	5.3		1.1	
7/26/2016	XX	GW901X8AH	366	7.6	20.4	10.72	154.38	165.1		337	4.3		3.9	
10/25/2016	XX	GW901X8IG	353	7.1	10.7	10.5	154.6	165.1	22.82	397	0.9		4.1	
4/18/2017	XX	GW901X972	341	7	8.5	7.45	157.65	165.1		422	5.4		0.7	
7/25/2017	XX	GW901X9D0	379	6.5	19.5	10.91	154.19	165.1		346	2.2		2.5	
10/24/2017	XX	GW901X9GF	392	6.9	16.3	11.92	153.18	165.1	22.8	388	0.8		2.6	
4/3/2018	XX	GW901XA2E	482	6.8	10.1	6.3	158.8	165.1		413	3.2		0.2	
7/17/2018	XX	GW901XABF	423	6.7	15	10.17	154.93	165.1		311	1.4		2.4	
10/2/2018	XX	GW901XB0D	390	6.7	10.7	11	154.1	165.1	22.82	303	1		1.3	
4/23/2019	XX	GW901XB5A	364	6.7	6.9	5.96	159.14	165.1		423	1.3		1.6	
7/16/2019	XX	GW901XBC2	398	6.6	18.7	9.15	155.95	165.1		280	0.4		2.8	
10/29/2019	XX	GW901XBHF	333	6.8	12.4	5.89	159.21	165.1	22.82	381	0.1 U		1.6	
4/28/2020	XX	GW901XCD2	339	7.1	9.7	6.69	158.41	165.1		370	2		1.4	
7/21/2020	XX	GW901XCHF	348	7.2	13.3	8.8	156.3	165.1		235	0.3		1.1	
10/27/2020	XX	GW901XD2J	341	7	10.3	8.15	156.95	165.1	22.81	359	0.4		1.5	
4/6/2021	XX	GW901XDC1	373	6.4	10.2	6	159.1	165.1		278	2.1		1.5	
7/13/2021	XX	GW901XDJD	360	6.6	15.6	7.7	157.4	165.1		212	0.3		1.2	
10/5/2021	XX	GW901XE61	346	6.3	13.8	7.3	157.8	165.1		231	0.2		1.4	
4/26/2022	XX	GW901XF0D	342	6.3	9.9	6.15	158.95	165.1		260	1.4		1.9	
7/19/2022	XX	GW901XF8B	348	6.2	18.1	9	156.1	165.1		211	0.2		1.6	
10/4/2022	XX	GW901XFC	286	6.3	12.8	7.8	157.3	165.1	22.78	309	0.8		1.2	
MW-204														
4/24/2013	XX	GW204X5ID	185	6.7	7.2	9.22	155.53	164.75		339	1	60	5.5	
10/30/2013	XX	GW204X68A	185	6	10.8	9.95	154.8	164.75	24.43	210	0.6	80	1.7	

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Field Parameters

(MW-204)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
10/22/2014	XX	GW204X746	192	6.3	11.1	9.45	155.3	164.75	24.48	428	0.4	75	0.4				
10/28/2015	XX	GW204X7J5	167	6.5	11.5	9.4	155.35	164.75	24.43	301	1.9		1.3				
10/26/2016	XX	GW204X907	218	6.7	10	10.05	154.7	164.75	24.43	294	0.5		3.5				
10/23/2017	XX	GW204X9I6	272	6.6	13.1	11.5	153.25	164.75	24.43	312	0.3		1.6				
10/3/2018	XX	GW204XB24	277	6.6	12.3	10.17	154.58	164.75	24.48	300	1.6		2.4				
10/28/2019	XX	GW204XBJ4	253	6.9	11	9	155.75	164.75	24.49	191	0.3		4.1				
10/26/2020	XX	GW204XD48	265	6.6	11.2	10.1	154.65	164.75	24.47	337	0.4		3.5				
10/4/2021	XX	GW204XE79	357	6.8	13.6	9.65	155.1	164.75		183	0.7		2.8				
4/26/2022	XX	GW204XF20	251	6.5	8.5	9.4	155.35	164.75		239	1.7		1.8				
10/5/2022	XX	GW204XFJJ	323	6.6	14.5	9.9	154.85	164.75	24.47	176	0.4		2				
MW-206																	
4/22/2013	XX	GW206X5H2	141	8.1	8.6	4.8	199.87	204.67		317	6	65	0.9				
7/29/2013	XX	GW206X637	146	7.7	12.3	6.78	197.89	204.67		464	8	65	0.9				
10/28/2013	XX	GW206X660	135	7.9	10.3	8.05	196.62	204.67	23.15	164	6	60	1.5				
4/21/2014	XX	GW206X6E3	135	8.4	11	4.7	199.97	204.67		441	5	60	0.4				
7/28/2014	XX	GW206X6IB	170	7.3	14.4	6.95	197.72	204.67		366	5	70	0.9				
10/20/2014	XX	GW206X721	142	8.3	9.5	7.8	196.87	204.67	23.15	295	6	65	0.9				
4/27/2015	XX	GW206X77J	131	8.3	6.9	4.6	200.07	204.67		328	8.6		1.2				
7/13/2015	XX	GW206X7BB	149	8.2	14.4	7.65	197.02	204.67		287	7.7		0.4				
10/26/2015	XX	GW206X7H0	139	7.8	9.3	6.8	197.87	204.67	23.15	200	7.7		4.4				
4/4/2016	XX	GW206X85A	159	7.3	4.1	4.9	199.77	204.67		364	8.5		1.5				
7/25/2016	XX	GW206X8A0	148	8.1	13.8	9.5	195.17	204.67		306	7.6		2.4				
10/24/2016	XX	GW206X8HJ	167	7.5	9.4	13.95	190.72	204.67		348	8.2		9.4				
4/17/2017	XX	GW206X965	142	8.2	8.6	4.82	199.85	204.67		266	9.9		1.4				
7/24/2017	XX	GW206X9C3	150	7.7	11.8	9.6	195.07	204.67		367	9.4		2.4				
10/23/2017	XX	GW206X9FI	146	8.1	11.6	14.9	189.77	204.67	23.15	338	7.3		2				
4/2/2018	XX	GW206XA1G	269	7.8	5.7	4.6	200.07	204.67		362	8.5		7.5				
7/16/2018	XX	GW206XAAI	148	8	11.3	8.55	196.12	204.67		313	8.4		2.4				
10/1/2018	XX	GW206XAJG	147	8.1	10.7	13.2	191.47	204.67	23.15	258	7.8		4.2				
4/22/2019	XX	GW206XB4C	139	8.6	6.1	4.45	200.22	204.67		399	8.8		2.6				
7/17/2019	XX	GW206XBB5	144	8.1	12.3	6.6	198.07	204.67		253	7.5		7.8				
10/28/2019	XX	GW206XBGJ	149	8.3	9.1	4.5	200.17	204.67	23.15	242	7.2		4				
4/27/2020	XX	GW206XCC5	142	7.4	4.7	5.1	199.57	204.67		237	8.4		5.1				
7/20/2020	XX	GW206XCGI	146	8.1	14.3	10.8	193.87	204.67		191	7.5		2.8				
10/26/2020	XX	GW206XD23	148	7.6	7.3	9.6	195.07	204.67	23.15	342	8.7		2.4				
4/5/2021	XX	GW206XDB4	150	7.3	5.5	4.65	200.02	204.67		225	7.1		1.3				
7/14/2021	XX	GW206XDIG	159	7.8	11	6.9	197.77	204.67		267	7		2.5				
10/4/2021	XX	GWXXXXE8D	154	8.2	10.3	5.8	198.87	204.67		243	6		1.2				
4/25/2022	XX	GWXXXXF2J	139	7.9	7.6	5.23	199.44	204.67		192	6.9		2.3				
7/18/2022	XX	GW206XF7E	143	7.4	14.5	12.2	192.47	204.67		186	5.5		4.6				
10/3/2022	XX	GWXXXXG0I	323	6.6	14.5	9.9	194.77	204.67	23.1	176	0.4		2				
MW-223A																	
4/23/2013	XX	GW223A5H5	439	7.6	4.8	0.31	176.23	176.54		255	1	180	0.5				
7/30/2013	XX	GW223A63A	454	7.6	13.4	1.09	175.45	176.54		322	1	180	0.1				
10/29/2013	XX	GW223A663	420	7.6	9.3	1.95	174.59	176.54	35.56	237	0.8	180	0.3				
4/22/2014	XX	GW223A6E6	453	7.8	6	0.4	176.14	176.54		436	0.6	200	0.3				
7/29/2014	XX	GW223A6ID	460	7.5	10.4	1.15	175.39	176.54		404	0.4	200	0.5				
10/21/2014	XX	GW223A723	435	7.6	9	2.43	174.11	176.54	35.57	367	0.8	200	0.8				

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Field Parameters

(MW-223A)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/28/2015	XX	GW223A781	458	7.6	6.5	0.8	175.74	176.54		367	0.7		0.3	
7/14/2015	XX	GW223A7BD	467	7.5	14.2	1.82	174.72	176.54		356	0.9		0.3	
10/27/2015	XX	GW223A7H2	490	7.6	8.5	1.4	175.14	176.54	35.57	290	1.1		0.2	
4/5/2016	XX	GW223A85CX	F	F	F	F				F	F		F	
4/27/2016	XX	GW223A85C	509	7.7	9.1	0.14	176.4	176.54		275	1.3		0.2	
7/26/2016	XX	GW223A8A2	539	7.5	14.2	2.75	173.79	176.54		349	1.8		2.1	
10/25/2016	XX	GW223A8I1	547	7.6	9.4	3.7	172.84	176.54	35.57	338	1.8		2.7	
4/18/2017	XX	GW223A967	519	7.6	5.2	1.3	175.24	176.54		318	2.7		0.7	
7/25/2017	XX	GW223A9C5	543	7.4	14	2.8	173.74	176.54		305	2		0.8	
10/24/2017	XX	GW223A9G0	552	7.6	12.1	4.5	172.04	176.54	35.57	340	1.8		1.2	
4/3/2018	XX	GW223AA11	651	7.6	4.5	1.4	175.14	176.54		307	1.8		0.6	
7/17/2018	XX	GW223AAB0	568	7.4	12.6	3.6	172.94	176.54		297	1.6		2	
10/2/2018	XX	GW223AAJ1	556	6.3	10.8	4.95	171.59	176.54	35.6	305	1.3		2.9	
4/23/2019	XX	GW223AB4E	542	7.6	6.1	2.03	174.51	176.54		370	2		2	
7/16/2019	XX	GW223ABB7	559	7.3	11.5	1.9	174.64	176.54		250	0.8		2.8	
10/29/2019	XX	GW223ABH0	548	7.6	9.5	0.93	175.61	176.54	35.57	351	0.1 U		1.3	
4/28/2020	XX	GW223ACC7	531	7.4	6.2	1.55	174.99	176.54		336	0.8		1	
7/21/2020	XX	GW223ACH0	575	7.4	13.5	3.42	173.12	176.54		212	0.8		1	
10/27/2020	XX	GW223AD24	583	7.4	9.5	2.8	173.74	176.54	35.57	295	0.8		1.5	
4/6/2021	XX	GW223ADB6	599	7.1	6.7	1.6	174.94	176.54		225	1.9		0.7	
7/13/2021	XX	GW223ADII	622	7.4	12.7	3.15	173.39	176.54		149	0.3		1.6	
10/5/2021	XX	GW223AE56	628	7.3	10.5	2.35	174.19	176.54		166	0.3		2.3	
4/26/2022	XX	GW223AEJ1	506	7.2	7.2	1.9	174.64	176.54		158	0.2		2.3	
7/19/2022	XX	GW223AF7G	576	7.1	13.8	5	171.54	176.54		127	0.2		1.3	
10/4/2022	XX	GW223AFHH	578	7	9.8	3	173.54	176.54	35.57	216	0.2		1.3	
MW-223B														
4/23/2013	XX	GW223B5IE	344	7.3	5.5	2.18	173.75	175.93		244	1	95	0.2	
7/30/2013	XX	GW223B64J	363	7.8	13.8	2.77	173.16	175.93		318	2	125	0.4	
10/29/2013	XX	GW223B67C	336	7.5	10.8	3.3	172.63	175.93	20.07	267	0.8	140	0.1	
4/22/2014	XX	GW223B6FF	370	7.5	6.4	2	173.93	175.93		446	1	160	0.6	
7/29/2014	XX	GW223B700	377	7.6	13.3	2.7	173.23	175.93		355	0.6	160	0.7	
10/21/2014	XX	GW223B73C	350	7.5	10.4	3.5	172.43	175.93	20.07	388	1	160	1.1	
4/28/2015	XX	GW223B798	371	7.1	6.2	2.15	173.78	175.93		344	0.4		0.5	
7/14/2015	XX	GW223B7D0	397	7.2	13.9	3.4	172.53	175.93		349	0.5		0.4	
10/27/2015	XX	GW223B7I9	394	7.5	9.8	2.8	173.13	175.93	20.05	286	1.4		1.3	
4/5/2016	XX	GW223B86J	445	7.1	3.8	2.4	173.53	175.93		309	2.2		7.7	
7/26/2016	XX	GW223B8B9	433	7.4	12.8	4	171.93	175.93		360	0.5		3.5	
10/25/2016	XX	GW223B8J8	436	7.5	10.6	4.5	171.43	175.93	20.07	352	0.3		3.7	
4/18/2017	XX	GW223B97E	416	7.2	6	3.2	172.73	175.93		371	3.6		0.8	
7/25/2017	XX	GW223B9DC	441	6.7	12.1	4.17	171.76	175.93		316	0.9		0.9	
10/24/2017	XX	GW223B9H7	446	7.3	13	5.25	170.68	175.93	20.06	367	0.3		1.5	
4/3/2018	XX	GW223BA36	596	7.1	3.9	2.7	173.23	175.93		338	2.3		0.2	
7/17/2018	XX	GW223BAC7	480	6.8	12.2	4.71	171.22	175.93		227	1		2.2	
10/2/2018	XX	GW223BB15	485	7.2	10.4	5.7	170.23	175.93	20.07	267	0.9		2.6	
4/23/2019	XX	GW223BB62	465	7.1	5.1	2.45	173.48	175.93		391	0.8		1.1	
7/16/2019	XX	GW223BBCD	491	7.3	13.7	3.3	172.63	175.93		259	2		1.6	
10/29/2019	XX	GW223BBI6	480	7.2	10.4	2.4	173.53	175.93	20.07	349	0.1 U		1.3	
4/28/2020	XX	GW223BCDD	461	7	5.6	2.8	173.13	175.93		355	0.5		1	
7/21/2020	XX	GW223BCI6	497	7.1	12.3	4.5	171.43	175.93		220	0.6		1.4	

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(MW-223B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/27/2020	XX	GW223BD3A	505	7.2	10.7	3.8	172.13	175.93	20.07	328	0.3		1.9	
4/6/2021	XX	GW223BDCC	505	6.8	5.8	2.9	173.03	175.93		239	0.3		0.8	
7/13/2021	XX	GW223BE04	521	7	11.4	3.4	172.53	175.93		180	0.2		1.3	
10/5/2021	XX	GW223BE6C	531	6.8	11.7	3.6	172.33	175.93		197	0.2		1.2	
4/26/2022	XX	GW223BF14	421	6.8	6.7	3.15	172.78	175.93		213	0.2		2.1	
7/19/2022	XX	GW223BF92	479	6.8	11.8	6.05	169.88	175.93		175	0.2		1.4	
10/4/2022	XX	GW223BFJ3	487	6.7	11.3	4.2	171.73	175.93	20.1	245	0.2		1.6	
MW-227														
4/23/2013	XX	GW227X5H6	189	8.5	5.8	4.33	159.9	164.23		281	1	85	0.2	
7/30/2013	XX	GW227X63B	192	8.9	15	4.39	159.84	164.23		227	0.8	85	0.3	
10/29/2013	XX	GW227X664	177	8.4	10.5	4.65	159.58	164.23	22.28	305	1	80	0.7	
4/22/2014	XX	GW227X6E7	187	8.2	8.3	4.2	160.03	164.23		388	2	70	0.2	
7/29/2014	XX	GW227X6IE	180	8.3	14.2	4.43	159.8	164.23		306	0.8	75	1.3	
10/21/2014	XX	GW227X724	181	8.3	10.7	4.6	159.63	164.23	22.3	376	0.8	85	1.2	
4/28/2015	XX	GW227X782	184	8.3	6.7	4.3	159.93	164.23		350	3.1		0.8	
7/14/2015	XX	GW227X7BE	193	8.3	15.3	5.8	158.43	164.23		353	1.1		1.1	
10/27/2015	XX	GW227X7H3	182	8.1	11.4	4.6	159.63	164.23	22.3	297	3.9		0.7	
4/5/2016	XX	GW227X85D	205	8.1	3.1	4.5	159.73	164.23		320	3.4		2.2	
7/26/2016	XX	GW227X8A3	201	8	13.9	5.55	158.68	164.23		365	1.8		5.2	
10/25/2016	XX	GW227X8I2	199	7.9	10.2	4.61	159.62	164.23	22.3	353	3.5		5.3	
4/18/2017	XX	GW227X968	188	8.2	5.8	4.6	159.63	164.23		356	5.4		1.4	
7/25/2017	XX	GW227X9C6	185	8.2	12.6	6.2	158.03	164.23		314	1.5		2.4	
10/24/2017	XX	GW227X9G1	191	8.1	13.1	5.65	158.58	164.23	22.3	354	1.2		2	
4/3/2018	XX	GW227XA1J	284	8.2	4.8	4.2	160.03	164.23		326	4.9		1.3	
7/17/2018	XX	GW227XAB1	189	8.2	13.5	5.85	158.38	164.23		278	2.1		2.4	
10/2/2018	XX	GW227XAJJ	191	8.1	11.1	5.18	159.05	164.23	22.3	274	2		1.6	
4/23/2019	XX	GW227XB4F	194	8.3	4.9	4.13	160.1	164.23		389	3.2		2.5	
7/16/2019	XX	GW227XBB8	189	8.1	15	4.75	159.48	164.23		244	3.1		3.7	
10/29/2019	XX	GW227XBBH1	181	8.3	10.5	4.19	160.04	164.23	22.3	333	0.1 U		2.6	
4/28/2020	XX	GW227XCC8	173	7.8	5.8	4.31	159.92	164.23		352	2.7		1.5	
7/21/2020	XX	GW227XCH1	182	8	12.9	5.05	159.18	164.23		219	2.7		2.2	
10/27/2020	XX	GW227XD25	184	7.9	10.9	4.45	159.78	164.23	22.31	314	5.3		2	
4/6/2021	XX	GW227XDB7	190	7.7	6	4.33	159.9	164.23		226	3.6		2.9	
7/13/2021	XX	GW227XDJ1	190	8.1	12.1	4.8	159.43	164.23		125	0.6		3.2	
10/5/2021	XX	GW227XE57	191	8.2	11.9	4.65	159.58	164.23		180	0.2		3.7	
4/26/2022	XX	GW227XEJ1	169	7.7	6.2	4.6	159.63	164.23		224	3.4		3.1	
7/19/2022	XX	GW227XF7H	174	7.7	13.1	5.9	158.33	164.23		129	0.6		3.2	
10/4/2022	XX	GW227XFH1	178	7.5	11.3	4.85	159.38	164.23	22.32	219	0.3		2	
MW-301														
4/22/2013	XX	GW301X5H7	!	!	!	!	!	166.36		!	!	!	!	
7/31/2013	XX	GW301X63C	209	6.3	16.9	0.04	165.87	165.91		367	0.4	60	6.2	
10/30/2013	XX	GW301X665	198	7	7.9	0.1	165.81	165.91	184.1	339	0.6	70	3.2	
4/23/2014	XX	GW301X6E8	197	6.2	9.3	F1	165.91	165.91		438	1	60	3.1	
7/30/2014	XX	GW301X6IF	201	7.7	14.3	F1	165.91	165.91		377	0.4	80	4.3	
10/22/2014	XX	GW301X725	299	6.2	10	0.3	165.61	165.91	184.1	397	0.6	75	0.9	
4/29/2015	XX	GW301X783	192	8.2	8.2	0.25	165.66	165.91		359	0.7		1.2	
7/15/2015	XX	GW301X7BF	217	8.1	16.6	0.2	165.71	165.91		338	0.5		0.9	
10/27/2015	XX	GW301X7H4	205	7.8	10.7	0.23	165.68	165.91	185.11	287	0.3		0.8	

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Field Parameters

(MW-301)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/6/2016	XX	GW301X85EX	F	F	F	F				F	F		F	
4/27/2016	XX	GW301X85E	210	8.4	8.8	0.3	165.61	165.91		234	0.3		0.4	
7/27/2016	XX	GW301X8A4	210	8.1	15.6	0.42	165.49	165.91		203	0.1		0.2	
10/26/2016	XX	GW301X8I3	218	8.3	8.1	0.38	165.53	165.91	185.11	334	0.6		4.5	
4/19/2017	XX	GW301X969	215	8.2	8.3	0.35	165.56	165.91		308	2.8		1.8	
7/26/2017	XX	GW301X9C7	224	7.9	15.2	0.3	165.61	165.91		287	0.3		2.1	
10/25/2017	XX	GW301X9G2	225	8.1	13.7	0.2	165.71	165.91	185.11	368	0.2		1.6	
4/4/2018	XX	GW301XA20	322	8.2	3.7	0.3	165.61	165.91		148	1.5		1.7	
7/18/2018	XX	GW301XAB2	244	7.8	14.3	F1				267	0.2		3.5	
10/1/2018	XX	GW301XB00	242	8	11.8	0.95	164.96	165.91	185.13	283	0.3		2.4	
4/24/2019	XX	GW301XB4G	242	8.2	6.3	0.35	165.56	165.91		388	0.3		1.7	
7/17/2019	XX	GW301XBB9	245	7.8	13.7	1.5	164.41	165.91		202	0.2		1.6	
10/28/2019	XX	GW301XBH2	248	8.1	10.2	F1		165.91	185.1	322	0.3		1.9	
4/27/2020	XX	GW301XCC9	228	7.8	7.1	0.31	165.6	165.91		301	0.2		2.4	
7/20/2020	XX	GW301XCH2	248	7.9	14.2	0.02	165.89	165.91		143	0.2		3.3	
10/26/2020	XX	GW301XD26	248	7.3	9.8	1.8	164.11	165.91	185.12	334	0.2		2.7	
4/5/2021	XX	GW301XDB8	255	7.4	7.4	0.5	165.41	165.91		249	0.3		2	
7/12/2021	XX	GW301XDJ0	239	8.2	13.8	0.77	165.14	165.91		127	0.1		3.6	
10/4/2021	XX	GW301XE58	259	8.1	12.6	0.9	165.01	165.91		95	0.2		1.5	
4/25/2022	XX	GW301XF00	219	7.9	9.6	0.15	165.76	165.91		96	0.3		2.8	
7/18/2022	XX	GW301XF71	238	7.8	15.3	1.5	164.41	165.91		41	0.1		2.3	
10/3/2022	XX	GW301XFHJ	242	7.3	12.2	3	162.91	165.91	185.11	92	0.2		2	
MW-302R														
4/22/2013	XX	GW302X5IC	205	6.7	7.7	7.15	199.71	206.86		299	4	180	2.5	
7/29/2013	XX	GW302X64H	350	6.5	11.8	8.39	198.47	206.86		546	5	80	0.4	
10/28/2013	XX	GW302X67A	341	6.5	10.9	14.15	192.71	206.86	32.22	374	2	180	1.3	
4/21/2014	XX	GW302X6FD	336	6.7	7.1	5.55	201.31	206.86		505	3	180	1	
7/28/2014	XX	GW302X6JJ	445	6.6	13.3	9.48	197.38	206.86		475	4	180	0.7	
10/20/2014	XX	GW302X73A	500	6.6	11.8	15.75	191.11	206.86	32.22	476	1	180	1.4	
4/27/2015	XX	GW302X797	270	6.7	7.1	5.25	201.61	206.86		381	6.7		0.6	
7/13/2015	XX	GW302X7CJ	367	6.7	12.1	9.82	197.04	206.86		322	6		1.3	
10/26/2015	XX	GW302X7I8	766	6.7	11.4	9.2	197.66	206.86	32.22	282	4.6		0.4	
4/4/2016	XX	GW302X86I	293	6.8	6	5.62	201.24	206.86		351	6.2		2.7	
7/25/2016	XX	GW302X8B8	300	6.9	12.4	15.63	191.23	206.86		367	6.1		0.9	
10/24/2016	XX	GW302X8J7	630	6.4	11.9	18.5	188.36	206.86	32.22	350	1.3		2.6	
4/17/2017	XX	GW302X97D	310	6.7	7.2	5.4	201.46	206.86		366	8.2		1.7	
7/24/2017	XX	GW302X9DB	347	6.5	11.7	15.51	191.35	206.86		357	5.6		5.5	
10/23/2017	XX	GW302X9H6	698	6.8	11.5	19.35	187.51	206.86	32.25	421	1.6		2.1	
4/2/2018	XX	GW302XA35	490	6.7	6.5	4.5	202.36	206.86		375	6.3		2	
7/16/2018	XX	GW302XAC6	354	6.4	11.6	15.78	191.08	206.86		345	6		3	
10/1/2018	XX	GW302XB14	851	6.7	11.1	19.6	187.26	206.86	32.23	311	1.7		2.4	
4/22/2019	XX	GW302XB61	181	6.7	6.7	4.53	202.33	206.86		400	9		2.7	
7/17/2019	XX	GW302XBCC	335	6.4	12	8.55	198.31	206.86		295	6.4		1.5	
10/28/2019	XX	GW302XBIF5	317	6.5	11.1	5.17	201.69	206.86	32.2	375	2.1		1.9	
4/27/2020	XX	GW302XCDC	269	5.7	6	6.97	199.89	206.86		367	7.8		0.8	
7/20/2020	XX	GW302XCIF5	399	7.1	12.8	15.95	190.91	206.86		289	5.3		1.9	
10/26/2020	XX	GW302XD39	562	6.6	9.7	13.8	193.06	206.86	32.27	361	2.2		1.7	
4/5/2021	XX	GW302XDCB	662	6	5.9	6.3	200.56	206.86		297	1.4		3.1	
7/12/2021	XX	GW302XE03	504	6.5	10.7	14.45	192.41	206.86		284	1.1		4.5	

(MW-302R)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/4/2021	XX	GW302XE6B	450	6.3	11.4	11.2	195.66	206.86		246	0.9		1.5	
4/25/2022	XX	GW302XF13	272	5.8	7.2	7.5	199.36	206.86		268	0.9		2.5	
7/18/2022	XX	GW302XF91	471	6.3	13.6	16.9	189.96	206.86		211	0.6		2.2	
10/3/2022	XX	GW302XFJ2	DE	DE	DE	DE	DE	206.86	DE	DE	DE		DE	

MW-303 & MW12-303R

4/22/2013	XX	GW303X5IG	254	6.7	9.4	25.63	183.26	208.89		311	2	110	2	
7/29/2013	XX	GW303X651	253	6.6	12.4	25.98	182.91	208.89		418	1	105	0.9	
10/28/2013	XX	GW303X67D	223	6.5	10.2	27.43	181.46	208.89	43.38	353	1	140	2.4	
4/21/2014	XX	GW303X6FH	274	6.6	9.5	24.35	184.54	208.89		401	1	120	0.6	
7/28/2014	XX	GW303X701	263	6.6	11.7	26.08	182.81	208.89		411	0.8	160	0.6	
10/20/2014	XX	GW303X73D	440	6.8	10.5	30.08	178.81	208.89	43.38	447	0.8	180	1	
4/27/2015	XX	GW303X799	874	6.1	8.7	25.4	183.49	208.89		407	5		0.5	
6/18/2015	XX	42173-1	564	6.4	12.6	26.3	182.59	208.89		158	1		4.2	
7/13/2015	XX	GW303X7D1	347	6.5	13.9	26.82	182.07	208.89		330	0.9		1.4	
10/26/2015	XX	GW303X71A	370	6.5	10.4	29.29	179.6	208.89	43.4	313	1.4		1.2	
4/4/2016	XX	GW303X870	411	6.4	6.7	24.55	184.34	208.89		378	7.5		1.7	
7/25/2016	XX	GW303X8BA	549	6.3	14.3	28.5	180.39	208.89		369	0.9		1.3	
10/24/2016	XX	GW303X8J9	681	6.3	12.2	32.5	176.39	208.89	43.4	389	5.5		17.2	
4/17/2017	XX	GW303X97F	466	6.4	10.2	26.6	182.29	208.89		382	7.7		1.8	
7/24/2017	XX	GW303X9DD	419	6.2	12.3	27.39	181.5	208.89		343	0.8		2.8	
10/23/2017	XX	GW303X9H8	414	6.8	12.9	31.95	176.94	208.89	43.4	375	2.3		37.5	
4/2/2018	XX	GW303XA37	1711	6	8.8	27.25	181.64	208.89		408	5.1		1.9	
7/16/2018	XX	GW303XAC8	501	6.2	14.4	28.3	180.59	208.89		333	0.9		1.8	
10/1/2018	XX	GW303XB16	408	6.6	11.3	32.08	176.81	208.89	43.4	272	1.4		12.5	
4/22/2019	XX	GW303XB63	485	6.2	9.1	27.75	181.14	208.89		418	5.8		7.6	
7/17/2019	XX	GW303XBCE	494	5.9	11.3	27	181.89	208.89		303	2.2		1.8	
10/28/2019	XX	GW303XB17	380	6.1	10.4	29.12	179.77	208.89	43.4	400	0.2		2.8	
4/27/2020	XX	GW303XCDE	409	6.1	8.7	28.6	180.29	208.89		361	1.9		3.6	
7/20/2020	XX	GW303XCI7	280	6.9	14.3	31.1	177.79	208.89		227	1.1		2.4	
10/26/2020	XX	GW303XD3B	577	6.2	8.9	33.4	175.49	208.89	43.4	390	1.3		2.5	
4/5/2021	XX	GW303XDCCD	442	5.7	8.8	30.3	178.59	208.89		354	4.6		2.3	
7/12/2021	XX	GW303XE05	531	6.2	13.7	31.6	177.29	208.89		318	4.5		3.6	
10/4/2021	XX	GW303XE6D	673	6.3	11.5	31.77	177.12	208.89		234	1.8		2	
4/25/2022	XX	GW303XF15	277	5.8	10.5	27.65	181.24	208.89		317	5.9		7.7	
7/18/2022	XX	GW303XF93	373	6.7	16.5	30.6	178.29	208.89		222	5		8.8	
10/3/2022	XX	GW303XFJ4	401	6.3	13.7	33.15	175.74	208.89	43.4	268	3.2		5	

MW-401A

4/22/2013	XX	GW401A5I1	123	7.9	7.8	2.9	153.93	156.83		233	5	45	1.4	
7/29/2013	XX	GW401A646	124	7.2	12.3	5.6	151.23	156.83		330	6	45	1.6	
10/28/2013	XX	GW401A66J	140	6.8	9.3	6.1	150.73	156.83	112.04	209	5	45	0.2	
4/21/2014	XX	GW401A6F2	131	7.9	8.4	1.14	155.69	156.83		396	6	55	1.1	
7/28/2014	XX	GW401A6J9	129	8.2	11.2	5.1	151.73	156.83		384	4	25	2.1	
10/20/2014	XX	GW401A730	118	6.6	9.5	7.15	149.68	156.83	112.04	370	5	25	0.4	
4/27/2015	XX	GW401A78H	131	8.3	7.2	1.6	155.23	156.83		217	7.3		0.4	
7/13/2015	XX	GW401A7C9	124	8	10.3	5.36	151.47	156.83		194	6.9		0.5	
10/26/2015	XX	GW401A7HI	118	7.8	9	4.8	152.03	156.83	112.03	208	7.1		0.2	
4/6/2016	XX	GW401A868X	F	F	F	F				F	F		F	
4/27/2016	XX	GW401A868	130	8.6	7.4	3.69	153.14	156.83		270	5.9		0.1	

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Field Parameters

(MW-401A)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/25/2016	XX	GW401A8AI	127	7.4	11.7	7.26	149.57	156.83		310	6.1		0.4	
10/24/2016	XX	GW401A8IH	127	7.6	9.2	8.5	148.33	156.83	112.2	182	5.8		0.2	
4/17/2017	XX	GW401A973	120	8.3	8.5	1.07	155.76	156.83		337	7.4		0.2	
7/24/2017	XX	GW401A9D1	126	7.9	9.2	7.15	149.68	156.83		317	7		0.5	
10/25/2017	XX	GW401A9GG	303	7	17.8	8.55	148.28	156.83	112.18	152	1.2		2	
4/2/2018	XX	GW401AA2F	134	8.3	6.6	1.36	155.47	156.83		459	3.1		0.6	
7/16/2018	XX	GW401AABG	140	8.3	11.6	6.9	149.93	156.83		365	5.5		0.5	
10/1/2018	XX	GW401AB0E	146	8.2	9.5	8.72	148.11	156.83	112.2	466	5.2		0.3	
4/22/2019	XX	GW401AB5B	130	8.4	7.6	1.91	154.92	156.83		289	6.8		0.2	
7/15/2019	XX	GW401ABC3	130	7.3	10.3	4.05	152.78	156.83		482	11.1		0.4	
10/28/2019	XX	GW401ABHG	140	7.6	9.3	2.21	154.62	156.83	112.21	243	4.9		0.5	
4/27/2020	XX	GW401ACD3	147	8.5	6.8	2.92	153.91	156.83		278	5.7		0.5	
7/20/2020	XX	GW401ACHG	121	7.5	11.1	6.98	149.85	156.83		252	5.3		0.2	
10/26/2020	XX	GW401AD30	122	7.6	8.9	6.27	150.56	156.83	112.03	435	5.7		0.3	
4/5/2021	XX	GW401ADC2	125	7.7	6.6	1.52	155.31	156.83		207	5.2		0.5	
7/12/2021	XX	GW401ADJE	124	6.6	11.1	6.11	150.72	156.83		329	5.3		0.3	
10/4/2021	XX	GW401AE62	128	7.6	10.6	3.41	153.42	156.83		240	4.6		0.2	
4/25/2022	XX	GW401AF0E	128	6.7	7.4	2.11	154.72	156.83		222	3.9		0.1	
7/18/2022	XX	GW401AF8C	132	7.7	10.3	7.35	149.48	156.83		189	4.2		0.2	
10/3/2022	XX	GW401AFID	134	7	9.4	6.6	150.23	156.83	111.96	332	4.9		0.1	
MW-401B														
4/22/2013	XX	GW401B5I2	262	6.8	6.9	6.7	150.62	157.32		234	0.8	90	1.1	
7/29/2013	XX	GW401B647	238	7.1	12.2	6.94	150.38	157.32		158	0.4	95	1.4	
10/28/2013	XX	GW401B670	376	6.5	10	7.2	150.12	157.32	23.11	172	0.6	100	0.3	
4/21/2014	XX	GW401B6F3	265	7	7.1	6.39	150.93	157.32		264	1	55	1.1	
7/28/2014	XX	GW401B6JA	324	6.9	11.3	6.92	150.4	157.32		173	0.3	30	2.4	
10/20/2014	XX	GW401B731	336	6.5	10.1	7.14	150.18	157.32	23.12	217	1	25	0.3	
4/27/2015	XX	GW401B78I	243	7.4	6.7	6.52	150.8	157.32		174	0.2		0.4	
7/13/2015	XX	GW401B7CA	318	7	8.7	7.31	150.01	157.32		166	0.1		0.9	
10/26/2015	XX	GW401B7HJ	335	6.8	10.1	6.97	150.35	157.32	23.1	190	0.1		0.1	
4/6/2016	XX	GW401B869	274	7.2	5.9	6.63	150.69	157.32		219	1.7		0.3	
7/25/2016	XX	GW401B8AJ	360	6.4	9.8	7.53	149.79	157.32		171	0.1		0.2	
10/24/2016	XX	GW401B8II	355	6.6	10.2	7.34	149.98	157.32	23.1	199	0.1		0.2	
4/17/2017	XX	GW401B974	265	6.8	7	6.33	150.99	157.32		222	0.5		0.2	
7/24/2017	XX	GW401B9D2	305	6.8	9.5	7.66	149.72	157.32		200	0.1		0.2	
10/25/2017	XX	GW401B9GH	375	6.8	12.3	8.25	149.07	157.32	23.14	119	1		6.7	
4/2/2018	XX	GW401BA2G	272	7.3	6.3	6.25	151.07	157.32		401	0.2		0.5	
7/16/2018	XX	GW401BABH	350	7.5	9.7	7.49	149.83	157.32		220	0.1		0.2	
10/1/2018	XX	GW401BB0F	363	7.2	10.4	7.9	149.42	157.32	23.14	417	0.1		0.2	
4/22/2019	XX	GW401BB5C	216	7.7	7.5	6.32	151	157.32		186	0.3		0.3	
7/15/2019	XX	GW401BBC4	267	7.2	9.2	6.76	150.56	157.32		216	3.7		0.6	
10/28/2019	XX	GW401BBHH	327	6.8	10	6.2	151.12	157.32	23.14	213	1.9		2.2	
4/27/2020	XX	GW401BCD4	246	7.7	5.9	6.68	150.64	157.32		196	0.2		1.2	
7/20/2020	XX	GW401BCHH	278	6.9	13.1	7.44	149.88	157.32		159	0.4		0.3	
10/26/2020	XX	GW401BD31	296	6.9	9.6	7.1	150.22	157.32	23.13	172	0.6		0.3	
4/5/2021	XX	GW401BDC3	268	6.7	6.2	6.5	150.82	157.32		126	0.2		0.2	
7/12/2021	XX	GW401BDJF	283	6.4	9.7	7.18	150.14	157.32		158	0.6		0.2	
10/4/2021	XX	GW401BE63	287	6.5	11.1	6.68	150.64	157.32		139	0.2		0.3	
4/25/2022	XX	GW401BF0F	270	6.6	6.7	6.63	150.69	157.32		213	0.2		0.1	

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 Field Parameters

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

(MW-401B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/18/2022	XX	GW401BF8D	281	6.4	9.9	8.03	149.29	157.32		169	0.2		0.5	
10/3/2022	XX	GW401BFIE	290	6.7	10.4	6.5	150.82	157.32	23.9	213	3.5		0.2	
MW-402A														
4/22/2013	XX	GW402A5I3	138	9.2	10.4	0.13	152.07	152.2		339	3	50	0.5	
7/31/2013	XX	GW402A648	125	8.3	14.4	0.05	152.15	152.2		139	5	25	0.6	
10/30/2013	XX	GW402A671	141	8.1	7.7	F1		152.2	108.35	348	5	30	0.3	
4/23/2014	XX	GW402A6F4	130	8.4	8.6	F1	152.2	152.2		390	2	45	0.2	
7/30/2014	XX	GW402A6JB	126	8.5	11.7	0.2	152	152.2		427	4	15	0.3	
10/22/2014	XX	GW402A732	58	8.6	8.3	0.25	151.95	152.2	108.3	370	4	30	0.4	
4/29/2015	XX	GW402A78J	137	8.5	6.9	0.15	152.05	152.2		272	4		0.8	
7/15/2015	XX	GW402A7CB	124	8.6	11.2	F1		152.2		306	3		0.4	
10/28/2015	XX	GW402A7I0	117	8.6	7.3	0.04	152.16	152.2	108.28	323	3.2		0.2	
4/6/2016	XX	GW402A86AX	F	F	F	F				F	F		F	
4/27/2016	XX	GW402A86A	129	8.8	7.2	F1		152.2		240	2.9		0.2	
7/27/2016	XX	GW402A8B0	128	8.6	12.4	0.08	152.12	152.2		248	2.9		0.3	
10/26/2016	XX	GW402A8IJ	126	8.3	8.2	0.46	151.74	152.2	108.28	245	4.5		0.4	
4/19/2017	XX	GW402A975	120	8.7	6.9	0.06	152.14	152.2		283	3.5		0.5	
7/26/2017	XX	GW402A9D3	122	8.4	10.2	0.05	152.15	152.2		321	2.7		0.4	
10/26/2017	XX	GW402A9GI	122	8.1	11	0.05	152.15	152.2	108.28	365	2.8		0.6	
4/4/2018	XX	GW402AA2H	130	8.6	6.1	0.02	152.18	152.2		460	5.2		0.3	
7/18/2018	XX	GW402AABI	136	8.5	11.9	0.23	151.97	152.2		407	2.6		0.3	
10/3/2018	XX	GW402AB0G	136	8.6	9.7	0.45	151.75	152.2	108.3	427	2.7		0.2	
4/24/2019	XX	GW402AB5D	122	8.5	6	0.06	152.14	152.2		344	3.5		0.2	
7/17/2019	XX	GW402ABC5	124	7.9	12.7	F1		152.2		339	6.1		2.1	
10/30/2019	XX	GW402ABHI	128	8.1	9.5	0.05	152.15	152.2	108.35	220	3.3		0.4	
4/29/2020	XX	GW402ACD5	134	8.3	7.5	F1		152.2		264	3.2		0.8	
7/22/2020	XX	GW402ACHI	111	8.5	10.6	0.04	152.16	152.2		319	3.4		0.5	
10/28/2020	XX	GW402AD32	112	8.5	6.7	F1		152.2	108.55	333	3.2		0.3	
4/7/2021	XX	GW402ADC4	114	7.9	7.7	F1		152.2		384	3.3		0.1	
7/14/2021	XX	GW402ADJG	112	8.1	10.5	0.05	152.15	152.2		243	3		0.4	
10/4/2021	XX	GW402AE64	118	7.6	11.9	0.06	152.14	152.2		181	1.8		0.3	
4/25/2022	XX	GW402AF0G	113	7.8	9.6	2.08	150.12	152.2		216	2.3		0.3	
7/20/2022	XX	GW402AF8E	113	7.6	11.9	F1		152.2		311	3.9		0.6	
10/3/2022	XX	GW402AFIF	113	7.1	9.7	0.66	151.54	152.2	108.39	263	9.2		0.3	
MW-402B														
4/22/2013	XX	GW402B5I4	152	9.2	7.3	3	149.74	152.74		242	0.3	60	0.9	
7/31/2013	XX	GW402B649	147	8.2	11.6	3.92	148.82	152.74		76	0.3	40	0.4	
10/30/2013	XX	GW402B672	174	8.7	9	3.8	148.94	152.74	25.18	195	0.3	35	0.3	
4/23/2014	XX	GW402B6F5	160	8.3	6.9	2.62	150.12	152.74		297	0.6	45	0.3	
7/30/2014	XX	GW402B6JC	152	8.6	11	3.71	149.03	152.74		307	1	15	0.2	
10/22/2014	XX	GW402B733	147	8.7	9.6	3.87	148.87	152.74	25.13	321	1	35	0.3	
4/29/2015	XX	GW402B790	155	8.7	6.1	2.8	149.94	152.74		253	0.6		0.4	
7/15/2015	XX	GW402B7CC	147	8.5	8.9	4.38	148.36	152.74		323	0.1		0.1	
10/28/2015	XX	GW402B7I1	142	8.6	8.8	3.25	149.49	152.74	25.16	351	0.1		0.2	
4/6/2016	XX	GW402B86BX	F	F	F	F				F	F		F	
4/27/2016	XX	GW402B86B	152	8.9	6.9	3.01	149.73	152.74		226	0.1		0.2	
7/27/2016	XX	GW402B8B1	150	8.4	10.8	4.93	147.81	152.74		214	0.2		0.3	
10/26/2016	XX	GW402B8J0	150	8.3	9.3	5.21	147.53	152.74	25.15	245	0.3		0.1	

SUMMARY REPORT

Field Parameters

(MW-402B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/19/2017	XX	GW402B976	141	8.8	6.4	2.8	149.94	152.74		241	0.1		0.2	
7/26/2017	XX	GW402B9D4	145	8.2	9.6	4.98	147.76	152.74		334	0.1		0.2	
10/26/2017	XX	GW402B9GJ	147	7.9	10.8	4.58	148.16	152.74	25.16	380	0.1		0.3	
4/4/2018	XX	GW402BA2I	152	8.4	5.9	2.45	150.29	152.74		467	6.8		0.3	
7/18/2018	XX	GW402BABJ	160	8.5	10	4.62	148.12	152.74		377	0.1		0.3	
10/3/2018	XX	GW402BB0H	162	8.7	10.1	5.82	146.92	152.74	25.16	415	0.1		0.1	
4/24/2019	XX	GW402BB5E	143	8.9	5.2	2.44	150.3	152.74		265	0.1		0.3	
7/17/2019	XX	GW402BBC6	143	8.3	10.6	3.72	149.02	152.74		319	3.2		1.2	
10/30/2019	XX	GW402BBHJ	151	8.1	9.9	2.65	150.09	152.74	25.14	208	1.2		0.2	
4/29/2020	XX	GW402BCD6	157	8.3	6.4	2.71	150.03	152.74		232	0.3		0.5	
7/22/2020	XX	GW402BCHJ	130	8	8.9	4.68	148.06	152.74		360	0.4		0.3	
10/28/2020	XX	GW402BD33	131	8.6	8.7	3.92	148.82	152.74	25.2	331	0.4		0.5	
4/7/2021	XX	GW402BDC5	132	8.3	7.3	2.65	150.09	152.74		276	0.2		0.7	
7/14/2021	XX	GW402BDJH	130	8.2	9.9	3.75	148.99	152.74		185	0.5		0.2	
10/4/2021	XX	GW402BE65	132	7.5	11.4	3.15	149.59	152.74		128	0.2		0.3	
4/25/2022	XX	GW402BF0H	130	7.8	7.8	2.6	150.14	152.74		191	0.2		0.1	
7/20/2022	XX	GW402BF8F	158	7.9	9.4	4.49	148.25	152.74		233	0.2		0.5	
10/3/2022	XX	GW402BFIG	131	7.6	10.7	4.2	148.54	152.74	25.15	251	1.5		0.2	
MW-501														
4/5/2018	XX	GW501XA6I	204	8.1	6.5	F1		166.19	47.6	472	4.1		0.4	
6/4/2018	XX	GW501XA7F	202	7.2	8.2	F1		166.19		346	8		1	
7/19/2018	XX	GW501XAE D	235	8.8	9	F1		166.19		553	6.7		3.2	
8/20/2018	XX	GW501XAFE	255	6.7	9.2	F1		166.19		327	7		3.9	
4/24/2019	XX	GW501XB7C	297	6.7	8	F1		166.19		383	6.3		0.2	
7/17/2019	XX	GW501XBE0	176	7.8	13.3	F1		166.19		200	13.3		0.4	
10/30/2019	XX	GW501XBJ9	367	6.9	9	F1		166.19	47.6	208	4.7		0.1	
4/29/2020	XX	GW501XCF0	157	7.6	8.2	F1		166.19		386	7.7		0.2	
7/22/2020	XX	GW501XCJD	310	6	15.5	F1		166.19		331	4		0.3	
10/28/2020	XX	GW501XD4D	295	7.6	8.6	F1		166.19	47.6	367	0.9		0.2	
4/7/2021	XX	GW501XDDH	229	6.7	8.6	F1		166.19		390	2.7		0.4	
7/14/2021	XX	GW501XE18	242	7.3	11.1	F1		166.19		327	4.3		0.2	
10/6/2021	XX	GW501XE8A	192	7	10.9	F1		166.19		304	5.2		0.1	
4/27/2022	XX	GW501XF2G	231	7	8.1	F1		166.19		411	2.8		0.1	
7/20/2022	XX	GW501XFA6	212	7	8.7	F1		166.19		329	3.9		0.2	
10/5/2022	XX	GW501XG0F	221	6.9	12.6	F1		166.19	47.6	366	2.3		0.3	
MW-502														
2/26/2020	XX	GW502XC55	280	8.4	7.5	F1			46.38	249	3.7		1.2	
4/30/2020	XX	GW502XCBJ	312	8.2	7.2	F1				309	5.8		0.8	
6/23/2020	XX	GW502XCGB	389	7.9	18.2	F1				342	3.6		0.2	
8/20/2020	XX	GW502XD1I	316	7.9	18.7	0.07				390	2.7		0.2	
7/14/2021	XX	GW502XE23	315	7.5	14.1	0.9				319	2		0.2	
10/7/2021	XX	GW502XE8B	343	7.4	13.9	0.15				251	2.1		0.5	
4/27/2022	XX	GW502XF2H	256	7.3	9.1	F1				404	3.3		0.1	
7/20/2022	XX	GW502XFAI	331	7.4	12.7	0.04				279	2.1		0.7	
10/5/2022	XX	GW502XG0G	351	7.5	10.8	0.47			46.38	334	1.7		0.3	
MW-503														
2/9/2021	XX	GW503XD9A	207	7.9	6.5	F1			73.02	312	5.3		1.1	
4/8/2021	XX	GW503XDA9	204	7.5	8.4	F1				368	2.3		0.6	

(MW-503)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
6/8/2021	XX	GW503XDGC	198	7.4	12.3	F1				312	2.2		0.5	
8/19/2021	XX	GW503XE46	196	6.6	10.1	F1				398	1.6		0.2	
10/7/2021	XX	GW503XE96	138	7.4	12	F1				233	2.7		0.3	
4/27/2022	XX	GW503XF3B	205	7.5	9.6	F1				369	3.6		0.2	
7/20/2022	XX	GW503XFB5	224	7.6	10.4	F1				278	1.2		1	
10/5/2022	XX	GW503XG1A	217	7.4	9.1	F1			73.02	339	1.7		0.2	

MW-504														
2/9/2021	XX	GW504XD9B	124	8.4	5.9	18.15	157.459	175.609	84.38	337	7.3		2.5	
4/7/2021	XX	GW504XDAA	139	8.3	8.3	18	157.609	175.609		179	6.2		3.9	
6/9/2021	XX	GW504XDGD	108	7.6	11.2	18.64	156.969	175.609		239	7		3.1	
8/19/2021	XX	GW504XE47	103	7.7	12.1	18.93	156.679	175.609		288	2.8		0.6	
10/7/2021	XX	GW504XE97	123	7.7	14.6	18.35	157.259	175.609		156	4.9		0.8	
4/27/2022	XX	GW504XF3C	104	8	9.4	25.1	150.509	175.609		223	7.3		3.8	
7/21/2022	XX	GW504XFB6	!	!	!	!	!	175.609		!	!		!	
10/5/2022	XX	GW504XG1B	106	7.4	10.4	26.5	149.109	175.609	84.38	339	3		3.7	

MW-505														
2/10/2021	XX	GW505XD9C	329	7.9	5.1	13.14	186.876	200.016	84.8	25	2.2		4.5	
4/8/2021	XX	GW505XDAB	311	7.6	8.4	11.78	188.236	200.016		55	2		0.9	
6/9/2021	XX	GW505XDGE	261	7.1	11.2	14.87	185.146	200.016		51	0.9		1.1	
8/18/2021	XX	GW505XE48	244	7.6	11.4	16.38	183.636	200.016		346	1.3		0.7	
10/7/2021	XX	GW505XE98	269	7.8	13.1	13.25	186.766	200.016		33	1.3		0.5	
4/27/2022	XX	GW505XF3D	242	7.7	7.7	11.78	188.236	200.016		88	0.3		0.3	
7/21/2022	XX	GW505XFB7	242	6.9	13.3	18.53	181.486	200.016		283	0.7		6.4	
10/5/2022	XX	GW505XG1C	212	7.4	9.8	17.45	182.566	200.016	84.8	182	0.4		0.6	

MW-506														
2/18/2021	XX	GW506XD9D	837	8.8	5.1	27.35	171.408	198.758	64.75	234	2.6		7.5	
4/8/2021	XX	GW506XDAC	667	8.1	10.2	25.5	173.258	198.758		254	3.4		6.7	
6/8/2021	XX	GW506XDGF	F16	F16	F16	28.38	170.378	198.758		F16	F16		F16	
7/14/2021	XX	GW506XE38	778	7.6	14.1	27.6	171.158	198.758		75	2		2.7	
9/1/2021	XX	GW506XE49	660	7.2	16.8	29.27	169.488	198.758		42	0.9		0.8	
10/7/2021	XX	GW506XE99	783	7.4	12.4	26.83	171.928	198.758		49	1.9		3.5	
4/27/2022	XX	GW506XF3E	499	7.5	8.6	26	172.758	198.758		28	1.5		15.2	
7/18/2022	XX	GW506XFB8	551	8.1	11	31.1	167.658	198.758		71	3.1		10.5	
10/5/2022	XX	GW506XG1D	496	7.5	8	29	169.758	198.758	64.75	103	4.7		8.6	

MW-507														
4/5/2018	XX	GW507XA6J	221	7.7	4.1	2.2	174.63	176.83		299	6.3		0.9	
6/5/2018	XX	GW507XA7G	219	7.8	8.2	4.35	172.48	176.83		267	6.3		1.6	
7/18/2018	XX	GW507XAE	249	7.2	11.5	5.85	170.98	176.83		298	4.6		3.5	
8/20/2018	XX	GW507XAFF	270	7.1	13.9	7.52	169.31	176.83		267	3.1		4.7	
7/14/2021	XX	GW507XE24	318	6.9	11.8	3.7	173.13	176.83		252	3.8		3.9	
10/7/2021	XX	GW507XE8C	221	6.7	12	3	173.83	176.83		297	4.5		6.1	
4/27/2022	XX	GW507XF2I	90	6.8	7.4	2.14	174.69	176.83		427	6.2		0.3	
7/20/2022	XX	GW507XFAJ	272	6.7	12.3	6.32	170.51	176.83		230	3.5		2.6	
10/5/2022	XX	GW507XG0H	324	6.6	11.8	4.85	171.98	176.83	35	261	2		2.4	

OW-06-03														
4/10/2018	XX	GWXXXXA73	193	5.6	8.7	24.32	181.72	206.04	25.81	401	6		2.7	

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(OW-06-03)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
6/5/2018	XX	GWXXXXA80												
7/19/2018	XX	GWXXXXAEI												
8/21/2018	XX	GWXXXXAFH												
4/23/2019	XX	GWXXXXB7B	409	6	6.2	20.5	185.54	206.04		358	3		8.2	
7/18/2019	XX	GWXXXXBDJ						206.04						
10/29/2019	XX	GWXXXXBJA	448	6.4	10.3	23.13	182.91	206.04	25.81	176	0.9		10.2	
4/29/2020	XX	GWXXXXCEJ	641	6.1	8.7	25.5	180.54	206.04		140	2.3		43.8	
7/20/2020	XX	GWXXXXCJC						206.04						
10/28/2020	XX	GWXXXXD4E	778	6.3	7	25.02	181.02	206.04	25.81	200	1.3		11.7	
4/7/2021	XX	GWXXXXDDG	497	5.9	10.4	22.8	183.24	206.04		87	0.9		2.9	
7/14/2021	XX	GWXXXXE17	626	6	15.3	23.5	182.54	206.04		144	1.5		8.6	
10/6/2021	XX	GWXXXXE7F	1035	6	16.4	25.12	180.92	206.04		123	0.5		3.4	
4/28/2022	XX	GWXXXXF25	292	5.9	7.7	25.3	180.74	206.04		158	2		8.9	
7/20/2022	XX	GWXXXXFA5				24.15	181.89	206.04						
10/6/2022	XX	GWXXXXG04	758	5.9	13.4	24.92	181.12	206.04	25.8	103	1.6		4.7	
OW-601A														
4/11/2018	XX	GW601AA69	336	7.2	8.2	35.62	182.32	217.94	79.02	223	7.9		1355	
6/6/2018	XX	GW601AA76	324	7.4	9.2	35.6	182.34	217.94		276	2.7		38.1	
7/19/2018	XX	GW601AAE4	364	7.1	14.1	37.4	180.54	217.94		187	4.6		3.3	
8/22/2018	XX	GW601AAF5	379	7.2	14.2	39.1	178.84	217.94		273	1.5		3.3	
4/24/2019	XX	GW601AB76	410	7.2	6.4	36.6	181.34	217.94		402	0.9		1.7	
7/18/2019	XX	GW601ABB6	409	7.1	13.3	36.2	181.74	217.94		291	2		1.7	
10/30/2019	XX	GW601ABJB	378	7	11.3	38.25	179.69	217.94	79.02	314	6.4		2	
4/29/2020	XX	GW601ACC6	311	5.9	10.4	37.9	180.04	217.94		378	2.6		6.9	
7/22/2020	XX	GW601ACGJ	369	6.7	11.6	40.35	177.59	217.94		290	2.6		8.9	
10/28/2020	XX	GW601AD4F	415	7.1	8.4	42.6	175.34	217.94	79.02	291	1.8		10.6	
4/7/2021	XX	GW601ADB5	418	7	9.2	39.4	178.54	217.94		186	1.6		4	
7/12/2021	XX	GW601ADIH	398	7.7	11.7	40.75	177.19	217.94		172	2.1		6.5	
10/5/2021	XX	GW601AE7G	434	7.3	12.7	41	176.94	217.94		164	2.3		1.8	
4/29/2022	XX	GW601AF26	362	6.6	8.8	36.75	181.19	217.94		236	1.5		2.7	
7/21/2022	XX	GW601AF7F	420	6.7	17.7	39.85	178.09	217.94		176	1.7		1.5	
10/6/2022	XX	GW601AG05	426	6.6	9.9	42.35	175.59	217.94	79.02	241	2.7		2	
OW-601B														
4/11/2018	XX	GW601BA6A	371	6.4	8.6	35.55	181.95	217.5	59.2	361	4.4		2.5	
6/6/2018	XX	GW601BA77	323	6.5	9.1	35.6	181.9	217.5		287	1.4		3	
7/19/2018	XX	GW601BAE5	339	6.2	12.6	37.55	179.95	217.5		370	3.1		2.5	
8/22/2018	XX	GW601BAF6	386	6.2	14.7	39.08	178.42	217.5		340	4.3		5	
4/23/2019	XX	GW601BB77	358	6.5	7.7	36.58	180.92	217.5		406	2.5		1	
7/18/2019	XX	GW601BBDJ	351	6.2	11	36.16	181.34	217.5		259	2.1		5.7	
10/30/2019	XX	GW601BBJC	369	6.7	10.4	38.3	179.2	217.5	59.19	328	3		6.3	
4/29/2020	XX	GW601BCEF	312	5.9	9.9	37.85	179.65	217.5		381	2.9		7.6	
7/22/2020	XX	GW601BCJ8	342	6.5	11.5	40.27	177.23	217.5		297	5.5		3.5	
10/28/2020	XX	GW601BD4G	403	6.5	8.3	42.55	174.95	217.5	59.2	341	3.2		2.4	
4/7/2021	XX	GW601BDCC	358	6.2	11.3	39.42	178.08	217.5		253	2.8		1.2	
7/12/2021	XX	GW601BE13	341	6.8	13.8	40.7	176.8	217.5		251	3.2		4.3	
10/5/2021	XX	GW601BE7H	377	6.5	11.8	40.8	176.7	217.5		222	3		1.4	
4/29/2022	XX	GW601BF27	296	5.9	8.1	36.8	180.7	217.5		293	2.5		2.3	
7/21/2022	XX	GW601BFA1	336	6.2	13.7	39.8	177.7	217.5		220	2.9		2.1	

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(OW-601B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/6/2022	XX	GW601BG06	391	6	11	42.3	175.2	217.5	59.2	293	3.3		1.2	
OW-602A														
4/11/2018	XX	GW602AA6B	144	7.3	8.1	29.92	183.25	213.17	240	345	9.8		0.5	
6/6/2018	XX	GW602AA78	143	7.2	7.9	31.5	181.67	213.17		335	12.9		2	
7/19/2018	XX	GW602AAE6	143	8.2	8.6	33.85	179.32	213.17		467	10.3		2.2	
8/21/2018	XX	GW602AAF7	143	6.7	17.5	35.25	177.92	213.17		301	7.5		3.7	
4/24/2019	XX	GW602AB78	93	7.1	7.2	34.45	178.72	213.17		391	10		0.9	
7/18/2019	XX	GW602ABDG	110	6.8	8.7	34.75	178.42	213.17		308	11.2		1.6	
10/29/2019	XX	GW602ABJD	120	7.1	9.2	35.8	177.37	213.17	239.4	324	8.2		0.7	
4/29/2020	XX	GW602ACEG	128	6.8	9.8	35.72	177.45	213.17		333	8.3		0.5	
7/22/2020	XX	GW602ACJ9	152	7.1	9.8	38	175.17	213.17		308	8.2		1.2	
10/28/2020	XX	GW602AD4H	171	7	6.5	39.9	173.27	213.17	239.4	306	7		2.4	
4/7/2021	XX	GW602ADDD	253	6.7	8.8	37.7	175.47	213.17		184	2.7		0.9	
7/12/2021	XX	GW602AE14	255	7.4	11.4	38.8	174.37	213.17		210	2.6		1.5	
10/6/2021	XX	GW602AE71	336	6.5	10.8	38.7	174.47	213.17		212	1		1.3	
4/29/2022	XX	GW602AF28	312	6.2	5.2	35.4	177.77	213.17		270	2.9		2.7	
7/21/2022	XX	GW602AFA2	313	6.5	9.8	38	175.17	213.17		183	0.8		1.4	
10/6/2022	XX	GW602AG07	328	6.2	9.2	39.8	173.37	213.17	50	247	1.1		1.1	
OW-603B														
4/12/2018	XX	GW603BA6C	302	5.7	7.7	20.44	187.63	208.07	28.84	415	0.3		7.2	
6/5/2018	XX	GW603BA79	211	5.9	8.3	22.8	185.27	208.07		393	3.7		2.2	
7/19/2018	XX	GW603BAE7	223	7.1	19.7	24.65	183.42	208.07		402	1.2		430	
8/21/2018	XX	GW603BAF8	136	6.1	16	25.6	182.47	208.07		315	5		11.3	
4/23/2019	XX	GW603BB79	122	6.4	6.3	26.9	181.17	208.07		409	5.8		22.1	
7/18/2019	XX	GW603BBDH	136	6.2	12.3	25.4	182.67	208.07		304	7.5		9.3	
10/29/2019	XX	GW603BBJE	185	6.5	10.2	26.56	181.51	208.07	28.84	400	0.1		32.6	
4/29/2020	XX	GW603BCEH	130	6.3	7.9	25.95	182.12	208.07		358	7.2		13.3	
7/22/2020	XX	GW603BCJA	I	I	I	I	I	208.07		I	I		I	
10/28/2020	XX	GW603BD4I	I	I	I	28.7	179.37	208.07	28.84	I	I		I	
4/7/2021	XX	GW603BDDE	D	D	D	28.75	179.32	208.07		D	D		D	
7/13/2021	XX	GW603BE15	D	D	D	D	D	208.07		D	D		D	
10/6/2021	XX	GW603BE7J	D	D	D	D	D	208.07		D	D		D	
4/28/2022	XX	GW603BF29	D	D	D	28.7	179.37	208.07		D	D		D	
7/21/2022	XX	GW603BFA3	D	D	D	D	D	208.07		D	D		D	
10/6/2022	XX	GW603BG08	D	D	D	D	D	208.07	28.82	D	D		D	
OW-604A														
4/12/2018	XX	GW604AA6D	89	6	7.1	14.3	184.5	198.8	33.8	416	1.6		3.1	
6/4/2018	XX	GW604AA7A	78	6.3	8.1	18.5	180.3	198.8		397	7.5		1.2	
7/19/2018	XX	GW604AAE8	89	7.8	14.5	20.55	178.25	198.8		548	6		3.2	
8/21/2018	XX	GW604AAF9	125	6.3	16.9	23.07	175.73	198.8		334	5.4		3.7	
4/23/2019	XX	GW604AB7A	119	6.4	6.2	20.99	177.81	198.8		429	5.2		2	
7/18/2019	XX	GW604ABDI	124	6.1	14.1	19.85	178.95	198.8		293	3.2		5.8	
10/29/2019	XX	GW604ABJF	120	6.3	11	19.74	179.06	198.8	33.8	417	0.1 U		3.7	
4/29/2020	XX	GW604ACEI	155	6.1	6.9	19.77	179.03	198.8		389	6.3		1.3	
7/21/2020	XX	GW604ACJB	160	6.3	16.6	23.75	175.05	198.8		310	4.2		2.3	
10/28/2020	XX	GW604AD4J	159	7.2	7.4	25.9	172.9	198.8	33.71	369	5.6		10.9	
4/7/2021	XX	GW604ADDF	193	6.2	11	24.5	174.3	198.8		260	6.9		1.2	
7/14/2021	XX	GW604AE16	219	6.3	12.8	25.45	173.35	198.8		284	4.8		2	

(OW-604A)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
10/6/2021	XX	GW604AE80	233	6.6	14.1	24.85	173.95	198.8		234	4.7		2.1	
4/28/2022	XX	GW604AF2A	233	6	7.4	21.6	177.2	198.8		296	3.7		4.3	
7/21/2022	XX	GW604AFA4	272	5.9	16.7	25	173.8	198.8		265	3		2	
10/6/2022	XX	GW604AG09	280	6.2	13.5	25.65	173.15	198.8	36.8	260	3.6		1.9	

OW-605A														
4/10/2018	XX	GW605AA6E	194	7.4	7.7	24.55	162.21	186.76	260	230	7.1		8.9	
6/5/2018	XX	GW605AA7B	152	7.7	8.6	24.8	161.96	186.76		240	7.5		5	
7/19/2018	XX	GW605AAE9	151	7.3	14.4	25.07	161.69	186.76		286	6.9		7.4	
8/21/2018	XX	GW605AAFA	147	7.3	12.7	25.25	161.51	186.76		272	7.1		6.6	
7/14/2021	XX	GW605AE25	134	7.4	12.4	23.45	163.31	186.76		232	2.4		0.5	
10/7/2021	XX	GW605AE8G	193	6.8	11.5	23.22	163.54	186.76		246	1.4		0.8	
4/28/2022	XX	GW605AF31	218	6.8	7.5	21.5	165.26	186.76		397	1.7		0.2	
7/21/2022	XX	GW605AFB0	235	6.4	13.2	22.3	164.46	186.76		334	1.3		5.8	
10/6/2022	XX	GW605AG10	237	7.1	10	22.33	164.43	186.76	155	378	1.8		0.6	

OW-606A														
4/3/2018	XX	GW606AA6F	427	8.2	5.5	F1			240	372	3.8		0.4	
6/4/2018	XX	GW606AA7C	339	8.4	7.9	F1				301	4.6		0.9	
7/19/2018	XX	GW606AAEA	353	8	10.2	F1				259	4		2.5	
8/21/2018	XX	GW606AAFB	353	8.1	10	F1				248	4.3		3.1	
7/14/2021	XX	GW606AE06	290	7.7	11.1	F1				336	4.2		0.3	
10/7/2021	XX	GW606AE8H	287	7.7	13	F1				254	3.3		0.3	
4/28/2022	XX	GW606AF32	296	7.6	7.8	F1				395	3.3		0.2	
7/20/2022	XX	GW606AF94	291	7.8	9.1	F1				295	3.3		0.5	
10/6/2022	XX	GW606AG11	167	7.4	11.9	3.95	155.67	159.62	60	384	3		1.2	

OW-606B														
2/9/2021	XX	GW606BD9E	F	F	F	3.03 F	162.846	165.876	17	F	F		F	
4/8/2021	XX	GW606BDAD	234	7.1	5.5	3.08	162.796	165.876		253	3.3		9.2	
6/8/2021	XX	GW606BDGG	176	7.1	11.5	4	161.876	165.876		329	3.1		3.6	
7/14/2021	XX	GW606BE37	155	7.3	14.6	3.42	162.456	165.876		352	3.9		0.8	
8/18/2021	XX	GW606BE4A	165	7.7	17.1	4.29	161.586	165.876		333	2.4		0.5	
10/7/2021	XX	GW606BE8I	162	7.2	12.2	3.14	162.736	165.876		162	3		0.5	
4/28/2022	XX	GW606BF33	240	6.9	9.7	3.3	162.576	165.876		350	1.2		0.4	
7/20/2022	XX	GW606BFB9	157	7.4	13.3	3.72	162.156	165.876		329	3.9		7.1	
10/6/2022	XX	GW606BG12	291	7.7	8.7	F1		165.876	17	362	1.9		0.3	

OW-607B														
2/9/2021	XX	GW607BD9F	142	7.8	4.9	10.12	165.057	175.177	54	322	2.9		2.5	
4/7/2021	XX	GW607BD9E	172	7.8	8.8	8.2	166.977	175.177		105	0.5		1.8	
6/9/2021	XX	GW607BDGH	160	7.2	11.5	10.7	164.477	175.177		249	2		1.1	
8/19/2021	XX	GW607BE4B	138	7.6	12.7	12.1	163.077	175.177		202	1.2		0.3	
10/7/2021	XX	GW607BE8J	129	7.1	17.1	10.25	164.927	175.177		225	3.3		0.5	
4/28/2022	XX	GW607BF34	143	7.2	6.4	16.4	158.777	175.177		191	2.9		14.5	
7/20/2022	XX	GW607BFBA	161	7.6	22.5	20.8	154.377	175.177		86	1.1		12.1	
10/6/2022	XX	GW607BG13	142	7.3	9.9	20.32	154.857	175.177	60.75	349	0.9		2.1	

OW-608A														
4/4/2018	XX	GW608AA6G	197	8.4	7.5	35.72	160.89	196.61	260	320	2.7		5.1	
6/4/2018	XX	GW608AA7D	200	8.4	8.3	36.5	160.11	196.61		5	0.3		10	

(OW-608A)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/18/2018	XX	GW608AAEB	205	8	11	36.8	159.81	196.61		42	0.3		10.3	
8/20/2018	XX	GW608AAFC	176	8.6	15.5	37.17	159.44	196.61		247	6.4		10	
7/15/2021	XX	GW608AE26	205	8.2	11.4	37.45	159.16	196.61		36	0.4		5.2	
10/6/2021	XX	GW608AE90	127	7.8	13.2	37.46	159.15	196.61		65	0.4		1.2	
4/28/2022	XX	GW608AF35	169	7.8	8.3	37.1	159.51	196.61		9	0.2		9.6	
7/20/2022	XX	GW608AFB1	188	8.3	13.8	38	158.61	196.61		29	0.5		12.5	
10/5/2022	XX	GW608AG14	196	7.9	15	37.8	158.81	196.61	260	60	0.5		9.5	

OW-608B														
2/10/2021	XX	GW608BD9G	228	8.1	5.6	5.15	196.254	201.404	46.09	222	1.4		3.2	
4/8/2021	XX	GW608BDAF	272	8.4	7.5	4.35	197.054	201.404		45	0.2		2.6	
6/8/2021	XX	GW608BDGI	258	7.6	13.2	6.53	194.874	201.404		54	0.5		2.1	
8/17/2021	XX	GW608BE4C	244	7.7	13.1	7.53	193.874	201.404		284	0.9		0.8	
10/6/2021	XX	GW608BE91	232	6.8	14.5	6.15	195.254	201.404		199	1		1.5	
4/28/2022	XX	GW608BF36	219	7.9	7.7	6.27	195.134	201.404		124	0.5		5.1	
7/20/2022	XX	GW608BFBB	264	8.2	15.5	9	192.404	201.404		12	0.3		3.5	
10/5/2022	XX	GW608BG15	251	8.1	12.9	8.3	193.104	201.404	46.09	34	0.2		4.5	

OW-609B														
2/10/2021	XX	GW609BD9H	380	7.7	6.2	14.46	198.467	212.927	51.61	315	7		3.3	
4/8/2021	XX	GW609BDAG	271	7.4	8	6.3	206.627	212.927		272	3.2		32.4	
6/8/2021	XX	GW609BDGJ	477	6.8	12	16.01	196.917	212.927		228	0.5		12.5	
8/17/2021	XX	GW609BE4D	418	7.6	11.8	18.23	194.697	212.927		225	0.8		1.2	
10/7/2021	XX	GW609BE92	468	7.6	9.8	16	196.927	212.927		105	0.3		4.9	
4/28/2022	XX	GW609BF37	226	6.9	7.6	12.8	200.127	212.927		206	1		11.5	
7/18/2022	XX	GW609BFBC	334	7.6	12.5	18.65	194.277	212.927		131	0.4		3.8	
10/5/2022	XX	GW609BG16	318	7.8	8.8	16.15	196.777	212.927	51.61	71	0.4		2.7	

OW-611A														
4/4/2018	XX	GW611AA6H	502	7.1	7	8.45	176.7	185.15	220	366	5.1		0.4	
6/5/2018	XX	GW611AA7E	393	7.2	8.7	9.9	175.25	185.15		363	5.6		2	
7/18/2018	XX	GW611AAEC	405	7	12.5	10.5	174.65	185.15		305	4.5		3.3	
8/20/2018	XX	GW611AAF0	400	7	13.4	11.03	174.12	185.15		243	3.6		5.5	
7/14/2021	XX	GW611AE27	496	7	10.2	8.7	176.45	185.15		248	3.7		4.1	
10/7/2021	XX	GW611AE93	473	6.8	10.9	8.3	176.85	185.15		272	3.5		3.2	
4/27/2022	XX	GW611AF38	370	6.8	8.3	7.54	177.61	185.15		227	4.2		3.4	
7/20/2022	XX	GW611AFB2	416	6.6	12.4	10.35	174.8	185.15		253	3.7		2.5	
10/6/2022	XX	GW611AG17	378	6.9	9.8	9.67	175.48	185.15	220	388	2		0.5	

P-04-02														
4/22/2013	XX	GWXXXX5II	!	!	!	!		168.74		!	!	!	!	

P-04-02R														
7/15/2015	XX	GWXXXX7DJ	284	7.9	13.6	12.01	158.71	170.72		316	5.8		18.2	
10/28/2015	XX	GWXXXX7J4	700	7.9	12.6	11.8	158.92	170.72	37.98	118	0.2		1.5	
4/6/2016	XX	GWXXXX87I	531	8.1	8.4	11.35	159.37	170.72		272	1.9		2.2	
7/27/2016	XX	GWXXXX8C7	772	7.8	15.4	12.8	157.92	170.72		282	1.1		0.8	
10/26/2016	XX	GWXXXX904	629	7.8	11.1	12.81	157.91	170.72	37.96	195	1.2		0.8	
4/19/2017	XX	GWXXXX98C	636	8.1	9.2	11.3	159.42	170.72		349	6.2		1.1	
7/26/2017	XX	GWXXXX9E8	604	8	12.4	13.1	157.62	170.72		350	2.2		2.4	
10/25/2017	XX	GWXXXX9I3	481	7.7	15.4	13.5	157.22	170.72	38	341	3.5		1.7	

SUMMARY REPORT

Field Parameters

(P-04-02R)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/4/2018	XX	GWXXXXA44	492	8.2	9.3	10.8	159.92	170.72		470	5.6		1.8	
7/18/2018	XX	GWXXXXAD3	509	8.2	13.2	13.24	157.48	170.72		446	1.7		7.3	
10/3/2018	XX	GWXXXXB21	456	8.1	12.7	13.25	157.47	170.72	38	435	1.3		1.8	
4/22/2019	XX	GWXXXXB70	327	8.3	11	10.86	159.86	170.72		401	2.9		0.9	
7/17/2019	XX	GWXXXXBDA	401	8	15.1	12.49	158.23	170.72		305	7.1		1.3	
10/30/2019	XX	GWXXXXBJ2	331	8.2	12	11.5	159.22	170.72	38	254	0.7		2.9	
4/29/2020	XX	GWXXXXCEA	419	8.1	9.8	11.97	158.75	170.72		314	4.6		0.7	
7/22/2020	XX	GWXXXXCJ3	328	7.8	12.6	13.9	156.82	170.72		335	2.4		0.5	
10/28/2020	XX	GWXXXXD46	284	8.1	10.3	13.18	157.54	170.72	37.88	356	1.8		2.1	
4/7/2021	XX	GWXXXXDD9	301	7.7	9.8	11.58	159.14	170.72		358	4.5		1.5	
7/12/2021	XX	GWXXXXE10	289	7.1	13.1	13.4	157.32	170.72		287	3.9		0.6	
10/6/2021	XX	GWXXXXE77	274	7.3	11.8	13.88	156.84	170.72		283	1.5		0.6	
4/26/2022	XX	GWXXXXF11	260	7.5	9.3	11.55	159.17	170.72		219	3.4		3.5	
7/19/2022	XX	GWXXXXF9I	274	7.7	15.1	14.15	156.57	170.72		103	1.5		1.8	
10/4/2022	XX	GWXXXXFJH	229	6.3	13	13	157.72	170.72	38.02	288	0.5		2.4	
P-04-04														
4/24/2013	XX	GWXXXX5J	178	8.3	8.1	9.05	160.3	169.35		307	5	90	0.4	
7/31/2013	XX	GWXXXX654	175	8.1	17.3	9.12	160.13	169.25		274	4	50	1.2	
10/30/2013	XX	GWXXXX67E	194	7.9	11	10.01	159.24	169.25	32.26	346	3	35	0.8	
4/23/2014	XX	GWXXXX6G0	176	6.6	11.1	8.4	160.85	169.25		461	5	50	1.8	
7/30/2014	XX	GWXXXX703	175	7.9	14.3	8.96	160.29	169.25		335	3	45	0.6	
10/22/2014	XX	GWXXXX73E	165	8.1	10.9	9.35	159.9	169.25	32.28	390	3	50	1.1	
4/29/2015	XX	GWXXXX79B	174	8	8.3	8.15	161.1	169.25		397	5.9		0.9	
7/15/2015	XX	GWXXXX7D3	171	8.1	13.7	9.11	160.14	169.25		330	3.9		1.2	
10/28/2015	XX	GWXXXX7IC	161	8.3	11.6	9.06	160.19	169.25	32.31	324	2.3		0.5	
4/6/2016	XX	GWXXXX872	176	8.2	8.5	8.59	160.66	169.25		272	6.2		1.2	
7/27/2016	XX	GWXXXX8BC	173	7.7	14.1	9.96	159.29	169.25		249	3.7		0.7	
10/26/2016	XX	GWXXXX8JB	184	8	11.8	10.53	158.72	169.25	32.3	228	1.8		0.8	
4/19/2017	XX	GWXXXX97H	173	8.1	9.3	8.5	160.75	169.25		350	7.6		0.8	
7/26/2017	XX	GWXXXX9DF	175	8.1	13.4	10.25	159	169.25		312	3.3		1.5	
10/25/2017	XX	GWXXXX9HA	189	7.7	15.3	10.8	158.45	169.25	32.34	340	4.5		0.7	
4/4/2018	XX	GWXXXXA39	184	8.3	8.9	8.16	161.09	169.25		467	5.4		1.2	
7/18/2018	XX	GWXXXXACA	193	7.9	14	10.4	158.85	169.25		482	3.2		4.2	
10/3/2018	XX	GWXXXXB18	196	8.1	13.1	10.92	158.33	169.25	32.34	423	1.6		1.1	
4/22/2019	XX	GWXXXXB65	182	8.2	9.6	8.87	160.38	169.25		402	6.3		0.8	
7/17/2019	XX	GWXXXXBCG	190	8.1	16	9.6	159.65	169.25		304	7.7		1.4	
10/30/2019	XX	GWXXXXBI9	187	7.9	12	9.2	160.05	169.25	32.34	247	2.4		2.2	
4/29/2020	XX	GWXXXXCDG	197	8.2	9.9	7.96	161.29	169.25		314	7.2		0.8	
7/22/2020	XX	GWXXXXCI9	170	7.8	14	11.32	157.93	169.25		329	4		0.6	
10/28/2020	XX	GWXXXXD3D	167	8.1	10.3	10.8	158.45	169.25	37.1	347	2.4		1.8	
4/7/2021	XX	GWXXXXDCF	169	7.8	9.6	9.24	160.01	169.25		358	6.6		0.3	
7/12/2021	XX	GWXXXXE07	170	7.5	12.8	11.6	157.65	169.25		287	3.9		0.8	
10/6/2021	XX	GWXXXXE6F	175	7.3	13.4	10.2	159.05	169.25		277	1.9		0.8	
4/26/2022	XX	GWXXXXF17	175	7.6	9	8.85	160.4	169.25		231	6.1		2.8	
7/19/2022	XX	GWXXXXF95	194	7.8	14	11.82	157.43	169.25		115	2.8		4.7	
10/4/2022	XX	GWXXXXFJ6	194	6.7	13.3	10.52	158.73	169.25	37.11	256	1.8		1.7	
P-04-11A														
2/10/2021	XX	GWXXXXD9I	120	7.8	5.3	11.22	175.86	187.08	52.66	371	5.3		3.3	

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Field Parameters

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

(P-04-11A)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/8/2021	XX	GWXXXXDAH	126	7.4	7.4	11.17	185.197	196.367		204	5		0.8	
6/9/2021	XX	GWXXXXDH0	75	5.9	11.9	13.4	182.967	196.367		385	4.4		1.2	
8/18/2021	XX	GWXXXXE4E	125	7	9.7	15.04	181.327	196.367		140	3.1		0.3	
10/6/2021	XX	GWX11AE94	126	6.8	14.1	14.53	181.837	196.367		224	2.8		1.2	
4/27/2022	XX	GWX11AF39	117	7.3	7.8	9.95	186.417	196.367		200	6.9		0.2	
7/21/2022	XX	GWXXXXFBE	101	6.6	15.7	17.87	178.497	196.367		274	1.3		3.2	
10/6/2022	XX	GWX11AG18	114	7.5	8.3	17.25	179.117	196.367	52.66	392	2.2		0.8	
P-04-11B														
2/10/2021	XX	GWXXXXD9J	53	7.3	2.8	12.06	175.08	187.14	13.03	434	4		3.5	
4/8/2021	XX	GWXXXXDAI	50	6.1	8	12.17	184.197	196.367		381	8.7		8.1	
6/9/2021	XX	GWXXXXDH1	48	6.2	12.8	7.92	188.447	196.367		406	4.2		6.6	
8/18/2021	XX	GWXXXXE4F	51	7	18	8.14	188.227	196.367		290	3.2		2.1	
10/6/2021	XX	GWX11BE95	52	5.9	14.1	10.5	185.867	196.367		347	6.1		1.5	
4/27/2022	XX	GWX11BF3A	54	6.8	6.5	10.72	185.647	196.367		285	7.8		0.4	
7/21/2022	XX	GWXXXXFBF	D	D	D	D	D	196.367		D	D		D	
10/6/2022	XX	GWX11BG19	D	D	D	D		196.367	13.03		D		D	
P-206A														
7/31/2013	XX	GW206A64I	120	7.6	14.9	21.7	182.81	204.51		352	4	50	8.1	
10/28/2013	XX	GW206A67B	126	7.3	9.4	22.9	181.61	204.51	93.5	63	3	50	9.3	
4/21/2014	XX	GW206A6FJ	129	7.9	10.9	19.9	184.61	204.51		276	3	60	8.6	
7/28/2014	XX	GW206A702	131	7.3	16.3	21.8	182.71	204.51		268	2	60	5.4	
10/20/2014	XX	GW206A73B	128	8.1	9.2	25.7	178.81	204.51	93.48	325	3	55	1.2	
4/27/2015	XX	GW206A79A	122	7.3	6.7	21.2	183.31	204.51		104	2.3		1.4	
7/13/2015	XX	GW206A7D2	133	7.8	14.8	22.4	182.11	204.51		111	2.1		2.1	
10/26/2015	XX	GW206A7IB	146	7.8	9	24.9	179.61	204.51	93.45	309	0.6		4.2	
4/4/2016	XX	GW206A871	155	7.8	5.3	20.2	184.31	204.51		134	2.6		7	
4/26/2016	XX	GW206A8BC	187	8.1	6.4	20	184.51	204.51		123	1.9		1.1	
7/25/2016	XX	GW206A8BB	194	8	17	24	180.51	204.51		217	4.3		7.3	
10/24/2016	XX	GW206A8JA	192	7.6	9.7	28.2	176.31	204.51	93.43	237	6.8		2.9	
4/17/2017	XX	GW206A97G	193	7.6	11.1	23.5	181.01	204.51		123	4.5		1.3	
7/24/2017	XX	GW206A9DE	204	7.8	13.3	23	181.51	204.51		134	4.2		2.9	
10/23/2017	XX	GW206A9H9	221	7.5	11.3	27.6	176.91	204.51	93.45	302	4.5		1.8	
4/2/2018	XX	GW206AA38	317	7.6	9	22.85	181.66	204.51		311	1.6		0.8	
7/16/2018	XX	GW206AAC9	230	7.6	14.4	23.8	180.71	204.51		102	0.9		1.4	
10/1/2018	XX	GW206AB17	234	11.8	11.9	28.4	176.11	204.51	93.43	275	3		6.7	
4/22/2019	XX	GW206AB64	212	7.9	9	27	177.51	204.51		164	3.7		1.8	
7/17/2019	XX	GW206ABCF	225	7.9	15.4	22.6	181.91	204.51		97	3.8		2.6	
10/28/2019	XX	GW206ABI8	218	7.6	8.1	24.8	179.71	204.51	93.43	117	3.7		4.7	
4/27/2020	XX	GW206ACDF	244	6.9	4.6	24.1	180.41	204.51		101	3.6		1.3	
7/20/2020	XX	GW206ACI8	242	7.7	19.5	26.75	177.76	204.51		133	4.2		1.9	
10/26/2020	XX	GW206AD3C	A	A	A	34.7	169.81	204.51	93.15	A	A		A	
4/5/2021	XX	GW206ADCE	227	6.3	5.3	27	177.51	204.51		98	4.4		3.5	
7/14/2021	XX	GW206AE22	232	6.9	14.3	28.56	175.95	204.51		289	3.8		3.2	
10/4/2021	XX	GW206AE6E	249	7.3	10.2	27.3	177.21	204.51		242	5		1.1	
4/25/2022	XX	GW206AF16	207	6.5	8.4	26.87	177.64	204.51		224	2.9		1.9	
7/18/2022	XX	GW206AFAH	263	6.7	17.6	28.26	176.25	204.51		171	1.9		1.3	
10/3/2022	XX	GW206AFJ5	214	7.6	8	28.5	176.01	204.51	93.43	278	3.9		2.5	

PWS10-1

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Field Parameters

(PWS10-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/22/2013	XX	GWPWS15HC	278	5.7	7.2					228	1	50	3.2	
7/29/2013	XX	GWPWS163H	207	5.5	17.8					-38	1	75	12.6	
10/28/2013	XX	GWPWS166A	119	6.3	7.1					101	4	25	5.7	
4/21/2014	XX	GWPWS16ED	342	6.5	7.3					100	2	100	2.6	
7/28/2014	XX	GWPWS16J0	277	6.2	18.4					86	1	35	4.2	
10/20/2014	XX	GWPWS172A	76	5.4	11.1					407	4	20	1.8	
4/27/2015	XX	GWPWS1788	290	6.5	7.6					170	0.3		4.1	
7/13/2015	XX	GWPWS17C0	218	6.3	21.8					172	0.1		2.2	
10/26/2015	XX	GWPWS17H9	85	6.6	7.3					274	6.6		2.1	
4/4/2016	XX	GWPWS185J	247	6.5	2.7					196	0.3		2.2	
7/25/2016	XX	GWPWS18A9	121	6.6	25					190	1.5		2.1	
10/24/2016	XX	GWPWS18I8	304	6.5	9.6					155	0.1		1.1	
4/17/2017	XX	GWPWS196E	105	6.7	9.8					261	2.1		2.2	
7/24/2017	XX	GWPWS19CC	266	6.8	17.9					197	3.1		2.5	
10/25/2017	XX	GWPWS19G7	196	6.4	11.9					104	0		3.5	
4/2/2018	XX	GWPWS1A25	196	7.2	4.1					459	9.5		1.1	
7/16/2018	XX	GWPWS1AB7	186	7.2	23.1					245	2.5		2.1	
10/1/2018	XX	GWPWS1B05	148	6.2	11.7					818	5.6		2.1	
4/22/2019	XX	GWPWS1B51	187	6.4	10					195	3.1		1	
7/15/2019	XX	GWPWS1BBE	131	5.3	24.5					504	5.3		6.2	
10/28/2019	XX	GWPWS1BH7	172	6.3	9.3					260	6.7		1.1	
4/27/2020	XX	GWPWS1CCE	346	7	6.1					82	0.8		2.7	
7/20/2020	XX	GWPWS1CH7	254	6	23.2					167	0.4		3.1	
10/26/2020	XX	GWPWS1D2B	175	6	5.2					454	3.9		2.1	
4/5/2021	XX	GWPWS1DBD	189	6.3	3.5					164	0.4		3.1	
7/12/2021	XX	GWPWS1DJ5	67	6	19.4					376	3.1		2.1	
10/4/2021	XX	GWPWS1E5D	246	6	16.2					171	0.6		2.5	
4/25/2022	XX	GWPWS1F05	226	6.3	7.6					177	0.6		0.2	
7/18/2022	XX	GWPWS1F83	100	5.6	22.7					204	0.5		1	
10/3/2022	XX	GWPWS1FI4	175	6.5	12.2					300	6.5		2.1	
PWS10-2														
4/22/2013	XX	GWPWS25HD	100	5.5	7.8					221	3	15	2.5	
7/29/2013	XX	GWPWS263I	127	5.4	16.2					-1	1	30	3.1	
10/28/2013	XX	GWPWS266B	107	6.7	9.6					133	5	15	6.2	
4/21/2014	XX	GWPWS26EE	63	7.3	9.9					52	1	40	2.2	
7/28/2014	XX	GWPWS26J1	140	5.7	15.4					108	0.4	25	1.5	
10/20/2014	XX	GWPWS272B	131	5.7	10.6					233	1	15	2.2	
4/27/2015	XX	GWPWS2789	103	6.4	5.5					217	3.8		5.2	
7/13/2015	XX	GWPWS27C1	133	6	20.5					197	0.2		2.2	
10/26/2015	XX	GWPWS27HA	72	7.6	7.5					392	10.1		1.2	
4/4/2016	XX	GWPWS2860	117	7	1.6					227	8.3		4.1	
7/25/2016	XX	GWPWS28AA	109	7.1	26.5					280	8.3		3.5	
10/24/2016	XX	GWPWS28I9	91	6.7	9.5					228	3.7		1.1	
4/17/2017	XX	GWPWS296F	102	6.3	9					189	3.9		2.1	
7/24/2017	XX	GWPWS29CD	140	7.5	18.6					250	5.4		2.1	
10/24/2017	XX	GWPWS29G8	D	D	D					D	D		D	
4/2/2018	XX	GWPWS2A26	110	7.4	1.3					474	1.2		1.1	
7/16/2018	XX	GWPWS2AB8	204	6.9	22.1					492	3.6		1.2	
10/1/2018	XX	GWPWS2B06	170	7	12.8					460	7		1	

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Field Parameters

(PWS10-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
4/22/2019	XX	GWPWS2B52	135	6.9	8.9					364	7.8		0.5	
7/15/2019	XX	GWPWS2BBF	276	7.2	26.3					413	7.2		4.1	
10/28/2019	XX	GWPWS2BH8	101	6.8	9.1					263	11.3		1.5	
4/27/2020	XX	GWPWS2CCF	140	7.2	5.4					289	6.6		3.1	
7/20/2020	XX	GWPWS2CH8	142	6.2	19.1					322	3		2.1	
10/26/2020	XX	GWPWS2D2C	124	7.3	4.9					359	6.7		4.6	
4/5/2021	XX	GWPWS2DBE	70	6.8	2.8					346	6.8		2.1	
7/12/2021	XX	GWPWS2DJ6	78	5.9	20.7					404	3.2		1.2	
10/4/2021	XX	GWPWS2E5E	99	5.9	14.4					258	0.9		3.1	
4/25/2022	XX	GWPWS2F06	86	6.8	7.9					287	7.5		0.3	
7/18/2022	XX	GWPWS2F84	82	5.5	22.4					235	0.3		3.1	
10/3/2022	XX	GWPWS2FI5	94	7.3	17.1					391	1.6		2.3	
PWS10-3														
4/22/2013	XX	GWPWS35HE	62	5	7.3					223	5	15	5.6	
7/29/2013	XX	GWPWS363J	180	5.5	18.9					-7	1	90	5.9	
10/28/2013	XX	GWPWS366C	80	6.6	7.6					152	4	20	8.1	
4/21/2014	XX	GWPWS36EF	76	6.3	6.7					263	3	35	3.1	
7/28/2014	XX	GWPWS36J2	116	5.6	20.4					136	2	20	4.2	
10/20/2014	XX	GWPWS372D	42	5	10.1					423	4	20	2.1	
4/27/2015	XX	GWPWS378A	57	6	7.6					264	4.1		7.1	
7/13/2015	XX	GWPWS37C2	79	6.7	25					167	5.4		2.6	
10/26/2015	XX	GWPWS37HB	80	6.7	15.4					331	10.2		2.2	
4/4/2016	XX	GWPWS3861	163	7.4	3.1					229	7		2.2	
7/25/2016	XX	GWPWS38AB	D	D	D					D	D		D	
10/24/2016	XX	GWPWS38IA	159	6.3	10.3					369	10.3		1.2	
4/17/2017	XX	GWPWS396G	61	6	10.7					269	0.8		1.8	
7/24/2017	XX	GWPWS39CE	133	6.9	22					289	7.1		2.1	
10/24/2017	XX	GWPWS39G9	D	D	D					D	D		D	
4/2/2018	XX	GWPWS3A27	51	6.3	2.7					456	3.5		0.8	
7/16/2018	XX	GWPWS3AB9	D	D	D					D	D		D	
10/1/2018	XX	GWPWS3B07	119	7.1	12.2					463	7.5		2.1	
4/22/2019	XX	GWPWS3B53	82	6.5	7.6					374	7.3		0.8	
7/15/2019	XX	GWPWS3BBG	83	7.2	23.6					449	9.9		5.5	
10/28/2019	XX	GWPWS3BH9	98	6	8.6					279	9.3		1.1	
4/27/2020	XX	GWPWS3CCG	54	6.8	5.5					314	5.8		2.5	
7/20/2020	XX	GWPWS3CH9	144	5.3	22.3					208	0.3		3.1	
10/26/2020	XX	GWPWS3D2D	197	5.9	6.1					540	7		4.1	
4/5/2021	XX	GWPWS3DBF	105	6	4.4					191	0.3		1.5	
7/12/2021	XX	GWPWS3DJ7	71	6	18.6					243	2.3		1.2	
10/4/2021	XX	GWPWS3E5F	75	5.8	12.8					303	2.7		4	
4/25/2022	XX	GWPWS3F07	79	6.2	7.9					341	3.5		0.6	
7/18/2022	XX	GWPWS3F85	112	5.8	22.6					163	0.5		1	
10/3/2022	XX	GWPWS3F16	74	6.4	11					317	6.4		2.2	
SW-1														
4/23/2013	XX	SWXX1X5H9	80	6.6	9.6					237	6	15	3.6	
7/30/2013	XX	SWXX1X63E	83	6.5	23.2					310	6	25	2.3	
10/29/2013	XX	SWXX1X667	99	7.2	5.6					325	6	20	1.5	
4/22/2014	XX	SWXX1X6EA	154	7	9.9					455	6	35	3.4	

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Field Parameters

(SW-1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate			
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs			
7/29/2014	XX	SWXX1X6IH	75	7.1	22.8					424	4	20	2.7				
10/21/2014	XX	SWXX1X727	83	7.5	9.7					350	6	20	3.1				
4/28/2015	XX	SWXX1X785	117	7	7.9					407	9.7		2.2				
7/14/2015	XX	SWXX1X7BH	95	7	25.1					331	3.8		4.2				
10/27/2015	XX	SWXX1X7H6	81	8.2	5.3					320	10.3		2.2				
4/5/2016	XX	SWXX1X85G	88	7	2.9					424	9.6		1.8				
7/26/2016	XX	SWXX1X8A6	211	7.1	25.2					187	2.8		10.2				
10/25/2016	XX	SWXX1X8I5	98	7.6	6.5					311	7.2		2.2				
4/18/2017	XX	SWXX1X96B	56	6.5	6.9					369	9.1		1.3				
7/25/2017	XX	SWXX1X9C9	235	6.8	18.9					221	4.2		3.3				
10/25/2017	XX	SWXX1X9G4	127	6.9	15.2					398	5.4		2.5				
4/3/2018	XX	SWXX1XA22	160	7	5.4					468	15.1		1.1				
7/17/2018	XX	SWXX1XAB4	242	7.8	19.3					316	3.2		6.7				
10/2/2018	XX	SWXX1XB02	144	6.6	9.6					514	6.1		1.4				
4/23/2019	XX	SWXX1XB4I	125	6.9	5.4					372	8.5		1.1				
7/16/2019	XX	SWXX1XB8B	109	6.7	27.5					356	4.2		3.3				
10/29/2019	XX	SWXX1XBH4	228	6.6	10.6					240	8.3		2.5				
4/28/2020	XX	SWXX1XCCB	241	7.3	10					395	7.7		2.1				
7/21/2020	XX	SWXX1XCH4	134	6.9	24.4					288	1.7		1.3				
10/27/2020	XX	SWXX1XD28	175	7.7	8.9					298	4		1.2				
4/6/2021	XX	SWXX1XD8A	179	6.5	8.7					335	7.3		2.1				
7/13/2021	XX	SWXX1XDJ2	76	6.1	21.4					259	2.8		0.8	0.0056			
10/5/2021	XX	SWXX1XE5A	308	6.6	22.2					153	0.7		1.2				
4/26/2022	XX	SWXX1XF02	162	6.7	10.3					292	7.7		1.3				
7/19/2022	XX	SWXX1XF80	130	6.7	23.2					283	3.3		2.7	0.0089			
10/4/2022	XX	SWXX1XF11	192	7	15.6					301	2.6		2.2	0.0045			
SW-2																	
4/23/2013	XX	SWXX2X5HA	77	6.4	10.6					236	5	15	4.1	1.5			
7/30/2013	XX	SWXX2X63F	65	7	26.2					274	6	20	2.2	1			
10/29/2013	XX	SWXX2X668	82	8	10.1					469	5	20	1.2	0.1			
4/22/2014	XX	SWXX2X6EB	76	7	10.4					407	6	25	2.6	5.25			
7/29/2014	XX	SWXX2X6II	66	7.8	25.6					423	6	15	2.8	0.6			
10/21/2014	XX	SWXX2X728	74	7	10.2					384	5	15	2.5	0.3			
4/28/2015	XX	SWXX2X786		6.7	9.2					355	9		1.1				
7/14/2015	XX	SWXX2X7BI	84	7	26.5					329	6.1		3.7	0.8			
10/27/2015	XX	SWXX2X7H7	65	8.5	5.8					317	9.4		1.2	0.0017			
4/5/2016	XX	SWXX2X85H	87	6.7	3.6					355	7.2		0.8				
7/26/2016	XX	SWXX2X8A7	81	7.3	26.9					341	3.7		7.3	0.0033			
10/25/2016	XX	SWXX2X8I6	90	7.1	8.1					353	7.1		1.6	6			
4/18/2017	XX	SWXX2X96C	67	6.9	10.6					349	8		0.8	0.4			
7/25/2017	XX	SWXX2X9CA	110	7.1	18					235	2.1		3.4	0.4			
10/25/2017	XX	SWXX2X9G5	102	7.1	16.7					415	5.4		2.1	3			
4/3/2018	XX	SWXX2XA23	50	6.8	3.1					467	7.9		1.1	11.25			
7/17/2018	XX	SWXX2XAB5	104	7.9	21.3					318	1.1		8.2	0.4			
10/2/2018	XX	SWXX2XB03		6.7	10.2					494	4		2.1	0.25			
4/23/2019	XX	SWXX2XB4J	83	6.6	4.9					360	6		0.9				
7/16/2019	XX	SWXX2XBBC	85	6.3	28.8					397	4.2		3.2				
10/29/2019	XX	SWXX2XBH5	66	5.9	8					281	13.7		0.8				
4/28/2020	XX	SWXX2XCCC	76	6.8	7					369	7.7		2.1				

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Field Parameters

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

(SW-2)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/21/2020	XX	SWXX2XCH5	68	6.9	29.2					380	5.5		1.6	
10/27/2020	XX	SWXX2XD29	77	6.8	8.4					413	6		1.2	
4/6/2021	XX	SWXX2XDBB	67	6.2	4.3					409	8.7		0.6	9
7/13/2021	XX	SWXX2XDJ3	62	5.8	18.4					393	0.9		0.9	4.5
10/5/2021	XX	SWXX2XE5B	57	6.3	17.7					323	4.4		0.5	
4/26/2022	XX	SWXX2XF03	73	6.5	6.8					375	6.5		1.9	
7/19/2022	XX	SWXX2XF81	67	6.5	25.8					323	4.2		0.8	0.0111
10/4/2022	XX	SWXX2XF12	64	6.2	12.6					373	2.7		1.8	
SW-3														
4/23/2013	XX	SWXX3X5HB	71	6.5	9.7					234	6	20	1.5	8
7/30/2013	XX	SWXX3X63G	81	7.9	23					170	6	25	1.2	6
10/29/2013	XX	SWXX3X669	108	7.7	6.7					365	4	15	1.2	6.5
4/22/2014	XX	SWXX3X6EC	71	7.3	9.9					444	6	30	0.8	10
7/29/2014	XX	SWXX3X6IJ	81	7.9	20.9					328	5	15	0.5	8
10/21/2014	XX	SWXX3X729	78	7.7	8.4					386	5	15	1.2	7
4/28/2015	XX	SWXX3X787	79	7.3	6.8					328	11.3		1	9.3
4/29/2015	XX	SWXX3X7AI	88	7.7	10.3					344	8.6		0.8	9.3
7/14/2015	XX	SWXX3X7BJ	93	8.1	21.5					305	5.4		1.2	5.8
10/27/2015	XX	SWXX3X7H8	81	8.8	4.6					293	11.4		0.6	0.016
4/5/2016	XX	SWXX3X85I	76	8.3	2.3					301	12.6		1.4	
7/26/2016	XX	SWXX3X8A8	102	7.6	21.6					344	2.3		2.1	
10/25/2016	XX	SWXX3X8I7	119	8.6	6.4					253	8.6		1.3	7
4/18/2017	XX	SWXX3X96D	59	8.3	8.3					347	10.8		1.1	
7/25/2017	XX	SWXX3X9CB	120	7.4	16.8					344	2.6		1.3	5
10/25/2017	XX	SWXX3X9G6	149	6.9	15.7					407	3.6		1.3	8
4/3/2018	XX	SWXX3XA24	84	7.7	1.8					459	4.6		1.1	2
7/17/2018	XX	SWXX3XAB6	134	7.6	21.4					437	1.9		1.9	4
10/2/2018	XX	SWXX3XB04	100	7.2	10.1					507	8.1		0.5	12
4/23/2019	XX	SWXX3XB50	70	7.4	7.1					330	9		0.8	
7/16/2019	XX	SWXX3XBBD	92	7.6	24.3					300	5.7		1.3	
10/29/2019	XX	SWXX3XBH6	99	7.5	8.6					232	10.3		0.5	
4/28/2020	XX	SWXX3XCCD	73	7.7	8.8					359	9.9		1.4	
7/21/2020	XX	SWXX3XCH6	94	7.2	23.1					373	3.4		0.9	
10/27/2020	XX	SWXX3XD2A	78	7.6	8.4					403	8.1		0.8	
4/6/2021	XX	SWXX3XDBC	52	7.7	7.4					374	8.9		1.2	19
7/13/2021	XX	SWXX3XDJ4	68	7.3	21.8					319	4.8		0.8	7.5
10/5/2021	XX	SWXX3XE5C	68	7.3	14					284	5.2		1.2	
4/26/2022	XX	SWXX3XF04	63	7.2	9.8					332	7.9		1.1	
7/19/2022	XX	SWXX3XF82	109	7.3	22.6					322	3.6		0.8	0.0067
10/4/2022	XX	SWXX3XF13	89	7.9	9.5					333	5		0.9	
SW-DP1														
4/23/2013	XX	SWDP1X5HH	195	7.3	12.1					236	6	20	3.1	
7/30/2013	XX	SWDP1X642	82	6.7	26.8					285	6	30	0.7	
10/29/2013	XX	SWDP1X66F	204	7.4	7.4					311	6	20	1.6	
4/22/2014	XX	SWDP1X6E1	83	7.7	14.5					452	6	30	3.6	
7/29/2014	XX	SWDP1X6J5	47	7.1	25.1					448	6	10	0.8	
10/21/2014	XX	SWDP1X72G	54	7.4	11.4					368	6	15	0.8	
4/28/2015	XX	SWDP1X78D	109	7.3	10.2					368	11.8		2.1	

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CUMBERLAND CENTER, ME 04021

(SW-DP1)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/14/2015	XX	SWDP1X7C5	112	8.3	27					255	8.8		3.6	
10/27/2015	XX	SWDP1X7HE	69	8	8.6					313	10.8		0.8	
4/5/2016	XX	SWDP1X864	100	7.1	6.4					348	12.5		0.5	
7/26/2016	XX	SWDP1X8AE	123	7.9	29.3					263	5.9		2.3	
10/25/2016	XX	SWDP1X8ID	75	7.8	9.2					260	7.7		1.6	
4/18/2017	XX	SWDP1X96J	74	6.9	12.5					389	10.2		1.7	
7/25/2017	XX	SWDP1X9CH	142	7.4	24.9					274	7		0.8	
10/23/2017	XX	SWDP1X9GC	109	7.7	16.6					263	9.1		0.8	
4/3/2018	XX	SWDP1XA2B	34	7.3	1.9					457	9.1		2.6	
7/17/2018	XX	SWDP1XABC	91	8.2	23.1					418	6.7		2.7	
10/2/2018	XX	SWDP1XB0A	78	7.2	12					486	5.4		0.9	
4/23/2019	XX	SWDP1XB57	101	7.1	9					367	9.9		1.4	
7/16/2019	XX	SWDP1XBBJ	79	8.9	28.7					327	8.4		0.8	
10/29/2019	XX	SWDP1XBHC	106	6.9	10.6					241	9.5		1.2	
4/28/2020	XX	SWDP1XCCJ	439	7.8	9.5					356	12		1.7	
7/21/2020	XX	SWDP1XCHC	206	7.6	27					358	8.8		2.2	
10/27/2020	XX	SWDP1XD2G	148	7.7	7.5					261	8.3		0.8	
4/6/2021	XX	SWDP1XDBI	68	6.7	8.4					398	7.9		2.3	
7/13/2021	XX	SWDP1XDJA	78	6.5	23.9					323	5		1.2	
10/5/2021	XX	SWDP1XE5I	82	6.5	16.7					316	5.3		0.6	
4/26/2022	XX	SWDP1XF0A	123	7.1	10.8					343	7		0.6	
7/19/2022	XX	SWDP1XF88	176	6.7	27.5					312	2.9		2.7	0.0089
10/4/2022	XX	SWDP1XF19	150	7.4	14.5					332	4.6		1.2	
SW-DP5														
4/23/2013	XX	SWDP5X60I	162	7.6	12.8					236	6	20	2.6	
7/30/2013	XX	SWDP5X65H	150	8	30.7					241	6	50	1.5	
10/29/2013	XX	SWDP5X686	D	D	D					D	D	D	D	
4/22/2014	XX	SWDP5X6GD	194	6.9	16.9					408	6	30	9.8	
7/29/2014	XX	SWDP5X70F	99	7.9	27.5					392	6	15	2.6	
10/21/2014	XX	SWDP5X743	113	7.6	10.7					422	5	15	1.2	
4/28/2015	XX	SWDP5X7A3	208	7.9	10.8					353	11.5		1.1	
7/14/2015	XX	SWDP5X7DF	153	7.7	27.6					218	6.4		4.3	
10/27/2015	XX	SWDP5X7J2	D	D	D					D	D		D	
4/5/2016	XX	SWDP5X87E	D	D	D					D	D		D	
7/26/2016	XX	SWDP5X8C4	D	D	D					D	D		D	
10/25/2016	XX	SWDP5X902	I	I	I					I	I		I	
4/18/2017	XX	SWDP5X989	D	D	D					D	D		D	
7/25/2017	XX	SWDP5X9E6	173	8.1	25.4					273	7.7		0.4	
10/24/2017	XX	SWDP5X9I1	D	D	D					D	D		D	
4/3/2018	XX	SWDP5XA41	51	6.9	8.7					459	15.2		2.1	
7/17/2018	XX	SWDP5XAD1	D	D	D					D	D		D	
10/2/2018	XX	SWDP5XB1J	D	D	D					D	D		D	
4/23/2019	XX	SWDP5XB6H	133	7.3	9.7					369	7.8		0.8	
7/16/2019	XX	SWDP5XBD8	102	8.3	28.3					307	6.8		0.8	
10/29/2019	XX	SWDP5XBJ0	107	7	9.3					239	10		1.8	
4/28/2020	XX	SWDP5XCE8	173	8.1	10.1					333	12.6		1.6	
7/21/2020	XX	SWDP5XCJ1	126	7.8	30.3					328	6.8		0.6	
10/27/2020	XX	SWDP5XD44	82	8.5	10.2					320	10.5		0.6	
4/6/2021	XX	SWDP5XDD7	69	6.9	10.7					387	9.3		2.1	

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(SW-DP5)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs
7/13/2021	XX	SWDP5XE0J	62	8.2	24.6					267	10.2		1.1	
10/5/2021	XX	SWDP5XE75	67	7.4	18.6					245	6		0.5	
4/26/2022	XX	SWDP5XF1H	195	7	11.1					333	7.6		1.2	
7/19/2022	XX	SWDP5XF9H	D	D	D					D	D		D	
10/4/2022	XX	SWDP5XFJG	D	D	D					D	D		D	

SW-DP6														
4/23/2013	XX	SWDP6X5HI	62	6.6	15.2					235	6	15	3.2	
7/30/2013	XX	SWDP6X643	87	7	27.8					313	6	25	0.8	
10/29/2013	XX	SWDP6X66G	113	7.3	8.3					333	5	25	0.6	
4/22/2014	XX	SWDP6X6EJ	107	7.6	16.8					413	6	40	3.7	
7/29/2014	XX	SWDP6X6J6	72	7.3	24.7					442	5	10	1.2	
10/21/2014	XX	SWDP6X72H	75	7.7	11.5					394	6	15	2.6	
4/28/2015	XX	SWDP6X78E	96	6.9	10					392	10.4		1.3	
7/14/2015	XX	SWDP6X7C6	114	7.2	29.6					376	5.4		5.6	
10/27/2015	XX	SWDP6X7HF	68	8.4	9.8					327	10.4		1.1	
4/5/2016	XX	SWDP6X865	79	7.1	4.6					445	10		0.8	
7/26/2016	XX	SWDP6X8AF	135	7.5	28.7					254	5.4		2.7	
10/25/2016	XX	SWDP6X8IE	100	7.8	8.5					265	5.8		2.6	
4/18/2017	XX	SWDP6X970	59	6.6	11.2					364	6.7		1.1	
7/25/2017	XX	SWDP6X9CI	86	7.5	21.6					314	6.5		1.1	
10/23/2017	XX	SWDP6X9GD	101	7.2	17.2					219	7.5		1.6	
4/3/2018	XX	SWDP6XA2C	76	7.6	2.4					460	10.3		2.3	
7/17/2018	XX	SWDP6XABD	140	8	23.9					443	4.5		2.1	
10/2/2018	XX	SWDP6XB0B	136	7.8	11.6					478	6.2		0.8	
4/23/2019	XX	SWDP6XB58	78	6.7	8.1					368	11.7		1.1	
7/16/2019	XX	SWDP6XBC0	65	7.3	29.2					375	6.8		1.8	
10/29/2019	XX	SWDP6XBHD	50	6.2	10.3					246	10.3		2.2	
4/28/2020	XX	SWDP6XCD0	55	7.3	11.4					397	9.6		1.3	
7/21/2020	XX	SWDP6XCHD	71	8.4	27.1					294	5.9		0.8	
10/27/2020	XX	SWDP6XD2H	91	8.2	9.4					330	10.1		0.7	
4/6/2021	XX	SWDP6XDBJ	59	6.1	9.1					416	9.9		3.2	
7/13/2021	XX	SWDP6XDJB	38	6.2	25.4					404	5.2		0.7	
10/5/2021	XX	SWDP6XE5J	62	7.2	22.5					308	6.3		0.8	
4/26/2022	XX	SWDP6XF0B	36	7.3	11.6					288	8.2		1.5	
7/19/2022	XX	SWDP6XF89	44	6.4	28.9					348	3.9		2.1	
10/4/2022	XX	SWDP6XFIA	44	7.6	16.7					323	4.8		2.6	

OFFICE WELL														
4/6/2016	XX	DWOFFX87J	300	7.2	8.3					302	7.2		2.1	
4/19/2017	XX	DWOFFX98D	302	6.9	9.3					381	8.6		1	
4/4/2018	XX	DWOFFXA45	434	6.9	9.7					341	6.4		0.5	
4/22/2019	XX	DWOFFXB71	353	7	9.6					420	6.2		2.1	
7/15/2019	XX	DWOFFXBDB	372	7.2	12.8					267	7		2.8	

SCALE HOUSE WELL														
4/6/2016	XX	DWSCLX880	585	7.2	7.2					276	6.8		4	
4/19/2017	XX	DWSCLX98E	545	7	8.1					380	8.2		0.7	
4/4/2018	XX	DWSCLXA46	585	7.1	6.1					397	5.6		0.8	
4/22/2019	XX	DWSCLXB72	480	7.1	7.6					420	6.1		4.3	
7/15/2019	XX	DWSCLXBDC	540	7	18.5					269	7.1		1.5	

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(SCALE HOUSE WELL)	Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Eh	Dissolved Oxygen	Alkalinity (CaCO3) (field)	Turbidity (field)	Flow Rate	
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	mV	mg/L	mg/L	NTU	cfs

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- < - Less than specified amount
- A - The sampling location was inaccessible.
- D - The sampling location was dry.
- D3 - Sample too dark to take reading.
- DE - Decommissioned Location
- E2 - Estimated Field Value
- F - The sampling location was frozen.
- F1 - Well was flowing
- F12 - Pipe under water, no sample taken.
- F14 - Unable to measure flow.
- F16 - Could not pump water to surface for testing/sampling
- 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.
- H8 - No flow from pipe. See LF-COMP for readings
- H9 - No flow from pipe. See LP-COMP for readings
- I - The sampling location yielded insufficient quantity to collect a sample.
- L - Could not locate sampling location.
- M - Results are missing or not reliable due to a meter malfunction.
- M7 - No reading taken at this location.
- TK - Outside of range of available test kits (or below test kit range).
- U - Not Detected above the laboratory reporting limit.

(DP-4)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
DP-4																
4/24/2013	XX	GWXXXX5IH	0.349	0.5 U			195	75	19.3		80		2 U		30.8	0.12
LF-COMP																
4/6/2021	XX	LFCOMPDG6			0.3	0.04 U	238	2.5 U	11		200		2 U		2.1	0.1 U
LF-LD-11																
7/13/2021	XX	LFXXXXE1C	0.38	0.5 U	0.71		494	2.5 U	34	0.1 U		430	2.2		1 U	0.1 U
10/5/2021	XX	LFXXXXE88	0.56	0.5 U	0.55		541	2.5 U	42	0.1 U		450	2 U		1 U	0.1 U
7/19/2022	XX	LFXXXXFA9	0.68	0.5 U	0.31		597	2.5 U	72	0.1 U		470	2		3.2	0.1 U
LF-LD-12																
7/13/2021	XX	LFXXXXE1D	0.31	0.5 U	0.05 U		240	6.7	31	0.1 U		160	2.4		1.5	0.1 U
10/5/2021	XX	LFXXXXE89	0.25	0.5 U	0.063		397	2.5 U	48	0.1 U		290	3.8		1 U	0.1 U
7/19/2022	XX	LFXXXXFAA	0.4	0.5 U	0.05 U		343	2.5 U	41	0.1 U		260	3.6		2.2	0.1 U
LF-LD-13																
7/19/2022	XX	LFXXXXFB4	0.29	0.5 U	0.07		207	2.5 U	28	0.1 U		130	2.7		1.7	0.1
LF-UD-1																
4/23/2013	XX	LFUD1X5I6		0.5 U		0.04 U	230	4	7.8		164		2 U		11.5	0.16
7/30/2013	XX	LFUD1X64B				0.04 U	232	4 U	9.9		156		2 U		22.5	0.14
10/29/2013	XX	LFUD1X674				F6	F6	F6	F6		F6		F6		F6	F6
4/22/2014	XX	LFUD1X6F7				0.04	235	35	10.4		177		2 U		19.1	0.1 U
7/29/2014	XX	LFUD1X6JE				0.33	231	394	5		155		2 U		17.3	0.14
10/21/2014	XX	LFUD1X735				F6	F6	F6	F6		F6		F6		F6	F6
4/28/2015	XX	LFUD1X792			0.5 U	0.08	260	49	22.4		145		2 U		24.8	0.2
7/14/2015	XX	LFUD1X7CE			2 U	0.04 U	257	4 U	6.6		179		2 U		16.7	0.1 U
10/27/2015	XX	LFUD1X7I3			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/5/2016	XX	LFUD1X86D			0.07	0.04	242	4	12.7		152		2 U		26	0.1 U
7/26/2016	XX	LFUD1X8B3			I	I	I	I	I		I		I		I	I
10/25/2016	XX	LFUD1X8J2			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/18/2017	XX	LFUD1X978			0.19	0.1	243	56	7.3		170		2 U		21	0.2 U
7/25/2017	XX	LFUD1X9D6			0.22	0.04 U	290	15	24		170		2 U		24	0.2 U
10/25/2017	XX	LFUD1X9H1			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFUD1XA30			0.23	0.04 U	246	5	35		170		2 U		18	0.21
7/17/2018	XX	LFUD1XAC1			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/2/2018	XX	LFUD1XB0J			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/23/2019	XX	LFUD1XB5G			0.4	0.04 U	214	2.5 U	13		170		2 U		2.2	0.1 U
7/16/2019	XX	LFUD1XBC8			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/29/2019	XX	LFUD1XBI1			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/28/2020	XX	LFUD1XCD8			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/21/2020	XX	LFUD1XCI1			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2020	XX	LFUD1XD35			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFUD1XDC7			H8	H8	H8	H8	H8		H8		H8		H8	H8
7/13/2021	XX	LFUD1XDJJ			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/5/2021	XX	LFUD1XE67			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/26/2022	XX	LFUD1XF0J			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFUD1XF8H			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFUD1XFII			F6	F6	F6	F6	F6		F6		F6		F6	F6

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 CUMBERLAND CENTER, ME 04021

(LF-UD-2)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L

LF-UD-2																
4/23/2013	XX	LFUD2X5I7		0.5 U		0.04 U	207	4 U	4.6		134		2 U		18.5	0.19
7/30/2013	XX	LFUD2X64C				0.04 U	208	4 U	4.8		127		2 U		35.2	0.12
10/29/2013	XX	LFUD2X675				0.04 U	228	12	9.9		162		2 U		15.3	0.18
4/22/2014	XX	LFUD2X6F8				0.04 U	218	4 U	4.8		147		2 U		33.6	0.11
7/29/2014	XX	LFUD2X6JF				0.04 U	220	45	2		152		2 U		21.6	0.17
10/21/2014	XX	LFUD2X736				0.04 U	279	25	7.2		220		2 U		7.7	0.1 U
4/28/2015	XX	LFUD2X793			0.5 U	0.04 U	257	4	26		139		2 U		24.4	0.2
7/14/2015	XX	LFUD2X7CF			2 U	0.04 U	254	4 U	6.1		177		2 U		19.7	0.17
10/27/2015	XX	LFUD2X7I4			0.5 U	0.04 U	264	4 U	7.5		193		2 U		20.3	0.1 U
4/5/2016	XX	LFUD2X86E			0.06	0.04 U	246	4 U	11.4		134		2 U		41.2	0.1 U
7/26/2016	XX	LFUD2X8B4			0.05 U	0.04	283	24	22.1		170		2 U		22.7	0.2
10/25/2016	XX	LFUD2X8J3			0.27	0.04 U	294	4 U	21.6		203		2 U		12.8	0.2 U
4/18/2017	XX	LFUD2X979			0.22	0.05	262	15	18		160		2 U		29	0.2 U
7/25/2017	XX	LFUD2X9D7			0.13	0.04 U	273	8	4.6		170		2 U		32	0.2 U
10/25/2017	XX	LFUD2X9H2			0.22	0.07	291	29	9		200		2 U		13	0.14
4/3/2018	XX	LFUD2XA31			0.28	0.04 U	267	2.5 U	56		160		2 U		17	0.18
7/17/2018	XX	LFUD2XAC2			0.24	0.04	290	17	12		210		6.3		24	0.19
10/2/2018	XX	LFUD2XB10			0.28	0.04 U	285	5	16		220		2 U		7.8	0.1 U
4/23/2019	XX	LFUD2XB5H			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/16/2019	XX	LFUD2XBC9			0.26	0.07	262	2.7	12		200		2 U		15	0.11
10/29/2019	XX	LFUD2XB12			0.22	0.04	222	83	11		180		2 U		11	0.12
4/28/2020	XX	LFUD2XCD9			0.32	0.04 U	243	16	11		200		2 U		10	0.11
7/21/2020	XX	LFUD2XCI2			0.23	0.2	307	370	13		230		2 U		6.9	0.1
10/27/2020	XX	LFUD2XD36			0.2	0.04 U	276	2.5 U	14		230		43 M10		3	0.1 U
4/6/2021	XX	LFUD2XDC8			H8	H8	H8	H8	H8		H8		H8		H8	H8
7/13/2021	XX	LFUD2XE00			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/5/2021	XX	LFUD2XE68			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/26/2022	XX	LFUD2XF10			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFUD2XF8I			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFUD2XF1J			F6	F6	F6	F6	F6		F6		F6		F6	F6

LF-UD-3A,B																
4/23/2013	XX	LFXXX5J5		F6		F6	F6	F6	F6		F6		F6		F6	F6
7/30/2013	XX	LFXXX65A				F6	F6	F6	F6		F6		F6		F6	F6
10/29/2013	XX	LFXXX67J				F6	F6	F6	F6		F6		F6		F6	F6
4/22/2014	XX	LFXXX6G6				F6	F6	F6	F6		F6		F6		F6	F6
7/29/2014	XX	LFXXX708				F6	F6	F6	F6		F6		F6		F6	F6
10/21/2014	XX	LFXXX73H				F6	F6	F6	F6		F6		F6		F6	F6
4/28/2015	XX	LFXXX79G			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/14/2015	XX	LFXXX7D8			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2015	XX	LFXXX71F			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/5/2016	XX	LFXXX877			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/26/2016	XX	LFXXX8BH			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/25/2016	XX	LFXXX8JF			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/18/2017	XX	LFXXX982			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/25/2017	XX	LFXXX9DJ			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/25/2017	XX	LFXXX9HE			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFXXXA3E			F6	F6	F6	F6	F6		F6		F6		F6	F6

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SUMMARY REPORT
Inorganics Parameters

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

(LF-UD-3A,B)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/17/2018	XX	LFXXXXACE			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/2/2018	XX	LFXXXXB1C			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/23/2019	XX	LFXXXXB6A			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/16/2019	XX	LFXXXXBD1			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/29/2019	XX	LFXXXXBID			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/28/2020	XX	LFXXXXCE1			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/21/2020	XX	LFXXXXCIE			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2020	XX	LFXXXXD3H			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFXXXXDD0			H8	H8	H8	H8	H8		H8		H8		H8	H8
7/13/2021	XX	LFXXXXE0C			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/5/2021	XX	LFXXXXE6J			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/26/2022	XX	LFXXXXF1B			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFXXXXF9A			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFXXXXFJA			F6	F6	F6	F6	F6		F6		F6		F6	F6

LF-UD-4

4/23/2013	XX	LFXXXX5J6		0.5 U		0.04 U	235	4 U	8.8		166		2 U		11.8	0.14
7/30/2013	XX	LFXXXX65B				F6	F6	F6	F6		F6		F6		F6	F6
10/29/2013	XX	LFXXXX680				0.04 U	234	4 U	11.1		168		2 U		13.2	0.1 U
4/22/2014	XX	LFXXXX6G7				0.04 U	252	4 U	14.2		206		2 U		8.9	0.1
7/29/2014	XX	LFXXXX709				F6	F6	F6	F6		F6		F6		F6	F6
10/21/2014	XX	LFXXXX73I				F6	F6	F6	F6		F6		F6		F6	F6
4/28/2015	XX	LFXXXX79H			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/14/2015	XX	LFXXXX7D9			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2015	XX	LFXXXX7IG			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/5/2016	XX	LFXXXX878			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/26/2016	XX	LFXXXX8BI			0.13	0.04	281	36	20.9		177		2 U		20.9	0.2
10/25/2016	XX	LFXXXX8JG			0.25	0.04 U	298	4 U	24.9		202		2 U		12.5	0.2 U
4/18/2017	XX	LFXXXX983			0.14	0.04 U	247	110	8.9		170		2.6		2.4	0.2 U
7/25/2017	XX	LFXXXX9E0			0.18	0.04 U	279	10	24		170		2 U		24	0.2 U
10/25/2017	XX	LFXXXX9HF			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFXXXXA3F			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/17/2018	XX	LFXXXXACF			0.23	0.04 U	291	5.3	8.6		210		2 U		23	0.18
10/2/2018	XX	LFXXXXB1D			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/23/2019	XX	LFXXXXB6B			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/16/2019	XX	LFXXXXBD2			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/29/2019	XX	LFXXXXBIE			0.22	0.18	235	210	11		180		2 U		12	0.13
4/28/2020	XX	LFXXXXCE2			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/21/2020	XX	LFXXXXCIF			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2020	XX	LFXXXXD3I			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFXXXXDD1			H8	H8	H8	H8	H8		H8		H8		H8	H8
7/13/2021	XX	LFXXXXE0D			0.28	0.05	245	11	27		190		2 U		1.3	0.1 U
10/5/2021	XX	LFXXXXE70			0.26	0.04	246	2.5 U	11		200		2 U		1.3	0.1 U
4/26/2022	XX	LFXXXXF1C			0.41	0.08	227	25	9.9		190		1 U		1.9	0.1 U
7/19/2022	XX	LFXXXXF9B			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFXXXXFJB			0.42	0.06	240	27	11		200		1 U		1 U	0.1 U

LF-UD-5and6

4/23/2013	XX	LFXXXX5J7		0.5 U		0.04 U	200	8	11.5		157		2 U		3.6	0.11
7/30/2013	XX	LFXXXX65C				0.04 U	202	4 U	10.8		163		2 U		3.4	0.1 U

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SUMMARY REPORT
Inorganics Parameters

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

(LF-UD-5and6)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
10/29/2013	XX	LFXXX681				0.04 U	244	7	11.8		200		2 U		3.3	0.1 U
4/22/2014	XX	LFXXX6G8				0.04 U	222	18	14.7		181		2 U		4.7	0.1 U
7/29/2014	XX	LFXXX70A				0.04 U	269	4 U	8.7		207		2 U		2.2	0.1
10/21/2014	XX	LFXXX73J				F6	F6	F6	F6		F6		F6		F6	F6
4/28/2015	XX	LFXXX79I			0.5 U	0.04 U	250	4 U	12.4		197		2 U		3.3	0.1 U
7/14/2015	XX	LFXXX7DA			I	I	I	I	I		I		I		I	I
10/27/2015	XX	LFXXX7IH			0.5 U	0.04 U	235	6	11.1		184		2		3.8	0.1 U
4/5/2016	XX	LFXXX879			0.05	0.04 U	247	4 U	12.5		191		2 U		2.9	0.1 U
7/26/2016	XX	LFXXX8BJ			0.05 U	0.04 U	230	4 U	26.9		186		2 U		2.7	0.2 U
10/25/2016	XX	LFXXX8JH			0.2	0.04 U	215	4 U	9.8		167		2 U		2.1	0.2 U
4/18/2017	XX	LFXXX984			0.07	0.04 U	201	2.5 U	18		160		2 U		2.2	0.2 U
7/25/2017	XX	LFXXX9E1			0.21	0.04	243	4.7	11		200		2 U		2.8	0.2 U
10/25/2017	XX	LFXXX9HG			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFXXXA3G			0.14	0.04 U	192	2.5 U	39		150		2 U		1.7	0.13
7/17/2018	XX	LFXXXACG			0.14	0.04 U	220	2.5 U	10		180		2 U		2.7	0.12
10/2/2018	XX	LFXXXB1E			0.21	0.04 U	228	5	14		180		2 U		2.4	0.1 U
4/23/2019	XX	LFXXXB6C			0.14	0.04 U	192	2.5 U	9.7		150		2 U		1.5	0.1
7/16/2019	XX	LFXXXBD3			0.12	0.04 U	211	2.5 U	9.2		170		2 U		2	0.1 U
10/29/2019	XX	LFXXXBIF			0.14	0.08	199	69	9.9		160		2 U		2.1	0.15
4/28/2020	XX	LFXXXCE3			0.2	0.04 U	185	2.5 U	11		150		2 U		2.3	0.17
7/21/2020	XX	LFXXXCIG			0.23	0.04 U	214	2.5 U	11		180		2 U		2.5	0.18
10/27/2020	XX	LFXXXD3J			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFXXXDD2			0.15	0.04 U	187	2.5 U	11		160		2 U		2.1	0.14
7/13/2021	XX	LFXXXE0E			0.13	0.04 U	228	3.7	12		190		2 U		2.6	0.1 U
10/5/2021	XX	LFXXXE71			0.17	0.04 U	215	2.5 U	12		170		2 U		2.3	0.1
4/26/2022	XX	LFXXXF1D			0.13	0.04 U	202	5	10		160		1 U		2.5	0.12
7/19/2022	XX	LFXXXF9C			0.1	0.04 U	241	2.5 U	10		190		1 U		2.9	0.15
10/4/2022	XX	LFXXXFJC			0.21	0.07	200	16	8.4		170		1 U		2.1	0.11
LF-UD-6																
4/23/2013	XX	LFUD6X5J9		0.5 U		0.05	357	4 U	84.9		222		2 U		8.9	0.1
7/30/2013	XX	LFUD6X65E				0.04 U	554	4 U	143		338		3.3		18.2	0.1 U
10/29/2013	XX	LFUD6X683				0.04 U	552	4 U	116		343		3.1		14.1	0.12
4/22/2014	XX	LFUD6X6GA				0.11	464	4 U	128		275		2.9		15	0.1 U
7/29/2014	XX	LFUD6X70C				0.04	522	4 U	52.6		332		2.9		11.5	0.11
10/21/2014	XX	LFUD6X740				0.06	536	4 U	88.7		343		3		9.4	0.11
4/28/2015	XX	LFUD6X7A0			5.6	0.14	530	4 U	96.5		315		2.8		11.2	0.1 U
7/14/2015	XX	LFUD6X7DC			2 U	0.06	523	4 U	99.9		344		2.8		11.1	0.1 U
10/27/2015	XX	LFUD6X7J			1.5	0.09	544	4 U	96.3		337		2.7		12.8	0.1 U
4/5/2016	XX	LFUD6X87B			12	0.27	562	4 U	92.8		293		2.5		12.7	0.1 U
7/26/2016	XX	LFUD6X8C1			D	D	D	D	D		D		D		D	D
10/25/2016	XX	LFUD6X8JJ			I	I	I	I	I		I		I		I	I
4/18/2017	XX	LFUD6X986			2.5	0.12	289	41	7.5		230		2.4		7.5	0.2 U
7/25/2017	XX	LFUD6X9E3			I	I	I	I	I		I		I		I	I
10/25/2017	XX	LFUD6X9HI			5.8	0.16	280	2.5 U	7.3		180		2		1 U	0.1 U
4/3/2018	XX	LFUD6XA3I			5.6	0.12	193	2.5 U	42		130		2.7		1 U	0.1 U
7/17/2018	XX	LFUD6XACI			1.4	0.09	190	2.5 U	10 U		160		2 U		5 U	0.5 U
10/2/2018	XX	LFUD6XB1G			3.5	0.12	172	2.5 U	2 U		120		2 U		1 U	0.1 U
4/23/2019	XX	LFUD6XB6E			27	0.09	309	2.5 U	6.5		84		2 U		1.2	0.1 U
7/16/2019	XX	LFUD6XBD5			9.1	0.13	149	8.7	3.3		49		2 U		1 U	0.1 U

(LF-UD-6)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
10/29/2019	XX	LFUD6XBIH			20	0.65	186	150	4.6		4.9		2.8		1.9	0.1 U
4/28/2020	XX	LFUD6XCE5			60	0.2	438	2.5 U	12		1.5 U		2 U		2 U	0.2 U
7/21/2020	XX	LFUD6XCII			D	D	D	D	D		D		D		D	D
10/27/2020	XX	LFUD6XD41			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFUD6XDD4			130	4.6	1255	30	75		1.5 U		5		18	0.1 U
7/13/2021	XX	LFUD6XE0G			I	I	I	I	I		I		I		I	I
10/5/2021	XX	LFUD6XE72			20	5.7	353	2.5 U	11		1.5 U		2 U		14	0.1 U
4/26/2022	XX	LFUD6XF1E			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFUD6XF9E			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFUD6XFJD			F6	F6	F6	F6	F6		F6		F6		F6	F6

LF-UD-7																
Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
4/23/2013	XX	LFUD7X5JA		F6		F6	F6	F6	F6		F6		F6		F6	F6
7/30/2013	XX	LFUD7X65F				F6	F6	F6	F6		F6		F6		F6	F6
10/29/2013	XX	LFUD7X684				F6	F6	F6	F6		F6		F6		F6	F6
4/22/2014	XX	LFUD7X6GB				F6	F6	F6	F6		F6		F6		F6	F6
7/29/2014	XX	LFUD7X70D				F6	F6	F6	F6		F6		F6		F6	F6
10/21/2014	XX	LFUD7X741				F6	F6	F6	F6		F6		F6		F6	F6
4/28/2015	XX	LFUD7X7A1			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/14/2015	XX	LFUD7X7DD			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2015	XX	LFUD7X7J0			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/5/2016	XX	LFUD7X87C			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/26/2016	XX	LFUD7X8C2			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/25/2016	XX	LFUD7X900			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/18/2017	XX	LFUD7X987			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/25/2017	XX	LFUD7X9E4			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/25/2017	XX	LFUD7X9HJ			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFUD7XA3J			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/17/2018	XX	LFUD7XACJ			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/2/2018	XX	LFUD7XB1H			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/23/2019	XX	LFUD7XB6F			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/16/2019	XX	LFUD7XBD6			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/29/2019	XX	LFUD7XBII			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/28/2020	XX	LFUD7XCE6			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/21/2020	XX	LFUD7XCUI			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2020	XX	LFUD7XD42			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFUD7XDD5			H8	H8	H8	H8	H8		H8		H8		H8	H8
7/13/2021	XX	LFUD7XE0H			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/5/2021	XX	LFUD7XE73			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/26/2022	XX	LFUD7XF1F			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFUD7XF9F			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFUD7XFJE			F6	F6	F6	F6	F6		F6		F6		F6	F6

LF-UD-8																
Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
4/23/2013	XX	LFUD8X5JD		0.5 U		0.04 U	195	4 U	7.3		152		2 U		3.5	0.1 U
7/30/2013	XX	LFUD8X65G				0.04 U	216	4 U	9.6		172		2 U		4	0.1 U
10/29/2013	XX	LFUD8X685				0.04 U	222	4 U	8.2		180		2 U		3.5	0.1 U
4/22/2014	XX	LFUD8X6GC				F12	F12	F12	F12		F12		F12		F12	F12
7/29/2014	XX	LFUD8X70E				0.05	74	4 U	4.6		38		5.7		3.3	0.1 U
10/21/2014	XX	LFUD8X742				0.04 U	69	4	12.9		12.4		5.4		3.7	0.1 U

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(LF-UD-8)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/28/2015	XX	LFUD8X7A2			0.5 U	0.08	74	9	17		21		3.6		7.3	0.1 U
7/14/2015	XX	LFUD8X7DE			I	I	I	I	I		I		I		I	I
10/27/2015	XX	LFUD8X7J1			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/5/2016	XX	LFUD8X87D			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/26/2016	XX	LFUD8X8C3			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/25/2016	XX	LFUD8X901			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/18/2017	XX	LFUD8X988			0.05 U	0.04	55	6	49		9.4		3.7		14	0.2 U
7/25/2017	XX	LFUD8X9E5			D	D	D	D	D		D		D		D	D
10/25/2017	XX	LFUD8X9I0			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFUD8XA40			0.11	0.04	71	43	11		15		2.5		3.8	0.1 U
7/17/2018	XX	LFUD8XAD0			D	D	D	D	D		D		D		D	D
10/2/2018	XX	LFUD8XB11			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/23/2019	XX	LFUD8XB6G			0.058	0.1	70	11	14		14		4.7		7.1	0.1 U
7/16/2019	XX	LFUD8XBD7			0.05 U	0.04 U	53	5.5	8.7		14		6.3		4.7	0.1 U
10/29/2019	XX	LFUD8XB1J			0.062	0.04	42	6.7	13		6		4.8		2	0.1 U
4/28/2020	XX	LFUD8XCE7			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/21/2020	XX	LFUD8XCJ0			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2020	XX	LFUD8XD43			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFUD8XDD6			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/13/2021	XX	LFUD8XE0I			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/5/2021	XX	LFUD8XE74			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/26/2022	XX	LFUD8XF1G			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFUD8XF9G			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFUD8XFJF			F6	F6	F6	F6	F6		F6		F6		F6	F6
LF-UD-9																
4/5/2016	XX	LFUD9X881			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/26/2016	XX	LFUD9X8CA			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/25/2016	XX	LFUD9X905			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/18/2017	XX	LFUD9X98F			0.88	0.08	224	57	11		90		2.7		5.1	0.2 U
10/25/2017	XX	LFUD9X9I4			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFUD9XA47			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/17/2018	XX	LFUD9XAD4			D	D	D	D	D		D		D		D	D
10/2/2018	XX	LFUD9XB22			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/23/2019	XX	LFUD9XB73			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/16/2019	XX	LFUD9XBDD			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/29/2019	XX	LFUD9XB1J3			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/28/2020	XX	LFUD9XCED			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/21/2020	XX	LFUD9XCJ6			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2020	XX	LFUD9XD47			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFUD9XDDA			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/13/2021	XX	LFUD9XE11			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/5/2021	XX	LFUD9XE78			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/26/2022	XX	LFUD9XF1J			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFUD9XF9J			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFUD9XFJ1			F6	F6	F6	F6	F6		F6		F6		F6	F6
LF-UD-10																
10/25/2017	XX	LFXXX9ID			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/3/2018	XX	LFXXXA48			F6	F6	F6	F6	F6		F6		F6		F6	F6

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(LF-UD-10)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/17/2018	XX	LFU10XAD6			D	D	D	D	D		D		D		D	D
10/3/2018	XX	LFXXXB27			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/23/2019	XX	LFXXXB74			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/16/2019	XX	LFXXXBDE			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/29/2019	XX	LFXXXBJ7			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/28/2020	XX	LFXXXCEE			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/21/2020	XX	LFXXXCJ7			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/27/2020	XX	LFXXXD4B			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/6/2021	XX	LFXXXDD8			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/13/2021	XX	LFXXXE12			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/5/2021	XX	LFXXXE7C			F6	F6	F6	F6	F6		F6		F6		F6	F6
4/26/2022	XX	LFXXXF23			F6	F6	F6	F6	F6		F6		F6		F6	F6
7/19/2022	XX	LFXXXFA0			F6	F6	F6	F6	F6		F6		F6		F6	F6
10/4/2022	XX	LFXXXG02			F6	F6	F6	F6	F6		F6		F6		F6	F6

LP-UD-1																
4/23/2013	XX	LPUD1X5I8		F6		F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/30/2013	XX	LPUD1X64D				F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/29/2013	XX	LPUD1X676				F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/22/2014	XX	LPUD1X6F9				F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/29/2014	XX	LPUD1X6JG				F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/21/2014	XX	LPUD1X737				F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2015	XX	LPUD1X794			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/14/2015	XX	LPUD1X7CG			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/26/2015	XX	LPUD1X7I5			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LPUD1X86F			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/26/2016	XX	LPUD1X8B5			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/25/2016	XX	LPUD1X8J4			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LPUD1X97A			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/25/2017	XX	LPUD1X9D8			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/25/2017	XX	LPUD1X9H3			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/3/2018	XX	LPUD1XA32			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/17/2018	XX	LPUD1XAC3			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/2/2018	XX	LPUD1XB11			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LPUD1XB5I			0.31	0.04 U	163	2.5 U	23		120		2 U		3.1	0.1 U
7/16/2019	XX	LPUD1XBCA			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/29/2019	XX	LPUD1XBI3			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LPUD1XCDA			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/22/2020	XX	LPUD1XCI3			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/27/2020	XX	LPUD1XD37			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LPUD1XDC9			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/13/2021	XX	LPUD1XE01			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/5/2021	XX	LPUD1XE69			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LPUD1XF11			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
7/19/2022	XX	LPUD1XF8J			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/4/2022	XX	LPUD1XFJ0			F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LP-UD-2																
4/23/2013	XX	LPUD2X5I9		0.5 U		0.04 U	185	4 U	12.2		137		2 U		6.7	0.11
7/30/2013	XX	LPUD2X64E				0.04 U	182	4 U	12.1		136		2 U		7.2	0.1 U

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(LP-UD-2)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
10/29/2013	XX	LPUD2X677				0.04 U	194	4 U	10.4		153		2 U		6.2	0.11
4/22/2014	XX	LPUD2X6FA				0.04 U	183	4 U	13.9		140		2 U		8.3	0.1 U
7/29/2014	XX	LPUD2X6JH				0.04 U	193	4 U	4.7		139		2 U		3.9	0.1 U
10/21/2014	XX	LPUD2X738				0.04 U	189	4 U	8.1		137		2 U		3.9	0.1 U
4/28/2015	XX	LPUD2X795			0.5 U	0.04 U	182	4 U	9.2		137		2 U		5.9	0.1 U
7/14/2015	XX	LPUD2X7CH			2 U	0.04 U	202	4 U	10.4		145		2 U		4.9	0.1 U
10/27/2015	XX	LPUD2X716			0.5 U	0.04 U	184	4 U	8.9		142		2 U		6.8	0.1 U
4/5/2016	XX	LPUD2X86G			0.1	0.04 U	177	4 U	9.9		137		2 U		5.7	0.1 U
7/26/2016	XX	LPUD2X8B6			0.13	0.04 U	218	4 U	8.6		163		2 U		5	0.2 U
10/25/2016	XX	LPUD2X8J5			0.14	0.04 U	294	4	10.7		229		2 U		5.4	0.2 U
4/18/2017	XX	LPUD2X97B			0.14	0.04 U	248	2.5 U	2 U		220		2 U		9.1	0.2 U
7/25/2017	XX	LPUD2X9D9			0.2	0.04 U	199	2.5 U	9.3		150		2 U		4.7	0.2 U
10/25/2017	XX	LPUD2X9H4			0.23	0.04 U	196	2.5 U	8.8		130		2 U		4	0.1 U
4/3/2018	XX	LPUD2XA33			0.3	0.04 U	156	2.5 U	2.1		120		2 U		3.6	0.1 U
7/17/2018	XX	LPUD2XAC4			0.27	0.04 U	184	2.5 U	8.8		140		2 U		4.3	0.1 U
10/2/2018	XX	LPUD2XB12			0.21	0.04 U	191	2.5 U	8.3		140		2 U		3.7	0.1 U
4/23/2019	XX	LPUD2XB5J			0.3	0.04 U	154	2.5 U	8.9		120		2 U		3.1	0.1 U
7/16/2019	XX	LPUD2XBCB			0.22	0.04 U	159	2.5 U	9.5		130		2 U		4	0.1 U
10/29/2019	XX	LPUD2XB14			0.23	0.04 U	165	2.5 U	9.3		130		2 U		3	0.1 U
4/28/2020	XX	LPUD2XCDB			0.38	0.04 U	170	2.5 U	9.6		140		2 U		3.4	0.1 U
7/21/2020	XX	LPUD2XC14			0.085	0.04 U	204	41	9.8		150		2 U		4.2	0.13
10/27/2020	XX	LPUD2XD38			0.24	0.17	199	36	8.1		150		27 M10		8.4	0.12
4/6/2021	XX	LPUD2XDCA			0.37	0.04 U	179	6.5	9.3		140		2 U		6.2	0.11
7/13/2021	XX	LPUD2XE02			0.36	0.04 U	203	2.5 U	9.9		150		2 U		5.2	0.1 U
10/5/2021	XX	LPUD2XE6A			0.34	0.04 U	187	4.7	9.6		140		2 U		4.3	0.1 U
4/26/2022	XX	LPUD2XF12			0.3	0.04 U	185	2.5 U	8.1		140		1 U		2.9	0.1 U
7/19/2022	XX	LPUD2XF90			0.25	0.04 U	215	2.5	9.4		170		1 U		3.1	0.1 U
10/4/2022	XX	LPUD2XFJ1			0.41	0.04 U	180	4 U	7.5		150		1 U		2.5	0.1 U
MW-04-09A																
2/26/2020	XX	GWX09AC56	0.25 U	0.5 U	0.05 U		203	59	2 U	0.1 U		84	3		5	0.1 U
4/30/2020	XX	GWX09ACC1	0.25 U	0.5 U	0.05 U		240	93	63	0.1 U		88	4.4		4.1	0.1 U
6/23/2020	XX	GWX09ACGC	0.25 U	0.5 U	0.05 U		243	12	82	0.17		90	4.9		5.7	0.1 U
8/20/2020	XX	GWX09AD1J	0.25 U	0.5 U	0.05 U		272	11	96	1.1		92	7.1		5.7	0.1 U
7/15/2021	XX	GWXXXXE20	0.25 U	0.5 U	0.05 U		238	3.3	80	0.1 U		100	4.2		5.9	0.1 U
10/7/2021	XX	GWX09AE86	0.2 U	0.5 U	0.05 U		240	27	72	0.1 U		97	3		5.3	0.1 U
4/27/2022	XX	GWX09AF2C	0.2 U	0.5 U	0.051		223	5.3	62	0.1 U		99	3.7		4.4	0.1 U
7/20/2022	XX	GWXXXXFAF	0.2 U	0.5 U	0.05 U		223	2.5 U	65	0.1 U		95	3.2		4.8	0.1 U
10/5/2022	XX	GWX09AG0B	0.53	0.5 U	0.14		150	4 U	54	0.1 U		95	1.6		4.3	0.1 U
MW-04-09B																
2/26/2020	XX	GWX09BC57	0.25 U	0.5 U	0.078		103	2.5	2 U	0.1 U		52	2 U		3.3	0.1 U
4/30/2020	XX	GWX09BCC2	0.25 U	0.5 U	0.05 U		83	4.3	7.3	0.1 U		41	2 U		2.8	0.1 U
6/23/2020	XX	GWX09BCGD	0.25 U	0.5 U	0.066		84	3	6.2	0.1 U		41	2 U		3.3	0.1 U
8/20/2020	XX	GWX09BD20	0.28	0.5 U	0.056		81	2.5 U	5.8	0.1 U		47	2 U		3.4	0.1 U
7/15/2021	XX	GWXXXXE21	0.25 U	0.5 U	0.08		87	3	4.5	0.1 U		44	2 U		4	0.1 U
10/7/2021	XD	GWDP5XE8E	0.6	2.5 U	0.05 U		91	2.5 U	3.4	0.1 U		44	2 U		3.8	0.1 U
10/7/2021	XX	GWX09BE87	0.2 U	0.5 U	0.063		90	2.5 U	4	0.1 U		45	2 U		3.9	0.1 U
4/27/2022	XD	GWDP5XF30	0.2 U	0.5 U	0.072		82	2.5 U	3.9	0.1 U		43	1 U		4.3	0.1 U
4/27/2022	XX	GWX09BF2D	0.2 U	0.5 U	0.068		82	2.5 U	3.7	0.1 U		39	1 U		4.3	0.1 U

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Inorganics Parameters

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

(MW-04-09B)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/20/2022	XX	GWXXXXFAG	0.2 U	0.5 U	0.055		93	2.5 U	3.3	0.1 U		39	1 U		4.3	0.1 U
10/5/2022	XD	GWDP5XG0J	0.23	0.5 U	0.17		280	4 U	3.3	0.1 U		45	1 U		4.1	0.1 U
10/5/2022	XX	GWX09BG0C	0.57	0.5 U	0.16		42	4 U	3.8	0.1 U		44	1 U		4.4	0.1 U

MW04-102

4/23/2013	XX	GW102X5J0	0.3 U	0.5 U			143	4 U	13.2		100		2 U		2.4	0.1 U
7/31/2013	XX	GW102X655	0.646				134	4 U	9.1		102		2 U		1.2	0.1 U
10/28/2013	XX	GW102X67F	0.5 U				137	4 U	9.1		101		2 U		2.5	0.1 U
4/23/2014	XX	GW102X6G1	0.5 U				127	4 U	11.2		103		2 U		1.8	0.1 U
7/30/2014	XX	GW102X704	0.5 U				132	4 U	8.7		99		2 U		1.4	0.1 U
10/21/2014	XX	GW102X73F	0.5 U				143	4 U	10.2		103		2 U		1.5	0.1 U
4/29/2015	XX	GW102X79C	0.5 U		0.5 U		127	4 U	12.7		100		2 U		2.1	0.1 U
7/14/2015	XX	GW102X7D4	0.5 U		2 U		135	4 U	13.8		98		2 U		2.5	0.1 U
10/28/2015	XX	GW102X7ID	0.5 U		0.5 U		138	4 U	10.8		99		2 U		2.2	0.1 U
4/5/2016	XX	GW102X873	0.5 U		0.05 U		133	4 U	14.1		100		2 U		1.6	0.1 U
7/26/2016	XX	GW102X8BD	0.5 U		0.05 U		136	4 U	14.5		99		2 U		2.2	0.2 U
10/25/2016	XX	GW102X8JC	0.5 U		0.05		151	5	12.2		99		2 U		1.7	0.2 U
4/19/2017	XX	GW102X97I	0.5 U		0.07		130	2.5 U	10		100		2 U		1.5	0.2 U
7/26/2017	XX	GW102X9DG	0.5 U		0.06		123	2.5 U	12		99		2 U		1.7	0.2 U
10/25/2017	XX	GW102X9HB	0.25 U		0.05		150	2.5 U	12		94		2 U		1.4	0.1 U
4/4/2018	XX	GW102XA3A	0.5 U		0.12		140	3	5.7		100		2 U		1.1	0.1 U
7/18/2018	XX	GW102XACB	0.25 U		0.054		133	2.5 U	12		100		2 U		1.7	0.1 U
10/3/2018	XX	GW102XB19	0.25 U		0.074		143	2.5 U	13		100		2 U		1.5	0.1 U
4/24/2019	XX	GW102XB66	0.25 U		0.11		131	2.5 U	13		98		2 U		1.2	0.1 U
7/17/2019	XX	GW102XBCH	0.25 U		0.065		132	2.5 U	13		99		2 U		1.1	0.1 U
10/28/2019	XX	GW102XBIA	0.25 U		0.091		131	2.5 U	13		100		2 U		1.9	0.1 U
4/27/2020	XX	GW102XCDH	0.25 U		0.15		138	2.5 U	13		100		2 U		2 U	0.2 U
7/20/2020	XX	GW102XCIA	0.25 U		0.089		133	2.5 U	13		100		2 U		1.6	0.1 U
10/26/2020	XX	GW102XD3E	0.28		0.085		136	2.5 U	11		110		5.2 M10		1.1	0.1 U
4/5/2021	XX	GW102XDCCG	0.25 U		0.11		135	2.5 U	13		110		2 U		1.7	0.1 U
7/12/2021	XX	GW102XE08	0.25 U		0.081		132	2.5 U	13		97		2 U		1 U	0.1 U
10/4/2021	XX	GW102XE6G	0.2 U		0.058		135	2.5 U	9.5		100		2 U		1.2	0.1 U
4/25/2022	XX	GW102XF18	0.51		0.16		126	2.5 U	12		100		1 U		1	0.1 U
7/18/2022	XX	GW102XF96	0.2 U		0.07		139	3	10		100		1 U		1.2	0.1 U
10/3/2022	XX	GW102XFJ7	0.2 U		0.11		91	4 U	8.8		100		1 U		1.1	0.1 U

MW04-105

4/24/2013	XX	GW105X5J1	0.3 U	0.5 U			162	4 U	5.5		111		2 U		7.7	0.1 U
4/24/2013	XD	GWDP3X5HJ	0.3 U	0.5 U			154	4 U	5.6		110		2 U		7.3	0.1 U

MW04-109R

4/23/2013	XX	GW109X5J2	0.3 U	0.5 U			245	4 U	8.7		190		2 U		6.5	0.17
7/30/2013	XX	GW109X657	0.444				242	4 U	8.6		195		2 U		7.7	0.14
10/29/2013	XX	GW109X67G	0.5 U				259	4 U	7.7		206		2 U		6.3	0.16
4/22/2014	XX	GW109X6G3	0.5 U				236	4 U	8.7		196		2 U		8.1	0.25
7/29/2014	XX	GW109X705	0.5 U				248	4 U	4		198		2 U		6.6	0.13
10/21/2014	XX	GW109X73G	0.5 U				260	4 U	5.8		209		2 U		4.9	0.14
4/28/2015	XX	GW109X79D	0.5 U		0.5 U		256	4 U	9.6		201		2 U		7.2	0.2
7/14/2015	XX	GW109X7D5	0.5 U		2 U		247	4 U	9.1		193		2 U		6	0.17
10/27/2015	XX	GW109X7IE	0.5 U		0.5 U		265	4 U	9.2		207		2 U		6.7	0.2
4/5/2016	XX	GW109X874	0.5 U		0.05 U		256	4 U	10.9		199		2 U		6.6	0.1 U

SUMMARY REPORT
Inorganics Parameters

(MW04-109R)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/26/2016	XX	GW109X8BE	0.5 U		0.05 U		245	4 U	10.6		193		2 U		8.4	0.2
10/25/2016	XX	GW109X8JD	0.5 U		0.08		270	4 U	8.3		200		2 U		4.7	0.2
4/18/2017	XX	GW109X97J	0.5 U		0.05 U		261	2.5 U	8.6		230		2 U		5.5	0.2 U
7/25/2017	XX	GW109X9DH	0.5 U		0.06		259	2.5 U	12		210		2 U		6	0.2 U
10/24/2017	XX	GW109X9HC	0.25 U		0.05 U		267	2.5 U	9.1		190		2 U		9.9	0.1 U
4/3/2018	XX	GW109XA3B	0.25 U		0.15		271	2.5 U	55		220		2 U		5.5	0.17
7/17/2018	XX	GW109XACC	0.29		0.21		258	2.5 U	9.9		200		2.1		11	0.15
10/2/2018	XX	GW109XB1A	0.25 U		0.1		252	2.5 U	9		200		2 U		5	0.11
4/23/2019	XX	GW109XB67	0.25 U		0.058		256	2.5 U	10		210		2 U		3.8	0.16
7/16/2019	XX	GW109XBCI	0.25 U		0.05 U		265	2.5 U	8.9		220		2 U		6.8	0.15
10/29/2019	XX	GW109XBIB	0.92		0.05 U		260	2.5 U	8.5		210		2		1 U	0.2
4/28/2020	XX	GW109XCDI	0.25 U		0.11		251	2.5 U	10		210		2 U		4.2	0.16
7/21/2020	XX	GW109XCIB	0.29		0.073		252	2.5 U	8		200		2 U		3.6	0.23
10/27/2020	XX	GW109XD3F	0.27		0.058		224	2.5 U	6.8		190		54 M10		2.8	0.14
4/6/2021	XX	GW109XDCH	0.25 U		0.065		245	2.5 U	7.6		210		2 U		3.6	0.2
7/13/2021	XX	GW109XE09	0.25 U		0.05 U		246	2.5 U	7.1		200		2 U		4.2	0.2
10/5/2021	XX	GW109XE6H	0.2 U		0.05 U		248	2.5 U	7.6		200		2 U		2.1	0.1 U
4/26/2022	XX	GW109XF19	0.25		0.052		232	2.5 U	6		190		1.7		3.7	0.15
7/19/2022	XD	GWDP7XFB1	0.35		0.05 U		248	2.5 U	5.8		190		1.7		5.5	0.2
7/19/2022	XX	GW109XF97	0.32		0.05 U		244	2.5 U	6.4		190		1.7		5.7	0.18
10/4/2022	XX	GW109XFJ8	0.2 U		0.12		650	4 U	5.9		180		1.6		3.3	0.13
MW06-01																
4/10/2018	XD	GWDP1XA68	0.25 U	0.5 U	0.14	0.04 U	53	2.5 U	2.3	0.1 U		32	2 U	1 U	4.8	0.1 U
4/10/2018	XX	GWXXXXA70	0.25 U	0.5 U	0.13	0.04 U	50	2.5 U	2.3	0.1 U		32	2 U	1 U	4.8	0.1 U
6/4/2018	XX	GWXXXXA7H	0.25 U	0.5 U	0.11	0.04 U	75	2.5 U	2.8	0.1 U		32	2 U	1 U	8.9	0.1 U
7/18/2018	XX	GWXXXXAEF	0.25 U		0.13		72	2.5 U	3			31	2 U	1 U	8.1	0.1 U
8/20/2018	XD	GWDP1XAF4	0.25 U		0.097		68	2.5 U	2.7			32	2 U		7.3	0.1 U
8/20/2018	XX	GWXXXXAFG	0.25 U		0.078		78	2.5 U	2.6			31	2 U		7.3	0.1 U
4/24/2019	XX	GWXXXXB7D	0.25 U		0.091		60	2.5 U	2.9		30		2 U		4.4	0.1 U
7/18/2019	XX	GWXXXXBE1	0.25 U		0.13		77	2.5 U	2.6		34		2 U		7.5	0.1 U
10/30/2019	XX	GWXXXXBJ8	0.25 U		0.11		50	2.5 U	9.2		23		2 U		1.3	0.1 U
4/29/2020	XX	GWXXXXCF1	0.25 U		0.15		60	2.5 U	3.3		31		2 U		7.8	0.1 U
7/22/2020	XX	GWXXXXCJE	0.25 U		0.05 U		64	2.5 U	3.3		31		2 U		6.7	0.1 U
10/28/2020	XX	GWXXXXD4C	0.25 U		0.16		53	2.5 U	2.7		33		4.9 M10		7.7	0.1 U
4/7/2021	XX	GWXXXXDDI	0.25 U		0.14	0.04 U	81	2.5 U	2 U		37		2 U	2 U	7.9	0.1 U
7/14/2021	XX	GWXXXXE19	0.25 U		0.22		83	2.5 U	2.6		39		2 U		11	0.1 U
10/6/2021	XX	GWXXXXE7D	0.2 U		0.26		98	2.5 U	2.4		40		2 U		11	0.1 U
4/27/2022	XX	GWXXXXF24	0.2 U		0.23		129	2.5 U	2.5		69		1 U		12	0.2
7/20/2022	XX	GWXXXXFA7	0.2 U	0.5 U	0.27		128	2.5 U	2.5	0.1 U		62	1 U		13	0.1 U
10/5/2022	XX	GWXXXXG03	0.2 U		0.34		140	4 U	2.3			67	1 U		12	0.14
MW-08-01																
2/9/2021	XX	GWXXXXA0	0.25 U	0.5 U	0.089	0.08	162	4.7	19	0.1 U		93	2 U	2 U	6.9	0.1 U
4/7/2021	XX	GWXXXXDAJ	0.25 U	0.5 U	0.05 U	0.08	143	3.5	13	0.1 U		95	2 U	2 U	3.8	0.1 U
6/9/2021	XX	GWXXXXDH2	0.25 U	0.5 U	0.067	0.07	141	2.5 U	12	0.1 U		90	2 U	2 U	2.9	0.1 U
8/19/2021	XX	GWXXXXE4G	0.2 U	0.5 U	0.05 U	0.07	145	2.5 U	14	0.1 U		90	2 U	2 U	4.2	0.1 U
10/4/2021	XX	GWXXXXE9B	0.2 U	0.5 U	0.05 U					0.1 U			2 U			
10/5/2021	XX	GWXXXXE9BINO28					149	2.5 U	18			91			5.1	0.1 U
4/27/2022	XX	GWXXXXF3G	0.38	0.5 U	0.05 U		179	31	19	0.1 U		96	1 U		5.9	0.1 U

(MW-08-01)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/21/2022	XX	GWXXXXFBD	0.2 U	0.5 U	0.087		135	3	14	0.3 U		86	1 U		4.2	0.1 U
10/5/2022	XX	GWXXXXG1F	0.24	0.5 U	1.3		130	6.4	16	0.1 U		89	1.1		7.3	0.1 U
MW09-901																
4/23/2013	XX	GW901X5I0	0.3 U	0.5 U			116	4 U	10.8		81		2 U		2.5	0.1 U
7/30/2013	XX	GW901X645	0.52				110	4 U	10.7		80		2 U		2	0.1 U
10/29/2013	XX	GW901X66I	0.5 U				116	4 U	9.2		85		2 U		2.7	0.1 U
4/22/2014	XX	GW901X6F1	0.5 U				110	4 U	12.1		83		2 U		2.7	0.1 U
7/29/2014	XX	GW901X6J8	0.5 U				128	4 U	4.6		96		2 U		1.8	0.1 U
10/21/2014	XX	GW901X72J	0.5 U				170	4 U	8.1		132		2 U		3	0.1 U
4/28/2015	XX	GW901X78G	0.5 U		0.5 U		175	4 U	11		142		2 U		4.6	0.1 U
7/14/2015	XX	GW901X7C8	0.5		2 U		178	4 U	11.2		141		2 U		4.4	0.1 U
10/27/2015	XX	GW901X7HH	0.6		0.5 U		198	4 U	10.9		154		2 U		5.8	0.1 U
4/5/2016	XD	GWDP1X85F	0.5 U		0.13		194	4 U	12.4		154		2 U		5.2	0.1 U
4/5/2016	XX	GW901X867	0.5 U		0.06		188	4 U	12.3		155		2 U		5.4	0.1 U
7/26/2016	XD	GWDP1X8A5	0.5 U		0.05 U		205	4 U	12.1		158		2 U		6.2	1.2
7/26/2016	XX	GW901X8AH	1.5		0.05 U		203	4 U	12.4		157		2 U		6.1	0.2 U
10/25/2016	XX	GW901X8IG	0.5 U		0.11		224	4 U	9.9		159		2 U		5.9	0.2
4/18/2017	XD	GWDP1X96A	0.5 U		0.29		197	2.5 U	10		170		2 U		6	0.2 U
4/18/2017	XX	GW901X972	0.5 U		0.29		206	2.5 U	11		170		2 U		6.1	0.2 U
7/25/2017	XD	GWDP1X9C8	0.5 U		0.35		224	2.5 U	14		170		2 U		6.8	0.2 U
7/25/2017	XX	GW901X9D0	0.5 U		0.4		230	2.5 U	14		160		2 U		6.8	0.2 U
10/24/2017	XX	GW901X9GF	0.25 U		0.23		234	2.5 U	13		170		2 U		9.5	0.1 U
4/3/2018	XD	GWDP1XA21	0.25 U		0.61		220	2.5 U	45		170		2 U		7.4	0.16
4/3/2018	XX	GW901XA2E	0.34		0.6		235	2.5 U	47		170		2 U		7.4	0.15
7/17/2018	XD	GWDP1XAB3	0.25 U		0.76		234	2.5 U	13		170		2 U		13	0.12
7/17/2018	XX	GW901XABF	0.36		0.75		231	2.5 U*	14		180		2 U		14	0.13
10/2/2018	XX	GW901XB0D	0.25 U		0.37		234	2.5 U	13		170		2 U		10	0.17
4/23/2019	XD	GWDP1XB4H	0.3		0.18		217	2.5 U	11		170		2 U		4.7	0.32
4/23/2019	XX	GW901XB5A	0.25 U		0.2		217	2.5 U	11		170		2 U		4.8	0.26
7/16/2019	XD	GWDP1XBBA	0.25 U		0.24		236	2.5 U	12		180		2 U		8.7	0.22
7/16/2019	XX	GW901XBC2	0.25 U		0.22		227	2.5 U	12		180		2 U		8.6	0.23
10/29/2019	XX	GW901XBHF	0.25 U		0.05 U		209	2.5 U	13		160		2 U		5.1	0.27
4/28/2020	XD	GWDP1XCCA	0.25 U		0.1		220	2.5 U	14		170		2 U		5.9	0.32
4/28/2020	XX	GW901XCD2	0.25 U		0.11		216	2.5 U	14		170		2 U		6	0.32
7/21/2020	XD	GWDP1XCH3	0.25 U		0.073		216	2.5 U	12		170		2 U		4.2	0.32
7/21/2020	XX	GW901XCHF	0.25 U		0.05 U		219	2.5 U	13		170		2 U		4.4	0.29
10/27/2020	XX	GW901XD2J	0.25 U		0.05 U		194	2.5 U	12		160		39 M10		3.3	0.15
4/6/2021	XD	GWDP1XDB9	0.25 U		0.09		220	2.5 U	12		180		2 U		4.6	0.3
4/6/2021	XX	GW901XDC1	0.25 U		0.086		227	2.5 U	12		180		2 U		3.5	0.29
7/13/2021	XD	GWDP1XDJ1	0.25 U		0.05 U		202	2.5 U	12		160		2 U		1 U	0.1 U
7/13/2021	XX	GW901XDJD	0.25 U		0.05 U		209	2.5 U	12		160		2 U		4.1	0.24
10/5/2021	XX	GW901XE61	0.24		0.05 U		202	2.5 U	11		160		2 U		2.5	0.1
4/26/2022	XX	GW901XF0D	0.31		0.44		240	2.5 U	12		180		1.3		14	0.28
7/19/2022	XD	GWDP1XF7J	0.2 U		0.05 U		231	2.5 U	10		180		1.2		7.2	0.23
7/19/2022	XX	GW901XF8B	0.22		0.05 U		212	2.5 U	11		170		1.2		7.8	0.28
10/4/2022	XX	GW901XFC	0.2 U		0.12		270	4 U	8.4		140		2.2		6.4	0.21
MW-204																
4/24/2013	XX	GW204X5ID	0.381	0.5 U			134	5	6.2		77		2 U		5.5	0.1 U

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

(MW-206)		Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L

MW-206															
4/22/2013	XX	GW206X5H2	0.311	0.5 U			88	4 U	2.8		66		2 U	2.4	0.1 U
7/29/2013	XX	GW206X637	0.684				88	4 U	2.2		66		2 U	2	0.1 U
7/29/2013	XD	GWDP4X64A	0.492				90	4 U	2.2		63		2 U	1.8	0.1 U
10/28/2013	XX	GW206X660	0.5 U				95	4 U	2.3		70		2 U	2.4	0.1 U
4/21/2014	XX	GW206X6E3	0.5 U				83	4 U	2 U		71		2 U	2.6	0.1 U
7/28/2014	XX	GW206X6IB	0.5 U				83	4 U	2 U		68		2 U	1.3	0.1 U
7/28/2014	XD	GWDP1X6IG	0.8				87	4 U	2 U		67		2 U	1.1	0.1 U
10/20/2014	XX	GW206X721	0.5 U				91	4 U	2 U		74		2 U	1.6	0.1 U
4/27/2015	XX	GW206X77J	0.5 U		0.5 U		88	4 U	2 U		69		2 U	3.6	0.1 U
7/13/2015	XX	GW206X7BB	0.5 U		2 U		95	4 U	2.1		70		2 U	1.3	0.1 U
7/13/2015	XD	GWDP3X7C7	0.5 U		2 U		95	4 U	2 U		65		2 U	1.6	0.1 U
10/26/2015	XX	GW206X7H0	0.5 U		0.5 U		95	4 U	2 U		68		2 U	3.2	0.1 U
4/4/2016	XX	GW206X85A	1.2		0.05		95	4 U	2.3		70		2 U	1.9	0.1 U
7/25/2016	XD	GWDP4X8B2	0.7		0.14		95	4 U	2 U		68		2 U	1.4	0.2 U
7/25/2016	XX	GW206X8A0	0.7		0.05 U		95	4 U	2 U		69		2 U	1.5	0.2 U
10/24/2016	XX	GW206X8HJ	0.5 U		0.18		97	4 U	2 U		69		2 U	1.6	0.2 U
4/17/2017	XX	GW206X965	0.5 U		0.16		102	37	2 U		73		2 U	1.3	0.2 U
7/24/2017	XD	GWDP4X9D5	0.5 U		0.18		110	5 U	2.3		70		2 U	1.9	0.2 U
7/24/2017	XX	GW206X9C3	0.5 U		0.13		68	5 U	2.3		69		2 U	2.1	0.2 U
10/23/2017	XX	GW206X9F1	0.25 U		0.22		92	2.5 U	2 U		64		2 U	1	1.2
4/2/2018	XX	GW206XA1G	0.25 U		0.23		97	8	2 U		71		2 U	1.4	0.1 U
7/16/2018	XD	GWDP4XAC0	0.49		0.28		80	2.5 U	2 U		66		2 U	1.9	0.1 U
7/16/2018	XX	GW206XAAI	0.26		0.26		88	2.5 U	2.4		70		2 U	2.3	0.1 U
10/1/2018	XX	GW206XAJG	0.25 U		0.05 U		92	2.5 U	2.1		72		2 U	1.9	0.1 U
4/22/2019	XX	GW206XB4C	0.25 U		0.2		97	5	2 U		68		2 U	1.7	0.1 U
7/17/2019	XX	GW206XBB5	0.25 U		0.18		93	2.5 U	2.3		71		2 U	2	0.1 U
10/28/2019	XX	GW206XBGJ	0.25 U		0.18		99	2.5 U	2 U		71		2 U	2.2	0.1 U
4/27/2020	XX	GW206XCC5	0.25 U		0.11		101	3	2.4		74		2 U	2.4	0.1 U
7/20/2020	XX	GW206XCGI	0.25 U		0.26		89	2.5 U	2.6		70		2 U	2.8	0.1 U
10/26/2020	XX	GW206XD23	0.25 U		0.16		89	2.5 U	1.7		72	6.6 M10		2	0.1 U
4/5/2021	XX	GW206XDB4	0.25 U		0.14		93	2.5 U	2.3		70		2 U	2.8	0.1 U
7/14/2021	XX	GW206XDIG	0.25 U	0.5 U	0.12		90	2.5 U	2.1	0.1 U	68		2 U	2.4	0.1 U
10/4/2021	XX	GWXXXXE8D	0.31	0.5 U	0.11		95	2.5 U	2 U	0.1 U	70		2 U	2.4	0.1 U
4/25/2022	XX	GWXXXXF2J	0.5 UH	0.5 U	0.096		94	2.5 U	2 U	0.1 U	68		1 U	2.3	0.1 U
7/18/2022	XX	GW206XF7E	0.2 U	0.5 U	0.082		101	2.5	2 U	0.1 U	72		1 U	2.5	0.1 U
10/3/2022	XX	GWXXXXG0I	0.2 U	0.5 U	0.13		23	4 U	2 U	0.1 U	70		1 U	2	0.1 U

MW-223A															
4/23/2013	XX	GW223A5H5	0.323	0.5 U			275	4 U	9		168		2 U	34.9	0.2
4/23/2013	XD	GWDP1X5H8	0.3 U	0.5 U			275	4 U	9.8		168		2 U	35.2	0.18
7/30/2013	XX	GW223A63A	0.556				266	4 U	9.3		168		2 U	45.2	0.15
10/29/2013	XX	GW223A663	0.5 U				278	4 U	8.6		176		2 U	36.8	0.22
10/29/2013	XD	GWDP3X66H	0.5 U				278	4 U	8.6		170		2 U	36.6	0.22
4/22/2014	XX	GW223A6E6	0.5 U				288	4 U	12.1		186		2 U	57.6	0.1 U
4/22/2014	XD	GWDP1X6E9	0.5 U				282	4 U	12.3		185		2 U	56.3	0.1 U
7/29/2014	XX	GW223A6ID	0.5				288	4 U	4.4		176		2 U	36	0.15
10/21/2014	XX	GW223A723	0.5 U				296	4 U	8		178		2 U	32	0.16
10/21/2014	XD	GWDP3X72I	0.5 U				313	4 U	7.8		177		2 U	31.9	0.17

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(MW-223A)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/28/2015	XX	GW223A781	0.5 U		0.5 U		308	4 U	10.8		184		2 U		34.9	0.1
4/28/2015	XD	GWDP1X784	0.5 U		0.5 U		302	4 U	11.1		184		2 U		35.2	0.1
7/14/2015	XX	GW223A7BD	0.5 U		2 U		319	4 U	11.9		182		2 U		37.8	0.1 U
10/27/2015	XX	GW223A7H2	0.5 U		0.5 U		326	4 U	12.1		186		2 U		41.2	0.1 U
4/27/2016	XX	GW223A85C	0.5 U		0.48		318	4 U	13.9		191		2 U		43.2	0.1 U
7/26/2016	XX	GW223A8A2	0.5 U		0.36		345	4 U	14.6		184		2 U		41.9	0.2 U
10/25/2016	XX	GW223A8I1	0.5 U		0.57		353	4 U	13.4		185		2 U		43.5	0.2 U
4/18/2017	XX	GW223A967	0.5 U		0.58		334	2.5 U	8		200		2 U		40	0.2 U
7/25/2017	XX	GW223A9C5	0.5 U		0.48		356	2.5 U	16		190		2 U		46	0.2 U
10/24/2017	XX	GW223A9G0	0.25 U		0.58		346	2.5 U	16		180		2 U		49	0.1 U
4/3/2018	XX	GW223AA11	0.25 U		0.67		333	2.5 U	59		200		2 U		32	0.12
7/17/2018	XX	GW223AAB0	0.43		0.7		337	2.5 U	16		190		2 U		43	0.11
10/2/2018	XX	GW223AAJ1	0.35		0.63		346	2.5 U	16		200		2 U		41	0.1 U
4/23/2019	XX	GW223AB4E	0.26		0.72		337	2.5 U	18		210		2 U		26	0.11
7/16/2019	XX	GW223ABB7	0.4		0.71		345	2.5 U	18		220		2 U		34	0.11
10/29/2019	XX	GW223ABH0	0.29		0.64		337	2.5 U	19		230		2 U		32	0.12
4/28/2020	XX	GW223ACC7	0.25 U		0.74		360	2.5 U	22		230		2 U		32	0.15
7/21/2020	XX	GW223ACH0	0.25 U		0.17		376	2.5 U	20		240		2 U		31	0.23
10/27/2020	XX	GW223AD24	0.25 U		0.55		337	2.5 U	19		250		44 M10		31	0.13
4/6/2021	XX	GW223ADB6	0.25 U		0.46		365	2.5 U	21		260		2 U		24	0.2
7/13/2021	XX	GW223ADII	0.25 U		0.52		371	2.5 U	20		250		2 U		32	0.1 U
10/5/2021	XX	GW223AE56	0.26		0.6		387	2.5 U	21		260		2 U		30	0.1 U
4/26/2022	XX	GW223AEJ1	0.61		0.69		375	2.5 U	19		260		1 U		27	0.14
7/19/2022	XX	GW223AF7G	0.47		0.72		370	2.5 U	19		270		1 U		27	0.14
10/4/2022	XX	GW223AFHH	0.5		0.86		460	4 U	19		260		1 U		26	0.15
MW-223B																
4/23/2013	XX	GW223B5IE	0.597	0.5 U			201	4 U	5.6		124		2 U		32.6	0.16
7/30/2013	XX	GW223B64J	0.493				185	4 U	5.7		119		2 U		42.9	0.16
10/29/2013	XX	GW223B67C	0.5 U				202	4 U	5.5		125		2 U		34.3	0.2
4/22/2014	XX	GW223B6FF	0.5 U				225	4 U	7.6		135		2 U		55.7	4.13
7/29/2014	XX	GW223B700	1.2				225	4 U	3		133		2 U		34.8	0.18
10/21/2014	XX	GW223B73C	0.5 U				239	4 U	5.2		135		2 U		31.6	0.15
4/28/2015	XX	GW223B798	0.5 U		0.5 U		234	4 U	7		138		2 U		34.4	0.2
7/14/2015	XX	GW223B7D0	0.5 U		2 U		240	4 U	6.8		139		2 U		36.7	0.1 U
10/27/2015	XX	GW223B7I9	0.5 U		0.5 U		261	4 U	7.6		143		2 U		39.7	0.1 U
4/5/2016	XX	GW223B86J	0.5 U		0.15		228	12	8.8		146		2 U		40.1	0.1 U
7/26/2016	XX	GW223B8B9	0.5 U		0.17		248	4 U	8.7		146		2 U		36.6	0.2 U
10/25/2016	XX	GW223B8J8	1		0.43		262	4 U	7.1		147		2 U		34.4	0.2 U
4/18/2017	XX	GW223B97E	0.5 U		0.43		246	2.5 U	12		160		2 U		1.3	0.2 U
7/25/2017	XX	GW223B9DC	0.5 U		0.41		261	2.5 U	9.3		150		2 U		40	0.2 U
10/24/2017	XX	GW223B9H7	0.34		0.45		252	2.5 U	9.4		150		2 U		44	0.1 U
4/3/2018	XX	GW223BA36	0.27		0.58		254	2.5 U	53		160		2 U		31	0.1 U
7/17/2018	XX	GW223BAC7	0.25 U		0.67		252	2.5 U	11		160		2 U		42	0.11
10/2/2018	XX	GW223BB15	0.25 U		0.58		280	2.5 U	11		170		2 U		42	0.1 U
4/23/2019	XX	GW223BB62	0.25 U		0.65		281	2.5 U	12		170		2 U		32	0.11
7/16/2019	XX	GW223BBCD	0.25 U		0.7		282	2.5 U	13		180		2 U		42	0.13
10/29/2019	XX	GW223BBI6	0.25 U		0.63		285	2.5 U	15		180		2 U		39	0.15
4/28/2020	XX	GW223BCDD	0.35		0.75		288	2.5 U	16		180		2 U		38	0.15
7/21/2020	XX	GW223BCI6	0.25		0.21		326	2.5 U	14		180		2 U		38	0.22

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(MW-223B)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
10/27/2020	XX	GW223BD3A	0.25 U		0.65		283	2.5 U	14		190		47 M10		38	0.15
4/6/2021	XX	GW223BDCC	0.25 U		0.58		309	3	14		200		2 U		31	0.2 U
7/13/2021	XX	GW223BE04	0.25 U		0.61		308	2.5 U	16		200		2 U		38	0.1 U
10/5/2021	XX	GW223BE6C	0.61		0.6		340	2.5 U	16		200		2 U		35	0.1
4/26/2022	XX	GW223BF14	0.48		0.51		308	2.5 U	15		200		1 U		32	0.16
7/19/2022	XX	GW223BF92	0.2 U		0.47		297	2.5 U	15		200		1 U		33	0.16
10/4/2022	XX	GW223BFJ3	0.7		0.67		350	4 U	17		210		1 U		30	0.16
MW-227																
4/23/2013	XX	GW227X5H6	0.3 U	0.5 U			118	4 U	14.4		81		2 U		2.4	0.1 U
7/30/2013	XX	GW227X63B	0.635				103	4 U	11.5		77		2 U		2	0.1 U
7/30/2013	XD	GWDP3X644	0.59				104	4 U	12.9		77		2 U		2.1	0.1 U
10/29/2013	XX	GW227X664	0.5 U				114	4 U	11		79		2 U		2.5	0.1 U
4/22/2014	XX	GW227X6E7	0.5 U				111	4 U	17.3		84		2 U		2	0.1 U
4/22/2014	XD	GWDP3X6F0	0.5 U				110	4 U	17.3		84		2 U		2.1	0.1 U
7/29/2014	XX	GW227X6IE	0.5 U				107	4 U	5.7		84		2 U		1.3	0.1 U
7/29/2014	XD	GWDP3X6J7	0.5 U				109	4 U	5.7		78		2 U		1.2	0.1 U
10/21/2014	XX	GW227X724	0.5 U				116	4 U	10.2		81		2 U		1.4	0.16
4/28/2015	XX	GW227X782	0.5 U		0.5 U		110	4 U	13.3		81		2 U		2.2	0.1 U
4/28/2015	XD	GWDP3X78F	0.5		0.5 U		115	4 U	13.4		82		2 U		2.1	0.1 U
7/14/2015	XX	GW227X7BE	0.5 U		2 U		109	4 U	12.4		80		2 U		1.4	0.1 U
7/14/2015	XD	GWDP1X7BG	0.5 U		2 U		104	7	13.1		78		2 U		1.8	0.1 U
10/27/2015	XX	GW227X7H3	0.5 U		0.5 U		115	4 U	12		79		2 U		2.1	0.1 U
10/27/2015	XD	GWDP1X7H5	0.5 U		0.5 U		108	4 U	12.1		77		2 U		2.2	0.1 U
4/5/2016	XD	GWDP3X866	0.5 U		0.05 U		112	4 U	13.5		78		2 U		1.5	0.1 U
4/5/2016	XX	GW227X85D	0.5 U		0.05 U		105	4 U	13.4		79		2 U		1.6	0.1 U
7/26/2016	XD	GWDP3X8AG	0.5 U		0.05 U		108	4 U	12.4		79		2 U		2.1	0.2 U
7/26/2016	XX	GW227X8A3	0.5 U		0.05 U		114	4 U	12.5		80		2 U		2	0.2 U
10/25/2016	XD	GWDP3X8IF	0.7		0.05 U		123	4 U	11.5		79		2 U		1.77	0.2 U
10/25/2016	XX	GW227X8I2	0.5 U		0.05 U		129	4 U	11.6		79		2 U		1.8	0.2 U
4/18/2017	XD	GWDP3X971	0.5 U		0.05 U		108	6	12		84		2 U		1.4	0.2 U
4/18/2017	XX	GW227X968	0.5 U		0.05 U		110	4	12		84		2 U		1.3	0.2 U
7/25/2017	XD	GWDP3X9CJ	0.5 U		0.05 U		119	2.5 U	13		80		2 U		1.9	0.2 U
7/25/2017	XX	GW227X9C6	0.5 U		0.05 U		113	2.5 U	13		80		2 U		1.9	0.2 U
10/24/2017	XD	GWDP3X9GE	0.25 U		0.05 U		110	2.5 U	12		75		2 U		1.8	0.1 U
10/24/2017	XX	GW227X9G1	0.25 U		0.05 U		122	2.5 U	12		76		2 U		2	0.1 U
4/3/2018	XD	GWDP3XA2D	0.25 U		0.091		109	2.5 U	7.8		80		2 U		1.2	0.1 U
4/3/2018	XX	GW227XA1J	0.25 U		0.11		109	3.7	7.7		81		2 U		1.4	0.1 U
7/17/2018	XD	GWDP3XABE	0.25 U		0.057		102	2.5 U	12		76		2 U		1.1	0.1 U
7/17/2018	XX	GW227XAB1	0.25 U		0.083		101	2.5 U	12		80		2 U		1.2	0.1 U
10/2/2018	XD	GWDP3XB0C	0.88		0.07		113	2.5 U	12		80		2 U		1.4	0.1 U
10/2/2018	XX	GW227XAJJ	0.26		0.05 U		115	2.5 U	12		79		2 U		1.6	0.1 U
4/23/2019	XD	GWDP3XB59	0.25 U		0.092		106	6.3	14		81		2 U		1.1	0.1 U
4/23/2019	XX	GW227XB4F	0.25 U		0.12		108	10	14		81		2 U		1.3	0.1 U
7/16/2019	XD	GWDP3XBC1	0.25 U		0.05 U		103	2.5 U	12		79		2 U		1.3	0.1 U
7/16/2019	XX	GW227XBB8	0.25 U		0.05 U		114	4.3	13		80		2 U		1.4	0.1 U
10/29/2019	XD	GWDP3XBHE	1.8		0.091		110	2.5 U	13		78		2 U		1.6	0.1 U
10/29/2019	XX	GW227XBH1	0.25 U		0.05 U		106	2.5 U	12		82		2 U		1.3	0.1 U
4/28/2020	XD	GWDP3XCD1	0.25 U		0.13		105	2.5 U	17		82		2 U		1.2	0.1 U
4/28/2020	XX	GW227XCC8	0.25 U		0.11		115	2.5 U	15		81		2 U		1.4	0.1 U

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(MW-227)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/21/2020	XD	GWDP3XCHE	0.25 U		0.05 U		118	2.5 U	13		77		2 U		1.3	0.1 U
7/21/2020	XX	GW227XCH1	0.25 U		0.05 U		117	2.5 U	13		80		2 U		1.5	0.1
10/27/2020	XD	GWDP3XD2I	0.25 U		0.065		103	2.5 U	12		82		16 M10		1.2	0.1 U
10/27/2020	XX	GW227XD25	0.25 U		0.056		104	2.5 U	11		84		14 M10		1.1	0.1 U
4/6/2021	XD	GWDP3XDC0	0.25 U		0.066		117	5.5	13		88		2 U		1.6	0.1 U
4/6/2021	XX	GW227XDB7	0.25 U		0.067		102	2.5 U	13		90		2 U		1.7	0.1 U
7/13/2021	XD	GWDP3XDJC	0.25 U		0.05 U		108	10	13		80		2 U		1.1	0.1 U
7/13/2021	XX	GW227XDIJ	0.25 U		0.05 U		112	2.5 U	11		83		2 U		1 U	0.1 U
10/5/2021	XD	GWDP3XE60	0.34		0.05 U		121	6.3	12		83		2 U		1.3	0.1 U
10/5/2021	XX	GW227XE57	0.2 U		0.05 U		119	3	12		82		2 U		1.2	0.1 U
4/26/2022	XD	GWDP3XF0C	0.2 U		0.054		109	2.5 U	12		82		1 U		1.2	0.1 U
4/26/2022	XX	GW227XEJJ	0.35		0.051		115	2.5 U	12		82		1 U		1.2	0.1 U
7/19/2022	XD	GWDP3XF8A	0.2 U		0.05 U		119	2.5 U	11		82		1 U		1.1	0.1 U
7/19/2022	XX	GW227XF7H	0.2 U		0.05 U		130	2.5 U	12		85		1 U		1.3	0.1 U
10/4/2022	XD	GWDP3XFIB	0.2 U		0.1		18	4 U	10		83		1 U		1.3	0.1 U
10/4/2022	XX	GW227XFHI	0.23		0.11		190	4 U	11		84		1 U		1.2	0.1 U
MW-301																
4/22/2013	XX	GW301X5H7	!	!		!	!	!	!	!	!	!	!	!	!	!
7/31/2013	XX	GW301X63C	0.543				136	11	14.6		76		2 U		2.3	0.1 U
10/30/2013	XX	GW301X665	0.5 U				130	4	11.9		76		2 U		3.1	0.1 U
10/30/2013	XD	GWDP1X666	0.5 U				129	4 U	14.5		75		2 U		3.1	0.1 U
4/23/2014	XX	GW301X6E8	0.5 U				119	9	15.4		76		2 U		3.9	0.1 U
7/30/2014	XX	GW301X6IF	0.5 U				129	4	13.4		78		2 U		3.7	0.1 U
10/22/2014	XX	GW301X725	0.5 U				118	4 U	14.2		79		2 U		3.6	0.1 U
10/22/2014	XD	GWDP1X726	0.5 U				120	4 U	14.2		79		2 U		3.5	0.1 U
4/29/2015	XX	GW301X783	0.5 U		0.5 U		117	4 U	17.2		78		2 U		5.7	0.1 U
7/15/2015	XX	GW301X7BF	0.5 U		2 U		128	4 U	17		80		2 U		6.4	0.1 U
10/27/2015	XX	GW301X7H4	0.5 U		0.5 U		129	4 U	16.9		73		2 U		8	0.1 U
10/27/2015	XD	GWDP4X7I2	0.5 U		0.5 U		131	4 U	16.6		76		2 U		8.3	0.1 U
4/27/2016	XX	GW301X85E	0.5 U		0.06		133	20	17.5		77		2 U		8.8	0.1 U
7/27/2016	XX	GW301X8A4	0.5 U		0.06		139	14	14.9		75		2 U		8.2	0.2 U
10/26/2016	XD	GWDP4X8J1	0.5 U		0.05 U		143	4 U	17.1		75		2 U		8.9	0.2 U
10/26/2016	XX	GW301X8I3	0.5 U		0.05 U		146	4 U	17.2		76		2 U		9.1	0.2 U
4/19/2017	XX	GW301X969	0.5 U		0.05 U		138	2.5 U	17		79		2 U		12	0.2 U
7/26/2017	XX	GW301X9C7	0.5 U		0.05 U		136	2.5 U	19		74		2 U		15	0.2 U
10/25/2017	XD	GWDP4X9H0	0.25 U		0.09		162	2.5 U	18		71		2 U		12	0.1 U
10/25/2017	XX	GW301X9G2	0.25 U		0.07		150	2.5 U	18		70		2 U		15	0.1 U
4/4/2018	XX	GW301XA20	0.25 U		0.1		138	2.5 U	10		78		2 U		12	0.1 U
7/18/2018	XX	GW301XAB2	0.25 U		0.092		145	6	15		76		2 U		20	0.1 U
10/1/2018	XD	GWDP4XB0I	0.25 U		0.051		144	2.5 U	16		77		2 U		14	0.1
10/1/2018	XX	GW301XB00	0.25 U		0.06		147	2.5 U	16		75		2 U		16	0.1
4/24/2019	XX	GW301XB4G	0.25 U		0.066		148	2.5 U	17		74		2 U		21	0.1
7/17/2019	XX	GW301XBB9	0.25 U		0.051		159	2.5 U	17		78		2 U		25	0.1 U
10/28/2019	XD	GWDP4XBI0	0.25 U		0.07		163	2.5 U	18		77		2 U		27	0.15
10/28/2019	XX	GW301XBH2	0.25 U		0.056		161	2.5 U	17		74		2 U		26	0.15
4/27/2020	XX	GW301XCC9	0.25 U		0.083		148	2.5 U	19		77		2 U		20	0.1 U
7/20/2020	XX	GW301XCH2	0.25 U		0.05 U		153	2.5 U	18		76		2 U		25	0.11
10/26/2020	XD	GWDP4XD34	0.25 U		0.05 U		151	2.5 U	16		76		8.5 M10		21	0.1 U
10/26/2020	XX	GW301XD26	0.25 U		0.05 U		147	2.5 U	17		76		6.8 M10		20	0.1 U

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

(MW-301)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/5/2021	XX	GW301XDB8	0.25 U		0.05 U		171	6.5	19		76		2 U		26	0.1 U
7/12/2021	XX	GW301XDJ0	0.25 U		0.05 U		152	2.5 U	17		74		16		21	0.1
10/4/2021	XD	GWDP4XE66	0.27		0.05 U		161	2.5 U	17		78		2 U		21	0.1 U
10/4/2021	XX	GW301XE58	0.2 U		0.05 U		163	2.5 U	18		76		2 U		22	0.1 U
4/25/2022	XD	GWDP4XF01	0.25		0.05 U		154	2.5 U	18		76		1 U		21	0.1 U
4/25/2022	XX	GW301XF00	0.2 U		0.05 U		158	2.5 U	17		74		1 U		21	0.1 U
7/18/2022	XX	GW301XF71	0.2 U		0.05 U		163	2.5 U	17		82		1 U		22	0.1 U
10/3/2022	XD	GWDP4XF7H	0.2 U		0.05 U		96	4 U	16		74		1 U		20	0.1 U
10/3/2022	XX	GW301XF7J	0.2 U		0.05 U		88	4 U	3.9		75		1 U		8.5	0.1 U

MW-302R

4/22/2013	XX	GW302X5IC	0.3 U	0.5 U			120	4 U	11.7		46		2 U		24.5	0.1 U
7/29/2013	XX	GW302X64H	0.68				234	4 U	17.9		53		2 U		77.1	0.1 U
10/28/2013	XX	GW302X67A	0.5 U				199	4 U	16		57		2 U		55.8	0.1 U
4/21/2014	XX	GW302X6FD	0.5 U				202	4 U	17.6		61		2 U		91.3	0.1 U
7/28/2014	XX	GW302X6JJ	0.6				315	4 U	6		70		2 U		89.7	0.2 U
10/20/2014	XX	GW302X73A	0.5 U				300	4 U	32.2		105		2 U		63.1	0.11
4/27/2015	XX	GW302X797	0.5 U		0.5 U		175	4 U	14.7		52		2 U		46.4	0.1 U
7/13/2015	XX	GW302X7CJ	0.5 U		2 U		275	4 U	15.3		58		2 U		79.4	0.1 U
10/26/2015	XX	GW302X7I8	0.5 U		0.5 U		326	0.5 U	17.5		87		2 U		89.4	0.2 U
4/4/2016	XX	GW302X86I	0.6		0.06		186	4 U	13.4		59		2 U		42.1	0.1 U
7/25/2016	XX	GW302X8B8	1.2		0.05 U		187	4 U	12.7		59		2 U		35.8	0.2 U
10/24/2016	XX	GW302X8J7	0.5 U		0.12		357	4 U	23.4		238		2 U		32	0.2 U
4/17/2017	XX	GW302X97D	0.5 U		0.29		182	0.5 U	17		65		2 U		39	0.2 U
7/24/2017	XX	GW302X9DB	0.5 U		0.31		200	5 U	22		61		2 U		48	0.2 U
10/23/2017	XX	GW302X9H6	0.25 U		0.31		322	2.5 U	31		160		2 U		42	0.16
4/2/2018	XX	GW302XA35	0.25 U		0.28		159	2.5 U	12		47		2 U		31	0.1 U
7/16/2018	XX	GW302XAC6	0.25 U		0.43		180	2.5 U	24		68		2 U		39	0.1 U
10/1/2018	XX	GW302XB14	0.32		0.73		506	2.5 U	38		330		2 U		43	0.14
4/22/2019	XX	GW302XB61	0.25 U		0.15		118	2.5 U	14		46		2 U		18	0.1 U
7/17/2019	XX	GW302XBCC	0.3		0.39		212	2.5 U	26		50		2 U		51	0.1 U
10/28/2019	XX	GW302XB15	0.25 U		0.5		199	2.5 U	31		61		2 U		44	0.16
4/27/2020	XX	GW302XCDC	0.25 U		0.22		196	2.5 U	27		43		2 U		44	0.1 U
7/20/2020	XX	GW302XCI5	0.25 U		0.1		205	2.5 U	25		62		2 U		47	0.2 U
10/26/2020	XX	GW302XD39	0.29		0.49		254	2.5 U	29		120		24 M10		44	0.1 U
4/5/2021	XX	GW302XDCB	0.25 U		0.65		160	2.5 U	11		84		2 U		18	0.2 U
7/12/2021	XX	GW302XE03	0.26		0.97		328	2.5 U	31		120		64		68	0.5 U
10/4/2021	XX	GW302XE6B	0.25		1		262	2.5 U	22		140		2 U		34	0.1 U
4/25/2022	XX	GW302XF13	0.2 U		1.2		204	2.5 U	13		85		1 U		31	0.23
7/18/2022	XX	GW302XF91	0.2 U		0.71		319	2.5 U	30		150		1.3		48	0.23
10/3/2022	XX	GW302XFJ2	DE		DE			DE	DE		DE		DE		DE	DE

MW-303 & MW12-303R

4/22/2013	XX	GW303X5IG	0.3 U	0.5 U			159	4 U	7.6		114		2 U		6.6	0.22
7/29/2013	XX	GW303X651	0.673				195	4 U	4.2		113		2 U		8	0.3
10/28/2013	XX	GW303X67D	0.5 U				158	4 U	2.8		111		2 U		8.4	0.42
4/21/2014	XX	GW303X6FH	0.5 U				162	4 U	6.3		126		2 U		15.1	0.38
7/28/2014	XX	GW303X701	0.9				157	4 U	2 U		115		2 U		9.6	0.15
10/20/2014	XX	GW303X73D	0.5 U				266	4 U	5.5		162		2 U		48.3	0.21
4/27/2015	XX	GW303X799	0.5 U		0.5 U		533	4 U	9.5		87		4.3		57.2	0.1 U

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(MW-303 & MW12-303R)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
6/18/2015	XX	42173-1	0.5 U	0.5 U	0.5 U		314	6	4.1		135	135	2 U	1 U	76.4	
7/13/2015	XX	GW303X7D1	0.6		2 U		221	4 U	3		130		2 U		39.4	0.19
10/26/2015	XX	GW303X71A	0.5 U		0.5 U		214	4	4		136		2 U		39.4	0.1 U
4/4/2016	XX	GW303X870	0.5 U		0.05 U		236	4 U	18.2		103		6.4		48.8	0.1 U
7/25/2016	XX	GW303X8BA	0.5 U		5.9		326	4 U	10.6		130		4.1		51.8	0.2 U
10/24/2016	XX	GW303X8J9	1		2.4		391	38	32.8		152		11.6		71.3	0.2 U
4/17/2017	XX	GW303X97F	0.5 U		2.2		284	2.5 U	23		120		5.5		57	0.2 U
7/24/2017	XX	GW303X9DD	0.5 U		0.28		250	5 U	8.7		120		3.7		52	0.2 U
10/23/2017	XX	GW303X9H8	0.73		0.13		244	130	5.3		120		3.5		44	0.17
4/2/2018	XX	GW303XA37	0.63		1.5		1016	2.5	430		42		5.2		220	0.5 U
7/16/2018	XX	GW303XAC8	0.25 U		0.074		289	2.5 U	14		140		2 U		57	0.1 U
10/1/2018	XX	GW303XB16	0.34		0.072		265	37	5.7		120		2 U		45	0.1 U
4/22/2019	XX	GW303XB63	2		1		353	12	56		120		16		27	2.4
7/17/2019	XX	GW303XBCE	0.71		0.72		297	2.5 U	33		130		7.8		40	0.62
10/28/2019	XX	GW303XB17	0.9		1.7		268	2.5 U	45		120		11		15	0.27
4/27/2020	XX	GW303XCDE	0.25 U		0.58		297	4.7	22		77		4.4		42	0.1 U
7/20/2020	XX	GW303XCI7	0.25 U		0.17		176	2.5 U	5.1		90		2 U		29	0.2 U
10/26/2020	XX	GW303XD3B	0.8		12		372	2.5 U	29		72		34 M10		77	0.1 U
4/5/2021	XX	GW303XDCCD	0.49		1.9		294	5	26		69		4.3		59	0.2 U
7/12/2021	XX	GW303XE05	0.89		3.8		425	2.5 U	22		70		6.8		97	0.5 U
10/4/2021	XX	GW303XE6D	0.44		0.2		454	3	29		110		6.4		110	0.3 U
4/25/2022	XX	GW303XF15	0.36		0.78		205	15	26		62		4.7		35	0.1 U
7/18/2022	XX	GW303XF93	0.78		0.72		250	7.5	25		150		1.2		12	0.1 U
10/3/2022	XX	GW303XFJ4	0.42		1.1		180	4.8	28		120		4.1		34	0.1 U
MW-401A																
4/22/2013	XX	GW401A511	0.3 U	0.5 U			85	4 U	4.9		58		2 U		2.4	0.1 U
7/29/2013	XX	GW401A646	0.572				86	4 U	4.3		57		2 U		2.2	0.1 U
10/28/2013	XX	GW401A66J	0.5 U				87	4 U	4.3		57		2 U		2.8	0.1 U
4/21/2014	XX	GW401A6F2	0.5 U				81	4 U	4.8		62		2 U		2.9	0.1 U
7/28/2014	XX	GW401A6J9	0.5 U				89	4 U	2		61		2 U		1.5	0.1 U
10/20/2014	XX	GW401A730	0.5 U				83	4 U	3.3		62		2 U		1.8	0.1 U
4/27/2015	XX	GW401A78H	0.6		0.5 U		89	4 U	4.1		60		2 U		3.8	0.1 U
7/13/2015	XX	GW401A7C9	0.5 U		1 U		99	4 U	3.7		59		2 U		4.1	0.1 U
10/26/2015	XX	GW401A7HI	0.5 U		0.5 U		87	4 U	4.1		59		2 U		2.7	0.1 U
4/27/2016	XX	GW401A868	0.5 U		0.1		91	4 U	4.2		59		2 U		2.4	0.1 U
7/25/2016	XX	GW401A8AI	0.5 U		0.05 U		90	4 U	3.8		63		2 U		2.2	0.2 U
10/24/2016	XX	GW401A8IH	0.5 U		0.1		98	4 U	4		58		2 U		2.2	0.2 U
4/17/2017	XX	GW401A973	0.5 U		0.05		95	2.5 U	3.7		62		2 U		2.3	0.2 U
7/24/2017	XX	GW401A9D1	0.5 U		0.1		89	7	4.7		63		2 U		2.7	0.2 U
10/25/2017	XX	GW401A9GG	0.25 U		0.11		112	2.5 U	4.4		57		2 U		2.2	0.1 U
4/2/2018	XX	GW401AA2F	0.25 U		0.14		85	2.5 U	2.8		58		2 U		2.1	0.1 U
7/16/2018	XX	GW401AABG	0.25 U		0.14		89	2.5 U	4.7		60		2 U		3.1	0.1 U
10/1/2018	XX	GW401AB0E	0.25 U		0.083		91	2.5 U	4		61		2 U		2.8	0.1 U
4/22/2019	XX	GW401AB5B	0.25 U		0.1		91	2.5 U	4.5		61		2 U		3.4	0.1 U
7/15/2019	XX	GW401ABC3	0.25 U		0.1		92	2.5 U	4.3		62		2 U		3.8	0.1 U
10/28/2019	XX	GW401ABHG	0.25 U		0.12		98	2.5 U	5		61		2 U		4.9	0.1 U
4/27/2020	XX	GW401ACD3	0.25 U		0.16		106	2.5 U	5		63		2 U		4.8	0.1 U
7/20/2020	XX	GW401ACHG	0.25 U		0.05 U		97	2.5 U	4.9		61		2 U		5.3	0.1 U
10/26/2020	XX	GW401AD30	0.25 U		0.084		92	2.5 U	4		62		5 M10		4.6	0.1 U

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 CUMBERLAND CENTER, ME 04021

(MW-401A)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/5/2021	XX	GW401ADC2	0.25 U		0.11		98	3	4.7		62		2 U		6.1	0.11
7/12/2021	XX	GW401ADJE	0.25 U		0.091		101	2.5 U	4.2		62		9.6		6.2	0.1 U
10/4/2021	XX	GW401AE62	0.24		0.095		98	2.5 U	4		62		2 U		6.8	0.1 U
4/25/2022	XX	GW401AF0E	0.21		0.078		105	2.5 U	4.2		58		1 U		7.9	0.1 U
7/18/2022	XX	GW401AF8C	0.27		0.096		111	2.5 U	4		64		1 U		8.1	0.1 U
10/3/2022	XX	GW401AFID	0.2 U		0.12			4 U	16		62		1 U		21	0.1 U
10/3/2022	XX	GW401AFIDRR					77 H									

MW-401B																
Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
4/22/2013	XX	GW401B5I2	0.3 U	0.5 U			172	4 U	13.2		122		2 U		12.5	0.1
4/22/2013	XD	GWDP4X5I5	0.3 U	0.5 U			186	4 U	13		121		2 U		12.5	0.13
7/29/2013	XX	GW401B647	0.528				156	4 U	11.4		108		2 U		13	0.1 U
7/29/2013	XD	GWDP1X63D	0.512				175	4 U	12.8		116		2 U		16.6	0.1 U
10/28/2013	XX	GW401B670	0.5 U				212	4 U	13		139		2 U		16.3	0.22
10/28/2013	XD	GWDP4X673	0.5 U				206	4 U	13		138		2 U		15.8	0.21
4/21/2014	XX	GW401B6F3	0.5 U				170	4 U	13.7		135		2 U		16.2	0.21
4/21/2014	XD	GWDP4X6F6	0.5 U				160	4 U	13.7		128		2 U		15.1	0.23
7/28/2014	XX	GW401B6JA	0.7				198	4 U	5.3		139		2 U		12.5	0.15
7/28/2014	XD	GWDP4X6JD	0.5 U				195	4 U	5.3		141		2 U		12	0.16
10/20/2014	XX	GW401B731	0.5 U				212	4 U	9.6		156		8.9		11.5	0.2
10/20/2014	XD	GWDP4X734	0.5 U				217	4 U	9.6		163		2 U		11.5	0.2
4/27/2015	XX	GW401B78I	0.5 U		0.5 U		177	4 U	10.9		126		2 U		11.3	0.18
4/27/2015	XD	GWDP4X79I	0.5 U		0.5 U		170	4 U	11.3		123		2 U		11	0.18
7/13/2015	XX	GW401B7CA	0.5 U		1 U		205	4 U	10.7		146		2 U		13	0.16
7/13/2015	XD	GWDP4X7CD	0.5 U		2 U		208	4 U	10.3		144		2 U		11.7	0.25
10/26/2015	XX	GW401B7HJ	0.5 U		0.5 U		211	4 U	11.9		158		2 U		13.6	0.1 U
10/26/2015	XD	GWDP3X7HG	0.5 U		0.5 U		219	4 U	11.8		155		2 U		13.7	0.1 U
4/6/2016	XD	GWDP4X86C	0.5 U		0.05 U		177	4 U	11.7		124		2 U		11.5	0.1 U
4/6/2016	XX	GW401B869	0.5 U		0.05 U		185	4 U	11.8		127		2 U		11.8	0.1 U
7/25/2016	XX	GW401B8AJ	0.5 U		0.05 U		225	4 U	10.4		157		2 U		13.1	0.2
10/24/2016	XD	GWDP1X8I4	0.5 U		0.05 U		214	4 U	12.2		163		2 U		8.5	0.2
10/24/2016	XX	GW401B8II	1		0.05 U		213	4 U	12.5		158		2 U		8.9	0.2
4/17/2017	XD	GWDP4X977	0.5 U		0.05 U		183	7	11		130		2 U		9.5	0.2 U
4/17/2017	XX	GW401B974	0.5 U		0.05 U		196	5	11		140		2 U		9.4	0.2 U
7/24/2017	XX	GW401B9D2	0.5 U		0.05 U		180	5 U	12		150		2 U		12	0.2 U
10/25/2017	XD	GWDP1X9G3	0.25 U		0.07		235	2.5 U	13		150		2 U		6.9	0.19
10/25/2017	XX	GW401B9GH	0.25 U		0.05 U		226	2.5 U	13		150		2 U		6.5	0.21
4/2/2018	XD	GWDP4XA2J	0.25 U		0.092		192	2.5 U	6		150		2 U		5.5	0.16
4/2/2018	XX	GW401BA2G	0.25 U		0.069		176	2.5 U	5.9		130		2 U		6.4	0.14
7/16/2018	XX	GW401BABH	0.25 U		0.057		198	2.5 U	12		150		2 U		11	0.14
10/1/2018	XD	GWDP1XB0I	0.25 U		0.058		214	2.5 U	11		160		2 U		6.2	0.19
10/1/2018	XX	GW401BB0F	0.25 U		0.05 U		213	2.7	11		160		2 U		6.3	0.2
4/22/2019	XD	GWDP4XB5F	0.25 U		0.05 U		156	2.5 U	12		120		2 U		6.9	0.16
4/22/2019	XX	GW401BB5C	0.25 U		0.05 U		166	2.5 U	12		120		2 U		6.4	0.14
7/15/2019	XD	GWDP4XBC7	0.25 U		0.05 U		175	2.7	11		140		2 U		8.7	0.17
7/15/2019	XX	GW401BBC4	0.25 U		0.21		167	2.5 U	11		130		2 U		9.1	0.15
10/28/2019	XD	GWDP1XBH3	0.25 U		0.06		208	2.5	13		150		2 U		10	0.2
10/28/2019	XX	GW401BBHH	0.25 U		0.067		208	2.5 U	14		150		2 U		10	0.23
4/27/2020	XD	GWDP4XCD7	0.25 U		0.05 U		162	2.5 U	13		110		2 U		9	0.14
4/27/2020	XX	GW401BCD4	0.25 U		0.091		166	2.5 U	13		120		2 U		9.4	0.15

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(MW-401B)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/20/2020	XD	GWDP4XC10	0.25 U		0.05 U		188	2.5 U	12		160		2 U		8.5	0.24
7/20/2020	XX	GW401BCHH	0.25 U		0.05 U		196	2.5 U	13		160		2 U		8.4	0.21
10/26/2020	XD	GWDP1XD27	0.25 U		0.05 U		208	2.5 U	11		160		32 M10		6.9	0.19
10/26/2020	XX	GW401BD31	0.25 U		0.051		211	2.5 U	11		160		23 M10		7.2	0.19
4/5/2021	XD	GWDP4XDC6	0.25 U		0.05 U		190	3	12		150		2 U		5	0.23
4/5/2021	XX	GW401BDC3	0.25 U		0.05 U		183	2.5	12		150		2 U		1 U	0.24
7/12/2021	XD	GWDP5XE1B	0.25 U		0.05 U		190	2.5 U	10		150		2 U		1.6	0.2
7/12/2021	XX	GW401BDJF	0.25 U		0.05 U		198	2.5 U	11		160		49		1.5	0.21
10/4/2021	XD	GWDP1XE59	0.2 U		0.05 U		203	2.5 U	11		160		2 U		4.8	0.17
10/4/2021	XX	GW401BE63	0.2 U		0.05 U		199	2.5 U	11		160		2 U		5	0.2
4/25/2022	XD	GWDP1XF01	0.2 U		0.05 U		195	2.5 U	9.7		150		1 U		4.7	0.18
4/25/2022	XX	GW401BF0F	0.5		0.05 U		190	2.5 U	10		150		1 U		4.5	0.18
7/18/2022	XD	GWDP5XFA8	0.2 U		0.06		201	2.5	9.2		160		1 U		4.5	0.19
7/18/2022	XX	GW401BF8D	0.2 U		0.05 U		210	2.5	9.7		160		1 U		4.7	0.18
10/3/2022	XD	GWDP1XF10	0.2 U		0.05 U		140	4 U	9.3		160		1 U		4.2	0.18
10/3/2022	XX	GW401BFIE	0.41		0.05 U			4 U	10		160		1 U		5.3	0.18
10/3/2022	XX	GW401BFIFRR					150 H									

MW-402A																
Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
4/22/2013	XX	GW402A5I3	0.3 U	0.5 U			99	4 U	9.3		51		2 U		2.5	0.1 U
7/31/2013	XX	GW402A648	0.3 U				81	4 U	7		53		2 U		1.3	0.1 U
10/30/2013	XX	GW402A671	0.5 U				89	4 U	7.2		51		2 U		1.8	0.1 U
4/23/2014	XX	GW402A6F4	0.5 U				76	4 U	8.1		56		2 U		1.7	0.1 U
7/30/2014	XX	GW402A6JB	0.5 U				87	4 U	6.9		52		2 U		1.5	0.1 U
10/22/2014	XX	GW402A732	0.5 U				76	4 U	7		58		2 U		1.4	0.1 U
4/29/2015	XX	GW402A78J	0.5 U		0.5 U		79	4 U	9.1		57		2 U		2.1	0.1 U
7/15/2015	XX	GW402A7CB	0.5 U		2 U		91	4 U	8.4		56		2 U		1.5	0.1 U
10/28/2015	XX	GW402A7I0	0.5 U		0.5 U		91	4 U	8.8		54		2 U		2.2	0.1 U
4/27/2016	XX	GW402A86A	0.5 U		0.06		86	4 U	8.8		57		2 U		2.1	0.1 U
7/27/2016	XX	GW402A8B0	0.5 U		0.05		86	4 U	7.8		55		2 U		1.6	0.2 U
10/26/2016	XX	GW402A8IJ	0.5 U		0.05		95	4 U	8.8		53		2 U		1.8	0.2 U
4/19/2017	XX	GW402A975	0.5 U		0.05 U		94	2.5 U	6.3		56		2 U		1.4	0.2 U
7/26/2017	XX	GW402A9D3	0.5 U		0.05 U		78	2.5 U	9.6		54		2 U		1.9	0.2 U
10/26/2017	XX	GW402A9GI	0.25 U		0.1		100	2.5 U	9.5		51		2 U		1.6	0.1 U
4/4/2018	XX	GW402AA2H	0.5 U		0.11		90	2.5 U	6.1		59		2 U		1.6	0.1 U
7/18/2018	XX	GW402AABI	0.27		0.065		81	2.5 U	8.4		54		2 U		1.4	0.1 U
10/3/2018	XX	GW402AB0G	0.25 U		0.059		95	2.5 U	8.8		54		2 U		1.7	0.1 U
4/24/2019	XX	GW402AB5D	0.25 U		0.06		87	2.5 U	9.2		55		2 U		1.5	0.1 U
7/17/2019	XX	GW402ABC5	0.25 U		0.064		90	2.5 U	8.8		55		2 U		1.4	0.1 U
10/30/2019	XX	GW402ABHI	0.25 U		0.062		83	2.5 U	11		57		2 U		1.7	0.1 U
4/29/2020	XX	GW402ACD5	0.25 U		0.085		76	2.5 U	9.6		56		2 U		1.7	0.1 U
7/22/2020	XX	GW402ACHI	0.25 U		0.051		80	2.5 U	9.3		57		2 U		1.8	0.1 U
10/28/2020	XX	GW402AD32	0.25 U		0.057		75	2.5 U	8.3		55		4.8 M10		1.4	0.1 U
4/7/2021	XX	GW402ADC4	0.25 U		0.05 U		94	2.5 U	7.8		60		2 U		1.3	0.1 U
7/14/2021	XX	GW402ADJG	0.25 U		0.059		84	2.5 U	8.9		54		2 U		1.8	0.1 U
10/4/2021	XX	GW402AE64	0.2 U		0.05 U		87	2.5 U	8.9		56		2 U		1.8	0.1 U
4/25/2022	XX	GW402AF0G	0.2 U		0.052		89	2.5 U	8		55		1 U		1.7	0.1 U
7/20/2022	XX	GW402AF8E	0.2 U		0.072		96	2.5 U	8.4		56		1 U		2	0.1 U
10/3/2022	XX	GW402AFIF	0.2 U		0.069			4 U	8		58		1 U		1.8	0.1 U
10/3/2022	XX	GW402AFIFRR					45 H									

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(MW-402B)		Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L

MW-402B															
4/22/2013	XX	GW402B5I4	0.3 U	0.5 U			100	4 U	9		60		2 U	2.5	0.1 U
7/31/2013	XX	GW402B649	0.3 U				92	4 U	8.6		68		2 U	1.4	0.1 U
10/30/2013	XX	GW402B672	0.5 U				102	4 U	8.4		67		2 U	1.9	0.1 U
4/23/2014	XX	GW402B6F5	0.5 U				81	4 U	9		68		2 U	1.9	0.1 U
7/30/2014	XX	GW402B6JC	0.5 U				100	4 U	8.1		66		2 U	1.6	0.1 U
10/22/2014	XX	GW402B733	0.5 U				89	4 U	8.2		71		2 U	1.6	0.1 U
4/29/2015	XX	GW402B790	0.5 U		0.5 U		92	4 U	10.1		68		2 U	2	0.1 U
7/15/2015	XX	GW402B7CC	0.5 U		2 U		98	4 U	9.6		67		2 U	1.9	0.1 U
10/28/2015	XX	GW402B7I1	0.5 U		0.5 U		95	4 U	9.9		67		2 U	2.4	0.1 U
4/27/2016	XX	GW402B86B	0.5 U		0.05 U		94	4 U	9.8		68		2 U	2.1	0.1 U
7/27/2016	XX	GW402B8B1	0.5 U		0.05 U		94	4 U	8.8		66		2 U	1.7	0.2 U
10/26/2016	XX	GW402B8J0	0.5 U		0.05 U		105	8	9.8		66		2 U	2	0.2 U
4/19/2017	XX	GW402B976	0.5 U		0.06		96	2.5 U	6.5		68		2 U	1.6	0.2 U
7/26/2017	XX	GW402B9D4	0.5 U		0.05 U		88	2.5 U	11		67		2 U	2	0.2 U
10/26/2017	XX	GW402B9GJ	0.25 U		0.05		113	2.5 U	10		64		2 U	1.7	0.1 U
4/4/2018	XX	GW402BA2I	0.25 U		0.091		104	8	6.2		69		2 U	1.5	0.1 U
7/18/2018	XX	GW402BABJ	0.36		0.05 U		91	9.3	9.3		69		2 U	1.8	0.1 U
10/3/2018	XX	GW402BB0H	0.25 U		0.05 U		106	2.5 U	9.9		66		2 U	1.8	0.1 U
4/24/2019	XX	GW402BB5E	0.25 U		0.05 U		88	2.5 U	9.8		65		2 U	1.5	0.1 U
7/17/2019	XX	GW402BB6C	0.25 U		0.05 U		93	2.5 U	9.7		67		2 U	1.3	0.1 U
10/30/2019	XX	GW402BBHJ	0.25 U		0.05 U		88	2.5 U	2.6		69		2 U	18	0.11
4/29/2020	XX	GW402BCD6	0.25 U		0.059		79	2.5 U	11		68		2 U	1.4	0.1 U
7/22/2020	XX	GW402BCHJ	0.39		0.071		81	3.3	10		67		2 U	1.5	0.1 U
10/28/2020	XX	GW402BD33	0.25 U		0.05 U		85	2.5 U	9.3		72	6.1 M10		1.2	0.1 U
4/7/2021	XX	GW402BDC5	0.25 U		0.05 U		96	2.5 U	8.4		71		2 U	1.1	0.1 U
7/14/2021	XX	GW402BDJH	0.25 U		0.05 U		93	2.5 U	10		67		2 U	1.3	0.1 U
10/4/2021	XX	GW402BE65	0.2 U		0.05 U		93	35	9.7		69		2 U	1.3	0.1 U
4/25/2022	XX	GW402BF0H	0.41		0.05 U		93	2.5 U	8.9		65		1 U	1.2	0.1 U
7/20/2022	XX	GW402BF8F	0.2 U		0.05 U		122	2.5 U	8.9		85		1 U	2	0.1 U
10/3/2022	XX	GW402BFIGRR					66 H								
10/3/2022	XX	GW402BFIG	0.2 U		0.054			4 U	9.8		69		1 U	1.2	0.1 U

MW-501																
4/5/2018	XX	GW501XA6I	0.25 U	0.5 U	0.25	0.04 U	130	2.5 U	9.8	0.1 U		83	2 U	2 U	8.3	0.1 U
6/4/2018	XX	GW501XA7F	0.25 U	0.5 U	0.18	0.04 U	131	2.5 U	2.9	0.1 U		84	2 U	1 U	10	0.1 U
7/19/2018	XX	GW501XAED	0.33		0.24		151	2.5 U	2.5			92	2 U	1 U	10	0.1 U
8/20/2018	XX	GW501XAFE	0.25 U		0.21		157	2.5 U	2.8			100	2 U		11	0.1 U
4/24/2019	XX	GW501XB7C	0.25 U		0.43		190	2.5 U	2.9		140		2 U		10	0.12
7/17/2019	XX	GW501XBE0	0.25 U		0.25		117	2.5 U	2.5		75	6.4		9	0.1 U	
10/30/2019	XX	GW501XBJ9	0.25 U		0.57		247	2.5 U	47		170		2 U		2.4	0.1 U
4/29/2020	XX	GW501XCF0	0.25 U		0.21		105	2.5 U	3		72		2 U		12	0.1 U
7/22/2020	XX	GW501XCJD	0.25 U		0.077		214	2.5 U	3		130		2 U		24	0.1
10/28/2020	XX	GW501XD4D	0.25 U		0.29		208	2.5 U	2.9		150		22 M10		23	0.1 U
4/7/2021	XX	GW501XDDH	0.25 U		0.22	0.04 U	167	2.5 U	2 U		110		2 U	2 U	15	0.1 U
7/14/2021	XX	GW501XE18	0.25 U	0.5 U	0.26		153	2.5 U	3.6	0.1 U		100	2 U		15	0.1 U
10/6/2021	XX	GW501XE8A	0.2 U	0.5 U	0.33		161	2.5 U	3.2	0.1 U		96	2 U		14	0.1 U
4/27/2022	XX	GW501XF2G	0.2 U	0.5 U	0.32		179	2.5 U	3.9	0.1 U		110	1 U		13	0.1 U
7/20/2022	XX	GW501XFA6	0.2 U	0.5 U	0.32		170	2.5 U	3.7	0.1 U		100	1 U		14	0.1 U

(MW-501)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
10/5/2022	XX	GW501XG0F	0.42	0.5 U	0.45		160	4 U	3.8	0.1 U		100	1 U		13	0.1 U

MW-502																
2/26/2020	XD	GWDP1XC52	0.25 U	0.5 U	0.25		163	2.5 U	2 U	0.1 U		100	2 U		21	0.14
2/26/2020	XX	GW502XC55	0.25 U	0.5 U	0.23		166	2.5 U	2 U	0.1 U		120	2 U		21	0.14
4/30/2020	XX	GW502XCGB	0.25 U	0.5 U	0.1		175	2.5 U	4.9	0.1 U		110	2 U		19	0.22
6/23/2020	XX	GW502XCGB	0.25 U	0.5 U	0.18		183	2.5 U	4.4	0.1 U		120	2 U		20	0.15
8/20/2020	XX	GW502XD11	0.25 U	0.5 U	0.17		176	2.5 U	4.5	0.1 U		120	2 U		20	0.17
7/14/2021	XX	GW502XE23	0.25 U	0.5 U	0.05 U		234	3	4.2	0.1 U		190	2 U		13	0.33
10/7/2021	XX	GW502XE8B	0.2 U	0.5 U	0.069		250	2.5 U	3.6	0.1 U		190	2 U		14	0.29
4/27/2022	XX	GW502XF2H	0.75	0.5 U	0.16		204	2.5 U	3.4	0.1 U		120	1 U		17	0.16
7/20/2022	XX	GW502XFAL	0.2 U	0.5 U	0.077		223	2.5 U	4	0.1 U		160	1 U		17	0.26
10/5/2022	XX	GW502XG0G	0.49	0.5 U	0.16		250	4 U	4.7	0.1 U		200	1		15	0.31

MW-503																
2/9/2021	XX	GW503XD9A	0.25 U	0.5 U	0.12	0.04 U	140	2.5 U	12	0.1 U		90	2 U	2 U	17	0.1 U
4/8/2021	XX	GW503XDA9	0.25 U	0.5 U	0.093	0.04 U	153	2.5 U	8.6	0.1 U		85	2 U	2 U	17	0.1 U
6/8/2021	XX	GW503XDGC	0.25 U	0.5 U	0.15	0.04 U	147	2.5 U	7.9	0.1 U		91	2 U	2 U	13	0.1 U
8/19/2021	XX	GW503XE46	0.2 U	0.5 U	0.11	0.04 U	151	2.5 U	8.6	0.1 U		90	2 U		14	0.1 U
10/7/2021	XX	GW503XE96	0.2 U	0.5 U	0.11		147	2.5 U	7.4	0.1 U		83	2 U		14	0.1 U
4/27/2022	XX	GW503XF3B	0.58	0.5 U	0.11		153	2.5 U	7.3	0.1 U		96	1 U		11	0.1 U
7/20/2022	XX	GW503XFB5	0.2 U	0.5 U	0.09		164	2.5 U	6.9	0.1 U		120	1 U		6.1	0.1 U
10/5/2022	XX	GW503XG1A	0.41	0.5 U	0.15		250	4 U	6.8	0.1 U		110	1 U		6.4	0.1 U

MW-504																
2/9/2021	XD	GWDP1XD94	0.25 U	0.5 U	0.075	0.07	108	6	14	0.1 U		63	2 U	2 U	3.3	0.1 U
2/9/2021	XX	GW504XD9B	0.25 U	0.5 U	0.072	0.06	101	4	14	0.1 U		65	2 U	2 U	3.2	0.1 U
4/7/2021	XX	GW504XDAA	0.25 U	0.5 U	0.05 U	0.06	92	4.5	6.3	0.1 U		64	2 U	2 U	1.1	0.1 U
6/9/2021	XD	GWDP1XDG9	0.25 U	0.5 U	0.077	0.06	108	5	6.2	0.1 U		63	2 U	2 U	1.3	0.1 U
6/9/2021	XX	GW504XDGD	0.25 U	0.5 U	0.091	0.05	112	25	6.2	0.1 U		63	2 U	2 U	1.3	0.1 U
8/19/2021	XX	GW504XE47	0.2 U	0.5 U	0.08	0.07	97	6.3	5.8	0.1 U		62	2 U	2 U	1.4	0.1 U
10/7/2021	XD	GWDP6XE9A	0.26	0.5 U	0.072		99	22	5.1	0.1 U		59	2 U		1.2	0.1 U
10/7/2021	XX	GW504XE97	0.26	0.5 U	0.05 U		101	3.7	6.3	0.1 U		63	2 U		1.2	0.1 U
4/27/2022	XD	GWDP6XF3F	0.2 U	0.5 U	0.081		88	27	4.7	0.1 U		56	1 U		1.1	0.1 U
4/27/2022	XX	GW504XF3C	1.5	0.5 U	0.078		92	34	5.4	0.1 U		58	1 U		1.1	0.1 U
7/21/2022	XX	GW504XFB6	!	!	!		!	!	!	!		!	!		!	!
10/5/2022	XD	GWDP6XG1E	0.2 U	0.5 U	0.14		120	24	5.7	0.1 U		61	1 U		1.1	0.1 U
10/5/2022	XX	GW504XG1B	1.8	0.5 U	0.22		15	110	5.4	0.2 U		58	1 U		1.2	0.1 U

MW-505																
2/10/2021	XX	GW505XD9C	0.25 U	0.5 U	0.057	0.04 U	237	4	55	0.1 U		110	3.5	4	22	0.1 U
4/8/2021	XX	GW505XDAB	0.25 U	0.5 U	0.05 U	0.04 U	208	2.5 U	45	0.26		96	2.3	3	11	0.1 U
6/9/2021	XX	GW505XDGE	0.25 U	0.5 U	0.062	0.04	174	2.5 U	37	0.25		88	2 U	3 *	6.5	0.1 U
8/18/2021	XX	GW505XE48	0.29	0.5 U	0.05 U	0.05	198	2.5 U	48	0.61		92	2 U	3	12	0.1 U
10/7/2021	XX	GW505XE98	0.2 U	0.5 U	0.065		202	2.7	47	0.35		94	2 U		11	0.1 U
4/27/2022	XX	GW505XF3D	0.2 U	0.5 U	0.05 U		189	3	40	0.32		94	2.3		6	0.1 U
7/21/2022	XX	GW505XFB7	0.2 U	0.5 U	0.05 U		160	2.5 U	35	0.17		90	1.5		4.2	0.1 U
10/5/2022	XX	GW505XG1C	0.26	0.5 U	0.16		63	4 U	28	0.1 U		93	1.3		3.3	0.1 U

MW-506																
2/18/2021	XX	GW506XD9D	0.25 U	0.5 U	0.057	0.06	802	20	340	0.1 U		120	25	21	57	0.5 U

(MW-506)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/8/2021	XX	GW506XDAC	0.82	0.5 U	0.05 U	0.05	628	24	2 U	0.1 U		140	19	23	44	0.1 U
6/8/2021	XX	GW506XDFG	F16	F16	F16	F16	F16	F16	F16	F16		F16	F16	F16	F16	F16
7/14/2021	XX	GW506XE38	0.25 U	0.5 U	0.05 U	0.07	487	14	180	0.57		130	14	18	23	0.1 U
9/1/2021	XX	GW506XE49	0.27	0.5 U	0.06	0.05	499	2.5 U	160	1.5		140	15	18	20	0.1 U
10/7/2021	XX	GW506XE99	0.2 U	0.5 U	0.05 U		490	3	170	0.75		140	13		19	0.1 U
4/27/2022	XX	GW506XF3E	0.61	0.5 U	0.057		410	130	130	1		140	11		14	0.3 U
7/18/2022	XX	GW506XFB8	2.2	0.5 U	0.05 U		360	47	100	0.44		140	13		8.8	0.1 U
10/5/2022	XX	GW506XG1D	3.8	0.5 U	0.17		270	61	110	0.23		140	5.7		7.1	0.1 U

MW-507																
Date	Type	Sample ID	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
4/5/2018	XX	GW507XA6J	0.25 U	0.5 U	0.088	0.04 U	106	2.5 U	2 U	0.1 U		61	2 U	2 U	6.9	0.1 U
6/5/2018	XX	GW507XA7G	0.25 U	0.5 U	0.079	0.04 U	161	2.5 U	3.4	0.1 U		69	2 U	1 U	25	0.1 U
7/18/2018	XX	GW507XAEI	0.25 U		0.05 U		164	2.5 U	3.7			74	2 U	1 U	29	0.1 U
8/20/2018	XX	GW507XAFF	0.25 U		0.05 U		177	2.5 U	4.3			85	2 U		28	0.1 U
7/14/2021	XX	GW507XE24	0.25 U	0.5 U	0.065		236	2.5 U	3.4	0.1 U		84	2 U		43	0.1 U
10/7/2021	XX	GW507XE8C	0.2 U	0.5 U	0.05 U		451	2.7	3.6	0.1 U		78	2 U		17	0.1 U
4/27/2022	XX	GW507XF2I	0.24	0.5 U	0.051		69	4.7	3.1	0.1 U		47	1 U		1.2	0.1 U
7/20/2022	XX	GW507XFAJ	0.2 U	0.5 U	0.061		190	2.5 U	2.9	0.1 U		86	1 U		37	0.1 U
10/5/2022	XX	GW507XG0H	0.37	0.5 U	0.21		150	4 U	3.3	0.1 U		110	1 U		37	0.1 U

OW-06-03																
Date	Type	Sample ID	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
4/10/2018	XX	GWXXXXA73	0.25 U	0.5 U	0.1	0.04 U	84	2.5 U	2.1	0.1 U		65	2	4	1.6	0.58
6/5/2018	XX	GWXXXXA80	I	I	I	I	I	I	I	I		I	I	I	I	I
7/19/2018	XX	GWXXXXAEI	I		I		I	I	I			I	I	I	I	I
8/21/2018	XX	GWXXXXAFH	I		I		I	I	I			I	I	I	I	I
7/18/2019	XX	GWXXXXBDJ	I		I		I	I	I		I	I	I	I	I	I
7/20/2020	XX	GWXXXXCJC	I		I		I	I	I		I	I	I	I	I	I
7/14/2021	XX	GWXXXXE17	8.4	6.7	0.05 U		491	16	12	5 U		270	68		6.3	0.51
7/20/2022	XX	GWXXXXFA5	I	I	I		I	I	I	I		I	I	I	I	I

OW-601A																
Date	Type	Sample ID	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
4/11/2018	XX	GW601AA69	0.25 U	0.5 U	0.3	0.22	180	7100	2.1	0.1 U		120	2 U	1 U	16	0.17
6/6/2018	XX	GW601AA76	0.25 U	0.5 U	0.18	0.1	198	230	6.1	0.1 U		120	2 U	1 U	24	0.13
7/19/2018	XX	GW601AAE4	0.3		0.3		209	13	6.8			130	2 U	1 U	18	1.1
8/22/2018	XX	GW601AAF5	0.25 U		0.19		212	2.5 U	7			130	2 U		27	0.15
7/18/2019	XX	GW601ABB6	0.86		0.33		234	2.5 U	11		140		2 U		26	0.18
7/22/2020	XX	GW601ACGJ	0.25 U		0.45		225	57	25		150		2 U		20	0.13
7/12/2021	XX	GW601ADIH	0.25 U	0.5 U	0.41		244	2.5 U	6.7	0.1 U		160	42		22	0.19
7/21/2022	XX	GW601AF7F	0.2 U	0.5 U	0.62		264	2.5 U	15	0.1 U		170	1 U		26	0.24

OW-601B																
Date	Type	Sample ID	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
4/11/2018	XX	GW601BA6A	0.25 U	0.5 U	0.42	0.04 U	184	5.7	2 U	0.1 U		120	2 U	1 U	22	0.21
6/6/2018	XX	GW601BA77	0.25 U	0.5 U	0.25	0.04 U	196	6.5	2.6	0.1 U		110	2 U	1 U	31	0.16
7/19/2018	XX	GW601BAE5	0.25 U		0.58		224	2.5 U	3			98	2 U	1 U	41	0.21
8/22/2018	XX	GW601BAF6	0.25 U		0.49		277	16	10 U			88	2 U		61	0.5 U
7/18/2019	XX	GW601BBDF	0.25 U		0.51		213	3.3	3.1		120		2 U		26	0.2
7/22/2020	XX	GW601BCJ8	0.25 U		0.23		263	2.5 U	4 U		92		2 U		44	0.24
7/12/2021	XD	GWDP4XDJI	0.25 U	0.5 U	0.58		250	2.5 U	2.7	0.1 U		110	2 U		42	0.26
7/12/2021	XX	GW601BE13	0.25 U	0.5 U	0.58		242	2.5 U	2.3	0.1 U		110	55		42	0.25
7/21/2022	XD	GWDP4XF8G	0.2 U	0.5 U	0.67		232	2.5 U	2.9	0.1 U		110	1 U		45	0.27
7/21/2022	XX	GW601BFA1	0.2 U	0.5 U	0.34		237	11	2.1	0.1 U		110	1 U		48	0.3

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Inorganics Parameters

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

(OW-602A)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
OW-602A																
4/11/2018	XX	GW602AA6B	0.25 U	0.5 U	0.05 U	0.04 U	59	2.5 U	3.9	0.1 U		44	2 U	1 U	2.3	0.1 U
6/6/2018	XD	GWDP1XA75	0.25 U	0.5 U	0.56	0.04 U	102	2.5 U	4.4	0.1 U		48	2 U	1 U	11	0.1 U
6/6/2018	XX	GW602AA78	0.25 U	0.5 U	0.13	0.04 U	93	2.5 U	4.6	0.1 U		49	2 U	1 U	12	0.1 U
7/19/2018	XD	GWDP1XAE3	0.25 U		0.19		92	2.5 U	4.6			44	2 U	1 U	13	0.1 U
7/19/2018	XX	GW602AAE6	0.3		0.15		97	2.5 U	4.5			44	2 U	1 U	13	0.1 U
8/21/2018	XX	GW602AAF7	0.25 U		0.094		100	2.5 U	4.5			45	2 U		12	0.1 U
7/18/2019	XX	GW602ABDG	0.72		0.26		77	2.5 U	2.8		43		2 U		5.6	0.1 U
7/22/2020	XX	GW602ACJ9	0.25 U		0.064		108	2.5 U	2.9		56		2 U		11	0.1 U
7/12/2021	XX	GW602AE14	0.25 U	0.5 U	0.9		165	2.5 U	2.4	0.1 U		110		36	16	0.17
7/21/2022	XX	GW602AFA2	0.2 U	0.5 U	0.76		214	2.5 U	3.2	0.1 U		140		1 U	20	0.33
OW-603B																
4/12/2018	XX	GW603BA6C	0.34	0.5 U	0.081	0.04 U	161	7	2.2	0.1 U		120	4	3	2.1	1.1
6/5/2018	XX	GW603BA79	0.25 U	0.5 U	0.054	0.04 U	136	2.5 U	2.1	0.1 U		90	2 U	1 U	1.2	0.27
7/19/2018	XX	GW603BAE7	1.2		0.11		103	1500	2.4			65	2 U	2	1.7	0.1 U
8/21/2018	XX	GW603BAF8	0.25 U		0.099		99	28	2.4			58	2 U		2.5	0.1 U
7/18/2019	XX	GW603BBDH	11		0.28		99	2.5 U	2.9		60		2 U		2	0.1 U
7/22/2020	XX	GW603BCJA	I		I		I	I	I		I		I		I	I
7/13/2021	XX	GW603BE15	D	D	D		D	D	D	D		D	D		D	D
10/6/2021	XX	GW603BE7J	D	D	D		D	D	D	D		D	D		D	D
7/21/2022	XX	GW603BFA3	D	D	D		D	D	D	D		D	D		D	D
OW-604A																
4/12/2018	XX	GW604AA6D	0.25 U	0.5 U	0.46	0.04 U	62	2.5 U	3.5	0.1 U		38	2 U	1 U	1.1	0.1 U
6/4/2018	XX	GW604AA7A	0.25 U	0.5 U	0.18	0.04 U	63	2.5 U	2.5	0.1 U		36	2 U	1 U	1.7	0.1 U
7/19/2018	XX	GW604AAE8	0.28		0.16		74	2.5 U	2.7			38	2 U	1 U	1.9	0.1 U
8/21/2018	XX	GW604AAF9	0.25 U		0.24		101	2.5 U	2.6			58	2 U		1.8	0.1 U
7/18/2019	XX	GW604ABDI	0.62		0.57		87	2.5 U	2.8		53		2 U		1.5	0.1 U
7/21/2020	XX	GW604ACJB	0.25 U		0.78		116	2.5 U	3.3		69		2 U		4.7	0.1
7/14/2021	XX	GW604AE16	0.25 U	0.5 U	2.4		145	3	2.4	0.1 U		84	2 U		6	0.1 U
7/21/2022	XX	GW604AFA4	0.5	0.5 U	4		190	2.5	2.4	0.1 U		110	1 U		11	0.12
OW-605A																
4/10/2018	XX	GW605AA6E	0.25 U	0.5 U	0.11	0.04 U	91	2.5 U	2.9	0.1 U		56	2 U	1 U	9.4	0.1 U
6/5/2018	XX	GW605AA7B	0.25 U	0.5 U	0.086	0.04 U	107	2.5 U	3.1	0.1 U		54	2 U	1 U	12	0.1 U
7/19/2018	XX	GW605AAE9	0.25 U		0.12		106	2.5 U	3.4			53	2 U	1 U	11	0.1 U
8/21/2018	XX	GW605Aafa	0.25 U		0.09		105	2.5 U	3			52	2 U		10	0.1 U
7/14/2021	XD	GWDP6XE1J	0.25 U	0.5 U	0.21		137	2.5 U	2 U	0.1 U		93	2 U		13	0.11
7/14/2021	XX	GW605AE25	0.25 U	0.5 U	0.23		142	3.7	2 U	0.1 U		95	2 U		13	0.1
10/7/2021	XX	GW605AE8G	0.2 U	0.5 U	0.21		151	2.5 U	2 U	0.1 U		100	2 U		11	0.1 U
7/21/2022	XD	GWDP6XFAE	0.2 U	0.5 U	0.13		59	40	2 U	0.1 U		28	1 U		13	0.1 U
7/21/2022	XX	GW605AFB0	0.2 U	0.5 U	0.13		61	35	2 U	0.1 U		27	1 U		13	0.1 U
OW-606A																
4/3/2018	XX	GW606AA6F	0.25 U	0.5 U	0.33	0.04 U	195	2.5 U	36	0.1 U		91	2 U	1 U	36	0.1 U
6/4/2018	XX	GW606AA7C	0.25 U	0.5 U	0.33	0.04 U	231	2.5 U	7.6	0.1 U		94	2 U	1 U	44	0.1 U
7/19/2018	XX	GW606AAEA	0.25 U		0.49		234	2.5 U	8.2			96	2 U	1 U	44	0.1 U
8/21/2018	XX	GW606AAFB	0.25 U		0.33		232	2.5 U	7.7			94	2 U		40	0.1 U
7/14/2021	XX	GW606AE06	0.25 U	0.5 U	0.48		195	2.5 U	8.8	0.1 U		110	2 U		37	0.12

(OW-606A)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
10/7/2021	XX	GW606AE8H	0.2 U	0.5 U	0.3		211	16	8.3	0.1 U		110	2 U		37	0.1 U
7/20/2022	XX	GW606AF94	0.2 U	0.5 U	0.26		204	2.5 U	8.3	0.1 U		110	1 U		36	0.13

OW-606B

2/9/2021	XX	GW606BD9E	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4/8/2021	XX	GW606BDAD	0.27	0.5 U	0.05 U	0.11	286	880	33	0.22		120	2 U	2 U	18	0.12
6/8/2021	XX	GW606BDGG	0.25 U	0.5 U	0.077	0.09	139	23	8.1	0.5 U		71	2 U	2 U	15	0.1 U
7/14/2021	XX	GW606BE37	0.25 U	0.5 U	0.1	0.06	118	27	6.2	0.1 U		60	2 U	2 U	15	0.1 U
8/18/2021	XX	GW606BE4A	0.33	0.5 U	0.12	0.06	128	6.3	6	0.1 U		64	2 U	1 U	15	0.11
10/7/2021	XX	GW606BE8I	0.2 U	0.5 U	0.1		126	9.3	5.9	0.1 U		64	2 U		15	0.1 U
7/20/2022	XX	GW606BFB9	0.2 U	0.5 U	0.11		175	150	5.3	0.1 U		72	1 U		14	0.1 U

OW-607B

2/9/2021	XX	GW607BD9F	0.25 U	0.5 U	0.08	0.04	95	2.7	6	0.1 U		66	2 U	2 U	2.6	0.1 U
4/7/2021	XX	GW607BDAE	0.25 U	0.5 U	0.05 U	0.04 U	89	2.5 U	3.3	0.1 U		67	2 U	2 U	1.3	0.1 U
6/9/2021	XX	GW607BDGH	0.25 U	0.5 U	0.066	0.04 U	105	2.5 U	4.6	0.1 U		66	2 U	2 U	1.6	0.1 U
8/19/2021	XX	GW607BE4B	0.2 U	0.5 U	0.07	0.04 U	98	2.5 U	4.1	0.1 U		64	2 U	2 U	1.5	0.1 U
10/7/2021	XX	GW607BE8J	0.2 U	0.5 U	0.05 U		104	4.7	5.7	0.1 U		81	2 U		1.8	0.1 U
7/20/2022	XX	GW607BFBA	0.2 U	0.5 U	0.088		111	32	4.3	0.1 U		38	1 U		1.3	0.1 U

OW-608A

4/4/2018	XX	GW608AA6G	0.25 U	0.5 U	0.077	0.04 U	127	8	3.9	0.1 U		95	2 U	2 U	1.3	0.1 U
6/4/2018	XX	GW608AA7D	0.25 U	0.5 U	0.053	0.04 U	126	13	6.7	0.1 U		92	2 U	1 U	1.4	0.1 U
7/18/2018	XX	GW608AAEB	0.37		0.061		114	9	7.2			93	2 U	1 U	2.1	0.1 U
8/20/2018	XX	GW608AAFC	0.25 U		0.05 U		105	15	5.9			72	2 U		4.1	0.1 U
7/15/2021	XX	GW608AE26	0.25 U	0.5 U	0.054		118	2.5 U	5.8	0.1 U		95	2 U		1.2	0.1 U
10/6/2021	XX	GW608AE90	0.2 U	0.5 U	0.05 U		95	3.7	2 U	0.1 U		73	2 U		2.5	0.1 U
7/20/2022	XX	GW608AFB1	0.2 U	0.5 U	0.05 U		132	11	6	0.1 U		130	1 U		1.9	0.1 U

OW-608B

2/10/2021	XX	GW608BD9G	0.25 U	0.5 U	0.066	0.08	223	31	29	0.5 U		110	2 U	2 U	6	0.1 U
4/8/2021	XD	GWDP1XDA6	0.25 U	0.5 U	0.05 U	0.06	177	3.5	32	0.1 U		100	2 U	2 U	3.7	0.1 U
4/8/2021	XX	GW608BDAF	0.25 U	0.5 U	0.05 U	0.06	188	3.5	41	0.1 U		99	2 U	2 U	4.8	0.1 U
6/8/2021	XX	GW608BDGI	0.25 U	0.5 U	0.06	0.06	175	2.5 U	39	0.1 U		99	2 U	2 U	3.1	0.1 U
8/17/2021	XD	GWDP1XE43	0.21	0.5 U	0.05 U	0.07	142	5	20	0.1 U		95	2 U	2 U	1.9	0.1 U
8/17/2021	XX	GW608BE4C	0.22	0.5 U	0.05 U	0.07	142	2.5 U	21	0.1 U		97	2 U	2 U	1.9	0.1 U
10/6/2021	XX	GW608BE91	0.2 U	0.5 U	0.05 U		163	2.7	38	0.1 U		100	2 U		2.6	0.1 U
7/20/2022	XX	GW608BFBB	0.2 U	0.5 U	0.05 U		156	2.5 U	25	0.1 U		98	1 U		2	0.1 U

OW-609B

2/10/2021	XX	GW609BD9H	0.25 U	0.5 U	0.065	0.04 U	543	3.7	44	0.1 U		72	2 U	2 U	51	0.1 U
4/8/2021	XX	GW609BDAG	0.49	0.5 U	0.05 U	0.07	246	15	21	0.1 U		71	5.5	2 U	35	0.1 U
6/8/2021	XX	GW609BDGJ	0.25 U	0.5 U	0.068	0.04	337	4.3	97	0.1 U		110	3.2	2	36	0.1 U
8/17/2021	XX	GW609BE4D	0.25	0.5 U	0.05 U	0.07	309	7	77	0.1 U		120	2.8	3	31	0.1 U
10/7/2021	XX	GW609BE92	0.2 U	0.5 U	0.05 U		271	8.3	56	0.1 U		120	2 U		34	0.1 U
7/18/2022	XX	GW609BFBC	0.84	0.5 U	0.05 U		209	5.5	39	0.1 U		110	1.5		23	0.1 U

OW-611A

4/4/2018	XX	GW611AA6H	0.25 U	0.5 U	0.48	0.04 U	256	2.5 U	40	0.1 U		130	2 U	2 U	31	0.1 U
6/5/2018	XX	GW611AA7E	0.25 U	0.5 U	0.44	0.04 U	257	2.5 U	15	0.1 U		120	2 U	1 U	39	0.1 U
7/18/2018	XX	GW611AAEC	0.28		0.46		249	2.5 U	13			120	2 U	1 U	42	0.1 U
8/20/2018	XX	GW611AAFD	0.25 U		0.33		233	2.5 U	13			110	2 U		41	0.1 U

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 4 BLANCHARD ROAD
 CUMBERLAND CENTER, ME 04021

(OW-611A)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/14/2021	XX	GW611AE27	0.25 U	0.5 U	0.51		287	2.5 U	17	0.1 U		130	2 U		48	0.1 U
10/7/2021	XX	GW611AE93	0.2 U	0.5 U	0.55		301	2.5 U	18	0.1 U		140	2 U		48	0.1 U
7/20/2022	XX	GW611AFB2	0.32	0.5 U	0.85		277	2.5 U	17	0.1 U		140	1 U		44	0.1 U

P-04-02																
4/22/2013	XX	GWXXXX5II	!	!			!	!	!		!		!		!	!

P-04-02R																
7/15/2015	XX	GWXXXX7DJ	0.5 U		2 U		188	26	32.4		82		2 U		15.4	0.1 U
10/28/2015	XX	GWXXXX7J4	0.5 U		0.5 U		442	5	147		106		2 U		42.5	0.1 U
4/6/2016	XX	GWXXXX87I	0.5		0.05 U		325	4 U	114		112		2 U		15.4	0.1 U
7/27/2016	XX	GWXXXX8C7	0.5 U		0.05		456	4 U	158		129		2 U		15.8	0.4 U
10/26/2016	XX	GWXXXX904	0.5		0.05 U		394	4 U	146		121		32.5		13	0.4 U
4/19/2017	XX	GWXXXX98C	0.5 U		0.05		412	10	120		150		2 U		9.6	0.2 U
7/26/2017	XX	GWXXXX9E8	0.5 U		0.06		357	2.5 U	120		140		2 U		7.4	0.2 U
10/25/2017	XX	GWXXXX9I3	0.25 U		0.08		331	2.5 U	110		120		2 U		5	0.1 U
4/4/2018	XX	GWXXXXA44	0.25 U		0.14		281	3.3	45		140		2 U		3	0.1 U
7/18/2018	XX	GWXXXXAD3	0.25 U		0.15		267	2.5 U	70		140		2 U		4	0.1 U
10/3/2018	XX	GWXXXXB21	0.25 U		0.094		254	2.5 U	69		130		2 U		3	0.1 U
4/22/2019	XX	GWXXXXB70	0.25 U		0.088		233	2.5 U	57		130		2 U		1.9	0.1 U
7/17/2019	XX	GWXXXXBDA	0.25 U		0.097		260	2.5 U	57		150		2 U		2.4	0.1 U
10/30/2019	XX	GWXXXXBJ2	0.25 U		0.1		215	2.5 U	9		140		2 U		6.2	0.1 U
4/29/2020	XX	GWXXXXCEA	0.25 U		0.092		236	2.5 U	45		170		2 U		2.8	0.1 U
7/22/2020	XX	GWXXXXCJ3	0.25 U		0.05 U		213	2.5 U	39		150		2 U		2.1	0.1 U
10/28/2020	XX	GWXXXXD46	0.25 U		0.05 U		195	2.5 U	34		140		15 M10		1.7	0.1 U
4/7/2021	XX	GWXXXXDD9	0.25 U		0.05 U		206	2.5 U	31		140		2 U		1.8	0.1 U
7/12/2021	XX	GWXXXXE10	0.25 U		0.1		196	2.5 U	29		140		29		1.6	0.1 U
10/6/2021	XX	GWXXXXE77	0.36		0.056		193	6	31		140		2 U		1.6	0.1 U
4/26/2022	XX	GWXXXXF11	0.5		0.15		202	12	22		140		1 U		1.5	0.1 U
7/19/2022	XX	GWXXXXF9I	0.2 U		0.087		202	2.5 U	23		140		1 U		1.5	0.1 U
10/4/2022	XX	GWXXXXFJH	0.22		0.18		210	12	11		120		1.4		1 U	0.1 U

P-04-04																
4/24/2013	XX	GWXXXX5IJ	0.479	0.5 U			115	4 U	9.2		80		2 U		1.3	0.1 U
7/31/2013	XX	GWXXXX654	0.613				100	4 U	7.8		76		2 U		1.4	0.1 U
10/30/2013	XX	GWXXXX67E	0.5 U				115	4 U	7.7		76		2 U		1.8	0.1 U
4/23/2014	XX	GWXXXX6G0	0.5 U				112	4 U	8.2		79		2 U		1.8	0.1 U
7/30/2014	XX	GWXXXX703	0.5 U				113	4 U	7.2		78		2 U		1.5	0.1 U
10/22/2014	XX	GWXXXX73E	0.5 U				102	4 U	7.4		80		2 U		1.5	0.1 U
4/29/2015	XX	GWXXXX79B	0.5 U		0.5 U		105	4 U	9.2		79		2 U		2	0.1 U
7/15/2015	XX	GWXXXX7D3	0.5 U		2 U		108	4 U	8.9		78		2 U		2.1	0.1 U
10/28/2015	XX	GWXXXX7IC	0.5 U		0.5 U		111	4 U	8.9		76		2 U		2.6	0.1 U
4/6/2016	XX	GWXXXX872	0.5 U		0.05 U		115	4 U	9.4		80		2 U		2.2	0.1 U
7/27/2016	XX	GWXXXX8BC	0.9		0.05 U		113	4 U	8.1		77		2 U		2.2	0.2 U
10/26/2016	XX	GWXXXX8JB	0.5 U		0.1		119	4 U	8.8		78		2 U		2.7	0.2 U
4/19/2017	XX	GWXXXX97H	0.5 U		0.05		112	2.5 U	5.3		81		2 U		2.8	0.2 U
7/26/2017	XX	GWXXXX9DF	0.5 U		0.09		109	2.5 U	9.4		77		2 U		3.4	0.2 U
10/25/2017	XX	GWXXXX9HA	0.25 U		0.11		125	2.5 U	8.7		73		2 U		3.1	0.1 U
4/4/2018	XX	GWXXXXA39	0.25 U		0.16		111	2.5 U	4.1		80		2 U		3.3	0.1 U
7/18/2018	XX	GWXXXXACA	0.28		0.13		112	2.5 U	7.8		77		2 U		4	0.1 U
10/3/2018	XX	GWXXXXB18	0.25 U		0.11		118	2.5 U	8.5		78		2 U		4.5	0.1 U

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(P-04-04)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/22/2019	XX	GWXXXXB65	0.27		0.13		118	2.5 U	9.7		76		2 U		4.3	0.1 U
7/17/2019	XX	GWXXXXBCG	0.25 U		0.13		115	2.5 U	9.1		81		2 U		5.6	0.1 U
10/30/2019	XX	GWXXXXBI9	0.25 U		0.14		114	2.5 U	8.8		78		2 U		5.9	0.1 U
4/29/2020	XX	GWXXXXCDG	0.41		0.14		105	2.5 U	9.4		81		2 U		7.2	0.1 U
7/22/2020	XX	GWXXXXC19	0.25 U		0.05 U		115	2.5 U	8.8		77		2 U		7.4	0.1 U
10/28/2020	XX	GWXXXXD3D	0.25 U		0.092		109	2.5 U	7.8		77		3.7 M10		7.5	0.1 U
4/7/2021	XX	GWXXXXDCF	0.25 U		0.097		128	2.5 U	7.3		79		2 U		8.4	0.1 U
7/12/2021	XX	GWXXXXE07	0.25 U		0.17		121	2.5 U	7.8		78		18		9.2	0.1 U
10/6/2021	XX	GWXXXXE6F	0.2 U		0.14		131	3.3	8.3		77		2 U		9.7	0.1 U
4/26/2022	XX	GWXXXXF17	0.46		0.14		136	2.5 U	7.5		77		1 U		10	0.1 U
7/19/2022	XX	GWXXXXF95	0.54		0.1		134	2.5 U	9		83		1 U		11	0.1 U
10/4/2022	XX	GWXXXXFJ6	0.2 U		0.22		160	4 U	8.4		77		1 U		11	0.1 U
P-04-11A																
2/10/2021	XX	GWXXXXD9I	0.25 U	0.5 U	0.19	0.12	105	7	4.6	0.1 U		75	2 U	2 U	2.2	0.1 U
4/8/2021	XX	GWXXXXDAH	0.25 U	0.5 U	0.17	0.12	102	2.5 U	4.3	0.1 U		68	2 U	2 U	1.7	0.1 U
6/9/2021	XX	GWXXXXDH0	0.25 U	0.5 U	0.34	0.1	106	2.5 U	4.2	0.1 U		67	2 U	2	1.6	0.1 U
8/18/2021	XX	GWXXXXE4E	0.55	0.5 U	0.19	0.13	120	2.5 U	5	0.1 U		69	2 U	1 U	1.9	0.1 U
10/6/2021	XX	GWX11AE94	0.2 U	0.5 U	0.17		97	2.5 U	4.5	0.1 U		69	2 U		1.6	0.1 U
4/27/2022	XX	GWX11AF39	6.1	0.5 U	0.17		95	6.3	3.8	0.1 U		63	1 U		1.5	0.1 U
7/21/2022	XX	GWXXXXFBE	0.2 U	0.5 U	0.1		95	65	4.2	0.1 U		59	1 U		2.3	0.1 U
P-04-11B																
2/10/2021	XX	GWXXXXD9J	0.25 U	0.5 U	0.085	0.05	62	47	3.6	0.1 U		13	2 U	2 U	4.9	0.1 U
4/8/2021	XX	GWXXXXDAI	0.25 U	0.5 U	0.05 U	0.04	62	19	3.2	0.1 U		12	2 U	2 U	4.7	0.1 U
6/9/2021	XX	GWXXXXDH1	0.25 U	0.5 U	0.059	0.04	67	17	2.9	0.1 U		11	2 U	2 U	4.9	0.1 U
8/18/2021	XX	GWXXXXE4F	0.24	0.5 U	0.05 U	0.04 U	63	43	3.3	0.1 U		12	2 U	1 U	6	0.1 U
10/6/2021	XX	GWX11BE95	0.31	0.5 U	0.05 U		52	16	3.1	0.1 U		11	2 U		7.5	0.1 U
4/27/2022	XX	GWX11BF3A	0.2 U	0.5 U	0.096		62	40	2	0.1 U		7.9	1 U		8.9	0.1 U
7/21/2022	XX	GWXXXXFBF	D	D	D		D	D	D	D		D	D		D	D
P-206A																
7/31/2013	XX	GW206A64I														
10/28/2013	XX	GW206A67B							2 U						4.3	
4/21/2014	XX	GW206A6FJ							2 U						6.2	
7/28/2014	XX	GW206A702							2 U						3.3	
10/20/2014	XX	GW206A73B							2 U						3.6	
4/27/2015	XX	GW206A79A			0.5 U				4.8						5.5	
7/13/2015	XX	GW206A7D2			0.5 U				2 U						7.9	
10/26/2015	XX	GW206A7IB			0.7				2 U						8.5	
4/4/2016	XX	GW206A871			0.05 U				2 U						10.2	
4/26/2016	XX	GW206AHBC	0.5 U				95	57			63		2 U			0.1 U
7/25/2016	XX	GW206A8BB	0.6		0.05 U		103	20	2 U		63		2 U		12.5	0.2 U
10/24/2016	XX	GW206A8JA	0.5		0.05 U		108	11	2.2		61		2 U		15.7	0.2 U
4/17/2017	XX	GW206A97G	0.5 U		0.05 U		118	35	2 U		69		2 U		20	0.2 U
7/24/2017	XX	GW206A9DE	0.5 U		0.05 U		120	5 U	2.2		70		2 U		21	0.2 U
10/23/2017	XX	GW206A9H9	0.25 U		0.05 U		120	6	2.7		65		2 U		20	0.1 U
4/2/2018	XX	GW206AA38	0.25 U		0.063		123	2.5 U	2 U		71		2 U		19	0.1 U
7/16/2018	XX	GW206AAC9	0.31		0.064		130	2.5 U	2.8		74		2 U		24	0.1 U
10/1/2018	XX	GW206AB17	0.29		0.05 U		131	4.7	2.2		75		2 U		21	0.1 U
4/22/2019	XX	GW206AB64	0.25 U		0.05 U		124	4.3	2 U		74		2 U		19	0.1 U

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

(P-206A)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/17/2019	XX	GW206ABCF	0.3		0.05 U		136	7.7	2.4		79		2 U		22	0.1 U
10/28/2019	XX	GW206ABI8	0.25 U		0.067		135	18	3.1		78		2 U		21	0.1
4/27/2020	XX	GW206ACDF	0.25 U		0.088		135	15	2.1		78		2 U		20	0.1 U
7/20/2020	XX	GW206ACI8	0.25 U		0.05 U		134	2.5 U	3.4		83		2 U		22	0.1 U
10/26/2020	XX	GW206AD3C	A		A		A	A	A		A		A		A	A
4/5/2021	XX	GW206ADCE	0.25 U		0.093		147	17	3.2		88		2 U		20	0.11
7/14/2021	XX	GW206AE22	0.25 U	0.5 U	0.34		127	5	2.4	0.1 U		66	2 U		23	0.1
10/4/2021	XX	GW206AE6E	0.32		0.58		149	2.5 U	3.2		81		2 U		23	0.1 U
4/25/2022	XX	GW206AF16	0.44		0.33		139	5.3	2.8		73		1 U		20	0.1 U
7/18/2022	XX	GW206AFAH	0.2 U	0.5 U	0.15		158	2.5 U	4.6	0.1 U		80	1 U		21	0.1 U
10/3/2022	XX	GW206AFJ5	0.2 U		0.24			4 U	3.5		87		1 U		21	0.1 U
10/3/2022	XX	GW206AFJ5RR					120 H									

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4/22/2013	XX	GWPWS15HC		0.5 U		0.06	177	4 U	3.1		113		4.5		16.4	0.1
7/29/2013	XX	GWPWS163H				0.32	148	95	2 U		82		12.6		8.9	0.1 U
10/28/2013	XX	GWPWS166A				0.06	90	25	2.5		45		9.8		7	0.1 U
4/21/2014	XX	GWPWS16ED				0.16	197	34	2.2		130		8.4		22.9	0.1 U
7/28/2014	XX	GWPWS16J0				0.37	171	4 U	2 U		106		13.8		7.5	0.12
10/20/2014	XX	GWPWS172A				0.04 U	87	4 U	3.3		21		17.4		8.8	0.1 U
4/27/2015	XX	GWPWS1788			0.5 U	0.04 U	182	4 U	4.3		109		5.5		19.4	0.1 U
7/13/2015	XX	GWPWS17C0			2 U	0.52	156	156	2 U		76		12.5		8.4	0.1 U
10/26/2015	XX	GWPWS17H9			0.5 U	0.06	89	8	2.4		31		10.3		8.7	0.1 U
4/4/2016	XX	GWPWS185J			0.05 U	0.04	166	166	2.5		102		5.6		14.7	0.1 U
7/25/2016	XX	GWPWS18A9			0.05 U	0.19	122	21	2 U		50		13.8		3.1	0.2 U
10/24/2016	XX	GWPWS18I8			0.05 U	0.07	195	19	3.3		125		7.5		7.9	0.2 U
4/17/2017	XX	GWPWS196E			0.05 U	0.04 U	97	2.5 U	4		35		7.6		11	0.2 U
7/24/2017	XX	GWPWS19CC			0.05 U	0.04	150	110	3.4		130		5		7.3	0.2 U
10/25/2017	XX	GWPWS19G7			0.05 U	0.14	156	17	8.5		72		5.4		5.4	0.1 U
4/2/2018	XX	GWPWS1A25			0.27	0.04 U	106	2.5 U	4.5		56		3.8		8.2	0.1 U
7/16/2018	XX	GWPWS1AB7			0.076	0.13	132	16	2 U		77		12		5.1	0.1 U
10/1/2018	XX	GWPWS1B05			0.062	0.06	100	9.7	15		40		10		6	0.1 U
4/22/2019	XX	GWPWS1B51			0.14	0.04 U	141	16	6.4		67		10		8.7	0.1 U
7/15/2019	XX	GWPWS1BBE			0.16	0.08	105	24	2 U		38		21		8.4	0.1 U
10/28/2019	XX	GWPWS1BH7			0.057	0.04 U	134	11	9.9		69		9.4		8.7	0.1 U
4/27/2020	XX	GWPWS1CCE			0.073	0.04 U	180	11	8.9		99		8.6		13	0.1 U
7/20/2020	XX	GWPWS1CH7			0.05 U	0.09	191	14	2 U		81		30		12	0.1 U
10/26/2020	XX	GWPWS1D2B			0.05 U	0.04	172	21	9		95		28 M10		9.6	0.1 U
4/5/2021	XX	GWPWS1DBD			0.05 U	0.22	176	75	2.9		89		24		9.2	0.11
7/12/2021	XX	GWPWS1DJ5			0.05 U	0.1	104	12	8.2		27		35		2.4	0.1 U
10/4/2021	XX	GWPWS1ESD			0.05 U	0.18	192	81	3		120		35		7.2	0.1 U
4/25/2022	XX	GWPWS1F05			0.05 U	0.23	184	83	2.1		81		24		5.5	0.1 U
7/18/2022	XX	GWPWS1F83			0.05 U	0.09	121	6	2 U		38		20		10	0.1 U
10/3/2022	XX	GWPWS1F4RR					110 H									
10/3/2022	XX	GWPWS1FI4			0.05 U	0.07		14	4.7		81		17		5.1	0.1 U

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4/22/2013	XX	GWPWS25HD		0.5 U		0.04 U	82	5	3.8		30		6.4		8.4	0.1 U
7/29/2013	XX	GWPWS263I				0.05	111	62	2 U		28		11.8		19.8	0.1 U
10/28/2013	XX	GWPWS266B				0.1	78	43	4.3		28		5.5		5.1	0.1 U

(PWS10-2)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/21/2014	XX	GWPWS26EE				0.05	38	34	2.5		36		4.7		8.4	0.1 U
7/28/2014	XX	GWPWS26J1				0.04	119	7	2 U		55		10.4		8.3	0.1 U
10/20/2014	XX	GWPWS272B				0.05	113	4 U	8.8		38		13.6		9.8	0.1 U
4/27/2015	XX	GWPWS2789			0.5 U	0.05	91	6	2.5		39		9.9		5.8	0.1 U
7/13/2015	XX	GWPWS27C1			2 U	0.09	94	327	2.2		31		11.9		6.4	0.1 U
10/26/2015	XX	GWPWS27HA			0.5 U	0.04 U	62	4 U	5.2		27		2.6		5	0.1 U
4/4/2016	XX	GWPWS2860			0.08	0.08	81	12	6.3		38		4		8.5	0.1 U
7/25/2016	XX	GWPWS28AA			0.05 U	0.06	103	4 U	2 U		47		12.6		3	0.2 U
10/24/2016	XX	GWPWS28I9			0.05	0.22	89	82	7.4		35		9		5.4	0.2 U
4/17/2017	XX	GWPWS296F			0.08	0.04 U	81	7	3.1		37		7		4.9	0.2 U
7/24/2017	XX	GWPWS29CD			0.05 U	0.04 U	87	5	4		64		7.4		5.4	0.2 U
10/24/2017	XX	GWPWS29G8			D	D	D	D	D		D		D		D	D
4/2/2018	XX	GWPWS2A26			0.17	0.06	56	44	2.6		24		2.8		3.2	0.1 U
7/16/2018	XX	GWPWS2AB8			0.05	0.04	98	2.5 U	3		53		11		3.9	0.1 U
10/1/2018	XX	GWPWS2B06			0.087	0.04	86	3.7	9.7		38		8.3		4.2	0.1 U
4/22/2019	XX	GWPWS2B52			0.05 U	0.04 U	79	2.5 U	12		13		7.5		8.3	0.1 U
7/15/2019	XX	GWPWS2BBF			0.11	0.06	106	4	2 U		34		24		8.5	0.1 U
10/28/2019	XX	GWPWS2BH8			0.064	0.04	76	19	15		14		6.4		6.8	0.1 U
4/27/2020	XX	GWPWS2CCF			0.099	0.04	107	44	19		21		6.2		17	0.1 U
7/20/2020	XX	GWPWS2CH8			0.05 U	0.06	99	2.5 U	8.6		42		13		13	0.1 U
10/26/2020	XX	GWPWS2D2C			0.05 U	0.05	101	20	12		29		19 M10		8.6	0.1 U
4/5/2021	XX	GWPWS2DBE			0.05 U	0.08	74	34	7.8		16		7.5		8.3	0.1 U
7/12/2021	XX	GWPWS2DJ6			0.05 U	0.06	80	5	2 U		22		26		2.8	0.1 U
10/4/2021	XX	GWPWS2ESE			0.05 U	0.05	103	31	3		21		23		6.2	0.1 U
4/25/2022	XX	GWPWS2F06			0.05 U	0.04 U	79	2.5 U	3.2		16		10		13	0.1 U
7/18/2022	XX	GWPWS2F84			0.05 U	0.18	105	3	2 U		23		20		9.5	0.1 U
10/3/2022	XX	GWPWS2F15			0.05	0.04 U		7.2	4.1		27		14		4	0.1 U
10/3/2022	XX	GWPWS2F15RR					47 H									

PWS10-3																
Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
4/22/2013	XX	GWPWS35HE		0.5 U		0.08	72	8	2		21		11		4.1	0.1 U
7/29/2013	XX	GWPWS363J				0.5	141	39	2 U		56		21.6		5.4	0.1 U
10/28/2013	XX	GWPWS366C				0.08	73	29	2 U		22		11.9		6.2	0.1 U
4/21/2014	XX	GWPWS36EF				0.2	107	489	5		35		17		6.3	0.1 U
7/28/2014	XX	GWPWS36J2				0.27	92	57	2 U		32		14.8		5.2	0.1 U
10/20/2014	XX	GWPWS372D				0.06	89	19	2.5		24		18.4		8.9	0.1 U
4/27/2015	XX	GWPWS378A			0.5 U	0.09	68	58	7.4		10.4		8.7		5.3	0.1 U
7/13/2015	XX	GWPWS37C2			2 U	0.11	87	14	2 U		26		11.9		6.6	0.1 U
10/26/2015	XX	GWPWS37HB			0.5 U	0.05	91	9	10.2		25		12.3		2.4	0.1 U
4/4/2016	XX	GWPWS3861			0.05 U	0.04	98	14	4.6		68		2 U		3.2	0.1 U
7/25/2016	XX	GWPWS38AB			D	D	D	D	D		D		D		D	D
10/24/2016	XX	GWPWS38IA			1.5	0.04 U	135	4 U	47.3		7.9		13.3		4	0.2 U
4/17/2017	XX	GWPWS396G			0.05 U	0.06	91	17	4.6		21		16		3.3	0.2 U
7/24/2017	XX	GWPWS39CE			0.05 U	0.11	120	17	2 U		62		20		4.6	0.2 U
10/24/2017	XX	GWPWS39G9			D	D	D	D	D		D		D		D	D
4/2/2018	XX	GWPWS3A27			0.23	0.04 U	48	4	4.1		5.8		6.6		4.5	0.1 U
7/16/2018	XX	GWPWS3AB9			D	D	D	D	D		D		D		D	D
10/1/2018	XX	GWPWS3B07			0.062	0.04	98	11	20		11		12		8.6	0.1 U
4/22/2019	XX	GWPWS3B53			0.05 U	0.04 U	82	3.3	2.3		12		13		15	0.1 U
7/15/2019	XX	GWPWS3BBG			0.062	0.14	82	18	2 U		26		27		8.9	0.1 U

(PWS10-3)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
10/28/2019	XX	GWPWS3BH9			0.15	0.04 U	29	11	2 U		11		2 U		1 U	0.1 U
4/27/2020	XX	GWPWS3CCG			0.14	0.04 U	61	2.5 U	2		22		11		1	0.1 U
7/20/2020	XX	GWPWS3CH9			0.092	0.15	129	11	2 U		51		30		1.8	0.1 U
10/26/2020	XX	GWPWS3D2D			0.054	0.1	106	53	3.9		25		34 M10		7.8	0.1 U
4/5/2021	XX	GWPWS3DBF			0.05 U	0.08	114	92	2 U		51		11		2.1	0.1 U
7/12/2021	XX	GWPWS3DJ7			0.05 U	0.06	97	47	2.1		30		41		1.8	0.1 U
10/4/2021	XX	GWPWS3E5F			0.05 U	0.09	115	48	2 U		28		29		5.7	0.1 U
4/25/2022	XX	GWPWS3F07			0.05 U	0.04 U	91	2.5 U	2 U		30		16		5.7	0.1 U
7/18/2022	XX	GWPWS3F85			0.05 U	0.1	117	25	2 U		46		19		3	0.1 U
10/3/2022	XX	GWPWS3F16			0.13	0.04		10	2 U		30		21		3	0.1 U
10/3/2022	XX	GWPWS3F16RR					83 H									

SW-1																
Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
4/23/2013	XX	SWXX1X5H9		0.5 U		0.04 U	60	4 U	3.1		15.3		7.4	4 U	12.7	0.1 U
7/30/2013	XX	SWXX1X63E				0.05	81	41	2 U		34		16.8	3 U	5.1	0.1 U
10/29/2013	XX	SWXX1X667				0.04 U	73	4 U	2.2		30		10.1	1 U	6.2	0.1 U
4/22/2014	XX	SWXX1X6EA				0.04	98	4 U	6.2		41		5.7	2 U	27.6	0.1 U
7/29/2014	XX	SWXX1X6IH				0.04 U	80	4 U	2 U		27		14.6	3 U	5.1	0.1 U
10/21/2014	XX	SWXX1X727				0.04 U	97	15	2.8		20		16.5	2 U	8.4	0.1 U
4/28/2015	XX	SWXX1X785			0.5 U	0.04 U	79	4 U	3.1		21		7.3	3 U	18	0.1 U
7/14/2015	XX	SWXX1X7BH			2 U	0.06	80	9	1.6 J		37		11.1	3 U	5.7	0.1 U
10/27/2015	XX	SWXX1X7H6			0.5 U	0.04 U	76	4 U	2.6		28		10.4	3 U	9	0.1 U
4/5/2016	XX	SWXX1X85G			0.05 U	0.04 U	69	4 U	3.4		21		6.1	3 U	16.3	0.1 U
7/26/2016	XX	SWXX1X8A6			0.05 U	0.95	135	377	2.2		83		12.9	4	4.1	0.2 U
10/25/2016	XX	SWXX1X8I5			0.05	0.04	126	4	6.6		15.5		17.3	3 U	11	0.2 U
4/18/2017	XX	SWXX1X96B			0.05	0.04 U	60	2.5 U	2 U		13		8.9	3 U	9.8	0.2 U
7/25/2017	XX	SWXX1X9C9			0.06	0.17	169	35	6.8		110		6.7	4	6.4	0.2 U
10/25/2017	XX	SWXX1X9G4			0.12	0.09	139	14	13		27		16	5	13	0.1 U
4/3/2018	XX	SWXX1XA22			0.25	0.04 U	92	2.5 U	3.5		45		4.5	2	11	0.1 U
7/17/2018	XX	SWXX1XAB4			0.063	0.17	151	640	2.2		100		10	6	5	0.1 U
10/2/2018	XX	SWXX1XB02			0.05 U	0.04	105	49	15		44		9.7	1 U	6.3	0.1 U
4/23/2019	XX	SWXX1XB41			0.15	0.16	97	2.5 U	5.3		48		8.2	1 U	7.3	0.1 U
7/16/2019	XX	SWXX1XBBB			0.05 U	0.08	118	30	8.8		33		21	5	9.4	0.1 U
10/29/2019	XX	SWXX1XBH4			0.12	0.04 U	142	16	10		100		5	4	9.7	0.1 U
4/28/2020	XX	SWXX1XCCB			0.18	0.04	144	2.5 U	11		90		5.4	3	13	0.1 U
7/21/2020	XX	SWXX1XCH4			0.05 U	0.09	138	13	2 U		55		18	4	12	0.13
10/27/2020	XX	SWXX1XD28			0.064	0.11	196	46	15		85		49 M10	9	17	0.1 U
4/6/2021	XX	SWXX1XDBA			0.05 U	0.11	139	35	4.8		72		14	2 U	7.6	0.1 U
7/13/2021	XX	SWXX1XDJ2			0.081	0.14	93	15	2 U		40		20	5	2.2	0.1 U
10/5/2021	XX	SWXX1XE5A			0.05 U	0.17	235	170	5.9		170		17	20	8.3	0.13
4/26/2022	XX	SWXX1XF02			0.19	0.04 U	136	8.7	5		80		7.6	2	8.9	0.1 U
7/19/2022	XX	SWXX1XF80			0.05 U	0.27	118	140	2 U		30		21	19	9.9	0.1 U
10/4/2022	XX	SWXX1XF11			0.097	0.26	200	19	5.1		96		19	9	6.1	0.1 U

SW-2																
Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
4/23/2013	XX	SWXX2X5HA		0.5 U		0.04 U	66	4 U	2 U		13		7.6	4 U	13.6	0.1 U
4/23/2013	XD	SWDP2X5HF		0.5 U		0.04 U	62	4 U	2 U		12.8		7.8	4 U	14.2	0.1 U
7/30/2013	XX	SWXX2X63F				0.04 U	74	4	2 U		25		24.1	3 U	4.5	0.1 U
10/29/2013	XX	SWXX2X668				0.04 U	65	4 U	2 U		22		11.8	1 U	6.6	0.1 U
10/29/2013	XD	SWDP2X66D				0.04	68	6	2 U		21		11.9	1 U	6.6	0.1 U

SUMMARY REPORT

Inorganics Parameters

(SW-2)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
4/22/2014	XX	SWXX2X6EB				0.04 U	56	4 U	2.6		13.6		6.6	2 U	16.1	0.1 U
4/22/2014	XD	SWDP2X6EG				0.04 U	58	4 U	2.7		13.4		6.5	2 U	16.4	0.1 U
7/29/2014	XX	SWXX2X6II				0.1	76	42	2 U		26		15.1	5	5.3	0.1 U
10/21/2014	XX	SWXX2X728				0.04 U	95	4 U	2.2		13.7		17.6	2 U	9	0.1 U
10/21/2014	XD	SWDP2X72E				0.04 U	95	4 U	2.4		14.1		17.9	2 U	9	0.1 U
4/28/2015	XX	SWXX2X786			0.5 U	0.04 U	77	4 U	2.3		12		7.9	3 U	17.6	0.1 U
4/28/2015	XD	SWDP2X78B			0.5 U	0.04 U	76	4 U	3.4		11.9		7.8	3 U	19.3	0.1 U
7/14/2015	XX	SWXX2X7BI			2 U	0.04	73	19	2 U		27		12.4	3	6	0.1 U
10/27/2015	XX	SWXX2X7H7			0.5 U	0.04 U	71	30	2 U		16.2		14.1	3 U	9.2	0.1 U
10/27/2015	XD	SWDP2X7HC			0.5 U	0.04 U	74	4 U	2		16.1		12.3	3 U	9.3	0.1 U
4/5/2016	XD	SWDP2X862			0.05 U	0.04 U	62	4 U	3.1		15.7		6.3	3 U	16.4	0.1 U
4/5/2016	XX	SWXX2X85H			0.05 U	0.04 U	71	4 U	2.8		16.7		6.3	3 U	17.5	0.1 U
7/26/2016	XX	SWXX2X8A7			0.05 U	0.05	92	15	2 U		34		17.7	3	2.1	0.2 U
10/25/2016	XD	SWDP2X8IB			0.05 U	0.04	121	4 U	4.1		14.6		18.5	3 U	11.8	0.2 U
10/25/2016	XX	SWXX2X8I6			0.05 U	0.04	131	4 U	3.8		14.5		20.6	3 U	11.7	0.2 U
4/18/2017	XD	SWDP2X96H			0.05 U	0.04 U	61	2.5 U	2.5		12		8.7	3 U	7.2	0.2 U
4/18/2017	XX	SWXX2X96C			0.05 U	0.04 U	63	2.5 U	2.2		12		9.4	3 U	6.8	0.2 U
7/25/2017	XX	SWXX2X9CA			0.06	0.09	93	9	3.2		46		8.9	2 U	3.4	0.2 U
10/25/2017	XD	SWDP2X9GA			0.11	0.11	107	10	3.8		22		14	5	13	0.1 U
10/25/2017	XX	SWXX2X9G5			0.16	0.1	114	4.7	3.5		21		14	4	13	0.1 U
4/3/2018	XD	SWDP2XA28			0.076	0.04 U	54	2.5 U	2 U		7.9		6.9	1 U	6.4	0.1 U
4/3/2018	XX	SWXX2XA23			0.084	0.04 U	67	2.5 U	2 U		8.6		7.2	1 U	6.8	0.1 U
7/17/2018	XX	SWXX2XAB5			0.05 U	0.43	103	76	2.3		40		18	42	4.6	0.1 U
10/2/2018	XD	SWDP2XB08			0.05 U	0.11	96	42	9.8		21		16	8	10	0.1 U
10/2/2018	XX	SWXX2XB03			0.065	0.09	94	16	9.2		25		16	7	9.8	0.1 U
4/23/2019	XD	SWDP2XB54			0.05 U	0.04 U	77	2.5 U	2.1		13		13	1 U	16	0.1 U
4/23/2019	XX	SWXX2XB4J			0.05 U	0.04 U	73	2.5 U	2 U		13		13	1 U	16	0.1 U
7/16/2019	XD	SWDP2XBBH			0.05 U	0.06	107	19	2 U		23		24	3	12	0.1 U
7/16/2019	XX	SWXX2XBBC			0.05 U	0.05	93	22	2 U		23		30	3	12	0.1 U
10/29/2019	XD	SWDP2XBHA			0.05 U	0.04 U	117	2.5 U	2 U		14		30	1 U	9.5	0.1 U
10/29/2019	XX	SWXX2XBH5			0.05 U	0.04 U	66	2.5 U	2 U		13		13	1 U	9.3	0.1 U
4/28/2020	XD	SWDP2XCCH			0.089	0.04 U	62	2.5 U	3.1		15		7.1	2 U	12	0.1 U
4/28/2020	XX	SWXX2XCCE			0.084	0.04 U	61	2.5 U	2.8		14		7.2	2 U	12	0.1 U
7/21/2020	XD	SWDP2XCHA			0.05 U	0.12	100	3.7	2 U		33		21	2	4.5	0.1 U
7/21/2020	XX	SWXX2XCH5			0.05 U	0.04	113	2.5 U	2 U		33		21	2	4.3	0.1 U
10/27/2020	XD	SWDP2XD2E			0.05 U	0.04 U	84	2.5 U	4.4		13		28 M10	1	9.8	0.1 U
10/27/2020	XX	SWXX2XD29			0.05 U	0.04 U	87	2.5 U	4.3		13		28 M10	1 U	9.8	0.1 U
4/6/2021	XD	SWDP2XDBG			0.05 U	0.04 U	74	2.5 U	2.6		20		7.9	2 U	13	0.1 U
4/6/2021	XX	SWXX2XDBB			0.05 U	0.04 U	77	2.5 U	2.8		16		8.1	2 U	13	0.1 U
7/13/2021	XD	SWDP2XDJ8			0.093	0.07	101	2.5	2 U		24		24	4	5.6	0.1 U
7/13/2021	XX	SWXX2XDJ3			0.05 U	0.06	104	2.5	2 U		24		25	2	6	0.1 U
10/5/2021	XD	SWDP2XE5G			0.05 U	0.04 U	92	10	2 U		16		21	2 U	6.6	0.1 U
10/5/2021	XX	SWXX2XE5B			0.05 U	0.04 U	97	2.5 U	2 U		15		21	2 U	6.8	0.1 U
4/26/2022	XD	SWDP2XF08			0.05 U	0.04 U	73	2.5 U	2.1		15		8	1 U	12	0.1 U
4/26/2022	XX	SWXX2XF03			0.05 U	0.04 U	72	2.5 U	2		14		8.3	1 U	12	0.1 U
7/19/2022	XD	SWDP2XF86			0.05 U	0.04	104	2.5 U	2.4		23		18	2 U	6.2	0.1 U
7/19/2022	XX	SWXX2XF81			0.05 U	0.04	104	2.5 U	2.5		22		18	2 U	6.2	0.1 U
10/4/2022	XD	SWDP2XF17			0.085	0.04 U	120	5.6	2.1		22		17	2 U	4.6	0.1 U
10/4/2022	XX	SWXX2XF12			0.12	0.04 U	120	4 U	2		21		17	2 U	4.5	0.1 U

(SW-3)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L

SW-3																
4/23/2013	XX	SWXX3X5HB		0.5 U		0.04 U	56	4 U	3.1		14.8		7	4 U	9.8	0.1 U
7/30/2013	XX	SWXX3X63G				0.04 U	67	5	2.4		28		13.7	3 U	5.2	0.1 U
7/30/2013	XD	SWDP2X640				0.04 U	72	4 U	2.3		28		13.7	3 U	5.1	0.1 U
10/29/2013	XX	SWXX3X669				0.04 U	74	4 U	2.7		29		7.8	1 U	7.7	0.1 U
4/22/2014	XX	SWXX3X6EC				0.04 U	53	4 U	3.3		12		6.4	2 U	13.8	0.1 U
7/29/2014	XX	SWXX3X6IJ				0.04 U	75	4 U	2 U		27		10	3 U	5.3	0.1 U
7/29/2014	XD	SWDP2X6J3				0.04 U	76	4 U	2 U		25		10.1	3 U	5.1	0.1 U
10/21/2014	XX	SWXX3X729				0.04 U	90	4 U	5.7		15.1		15.4	2 U	7	0.1 U
4/28/2015	XX	SWXX3X787			0.5 U	0.04 U	68	4 U	3.1		12.6		7.1	3 U	13.5	0.1 U
7/14/2015	XX	SWXX3X7BJ			2 U	0.04 U	69	4 U	2.3		29		9.7	3 U	6.1	0.1 U
7/14/2015	XD	SWDP2X7C3			2 U	0.04 U	69	4 U	2.2		28		9.7	3 U	6.1	0.1 U
10/27/2015	XX	SWXX3X7H8			0.5 U	0.04 U	85	4 U	3		23		9.1	3 U	9.1	0.1 U
4/5/2016	XX	SWXX3X85I			0.06	0.04 U	60	4 U	3.6		16.8		6.4	3 U	12.3	0.1 U
7/26/2016	XD	SWDP2X8AC			0.05 U	0.05	85	4 U	2.1		37		12.8	3 U	4.9	0.2 U
7/26/2016	XX	SWXX3X8A8			0.05 U	0.05	85	4 U	2.1		36		12.9	3 U	4.9	0.2 U
10/25/2016	XX	SWXX3X8I7			0.05 U	0.04 U	104	4 U	10.8		15.6		12.5	3 U	8.7	0.2 U
4/18/2017	XX	SWXX3X96D			0.05 U	0.04 U	55	2.5 U	4.2		12		8.4	3 U	4.3	0.2 U
7/25/2017	XD	SWDP2X9CF			0.06	0.04	101	4.3	2.6		43		8.5	2 U	11	0.2 U
7/25/2017	XX	SWXX3X9CB			0.05	0.04	100	2.5 U	2.6		43		9.6	2 U	11	0.2 U
10/25/2017	XX	SWXX3X9G6			0.22	0.06	139	2.5 U	11		22		15	7	20	0.1 U
4/3/2018	XX	SWXX3XA24			0.26	0.04 U	79	2.5 U	2 U		11		6.8	1 U	14	0.1 U
7/17/2018	XD	SWDP2XABA			0.07	0.09	85	25	2.5		41		13	3	11	0.1 U
7/17/2018	XX	SWXX3XAB6			0.074	0.09	91	17	2.6		40		12	3	10	0.1 U
10/2/2018	XX	SWXX3XB04			0.05 U	0.04 U	69	2.5 U	14		23		9	1 U	5.2	0.1 U
4/23/2019	XX	SWXX3XB50			0.05 U	0.04 U	63	2.5 U	2.7		11		11	1 U	10	0.1 U
7/16/2019	XX	SWXX3XBBB			0.05 U	0.05	93	2.5 U	2 U		31		19	2 U	7.3	0.1 U
10/29/2019	XX	SWXX3XBH6			0.05 U	0.04 U	66	2.5 U	2.5		11		14	1 U	5.9	0.1 U
4/28/2020	XX	SWXX3XCCD			0.1	0.04 U	56	2.5 U	3		13		8.1	2 U	9.9	0.1 U
7/21/2020	XX	SWXX3XCH6			0.05 U	0.04 U	108	2.5 U	2 U		31		12	1	12	0.1 U
10/27/2020	XX	SWXX3XD2A			0.065	0.04 U	73	2.5 U	6.4		26		17 M10	1 U	18	0.11
4/6/2021	XX	SWXX3XDBC			0.05 U	0.04 U	61	2.5 U	3		12		7.8	2 U	8.9	0.1 U
7/13/2021	XX	SWXX3XDJ4			0.05 U	0.04	72	3.3	2 U		23		14	2	4.5	0.1 U
10/5/2021	XX	SWXX3XE5C			0.077	0.04 U	94	2.5 U	2 U		20		18	2 U	6	0.1 U
4/26/2022	XX	SWXX3XF04			0.055	0.04 U	65	2.5 U	2.3		13		9.2	1 U	11	0.1 U
7/19/2022	XX	SWXX3XF82			0.096	0.04	116	12	2 U		30		12	2 U	18	0.1 U
10/4/2022	XX	SWXX3XF13			0.19	0.04 U	68	4 U	6.1		27		10	2 U	5.9	0.1 U

SW-DP1																
4/23/2013	XX	SWDP1X5HH		0.5 U		0.06	118	12	27.4		57		2 U		15.2	0.13
7/30/2013	XX	SWDP1X642				0.04 U	55	4 U	7.2		27		2.6		4.4	0.1 U
10/29/2013	XX	SWDP1X66F				0.04	90	12	9.1		69		2.8		5.5	0.1 U
4/22/2014	XX	SWDP1X6EI				0.05	58	10	5.3		32		2 U		5.4	0.1 U
7/29/2014	XX	SWDP1X6J5				0.07	44	6	2.3		16.2		2.4		1.8	0.1 U
10/21/2014	XX	SWDP1X72G				0.04 U	47	4 U	4.9		17		2.2		1.9	0.1 U
4/28/2015	XX	SWDP1X78D			0.5 U	0.05	75	11	7.4		35		2 U		8.3	0.1 U
7/14/2015	XX	SWDP1X7C5			2 U	0.04 U	68	4 U	4.1		46		2.8		3.1	0.1 U
10/27/2015	XX	SWDP1X7HE			0.5 U	0.04 U	56	4	5		25		2 U		5.3	0.1 U
4/5/2016	XX	SWDP1X864			0.05 U	0.05	67	11	8.1		32		2 U		6.7	0.1 U

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Inorganics Parameters

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

(SW-DP1)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L
7/26/2016	XX	SWDP1X8AE			0.05 U	0.04 U	78	4 U	7.2		45		3.8		3.9	0.2 U
10/25/2016	XX	SWDP1X8ID			0.05 U	0.04 U	72	8	8.6		24		2.7		2.1	0.2 U
4/18/2017	XX	SWDP1X96J			0.05 U	0.04 U	55	2.5 U	7		32		2.1		7.4	0.2 U
7/25/2017	XX	SWDP1X9CH			0.09	0.04	94	11	5.4		57		3.7		6.6	0.2 U
10/23/2017	XX	SWDP1X9GC			0.05 U	0.04 U	93	2.5 U	6.8		39		2.9		3.9	0.1 U
4/3/2018	XX	SWDP1XA2B			0.21	0.04 U	52	6	2.6		7.2		2 U		1.9	0.1 U
7/17/2018	XX	SWDP1XABC			0.055	0.05	61	18	4.6		30		3.4		1.4	0.1 U
10/2/2018	XX	SWDP1XB0A			0.05 U	0.04 U	49	3.7	7		25		2.4		1.9	0.1 U
4/23/2019	XX	SWDP1XB57			0.15	0.04 U	69	3.7	21		21		2 U		3.2	0.1 U
7/16/2019	XX	SWDP1XBBJ			0.05 U	0.04 U	60	2.5 U	12		23		2.3		1.5	0.1 U
10/29/2019	XX	SWDP1XBHC			0.23	0.06	84	16	9.4		42		3.6		2.2	0.1 U
4/28/2020	XX	SWDP1XCCJ			0.55	0.04	251	8	22		59		5.4		79	1.1
7/21/2020	XX	SWDP1XCHC			0.05 U	0.12	164	31	22		83		5.8		12	0.22
10/27/2020	XX	SWDP1XD2G			0.051	0.12	114	25	23		52		12 M10		6.3	0.1 U
4/6/2021	XX	SWDP1XD8I			0.15	0.2	191	18	12		23		2 U		2.5	0.1 U
7/13/2021	XX	SWDP1XDJA			0.07	0.24	185	29	7.9		41		3.6		1.3	0.1 U
10/5/2021	XX	SWDP1XE5I			0.05 U	0.06	83	11	5.3		42		2 U		1 U	0.1 U
4/26/2022	XX	SWDP1XF0A			0.05 U	0.12	101	26	32		28		2.8		5.2	0.1 U
7/19/2022	XX	SWDP1XF88			0.052	0.14	192	33	44		49		4.4		7.2	0.1 U
10/4/2022	XX	SWDP1XF19			0.13	0.04	110	9.6	36		40		2.2		2.9	0.1 U
SW-DP5																
4/23/2013	XX	SWDP5X60I		0.5 U		0.06	110	7	32.1		37		2 U		10.7	0.1 U
7/30/2013	XX	SWDP5X65H				0.05	71	5	12.3		9		4.8		2.3	0.1 U
10/29/2013	XX	SWDP5X686				D	D	D	D		D		D		D	D
4/22/2014	XX	SWDP5X6GD				0.07	110	15	38		29		3.1		20.9	0.1 U
7/29/2014	XX	SWDP5X70F				0.1	81	29	7.5		26		2.9		3.9	0.1 U
10/21/2014	XX	SWDP5X743				0.05	90	9	22.9		23		2 U		4.1	0.1 U
4/28/2015	XX	SWDP5X7A3			0.5 U	0.05	137	12	38.1		31		2 U		20.1	0.1 U
7/14/2015	XX	SWDP5X7DF			2 U	0.04	107	9	14.4		50		3.8		8	0.1 U
10/27/2015	XX	SWDP5X7J2			D	D	D	D	D		D		D		D	D
7/26/2016	XX	SWDP5X8C4			D	D	D	D	D		D		D		D	D
10/25/2016	XX	SWDP5X902			I	I	I	I	I		I		I		I	I
4/18/2017	XX	SWDP5X989			D	D	D	D	D		D		D		D	D
7/25/2017	XX	SWDP5X9E6			0.05	0.06	127	7	24		57		5.6		4.7	0.2 U
10/24/2017	XX	SWDP5X9I1			D	D	D	D	D		D		D		D	D
4/3/2018	XX	SWDP5XA41			0.27	0.04	47	7.3	2.5		15		2 U		1.6	0.1 U
7/17/2018	XX	SWDP5XAD1			D	D	D	D	D		D		D		D	D
10/2/2018	XX	SWDP5XB1J			D	D	D	D	D		D		D		D	D
4/23/2019	XX	SWDP5XB6H			0.3	0.07	103	50	30		26		2		4.5	0.1 U
7/16/2019	XX	SWDP5XBD8			0.063	0.04 U	74	2.5 U	14		32		3		2.4	0.1 U
10/29/2019	XX	SWDP5XBJ0			0.065	0.06	80	21	26		23		2 U		2.3	0.1 U
4/28/2020	XX	SWDP5XCE8			0.14	0.04	101	14	36		33		2.5		6.8	0.1 U
7/21/2020	XX	SWDP5XCJ1			0.05 U	0.05	126	5	22		47		3.6		2.3	0.1 U
10/27/2020	XX	SWDP5XD44			0.089	0.08	69	14	14		30		6.7 M10		1.9	0.1 U
4/6/2021	XX	SWDP5XDD7			0.17	0.23	111	97	11		26		2.5		4.3	0.1 U
7/13/2021	XX	SWDP5XE0J			0.05 U	0.1	91	26	4.7		18		6.8		1 U	0.1 U
10/5/2021	XX	SWDP5XE75			0.05 U	0.07	66	53	8.8		23		2.5		1.4	0.1 U
4/26/2022	XX	SWDP5XF1H			0.075	0.05	155	8	46		37		4.8		16	0.1 U
7/19/2022	XX	SWDP5XF9H			D	D	D	D	D		D		D		D	D

Date	Type	Sample ID	Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	Bromide
			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
10/4/2022	XX	SWDP5XFJG			D	D	D	D	D		D		D		D	D

SW-DP6																
4/23/2013	XX	SWDP6X5HI		0.5 U		0.07	60	35	10.7		7.8		4.4		7	0.1 U
7/30/2013	XX	SWDP6X643				0.04 U	73	4	20.4		13.1		4.9		4.6	0.1 U
10/29/2013	XX	SWDP6X66G				0.04	71	4 U	23.2		12.6		3.8		4.9	0.1 U
4/22/2014	XX	SWDP6X6EJ				0.1	70	6	21.8		13.1		4.3		17.8	0.1 U
7/29/2014	XX	SWDP6X6J6				0.04 U	65	4 U	4.5		18.3		6.9		4.7	0.1 U
10/21/2014	XX	SWDP6X72H				0.04 U	62	4 U	12.9		13.7		4.7		3.6	0.1 U
4/28/2015	XX	SWDP6X78E			0.5 U	0.05	81	4	17.4		21		3.4		7.2	0.1 U
7/14/2015	XX	SWDP6X7C6			2 U	0.12	131	43	13.5		28		5.7		5.6	0.1 U
10/27/2015	XX	SWDP6X7HF			0.5 U	0.04 U	58	4 U	10.3		22		4		2.7	0.1 U
4/5/2016	XX	SWDP6X865			0.05 U	0.04 U	61	4 U	15		12.7		3.2		6.9	0.1 U
7/26/2016	XX	SWDP6X8AF			0.05 U	0.04 U	92	4 U	29.8		28		5.7		2.8	0.2 U
10/25/2016	XX	SWDP6X8IE			0.1	0.07	104	29	18.8		22		3.8		2	0.2 U
4/18/2017	XX	SWDP6X970			0.05 U	0.04 U	46	4	2 U		9.6		3.5		9.7	0.2 U
7/25/2017	XX	SWDP6X9CI			0.06	0.05	87	6	10		16		6.7		9.1	0.2 U
10/23/2017	XX	SWDP6X9GD			0.05 U	0.04 U	88	3.3	21		10		4.5		9.2	0.1 U
4/3/2018	XX	SWDP6XA2C			0.12	0.04	44	31	9.7		11		2.1		3.6	0.1 U
7/17/2018	XX	SWDP6XABD			0.05 U	0.05	94	9.7	32		18		6.6		7.9	0.1 U
10/2/2018	XX	SWDP6XB0B			0.05 U	0.04 U	58	2.5 U	40		6		4.7		4.6	0.1 U
4/23/2019	XX	SWDP6XB58			0.05 U	0.06	57	9.3	12		12		4.2		6.7	0.1 U
7/16/2019	XX	SWDP6XBC0			0.056	0.04 U	59	3.7	8.7		14		6.5		4.6	0.1 U
10/29/2019	XX	SWDP6XBHD			0.05 U	0.04 U	43	5	12		6.3		4.6		1.7	0.1 U
4/28/2020	XX	SWDP6XCD0			0.056	0.05	38	6.7	10		8.4		3.3		4.3	0.1 U
7/21/2020	XX	SWDP6XCHD			0.05 U	0.04	83	8	16		13		6.1		2.3	0.1 U
10/27/2020	XX	SWDP6XD2H			0.058	0.06	65	13	24		14		5.8 M10		1.8	0.1 U
4/6/2021	XX	SWDP6XDBJ			0.05 U	0.04	52	6.5	7.2		10		3.5		2.2	0.1 U
7/13/2021	XX	SWDP6XDJB			0.05 U	0.09	60	9	4.5		12		6.2		1 U	0.1 U
10/5/2021	XX	SWDP6XE5J			0.05 U	0.04	63	4.3	6.6		15		4.7		5.8	0.1 U
4/26/2022	XX	SWDP6XF0B			0.12	0.04	42	6.7	3.8		10		4.1		1.9	0.1 U
7/19/2022	XX	SWDP6XF89			0.05 U	0.15	107	36	4.8		20		5.2		1 U	0.1 U
10/4/2022	XX	SWDP6XFIA			0.14	0.1	55	16	5.5		16		3.4		1.2	0.1 U

OFFICE WELL																
4/6/2016	XX	DWOFFX87J	0.5 U		0.2		174	4 U	16.4		93		2 U		19.5	0.5 U
4/19/2017	XX	DWOFFX98D	0.5 U		0.43		197	2.5 U	14		110		2 U		23	0.5 U
4/4/2018	XX	DWOFFX445	0.25 U		0.57		221	2.7	43		120		2 U		23	0.1 U
4/22/2019	XX	DWOFFXB71	0.25 U		0.42		230	2.5 U	19		110		2 U		29	0.1 U
7/15/2019	XX	DWOFFXBDB	0.25 U		0.65		218	2.5 U	18		120		2 U		30	0.1 U

SCALE HOUSE WELL																
4/6/2016	XX	DWSCLX880	0.7		0.2		345	4	15.2		133		2 U		75.6	0.5 U
4/19/2017	XX	DWSCLX98E	0.5 U		0.65		360	2.5 U	15		140		2 U		74	0.5 U
4/4/2018	XX	DWSCLX446	0.25 U		0.59		309	2.5 U	7.6		130		2 U		58	0.3 U
4/22/2019	XX	DWSCLXB72	0.25 U		0.47		310	2.5 U	24		130		2 U		60	0.2 U
7/15/2019	XX	DWSCLXBDC	0.25 U		0.62		329	2.5 U	21		130		2 U		75	0.2 U

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(SCALE HOUSE WELL)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrite/Nitrate - (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chloride	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	mg/L	mg/L	mg/L	mg/L

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- * - Analysis not within control limits
- A - The sampling location was inaccessible.
- D - The sampling location was dry.
- DE - Decommissioned Location
- F - The sampling location was frozen.
- F12 - Pipe under water, no sample taken.
- F16 - Could not pump water to surface for testing/sampling
- F6 - No flow. Sample not taken.
- H - Analyzed outside U.S.EPA's recommended hold time.
- H8 - No flow from pipe. 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.
- M10 - Due to a identified laboratory instrumentation malfunction, this analytical result is likely elevated—the laboratory has fixed the issue.
- U - Not Detected above the laboratory reporting limit.
- UH - Not Detected above the laboratory reporting limit. Analyzed outside U.S.EPA's recommended hold time

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 CUMBERLAND CENTER, ME 04021

(DP-4)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID										
DP-4												
4/24/2013	XX	GWXXXX5IH		0.011	29.5	0.003 U	0.89	8.2	1.81	1.3	10.8	
LF-COMP												
4/6/2021	XX	LFCOMPDG6	UF	0.005 U	55		0.05 U	9.1	0.05 U	3.7	8.5	
LF-LD-11												
7/13/2021	XX	LFXXXXE1C	UF	0.005 U	120	0.003 U	0.05 U	26	0.06	7.1	10	0.05 U
10/5/2021	XX	LFXXXXE88	UF	0.005 U	140	0.003 U	0.05 U	28	0.18	7.2	11	0.05 U
7/19/2022	XX	LFXXXXFA9	UF	0.005 U	150	0.006 U	0.17	33	0.56	7.8	12	0.05 U
LF-LD-12												
7/13/2021	XX	LFXXXXE1D	UF	0.005 U	47	0.003 U	0.19	8.1	0.77	3.2	7	0.05 U
10/5/2021	XX	LFXXXXE89	UF	0.005	91	0.003 U	0.06	16	3.3	4.5	9.2	0.05 U
7/19/2022	XX	LFXXXXFAA	UF	0.005 U	86	0.003 U	0.46	16	5.3	4.5	7.8	0.05 U
LF-LD-13												
7/19/2022	XX	LFXXXXFB4	UF	0.005 U	43	0.003 U	0.05 U	9	0.48	4.1	6.4	0.05 U
LF-UD-1												
4/23/2013	XX	LFUD1X5I6		0.012	44.4	0.003 U	0.05 U	10.5	0.05 U	3.7	7.9	
7/30/2013	XX	LFUD1X64B		0.015	49.7		0.05 U	10.8	0.05 U	3.2	7.1	
10/29/2013	XX	LFUD1X674		F6	F6		F6	F6	F6	F6	F6	
4/22/2014	XX	LFUD1X6F7		0.015	54.1		0.05	11.4	0.05 U	3.8	8.2	
7/29/2014	XX	LFUD1X6JE		0.006	47.3		4.57	12.1	0.1	4	7.5	
10/21/2014	XX	LFUD1X735		F6	F6		F6	F6	F6	F6	F6	
4/28/2015	XX	LFUD1X792		0.005 U	48.9		0.59	11.2	0.05 U	3.7	8.2	
7/14/2015	XX	LFUD1X7CE		0.013	52.8		0.05 U	10.7	0.05 U	3.5	8.1	
10/27/2015	XX	LFUD1X7I3		F6	F6		F6	F6	F6	F6	F6	
4/5/2016	XX	LFUD1X86D		0.015	48.9		0.05 U	10.2	0.05 U	3.2	8.1	
7/26/2016	XX	LFUD1X8B3		I	I		I	I	I	I	I	
10/25/2016	XX	LFUD1X8J2		F6	F6		F6	F6	F6	F6	F6	
4/18/2017	XX	LFUD1X978		0.005	45		0.22	12	0.05 U	3.5	9.2	
7/25/2017	XX	LFUD1X9D6		0.005 U	58		0.12	14	0.05 U	3.9	10	
10/25/2017	XX	LFUD1X9H1		F6	F6		F6	F6	F6	F6	F6	
4/3/2018	XX	LFUD1XA30	UF	0.005 U	57		0.05 U	13	0.05 U	3.6	9.5	
7/17/2018	XX	LFUD1XAC1		F6	F6		F6	F6	F6	F6	F6	
10/2/2018	XX	LFUD1XB0J		F6	F6		F6	F6	F6	F6	F6	
4/23/2019	XX	LFUD1XB5G	UF	0.005 U	58		0.05	10	0.05 U	3.3	7.8	
7/16/2019	XX	LFUD1XBC8		F6	F6		F6	F6	F6	F6	F6	
10/29/2019	XX	LFUD1XBI1		F6	F6		F6	F6	F6	F6	F6	
4/28/2020	XX	LFUD1XCD8		F6	F6		F6	F6	F6	F6	F6	
7/21/2020	XX	LFUD1XCI1		F6	F6		F6	F6	F6	F6	F6	
10/27/2020	XX	LFUD1XD35		F6	F6		F6	F6	F6	F6	F6	
4/6/2021	XX	LFUD1XDC7		H8	H8		H8	H8	H8	H8	H8	
7/13/2021	XX	LFUD1XDJJ		F6	F6		F6	F6	F6	F6	F6	
10/5/2021	XX	LFUD1XE67		F6	F6		F6	F6	F6	F6	F6	
4/26/2022	XX	LFUD1XF0J		F6	F6		F6	F6	F6	F6	F6	
7/19/2022	XX	LFUD1XF8H		F6	F6		F6	F6	F6	F6	F6	
10/4/2022	XX	LFUD1XFII		F6	F6		F6	F6	F6	F6	F6	

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(LF-UD-2)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

LF-UD-2												
4/23/2013	XX	LFUD2X5I7		0.011	36.3	0.003 U	0.05 U	9.6	0.05 U	3	6.8	
7/30/2013	XX	LFUD2X64C		0.012	40.3		0.05 U	10.3	0.05 U	2.6	6.2	
10/29/2013	XX	LFUD2X675		0.008	50.5		0.05 U	10.7	0.05 U	3.4	7.3	
4/22/2014	XX	LFUD2X6F8		0.012	46		0.05 U	11.4	0.05 U	3.2	7.4	
7/29/2014	XX	LFUD2X6JF		0.018	46.3		0.05 U	10.8	0.05 U	3	7	
10/21/2014	XX	LFUD2X736		0.016	71.5		0.05 U	12.3	0.05 U	4.5	9.2	
4/28/2015	XX	LFUD2X793		0.013	49.8		0.05 U	10.9	0.05 U	3.3	7.7	
7/14/2015	XX	LFUD2X7CF		0.013	50.8		0.05 U	10.8	0.05 U	3.4	8	
10/27/2015	XX	LFUD2X7I4		0.011	57.2		0.05 U	11.9	0.05 U	3.7	8.4	
4/5/2016	XX	LFUD2X86E		0.015	47		0.05 U	11.2	0.05 U	3	7.5	
7/26/2016	XX	LFUD2X8B4		0.024	58.9		0.12	13.5	0.05 U	4.2	9.6	
10/25/2016	XX	LFUD2X8J3		0.005 U	68.8		0.05 U	12	0.05 U	3.9	9	
4/18/2017	XX	LFUD2X979		0.005	46		0.38	12	0.05 U	3.7	10	
7/25/2017	XX	LFUD2X9D7		0.005 U	57		0.14	15	0.05 U	3.3	8.7	
10/25/2017	XX	LFUD2X9H2		0.008	68		0.71	14	0.05 U	4.6	9.6	
4/3/2018	XX	LFUD2XA31	UF	0.005 U	49		0.05 U	13	0.05 U	3.5	9.5	
7/17/2018	XX	LFUD2XAC2	UF	0.005 U	67		0.13	14	0.05 U	3.6	9.3	
10/2/2018	XX	LFUD2XB10	UF	0.005 U	70		0.05 U	14	0.05 U	4.5	12	
4/23/2019	XX	LFUD2XB5H		F6	F6		F6	F6	F6	F6	F6	
7/16/2019	XX	LFUD2XBC9	UF	0.005 U	59		0.05 U	12	0.05 U	3.8	11	
10/29/2019	XX	LFUD2XBI2	UF	0.005 U	52		0.7	10	0.05 U	3.5	9.2	
4/28/2020	XX	LFUD2XCD9	UF	0.005 U	60		0.1	11	0.05 U	3.6	9	
7/21/2020	XX	LFUD2XCI2	UF	0.005	65		2.5	15	0.13	5.4	14	
10/27/2020	XX	LFUD2XD36	UF	0.005 U	61		0.05 U	13	0.05 U	4.3	14	
4/6/2021	XX	LFUD2XDC8		H8	H8		H8	H8	H8	H8	H8	
7/13/2021	XX	LFUD2XE00		F6	F6		F6	F6	F6	F6	F6	
10/5/2021	XX	LFUD2XE68		F6	F6		F6	F6	F6	F6	F6	
4/26/2022	XX	LFUD2XF10		F6	F6		F6	F6	F6	F6	F6	
7/19/2022	XX	LFUD2XF8I		F6	F6		F6	F6	F6	F6	F6	
10/4/2022	XX	LFUD2XF1J		F6	F6		F6	F6	F6	F6	F6	

LF-UD-3A,B												
4/23/2013	XX	LFXXX5J5		F6								
7/30/2013	XX	LFXXX65A		F6	F6		F6	F6	F6	F6	F6	
10/29/2013	XX	LFXXX67J		F6	F6		F6	F6	F6	F6	F6	
4/22/2014	XX	LFXXX6G6		F6	F6		F6	F6	F6	F6	F6	
7/29/2014	XX	LFXXX708		F6	F6		F6	F6	F6	F6	F6	
10/21/2014	XX	LFXXX73H		F6	F6		F6	F6	F6	F6	F6	
4/28/2015	XX	LFXXX79G		F6	F6		F6	F6	F6	F6	F6	
7/14/2015	XX	LFXXX7D8		F6	F6		F6	F6	F6	F6	F6	
10/27/2015	XX	LFXXX71F		F6	F6		F6	F6	F6	F6	F6	
4/5/2016	XX	LFXXX877		F6	F6		F6	F6	F6	F6	F6	
7/26/2016	XX	LFXXX8BH		F6	F6		F6	F6	F6	F6	F6	
10/25/2016	XX	LFXXX8JF		F6	F6		F6	F6	F6	F6	F6	
4/18/2017	XX	LFXXX982		F6	F6		F6	F6	F6	F6	F6	
7/25/2017	XX	LFXXX9DJ		F6	F6		F6	F6	F6	F6	F6	
10/25/2017	XX	LFXXX9HE		F6	F6		F6	F6	F6	F6	F6	
4/3/2018	XX	LFXXXA3E		F6	F6		F6	F6	F6	F6	F6	

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(LF-UD-3A,B)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
7/17/2018	XX	LFXXXACE		F6	F6		F6	F6	F6	F6	F6					
10/2/2018	XX	LFXXXB1C		F6	F6		F6	F6	F6	F6	F6					
4/23/2019	XX	LFXXXB6A		F6	F6		F6	F6	F6	F6	F6					
7/16/2019	XX	LFXXXBD1		F6	F6		F6	F6	F6	F6	F6					
10/29/2019	XX	LFXXXBID		F6	F6		F6	F6	F6	F6	F6					
4/28/2020	XX	LFXXXCE1		F6	F6		F6	F6	F6	F6	F6					
7/21/2020	XX	LFXXXCIE		F6	F6		F6	F6	F6	F6	F6					
10/27/2020	XX	LFXXXD3H		F6	F6		F6	F6	F6	F6	F6					
4/6/2021	XX	LFXXXDD0		H8	H8		H8	H8	H8	H8	H8					
7/13/2021	XX	LFXXXE0C		F6	F6		F6	F6	F6	F6	F6					
10/5/2021	XX	LFXXXE6J		F6	F6		F6	F6	F6	F6	F6					
4/26/2022	XX	LFXXXF1B		F6	F6		F6	F6	F6	F6	F6					
7/19/2022	XX	LFXXXF9A		F6	F6		F6	F6	F6	F6	F6					
10/4/2022	XX	LFXXXFJA		F6	F6		F6	F6	F6	F6	F6					

LF-UD-4

4/23/2013	XX	LFXXX5J6		0.012	44.8	0.003 U	0.05 U	10.6	0.05 U	3.7	8.2					
7/30/2013	XX	LFXXX65B		F6	F6		F6	F6	F6	F6	F6					
10/29/2013	XX	LFXXX680		0.009	49.4		0.05 U	10.9	0.05 U	3.4	7.4					
4/22/2014	XX	LFXXX6G7		0.014	62.6		0.05 U	11.3	0.05 U	4.7	9					
7/29/2014	XX	LFXXX709		F6	F6		F6	F6	F6	F6	F6					
10/21/2014	XX	LFXXX73I		F6	F6		F6	F6	F6	F6	F6					
4/28/2015	XX	LFXXX79H		F6	F6		F6	F6	F6	F6	F6					
7/14/2015	XX	LFXXX7D9		F6	F6		F6	F6	F6	F6	F6					
10/27/2015	XX	LFXXX7IG		F6	F6		F6	F6	F6	F6	F6					
4/5/2016	XX	LFXXX878		F6	F6		F6	F6	F6	F6	F6					
7/26/2016	XX	LFXXX8BI		0.005	60.7		0.28	13.9	0.05 U	4.3	10.2					
10/25/2016	XX	LFXXX8JG		0.005 U	75.7		0.05 U	13.8	0.05 U	4.3	9.9					
4/18/2017	XX	LFXXX983		0.007	47		0.06	12	0.05 U	3.6	9.5					
7/25/2017	XX	LFXXX9E0		0.005 U	57		0.13	14	0.05 U	3.9	11					
10/25/2017	XX	LFXXX9HF		F6	F6		F6	F6	F6	F6	F6					
4/3/2018	XX	LFXXXA3F		F6	F6		F6	F6	F6	F6	F6					
7/17/2018	XX	LFXXXACF	UF	0.005	68		0.06	14	0.05 U	3.6	9.5					
10/2/2018	XX	LFXXXB1D		F6	F6		F6	F6	F6	F6	F6					
4/23/2019	XX	LFXXXB6B		F6	F6		F6	F6	F6	F6	F6					
7/16/2019	XX	LFXXXBD2		F6	F6		F6	F6	F6	F6	F6					
10/29/2019	XX	LFXXXBIE	UF	0.005	51		1.4	9.9	0.16	3.4	8.5					
4/28/2020	XX	LFXXXCE2		F6	F6		F6	F6	F6	F6	F6					
7/21/2020	XX	LFXXXCIF		F6	F6		F6	F6	F6	F6	F6					
10/27/2020	XX	LFXXXD3I		F6	F6		F6	F6	F6	F6	F6					
4/6/2021	XX	LFXXXDD1		H8	H8		H8	H8	H8	H8	H8					
7/13/2021	XX	LFXXXE0D	UF	0.005 U	57		0.15	9.5	0.05 U	4.2	11					
10/5/2021	XX	LFXXXE70	UF	0.005	58		0.05 U	9.9	0.05 U	3.7	9.4					
4/26/2022	XX	LFXXXF1C	UF	0.005 U	57		0.45	9.4	0.05 U	3.7	7.9					
7/19/2022	XX	LFXXXF9B		F6	F6		F6	F6	F6	F6	F6					
10/4/2022	XX	LFXXXFJB	UF	0.005 U	64		0.37	11	0.05 U	4	10					

LF-UD-5and6

4/23/2013	XX	LFXXX5J7		0.009	42.8	0.003 U	0.05	8.4	0.05 U	4	6.7					
7/30/2013	XX	LFXXX65C		0.016	48.5		0.08	9.4	0.05 U	3.4	6.2					

SUMMARY REPORT

Metals Parameters

(LF-UD-5and6)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
10/29/2013	XX	LFXXX681		0.009	56.1		0.05 U	11.4	0.05 U	3.9	7.7					
4/22/2014	XX	LFXXX6G8		0.015	55.5		0.05 U	10.9	0.05 U	3.6	7.6					
7/29/2014	XX	LFXXX70A		0.014	64.7		0.05 U	12	0.05 U	4.2	8.3					
10/21/2014	XX	LFXXX73J		F6	F6		F6	F6	F6	F6	F6					
4/28/2015	XX	LFXXX79I		0.015	55.8		0.05 U	11.2	0.05 U	3.4	8.3					
7/14/2015	XX	LFXXX7DA		I	I		I	I	I	I	I					
10/27/2015	XX	LFXXX7IH		0.01	47.4		0.05 U	10.1	0.05 U	4.2	8					
4/5/2016	XX	LFXXX879		0.016	54.5		0.05 U	10.4	0.05 U	3.3	8.3					
7/26/2016	XX	LFXXX8BJ		0.024	62.3		0.05 U	12.5	0.05 U	3.8	8.8					
10/25/2016	XX	LFXXX8JH		0.005 U	52.6		0.05 U	9.8	0.05 U	2.9	6.9					
4/18/2017	XX	LFXXX984		0.005 U	39		0.09	10	0.05 U	3	8.1					
7/25/2017	XX	LFXXX9E1		0.005 U	55		0.05 U	12	0.05 U	3.5	9.4					
10/25/2017	XX	LFXXX9HG		F6	F6		F6	F6	F6	F6	F6					
4/3/2018	XX	LFXXXA3G	UF	0.007	38		0.05 U	10	0.05 U	2.6	8					
7/17/2018	XX	LFXXXACG	UF	0.005	52		0.05 U	9.7	0.05 U	2.7	7.2					
10/2/2018	XX	LFXXXB1E	UF	0.005 U	54		0.62	12	0.05 U	3.1	9.2					
4/23/2019	XX	LFXXXB6C	UF	0.005 U	42		0.05 U	9.5	0.05 U	2.4	7.5					
7/16/2019	XX	LFXXXBD3	UF	0.005 U	45		0.05 U	10	0.05 U	2.7	8.5					
10/29/2019	XX	LFXXXBIF	UF	0.005 U	40		0.88	9.1	0.05	2.5	7.4					
4/28/2020	XX	LFXXXCE3	UF	0.005 U	43		0.05 U	9.5	0.05 U	2.4	7.7					
7/21/2020	XX	LFXXXCIG	UF	0.005 U	50		0.05 U	11	0.05 U	3.1	9					
10/27/2020	XX	LFXXXD3J		F6	F6		F6	F6	F6	F6	F6					
4/6/2021	XX	LFXXXDD2	UF	0.005 U	40		0.05 U	9.8	0.05 U	2.3	7.5					
7/13/2021	XX	LFXXXE0E	UF	0.005 U	51		0.1	12	0.05 U	2.7	8.4					
10/5/2021	XX	LFXXXE71	UF	0.005 U	48		0.05 U	11	0.05 U	2.4	8.3					
4/26/2022	XX	LFXXXF1D	UF	0.005 U	44		0.36	11	0.05 U	3.3	8.1					
7/19/2022	XX	LFXXXF9C	UF	0.005 U	56		0.05 U	13	0.05 U	2.7	8.8					
10/4/2022	XX	LFXXXFJC	UF	0.005 U	52		0.59	11	0.05 U	2.5	8.2					
LF-UD-6																
4/23/2013	XX	LFUD6X5J9		0.015	62	0.003 U	0.05 U	14.7	0.05 U	3.3	39.7					
7/30/2013	XX	LFUD6X65E		0.023	86.3		0.05 U	24.2	0.05 U	4.3	74.3					
10/29/2013	XX	LFUD6X683		0.019	85.6		0.06	25.4	0.05 U	4.4	73.6					
4/22/2014	XX	LFUD6X6GA		0.019	72.7		0.05 U	21	0.05 U	4.6	57.3					
7/29/2014	XX	LFUD6X70C		0.026	80.5		0.05 U	22.5	0.05 U	4.1	69.1					
10/21/2014	XX	LFUD6X740		0.019	87.9		0.05 U	23.3	0.05 U	4.1	70.9					
4/28/2015	XX	LFUD6X7A0		0.026	76.5		0.05 U	21.5	0.05 U	4	66.4					
7/14/2015	XX	LFUD6X7DC		0.021	87.3		0.05 U	22	0.05 U	4.1	67.6					
10/27/2015	XX	LFUD6X7J		0.017	84.2		0.05 U	23.7	0.05 U	4.4	66.6					
4/5/2016	XX	LFUD6X87B		0.023	79.1		0.05 U	21.8	0.05 U	4.3	64.1					
7/26/2016	XX	LFUD6X8C1		D	D		D	D	D	D	D					
10/25/2016	XX	LFUD6X8JJ		I	I		I	I	I	I	I					
4/18/2017	XX	LFUD6X986		0.005	58		0.23	15	0.05 U	4.8	14					
7/25/2017	XX	LFUD6X9E3		I	I		I	I	I	I	I					
10/25/2017	XX	LFUD6X9HI		0.005	80		0.05	6.8	0.05 U	2.6	1					
4/3/2018	XX	LFUD6XA3I	UF	0.005	48		0.05 U	6.7	0.05 U	2.2	4.6					
7/17/2018	XX	LFUD6XACI	UF	0.005	53		0.05 U	7.1	0.05 U	1.9	1.1					
10/2/2018	XX	LFUD6XB1G	UF	0.005 U	47		0.05 U	6.6	0.05 U	1.9	1.4					
4/23/2019	XX	LFUD6XB6E	UF	0.005	59		0.05 U	7.4	0.05 U	2.4	2					
7/16/2019	XX	LFUD6XBD5	UF	0.005 U	24		0.05 U	3.3	0.05 U	1.7	0.9					

SUMMARY REPORT

Metals Parameters

(LF-UD-6)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
10/29/2019	XX	LFUD6XBIH	UF	0.005 U	24		0.1	2.9	0.68	5.3	0.5					
4/28/2020	XX	LFUD6XCE5	UF	0.005 U	52		0.05 U	6	3.3	5.7	1.9					
7/21/2020	XX	LFUD6XCII		D	D		D	D	D	D	D					
10/27/2020	XX	LFUD6XD41		F6	F6		F6	F6	F6	F6	F6					
4/6/2021	XX	LFUD6XDD4	UF	0.006	160		0.08	14	5.5	20	16					
7/13/2021	XX	LFUD6XE0G		I	I		I	I	I	I	I					
10/5/2021	XX	LFUD6XE72	UF	0.011	38		0.15	5	1.9	5	5.1					
4/26/2022	XX	LFUD6XF1E		F6	F6		F6	F6	F6	F6	F6					
7/19/2022	XX	LFUD6XF9E		F6	F6		F6	F6	F6	F6	F6					
10/4/2022	XX	LFUD6XFJD		F6	F6		F6	F6	F6	F6	F6					

LF-UD-7																
4/23/2013	XX	LFUD7X5JA		F6												
7/30/2013	XX	LFUD7X65F		F6	F6		F6	F6	F6	F6	F6	F6				
10/29/2013	XX	LFUD7X684		F6	F6		F6	F6	F6	F6	F6	F6				
4/22/2014	XX	LFUD7X6GB		F6	F6		F6	F6	F6	F6	F6	F6				
7/29/2014	XX	LFUD7X70D		F6	F6		F6	F6	F6	F6	F6	F6				
10/21/2014	XX	LFUD7X741		F6	F6		F6	F6	F6	F6	F6	F6				
4/28/2015	XX	LFUD7X7A1		F6	F6		F6	F6	F6	F6	F6	F6				
7/14/2015	XX	LFUD7X7DD		F6	F6		F6	F6	F6	F6	F6	F6				
10/27/2015	XX	LFUD7X7J0		F6	F6		F6	F6	F6	F6	F6	F6				
4/5/2016	XX	LFUD7X87C		F6	F6		F6	F6	F6	F6	F6	F6				
7/26/2016	XX	LFUD7X8C2		F6	F6		F6	F6	F6	F6	F6	F6				
10/25/2016	XX	LFUD7X900		F6	F6		F6	F6	F6	F6	F6	F6				
4/18/2017	XX	LFUD7X987		F6	F6		F6	F6	F6	F6	F6	F6				
7/25/2017	XX	LFUD7X9E4		F6	F6		F6	F6	F6	F6	F6	F6				
10/25/2017	XX	LFUD7X9HJ		F6	F6		F6	F6	F6	F6	F6	F6				
4/3/2018	XX	LFUD7XA3J		F6	F6		F6	F6	F6	F6	F6	F6				
7/17/2018	XX	LFUD7XACJ		F6	F6		F6	F6	F6	F6	F6	F6				
10/2/2018	XX	LFUD7XB1H		F6	F6		F6	F6	F6	F6	F6	F6				
4/23/2019	XX	LFUD7XB6F		F6	F6		F6	F6	F6	F6	F6	F6				
7/16/2019	XX	LFUD7XBD6		F6	F6		F6	F6	F6	F6	F6	F6				
10/29/2019	XX	LFUD7XBII		F6	F6		F6	F6	F6	F6	F6	F6				
4/28/2020	XX	LFUD7XCE6		F6	F6		F6	F6	F6	F6	F6	F6				
7/21/2020	XX	LFUD7XCJ		F6	F6		F6	F6	F6	F6	F6	F6				
10/27/2020	XX	LFUD7XD42		F6	F6		F6	F6	F6	F6	F6	F6				
4/6/2021	XX	LFUD7XDD5		H8	H8		H8	H8	H8	H8	H8	H8				
7/13/2021	XX	LFUD7XE0H		F6	F6		F6	F6	F6	F6	F6	F6				
10/5/2021	XX	LFUD7XE73		F6	F6		F6	F6	F6	F6	F6	F6				
4/26/2022	XX	LFUD7XF1F		F6	F6		F6	F6	F6	F6	F6	F6				
7/19/2022	XX	LFUD7XF9F		F6	F6		F6	F6	F6	F6	F6	F6				
10/4/2022	XX	LFUD7XFJE		F6	F6		F6	F6	F6	F6	F6	F6				

LF-UD-8																
4/23/2013	XX	LFUD8X5JD		0.014	39.3	0.003 U	0.05 U	9	0.05 U	3.7	6.9					
7/30/2013	XX	LFUD8X65G		0.013	50.1		0.05 U	10.7	0.05 U	3.7	7.1					
10/29/2013	XX	LFUD8X685		0.009	49.1		0.05 U	11.1	0.05 U	3.7	7.3					
4/22/2014	XX	LFUD8X6GC		F12	F12		F12	F12	F12	F12	F12					
7/29/2014	XX	LFUD8X70E		0.005	14.5		0.85	1.6	0.05 U	1.2	2.4					
10/21/2014	XX	LFUD8X742		0.005 U	9.6		0.44	1.2	0.05 U	1.1	2.1					

SUMMARY REPORT

Metals Parameters

(LF-UD-8)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
4/28/2015	XX	LFUD8X7A2		0.005 U	11		0.75	1.1	0.05 U	1.5	2.9					
7/14/2015	XX	LFUD8X7DE		I	I		I	I	I	I	I					
10/27/2015	XX	LFUD8X7J1		F6	F6		F6	F6	F6	F6	F6					
4/5/2016	XX	LFUD8X87D		F6	F6		F6	F6	F6	F6	F6					
7/26/2016	XX	LFUD8X8C3		F6	F6		F6	F6	F6	F6	F6					
10/25/2016	XX	LFUD8X901		F6	F6		F6	F6	F6	F6	F6					
4/18/2017	XX	LFUD8X988		0.005 U	5.3		0.61	0.8	0.11	1.1	3.7					
7/25/2017	XX	LFUD8X9E5		D	D		D	D	D	D	D					
10/25/2017	XX	LFUD8X9I0		F6	F6		F6	F6	F6	F6	F6					
4/3/2018	XX	LFUD8XA40	UF	0.005 U	8.3		0.48	1.1	0.15	0.8	2.2					
7/17/2018	XX	LFUD8XAD0		D	D		D	D	D	D	D					
10/2/2018	XX	LFUD8XB11		F6	F6		F6	F6	F6	F6	F6					
4/23/2019	XX	LFUD8XB6G	UF	0.005 U	8.7		1.1	1.3	0.1	1.6	3.5					
7/16/2019	XX	LFUD8XBD7	UF	0.005 U	6.4		1.5	1	0.05 U	1.4	2.6					
10/29/2019	XX	LFUD8XB1J	UF	0.005 U	4.8		0.35	0.8	0.05 U	0.9	1.3					
4/28/2020	XX	LFUD8XCE7		F6	F6		F6	F6	F6	F6	F6					
7/21/2020	XX	LFUD8XCJ0		F6	F6		F6	F6	F6	F6	F6					
10/27/2020	XX	LFUD8XD43		F6	F6		F6	F6	F6	F6	F6					
4/6/2021	XX	LFUD8XDD6		F6	F6		F6	F6	F6	F6	F6					
7/13/2021	XX	LFUD8XE0I		F6	F6		F6	F6	F6	F6	F6					
10/5/2021	XX	LFUD8XE74		F6	F6		F6	F6	F6	F6	F6					
4/26/2022	XX	LFUD8XF1G		F6	F6		F6	F6	F6	F6	F6					
7/19/2022	XX	LFUD8XF9G		F6	F6		F6	F6	F6	F6	F6					
10/4/2022	XX	LFUD8XFJF		F6	F6		F6	F6	F6	F6	F6					
LF-UD-9																
4/5/2016	XX	LFUD9X881		F6	F6		F6	F6	F6	F6	F6					
7/26/2016	XX	LFUD9X8CA		F6	F6		F6	F6	F6	F6	F6					
10/25/2016	XX	LFUD9X905		F6	F6		F6	F6	F6	F6	F6					
4/18/2017	XX	LFUD9X98F		0.007	55		1.4	6.8	0.06	4.3	6.5					
10/25/2017	XX	LFUD9X9I4		F6	F6		F6	F6	F6	F6	F6					
4/3/2018	XX	LFUD9XA47		F6	F6		F6	F6	F6	F6	F6					
7/17/2018	XX	LFUD9XAD4		D	D		D	D	D	D	D					
10/2/2018	XX	LFUD9XB22		F6	F6		F6	F6	F6	F6	F6					
4/23/2019	XX	LFUD9XB73		F6	F6		F6	F6	F6	F6	F6					
7/16/2019	XX	LFUD9XBDD		F6	F6		F6	F6	F6	F6	F6					
10/29/2019	XX	LFUD9XB1J3		F6	F6		F6	F6	F6	F6	F6					
4/28/2020	XX	LFUD9XCED		F6	F6		F6	F6	F6	F6	F6					
7/21/2020	XX	LFUD9XCJ6		F6	F6		F6	F6	F6	F6	F6					
10/27/2020	XX	LFUD9XD47		F6	F6		F6	F6	F6	F6	F6					
4/6/2021	XX	LFUD9XDDA		F6	F6		F6	F6	F6	F6	F6					
7/13/2021	XX	LFUD9XE11		F6	F6		F6	F6	F6	F6	F6					
10/5/2021	XX	LFUD9XE78		F6	F6		F6	F6	F6	F6	F6					
4/26/2022	XX	LFUD9XF1J		F6	F6		F6	F6	F6	F6	F6					
7/19/2022	XX	LFUD9XF9J		F6	F6		F6	F6	F6	F6	F6					
10/4/2022	XX	LFUD9XFJ1		F6	F6		F6	F6	F6	F6	F6					
LF-UD-10																
10/25/2017	XX	LFXXXX9ID		F6	F6		F6	F6	F6	F6	F6					
4/3/2018	XX	LFXXXXA48		F6	F6		F6	F6	F6	F6	F6					

SUMMARY REPORT

Metals Parameters

(LF-UD-10)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
7/17/2018	XX	LFU10XAD6		D	D		D	D	D	D	D					
10/3/2018	XX	LFXXXB27		F6	F6		F6	F6	F6	F6	F6					
4/23/2019	XX	LFXXXB74		F6	F6		F6	F6	F6	F6	F6					
7/16/2019	XX	LFXXXBDE		F6	F6		F6	F6	F6	F6	F6					
10/29/2019	XX	LFXXXBJ7		F6	F6		F6	F6	F6	F6	F6					
4/28/2020	XX	LFXXXCEE		F6	F6		F6	F6	F6	F6	F6					
7/21/2020	XX	LFXXXCJ7		F6	F6		F6	F6	F6	F6	F6					
10/27/2020	XX	LFXXXD4B		F6	F6		F6	F6	F6	F6	F6					
4/6/2021	XX	LFXXXDD8		F6	F6		F6	F6	F6	F6	F6					
7/13/2021	XX	LFXXXE12		F6	F6		F6	F6	F6	F6	F6					
10/5/2021	XX	LFXXXE7C		F6	F6		F6	F6	F6	F6	F6					
4/26/2022	XX	LFXXXF23		F6	F6		F6	F6	F6	F6	F6					
7/19/2022	XX	LFXXXFA0		F6	F6		F6	F6	F6	F6	F6					
10/4/2022	XX	LFXXXG02		F6	F6		F6	F6	F6	F6	F6					

LP-UD-1																
4/23/2013	XX	LPUD1X5I8		F6	F6	F6	F6	F6	F6	F6	F6	F6				
7/30/2013	XX	LPUD1X64D		F6	F6		F6	F6	F6	F6	F6	F6				
10/29/2013	XX	LPUD1X676		F6	F6		F6	F6	F6	F6	F6	F6				
4/22/2014	XX	LPUD1X6F9		F6	F6		F6	F6	F6	F6	F6	F6				
7/29/2014	XX	LPUD1X6JG		F6	F6		F6	F6	F6	F6	F6	F6				
10/21/2014	XX	LPUD1X737		F6	F6		F6	F6	F6	F6	F6	F6				
4/28/2015	XX	LPUD1X794		F6	F6		F6	F6	F6	F6	F6	F6				
7/14/2015	XX	LPUD1X7CG		F6	F6		F6	F6	F6	F6	F6	F6				
10/26/2015	XX	LPUD1X7I5		F6	F6		F6	F6	F6	F6	F6	F6				
4/5/2016	XX	LPUD1X86F		F6	F6		F6	F6	F6	F6	F6	F6				
7/26/2016	XX	LPUD1X8B5		F6	F6		F6	F6	F6	F6	F6	F6				
10/25/2016	XX	LPUD1X8J4		F6	F6		F6	F6	F6	F6	F6	F6				
4/18/2017	XX	LPUD1X97A		F6	F6		F6	F6	F6	F6	F6	F6				
7/25/2017	XX	LPUD1X9D8		F6	F6		F6	F6	F6	F6	F6	F6				
10/25/2017	XX	LPUD1X9H3		F6	F6		F6	F6	F6	F6	F6	F6				
4/3/2018	XX	LPUD1XA32		F6	F6		F6	F6	F6	F6	F6	F6				
7/17/2018	XX	LPUD1XAC3		F6	F6		F6	F6	F6	F6	F6	F6				
10/2/2018	XX	LPUD1XB11		F6	F6		F6	F6	F6	F6	F6	F6				
4/23/2019	XX	LPUD1XB5I	UF	0.005 U	32		0.05	8.7	0.05 U	1.7	5.5					
7/16/2019	XX	LPUD1XBCA		F6	F6		F6	F6	F6	F6	F6	F6				
10/29/2019	XX	LPUD1XB13		F6	F6		F6	F6	F6	F6	F6	F6				
4/28/2020	XX	LPUD1XCDA		F6	F6		F6	F6	F6	F6	F6	F6				
7/22/2020	XX	LPUD1XC13		F6	F6		F6	F6	F6	F6	F6	F6				
10/27/2020	XX	LPUD1XD37		F6	F6		F6	F6	F6	F6	F6	F6				
4/6/2021	XX	LPUD1XDC9		F6	F6		F6	F6	F6	F6	F6	F6				
7/13/2021	XX	LPUD1XE01		F6	F6		F6	F6	F6	F6	F6	F6				
10/5/2021	XX	LPUD1XE69		F6	F6		F6	F6	F6	F6	F6	F6				
4/26/2022	XX	LPUD1XF11		F6	F6		F6	F6	F6	F6	F6	F6				
7/19/2022	XX	LPUD1XF8J		F6	F6		F6	F6	F6	F6	F6	F6				
10/4/2022	XX	LPUD1XFJ0		F6	F6		F6	F6	F6	F6	F6	F6				

LP-UD-2																
4/23/2013	XX	LPUD2X5I9		0.011	33.9	0.003 U	0.05 U	10.4	0.05 U	2.3	8					
7/30/2013	XX	LPUD2X64E		0.011	37.1		0.05 U	10.8	0.05 U	2.5	8.1					

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 4 BLANCHARD ROAD
 CUMBERLAND CENTER, ME 04021

(LP-UD-2)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
10/29/2013	XX	LPUD2X677		0.01	36.4		0.05 U	11.4	0.05 U	2.2	7.9					
4/22/2014	XX	LPUD2X6FA		0.011	37.7		0.05 U	11.5	0.05 U	2.3	8					
7/29/2014	XX	LPUD2X6JH		0.015	36.5		0.05 U	10	0.05 U	2.8	8.2					
10/21/2014	XX	LPUD2X738		0.011	40.1		0.05 U	10.5	0.05 U	2.3	8					
4/28/2015	XX	LPUD2X795		0.013	34.4		0.05 U	10	0.05 U	1.8	7					
7/14/2015	XX	LPUD2X7CH		0.01	39.3		0.05 U	9.8	0.05 U	2.4	7.6					
10/27/2015	XX	LPUD2X7I6		0.01	33.4		0.05 U	10.3	0.05 U	2.1	7					
4/5/2016	XX	LPUD2X86G		0.013	33.8		0.05 U	9.3	0.05 U	1.7	6.4					
7/26/2016	XX	LPUD2X8B6		0.024	45.8		0.11	11.3	0.19	3.4	8.2					
10/25/2016	XX	LPUD2X8J5		0.005 U	68.2		2.36	15.9	0.8	3.3	10.4					
4/18/2017	XX	LPUD2X97B		0.005	49		0.05 U	16	0.05 U	2.1	11					
7/25/2017	XX	LPUD2X9D9		0.005 U	37		0.05 U	11	0.05 U	2.4	7.5					
10/25/2017	XX	LPUD2X9H4		0.005 U	38		0.1	10	0.05 U	2.2	7					
4/3/2018	XX	LPUD2XA33	UF	0.005 U	34		0.05 U	11	0.05 U	2	7					
7/17/2018	XX	LPUD2XAC4	UF	0.007	38		0.05 U	9.5	0.05 U	2.1	6.5					
10/2/2018	XX	LPUD2XB12	UF	0.005 U	41		0.05 U	11	0.05 U	2.1	7.3					
4/23/2019	XX	LPUD2XB5J	UF	0.005 U	33		0.05 U	8.8	0.05 U	1.8	5.6					
7/16/2019	XX	LPUD2XBCB	UF	0.005 U	32		0.05 U	9.9	0.05 U	2.3	7.3					
10/29/2019	XX	LPUD2XBIA	UF	0.005 U	34		0.05 U	9.2	0.05 U	2.1	6.3					
4/28/2020	XX	LPUD2XCDB	UF	0.005 U	36		0.05 U	10	0.05 U	1.7	6.1					
7/21/2020	XX	LPUD2XCIA	UF	0.005 U	38		0.17	12	0.05 U	2.8	7.9					
10/27/2020	XX	LPUD2XD38	UF	0.005 U	40		0.61	12	0.05 U	2.1	7.4					
4/6/2021	XX	LPUD2XDCA	UF	0.005 U	38		0.05 U	10	0.05 U	1.7	5.5					
7/13/2021	XX	LPUD2XE02	UF	0.005 U	42		0.1	11	0.05 U	2.2	7					
10/5/2021	XX	LPUD2XE6A	UF	0.005 U	40		0.05 U	10	0.05 U	2.1	6.7					
4/26/2022	XX	LPUD2XF12	UF	0.005 U	40		0.05 U	10	0.05 U	2.3	5.9					
7/19/2022	XX	LPUD2XF90	UF	0.005 U	46		0.18	13	0.05 U	2.4	7.5					
10/4/2022	XX	LPUD2XFJ1	UF	0.005 U	43		0.081	10	0.05 U	2	6.5					
MW-04-09A																
2/26/2020	XX	GWX09AIOA		0.007	19	0.003 U	0.22	6.7	0.14	2.8	19					
2/26/2020	XX	GWX09AC56	UF	0.007	19	0.004	1.4	7	0.18	3.2	20					
4/30/2020	XX	GWX09ACC1	UF	0.008	22	0.003 U	1.1	7.3	0.32	2.8	26					
6/23/2020	XX	GWX09ACGC	UF	0.005	21	0.003 U	0.48	7.5	0.29	3.6	43					
8/20/2020	XX	GWX09AD1J	UF	0.006	22	0.003 U	0.46	7.5	0.29	3.6	53					
7/15/2021	XX	GWXXXXE20	UF	0.005 U	21	0.003	0.25	6.6	0.3	2.9	45	0.05 U				
10/7/2021	XX	GWX09AE86	UF	0.005 U	23	0.003 U	0.72	6.7	0.33	2.6	37	0.05 U				
4/27/2022	XX	GWX09AF2C	UF	0.005 U	24	0.0054	0.2	7	0.2	3	37	0.05 U				
7/20/2022	XX	GWXXXXFAC	UF	0.005 U	24	0.0039	0.07	7.3	0.2	3.3	32	0.05 U				
10/5/2022	XX	GWX09AG0B	UF	0.005 U	23	0.003 U	0.11	6.5	0.26	2.1	30	0.05 U				
MW-04-09B																
2/26/2020	XX	GWX09BC57	UF	0.005 U	11	0.003 U	0.16	4.1	0.05 U	0.9	5					
4/30/2020	XX	GWX09BCC2	UF	0.005 U	8.1	0.003 U	0.28	3.1	0.05 U	0.7	5.6					
6/23/2020	XX	GWX09BCGD	UF	0.005 U	8.1	0.003 U	0.22	3.6	0.05 U	0.9	5.4					
8/20/2020	XX	GWX09BD20	UF	0.005	8.4	0.003 U	0.14	3.6	0.05 U	1	5.3					
7/15/2021	XX	GWXXXXE21	UF	0.005 U	9	0.003 U	0.25	3.6	0.05 U	0.7	4	0.05 U				
10/7/2021	XD	GWDP5XE8E	UF	0.005 U	10	0.003 U	0.09	3.8	0.05 U	0.7	4	0.05 U				
10/7/2021	XX	GWX09BE87	UF	0.005 U	10	0.003 U	0.32	3.7	0.05 U	0.7	4.2	0.05 U				
4/27/2022	XD	GWDP5XF30	UF	0.005 U	9.5	0.003 U	0.09	3.7	0.05 U	1.7	5.1	0.05 U				

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 CUMBERLAND CENTER, ME 04021

(MW-04-09B)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
4/27/2022	XX	GWX09BF2D	UF	0.005 U	9.3	0.003 U	0.07	3.7	0.05 U	1.5	5.1	0.05 U
7/20/2022	XX	GWXXXXFAG	UF	0.005 U	9.5	0.003 U	0.13	3.6	0.05 U	1.3	5	0.05 U
10/5/2022	XD	GWDP5XG0J	UF	0.005 U	9.2	0.0061	0.12	3.7	0.05 U	0.63	4.5	0.05 U
10/5/2022	XX	GWX09BG0C	UF	0.005 U	9.7	0.003 U	0.24	3.8	0.05 U	0.71	4.6	0.05 U

MW04-102												
4/23/2013	XX	GW102X5J0		0.008	24.2	0.003 U	0.05 U	7	0.05 U	1.6	7.1	
7/31/2013	XX	GW102X655		0.017	27.5		0.05 U	7.4	0.05 U	1.5	7	
10/28/2013	XX	GW102X67F		0.013	25.6		0.05 U	7.1	0.05 U	2.1	8.2	
4/23/2014	XX	GW102X6G1		0.01	27.4		0.05 U	6.9	0.05 U	1.5	7.2	
7/30/2014	XX	GW102X704		0.01	27.1		0.05 U	6.9	0.05 U	1.8	7.9	
10/21/2014	XX	GW102X73F		0.012	27		0.05 U	7	0.05 U	1.8	7.5	
4/29/2015	XX	GW102X79C		0.015	26.6		0.05 U	7	0.05 U	1.5	7.2	
7/14/2015	XX	GW102X7D4		0.009	26.5		0.05 U	6.3	0.05 U	1.5	7	
10/28/2015	XX	GW102X7ID		0.006	24.3		0.05 U	6.6	0.05 U	1.7	7	
4/5/2016	XX	GW102X873		0.008	26		0.05 U	6.5	0.05 U	1.4	6.8	
7/26/2016	XX	GW102X8BD		0.013	28.2		0.06	7	0.05 U	1.7	7.3	
10/25/2016	XX	GW102X8JC		0.005	30		0.19	7.2	0.05 U	2.4	8.7	
4/19/2017	XX	GW102X97I		0.006	25		0.05 U	7.1	0.05 U	1.6	6.9	
7/26/2017	XX	GW102X9DG		0.005 U	24		0.05 U	6.4	0.05 U	1.6	7.3	
10/25/2017	XX	GW102X9HB		0.005 U	28		0.12	7.1	0.05 U	1.9	8.4	
4/4/2018	XX	GW102XA3A	UF	0.005 U	25		0.11	7.1	0.05 U	1.4	7.5	
7/18/2018	XX	GW102XACB	UF	0.005 U	28		0.09	7	0.05 U	1.7	7.9	
10/3/2018	XX	GW102XB19	UF	0.005 U	27		0.05 U	6.9	0.05 U	1.7	7	
4/24/2019	XX	GW102XB66	UF	0.005	26		0.14	7.1	0.05 U	1.5	7.1	
7/17/2019	XX	GW102XBCH	UF	0.005 U	24		0.05 U	7.1	0.05 U	1.7	7.9	
10/28/2019	XX	GW102XBIA	UF	0.005	24		0.05 U	6.6	0.05 U	1.6	6.9	
4/27/2020	XX	GW102XCDH	UF	0.005 U	28		0.05 U	7.5	0.05 U	1.5	7.2	
7/20/2020	XX	GW102XCIA	UF	0.005 U	25		0.06	6.9	0.05 U	2	8	
10/26/2020	XX	GW102XD3E	UF	0.005 U	26		0.05 U	6.9	0.05 U	1.4	8	
4/5/2021	XX	GW102XDCG	UF	0.005 U	27		0.05 U	7.3	0.05 U	1.4	7.2	
7/12/2021	XX	GW102XE08	UF	0.005	26		0.05 U	6.4	0.05 U	1.4	6.3	
10/4/2021	XX	GW102XE6G	UF	0.005	27		0.05 U	6.8	0.05 U	1.6	6.7	
4/25/2022	XX	GW102XF18	UF	0.005 U	30		0.05 U	7.6	0.05 U	2.4	8.4	
7/18/2022	XX	GW102XF96	UF	0.005 U	27		0.06	7.2	0.05 U	1.6	7.2	
10/3/2022	XX	GW102XFJ7	UF	0.005 U	29		0.059	7.1	0.05 U	1.7	6.9	

MW04-105												
4/24/2013	XX	GW105X5J1		0.012	25.9	0.003 U	0.05 U	9.1	0.05 U	1.3	8.4	
4/24/2013	XD	GWDP3X5HJ		0.01	25.8	0.003 U	0.05 U	9.1	0.05 U	1.3	8.6	

MW04-109R												
4/23/2013	XX	GW109X5J2		0.017	54.1	0.003 U	0.05 U	9.7	0.05 U	2	9	
7/30/2013	XX	GW109X657		0.016	62.5		0.05 U	10.8	0.1	1.8	8.2	
10/29/2013	XX	GW109X67G		0.015	58.5		0.05 U	10.9	0.15	1.9	8.4	
4/22/2014	XX	GW109X6G3		0.019	60.1		0.05 U	9.9	0.13	2	7.5	
7/29/2014	XX	GW109X705		0.018	62.1		0.05 U	10.5	0.31	1.9	7.7	
10/21/2014	XX	GW109X73G		0.014	62.8		0.05 U	10.4	0.35	2	7.2	
4/28/2015	XX	GW109X79D		0.019	63.4		0.05 U	10.4	0.33	1.8	6.9	
7/14/2015	XX	GW109X7D5		0.015	57.3		0.05 U	9.4	0.5	1.7	6.5	
10/27/2015	XX	GW109X7IE		0.017	54		0.05 U	10.8	0.64	2	7.3	

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(MW04-109R)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
4/5/2016	XX	GW109X874		0.024	61.2		0.05 U	9.5	0.58	1.7	6.1					
7/26/2016	XX	GW109X8BE		0.031	62.9		0.05 U	11.1	0.85	1.9	7.3					
10/25/2016	XX	GW109X8JD		0.005	65.9		0.05 U	11.1	0.98	2.3	7.8					
4/18/2017	XX	GW109X97J		0.005 U	62		0.05 U	12	0.78	2	6.9					
7/25/2017	XX	GW109X9DH		0.005 U	68		0.05 U	12	1.4	2.1	6.9					
10/24/2017	XX	GW109X9HC		0.006	69		0.05 U	12	1.4	2	7.1					
4/3/2018	XX	GW109XA3B	UF	0.005 U	67		0.05 U	13	0.48	2.2	7.8					
7/17/2018	XX	GW109XACC	UF	0.005	67		0.05 U	12	1.1	1.8	6.4					
10/2/2018	XX	GW109XB1A	UF	0.005 U	67		0.05 U	12	1.3	2.1	7.5					
4/23/2019	XX	GW109XB67	UF	0.005 U	64		0.05 U	13	0.53	1.9	6.8					
7/16/2019	XX	GW109XBC1	UF	0.005 U	65		0.05 U	13	1.2	1.9	7.4					
10/29/2019	XX	GW109XBIB	UF	0.005 U	60		0.05 U	12	1.3	2.3	7.5					
4/28/2020	XX	GW109XCDI	UF	0.005 U	59		0.05 U	12	0.37	1.8	6.5					
7/21/2020	XX	GW109XCIB	UF	0.005 U	58		0.05 U	13	0.96	2.3	7.6					
10/27/2020	XX	GW109XD3F	UF	0.005 U	53		0.05 U	11	1.3	1.7	7					
4/6/2021	XX	GW109XDCH	UF	0.005 U	57		0.05 U	12	0.26	1.8	6.1					
7/13/2021	XX	GW109XE09	UF	0.005 U	57		0.05 U	12	0.97	2.4	8					
10/5/2021	XX	GW109XE6H	UF	0.007	59		0.05 U	12	1.4	1.8	6.7					
4/26/2022	XX	GW109XF19	UF	0.005 U	57		0.05 U	11	0.17	2.6	6.6					
7/19/2022	XD	GWDP7XFB1	UF	0.005 U	54		0.05 U	12	0.95	1.6	6					
7/19/2022	XX	GW109XF97	UF	0.005 U	56		0.05	13	0.83	1.8	6.4					
10/4/2022	XX	GW109XFJ8	UF	0.005 U	58		0.05 U	11	1.1	1.9	6.6					
MW06-01																
4/10/2018	XD	GWDP1XA68	UF	0.005 U	8.7	0.003 U	0.05 U	2.5	0.05 U	0.4	2.7					
4/10/2018	XX	GWXXXXA70	UF	0.005 U	8.6	0.003 U	0.05 U	2.4	0.05 U	0.4	2.7					
6/4/2018	XX	GWXXXXA7H	UF	0.005 U	11	0.003 U	0.05 U	3	0.05 U	0.4	2.9					
7/18/2018	XX	GWXXXXAEF	UF	0.005 U	10		0.05 U	2.6	0.05 U	0.4	2.8					
8/20/2018	XD	GWDP1XAF4	UF	0.005 U	9.2		0.05 U	2.4	0.05 U	0.4	2.6					
8/20/2018	XX	GWXXXXAFG	UF	0.005 U	9		0.05 U	2.5	0.05 U	0.4	2.5					
4/24/2019	XX	GWXXXXB7D	UF	0.005 U	8.4		0.66	2.6	0.05 U	0.6	2.7					
7/18/2019	XX	GWXXXXBE1	UF	0.005 U	9		0.05 U	3.2	0.05 U	0.6	3.4					
10/30/2019	XX	GWXXXXBJ8	UF	0.005 U	8.5		0.05 U	2.5	0.05 U	0.5	2.7					
4/29/2020	XX	GWXXXXCF1	UF	0.005 U	9.5		0.05 U	2.7	0.05 U	0.6	2.9					
7/22/2020	XX	GWXXXXCJE	UF	0.005 U	8.9		0.05 U	2.9	0.05 U	0.9	3.5					
10/28/2020	XX	GWXXXXD4C	UF	0.005 U	9.3		0.05 U	2.9	0.05 U	0.5	3.4					
4/7/2021	XX	GWXXXXDDI	UF	0.005 U	12		0.05 U	3.5	0.05 U	0.5	3.2	0.05 U				
7/14/2021	XX	GWXXXXE19	UF	0.005 U	12		0.05	3.3	0.05 U	0.4	2.9					
10/6/2021	XX	GWXXXXE7D	UF	0.005 U	13		0.05 U	3.6	0.05 U	0.5	3.3					
4/27/2022	XX	GWXXXXF24	UF	0.005 U	23		0.05 U	6.2	0.05 U	1.7	5.9					
7/20/2022	XX	GWXXXXFA7	UF	0.005 U	21	0.003 U	0.05 U	6.4	0.05 U	0.98	4.8	0.05 U				
10/5/2022	XX	GWXXXXG03	UF	0.005 U	21	0.003 U	0.05 U	5.6	0.05 U	0.61	4	0.05 U				
MW-08-01																
2/9/2021	XX	GWXXXXDA0	UF	0.005	11	0.003 U	0.32	2.9	0.05 U	1.1	31	0.05 U				
4/7/2021	XX	GWXXXXDAJ	UF	0.005 U	13	0.003 U	0.05 U	2.9	0.05 U	1.3	35	0.05 U				
6/9/2021	XX	GWXXXXDH2	UF	0.005	13	0.003 U	0.05	3.2	0.05 U	1.3	26	0.05 U				
8/19/2021	XX	GWXXXXE4G	UF	0.005 U	13	0.003 U	0.05 U	2.8	0.05 U	1.3	27	0.05 U				
10/4/2021	XX	GWXXXXE9B	UF	0.005 U	14	0.003 U	0.05 U	3.1	0.05 U	1.3	26	0.05 U				
4/27/2022	XX	GWXXXXF3G	UF	0.005 U	18	0.003 U	0.4	3.4	0.05 U	2.7	32	0.05 U				

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(MW-08-01)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
7/21/2022	XX	GWXXXXFBD	UF	0.005 U	19	0.005	0.4	4.1	0.05 U	2.6	20	0.05 U				
10/5/2022	XX	GWXXXXG1F	UF	0.005 U	23	0.003 U	0.18	4.5	0.05 U	1.5	18	0.05 U				
MW09-901																
4/23/2013	XX	GW901X5I0		0.009	19.1	0.003	0.05 U	5.4	0.05 U	1.7	5.1					
7/30/2013	XX	GW901X645		0.01	21.8		0.05 U	5.9	0.05 U	1.5	4.9					
10/29/2013	XX	GW901X66I		0.009	22.5		0.05 U	6.1	0.05 U	1.7	5.9					
4/22/2014	XX	GW901X6F1		0.008	21.8		0.05 U	6.2	0.05 U	1.8	5.6					
7/29/2014	XX	GW901X6J8		0.012	28.5		0.05 U	7.7	0.05 U	2.1	7.7					
10/21/2014	XX	GW901X72J		0.009	33.4		0.05 U	8.9	0.05 U	2.3	13.1					
4/28/2015	XX	GW901X78G		0.012	33.5		0.05 U	9.3	0.05 U	2.1	12.1					
7/14/2015	XX	GW901X7C8		0.011	33.2		0.05 U	9.1	0.05 U	2.2	10.6					
10/27/2015	XX	GW901X7HH		0.011	32.1		0.05 U	10.7	0.05 U	2.5	12.7					
4/5/2016	XD	GWDP1X85F		0.016	36.4		0.05 U	9.6	0.05 U	2.1	11					
4/5/2016	XX	GW901X867		0.015	36.6		0.05 U	10	0.05 U	2.1	11.3					
7/26/2016	XD	GWDP1X8A5		0.02	41		0.05 U	11.8	0.05 U	2.5	12.4					
7/26/2016	XX	GW901X8AH		0.019	41.5		0.05 U	11.6	0.05 U	2.5	11.9					
10/25/2016	XX	GW901X8IG		0.005	46.2		0.05 U	11.5	0.05 U	2.6	14.4					
4/18/2017	XD	GWDP1X96A		0.005 U	38		0.05 U	12	0.05 U	2.2	10					
4/18/2017	XX	GW901X972		0.006	39		0.05 U	13	0.05 U	2.6	12					
7/25/2017	XD	GWDP1X9C8		0.005 U	50		0.05 U	14	0.05 U	2.6	11					
7/25/2017	XX	GW901X9D0		0.005 U	50		0.05 U	14	0.05 U	2.6	11					
10/24/2017	XX	GW901X9GF		0.005 U	53		0.05 U	14	0.05 U	2.3	11					
4/3/2018	XD	GWDP1XA21	UF	0.005 U	51		0.05 U	16	0.05 U	2.5	12					
4/3/2018	XX	GW901XA2E	UF	0.005 U	50		0.05	13	0.05 U	2.3	10					
7/17/2018	XD	GWDP1XAB3	UF	0.005 U	51		0.05 U	12	0.05 U	2	8.2					
7/17/2018	XX	GW901XABF	UF	0.005 U	56		0.05 U	13	0.05 U	2.2	8.7					
10/2/2018	XX	GW901XB0D	UF	0.005 U	58		0.05 U	14	0.05 U	2.3	11					
4/23/2019	XD	GWDP1XB4H	UF	0.005 U	49		0.05 U	12	0.05 U	1.8	9.8					
4/23/2019	XX	GW901XB5A	UF	0.005 U	49		0.05 U	12	0.05 U	1.8	9.8					
7/16/2019	XD	GWDP1XBBA	UF	0.005 U	49		0.05 U	13	0.05 U	1.9	11					
7/16/2019	XX	GW901XBC2	UF	0.005 U	51		0.05 U	13	0.05 U	1.8	11					
10/29/2019	XX	GW901XBHF	UF	0.005 U	44		0.05 U	11	0.05 U	1.9	10					
4/28/2020	XD	GWDP1XCCA	UF	0.005 U	46		0.05 U	12	0.05 U	1.7	8.8					
4/28/2020	XX	GW901XCD2	UF	0.005 U	46		0.05 U	12	0.05 U	1.7	8.9					
7/21/2020	XD	GWDP1XCH3	UF	0.005 U	42		0.05 U	12	0.05 U	2.9	9.9					
7/21/2020	XX	GW901XCHF	UF	0.005 U	45		0.05 U	13	0.05 U	2	9.9					
10/27/2020	XX	GW901XD2J	UF	0.005 U	43		0.05 U	12	0.12	1.6	10					
4/6/2021	XD	GWDP1XDB9	UF	0.005 U	48		0.05 U	14	0.05 U	1.8	8.7					
4/6/2021	XX	GW901XDC1	UF	0.005 U	47		0.05 U	13	0.05 U	1.6	8.3					
7/13/2021	XD	GWDP1XDJ1	UF	0.005	41		0.05 U	12	0.05 U	1.5	8.3					
7/13/2021	XX	GW901XDJD	UF	0.005 U	42		0.05 U	12	0.05 U	1.6	8.6					
10/5/2021	XX	GW901XE61	UF	0.005 U	43		0.05 U	12	0.07	1.5	8.4					
4/26/2022	XX	GW901XF0D	UF	0.005 U	53		0.05 U	16	0.05 U	2.1	8.9					
7/19/2022	XD	GWDP1XF7J	UF	0.005 U	47		0.05 U	14	0.05	1.6	8.6					
7/19/2022	XX	GW901XF8B	UF	0.005 U	47		0.05 U	14	0.06	1.6	8.7					
10/4/2022	XX	GW901XFIC	UF	0.005 U	39		0.05 U	11	0.05 U	1.4	7.8					
MW-204																
4/24/2013	XX	GW204X5ID		0.008	19.6	0.003 U	0.05 U	6	0.05 U	0.9	6.8					

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Metals Parameters

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

(MW-206)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
MW-206																
4/22/2013	XX	GW206X5H2		0.008	14.5	0.003 U	0.05 U	4.8	0.05 U	0.8	5.1					
7/29/2013	XX	GW206X637		0.008	15.7		0.05 U	4.7	0.05 U	0.6	4.1					
7/29/2013	XD	GWDP4X64A		0.008	15.4		0.05 U	4.7	0.05 U	0.6	4.3					
10/28/2013	XX	GW206X660		0.013	16		0.05 U	4.9	0.05 U	0.9	5.2					
4/21/2014	XX	GW206X6E3		0.007	16.3		0.08	4.8	0.05 U	0.8	4.8					
7/28/2014	XX	GW206X6IB		0.01	16.2		0.05 U	4.5	0.05 U	0.7	4.7					
7/28/2014	XD	GWDP1X6IG		0.009	16.1		0.05 U	4.5	0.05 U	0.7	4.6					
10/20/2014	XX	GW206X721		0.014	16.3		0.05 U	4.3	0.05 U	0.7	4.3					
4/27/2015	XX	GW206X77J		0.01	16.2		0.19	4.6	0.05 U	0.7	4.4					
7/13/2015	XX	GW206X7BB		0.012	17.5		0.05 U	4.8	0.05 U	0.7	4.7					
7/13/2015	XD	GWDP3X7C7		0.016	15.7		0.05 U	4.3	0.05 U	0.6	4.2					
10/26/2015	XX	GW206X7H0		0.016	14.9		0.05 U	4.7	0.05 U	0.7	4.7					
4/4/2016	XX	GW206X85A		0.005	15.9		0.05 U	4.5	0.05 U	0.7	4.2					
7/25/2016	XD	GWDP4X8B2		0.021	17.3		0.05 U	4.8	0.05 U	0.7	4.3					
7/25/2016	XX	GW206X8A0		0.022	16.9		0.05 U	4.7	0.05 U	0.7	4.3					
10/24/2016	XX	GW206X8HJ		0.008	17.5		0.05 U	5	0.05 U	0.9	4.8					
4/17/2017	XX	GW206X965		0.01	17		0.05	5.2	0.05 U	0.8	5					
7/24/2017	XD	GWDP4X9D5		0.008	16		0.05 U	4.8	0.05 U	0.5	4.3					
7/24/2017	XX	GW206X9C3		0.005 U	16		0.05 U	4.8	0.05 U	0.6	4.4					
10/23/2017	XX	GW206X9F1		0.007	17		0.05	5.1	0.05 U	0.8	4.8					
4/2/2018	XX	GW206XA1G	UF	0.008	19		0.3	5.9	0.05 U	0.9	5.5					
7/16/2018	XD	GWDP4XAC0	UF	0.008	17		0.05 U	4.9	0.05 U	0.8	4.5					
7/16/2018	XX	GW206XAAI	UF	0.007	17		0.09	4.8	0.05 U	0.7	4.5					
10/1/2018	XX	GW206XAJG	UF	0.007	18		0.05	5.3	0.05 U	0.7	4.8					
4/22/2019	XX	GW206XB4C	UF	0.005	18		0.25	5.3	0.05 U	0.7	4.6					
7/17/2019	XX	GW206XBB5	UF	0.006	16		0.05 U	5.4	0.05 U	0.8	5.2					
10/28/2019	XX	GW206XBGJ	UF	0.006	16		0.05	4.8	0.05 U	0.8	4.5					
4/27/2020	XX	GW206XCC5	UF	0.006	18		0.09	5.2	0.05 U	0.7	4.6					
7/20/2020	XX	GW206XCGI	UF	0.005	16		0.05 U	4.9	0.05 U	0.8	4.7					
10/26/2020	XX	GW206XD23	UF	0.005	16		0.2	4.8	0.05 U	0.4	4.3					
4/5/2021	XX	GW206XDB4	UF	0.006	18		0.05 U	5.3	0.05 U	0.7	4.6					
7/14/2021	XX	GW206XDIG	UF	0.005 U	16	0.003 U	0.05 U	4.6	0.05 U	0.5	4	0.05 U				
10/4/2021	XX	GWXXXXE8D	UF	0.009	18	0.003 U	0.05 U	4.9	0.05 U	0.8	4.5	0.05 U				
4/25/2022	XX	GWXXXXF2J	UF	0.005 U	20	0.003 U	0.05 U	5.6	0.05 U	2.3	5.9	0.05 U				
7/18/2022	XX	GW206XF7E	UF	0.0055	18	0.003 U	0.05 U	5.3	0.05 U	0.81	4.5	0.05 U				
10/3/2022	XX	GWXXXXG0I	UF	0.005 U	18	0.0063	0.05 U	5	0.05 U	0.78	4.6	0.05 U				
MW-223A																
4/23/2013	XX	GW223A5H5		0.012	68.1	0.003 U	0.05 U	8	0.05 U	0.9	4.7					
4/23/2013	XD	GWDP1X5H8		0.011	65.3	0.003 U	0.05 U	7.8	0.05 U	0.8	4.4					
7/30/2013	XX	GW223A63A		0.01	73.8		0.05 U	7.7	0.05 U	0.7	4					
10/29/2013	XX	GW223A663		0.013	74.1		0.05 U	9.1	0.05 U	0.8	4.7					
10/29/2013	XD	GWDP3X66H		0.012	67.5		0.05 U	8.2	0.05 U	0.8	4.4					
4/22/2014	XX	GW223A6E6		0.014	78.7		0.05 U	8.5	0.05 U	0.8	4.5					
4/22/2014	XD	GWDP1X6E9		0.015	80.3		0.05 U	8.7	0.05 U	0.8	4.7					
7/29/2014	XX	GW223A6ID		0.016	77.2		0.05 U	8	0.05 U	0.8	4.5					
10/21/2014	XX	GW223A723		0.007	73.2		0.05 U	7.8	0.05 U	0.8	4.5					
10/21/2014	XD	GWDP3X72I		0.009	73.6		0.05 U	7.5	0.05 U	0.8	4.3					

SUMMARY REPORT
Metals Parameters

(MW-223A)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID										
4/28/2015	XX	GW223A781		0.012	75.4		0.05 U	8.2	0.05 U	0.8	4.6	
4/28/2015	XD	GWDP1X784		0.013	75.4		0.05 U	8.1	0.05 U	0.8	4.6	
7/14/2015	XX	GW223A7BD		0.015	76		0.05 U	7.5	0.05 U	0.8	4.3	
10/27/2015	XX	GW223A7H2		0.01	71.3		0.05 U	8.3	0.05 U	0.8	4.7	
4/27/2016	XX	GW223A85C		0.034	85.6		0.05 U	8.9	0.05 U	0.8	4.8	
7/26/2016	XX	GW223A8A2		0.021	83.9		0.05 U	9.1	0.05 U	0.9	4.9	
10/25/2016	XX	GW223A8I1		0.006	89.3		0.05 U	9	0.05 U	0.9	5.1	
4/18/2017	XX	GW223A967		0.005	78		0.05 U	9.6	0.05 U	0.9	5.1	
7/25/2017	XX	GW223A9C5		0.005 U	93		0.05 U	10	0.05 U	0.9	5.6	
10/24/2017	XX	GW223A9G0		0.005	93		0.05 U	10	0.05 U	0.9	5.5	
4/3/2018	XX	GW223AA11	UF	0.005 U	86		0.05 U	11	0.05 U	1	5.9	
7/17/2018	XX	GW223AA10	UF	0.006	91		0.05 U	8.9	0.05 U	0.7	4.3	
10/2/2018	XX	GW223AAJ1	UF	0.005 U	98		0.05 U	11	0.05 U	0.9	6	
4/23/2019	XX	GW223AB4E	UF	0.005 U	91		0.05 U	10	0.05 U	0.9	5.4	
7/16/2019	XX	GW223ABB7	UF	0.005 U	89		0.05 U	10	0.05 U	1	6	
10/29/2019	XX	GW223ABH0	UF	0.005 U	92		0.05 U	10	0.05 U	1	5.4	
4/28/2020	XX	GW223ACC7	UF	0.005 U	100		0.05 U	11	0.05	1	5.6	
7/21/2020	XX	GW223ACH0	UF	0.005 U	94		0.05 U	11	0.05 U	1.2	6.2	
10/27/2020	XX	GW223AD24	UF	0.005 U	100		0.05 U	11	0.05 U	0.9	6.2	
4/6/2021	XX	GW223ADB6	UF	0.005 U	100		0.05 U	11	0.05 U	0.9	5.5	
7/13/2021	XX	GW223ADII	UF	0.005 U	99		0.05 U	11	0.05 U	1	5.7	
10/5/2021	XX	GW223AE56	UF	0.005 U	110		0.05 U	11	0.05 U	1	6.2	
4/26/2022	XX	GW223AEJ1	UF	0.005 U	110		0.05 U	12	0.05 U	1.9	6.6	
7/19/2022	XX	GW223AF7G	UF	0.005 U	110		0.05 U	12	0.05 U	0.94	5.8	
10/4/2022	XX	GW223AFHH	UF	0.005 U	120		0.05 U	12	0.05 U	0.99	5.9	

MW-223B												
4/23/2013	XX	GW223B5IE		0.009	41.3	0.003 U	0.06	11.1	0.05 U	0.7	4.7	
7/30/2013	XX	GW223B64J		0.008	46.2		0.12	11.3	0.05 U	0.7	4.3	
10/29/2013	XX	GW223B67C		0.008	44.3		0.09	11.5	0.05 U	0.8	4.9	
4/22/2014	XX	GW223B6FF		0.011	51.2		0.24	12.3	0.05 U	0.8	4.8	
7/29/2014	XX	GW223B700		0.014	50.6		0.05 U	11.9	0.05 U	0.8	4.9	
10/21/2014	XX	GW223B73C		0.005 U	49.2		0.06	11	0.05 U	0.8	4.9	
4/28/2015	XX	GW223B798		0.012	49.9		0.05	12	0.05 U	0.7	5	
7/14/2015	XX	GW223B7D0		0.012	50		0.05	11.7	0.05 U	0.8	4.9	
10/27/2015	XX	GW223B7I9		0.009	46.1		0.05 U	12.2	0.05 U	0.8	4.9	
4/5/2016	XX	GW223B86J		0.014	52.5		0.51	11.7	0.05 U	0.7	4.8	
7/26/2016	XX	GW223B8B9		0.017	57.2		0.08	13.5	0.05 U	0.8	5.1	
10/25/2016	XX	GW223B8J8		0.005 U	61.7		0.05 U	13.5	0.05 U	0.9	5.3	
4/18/2017	XX	GW223B97E		0.005 U	52		0.05	14	0.05 U	0.8	5.3	
7/25/2017	XX	GW223B9DC		0.005 U	60		0.05 U	15	0.05 U	0.8	5.6	
10/24/2017	XX	GW223B9H7		0.005 U	66		0.05 U	15	0.05 U	0.8	5.6	
4/3/2018	XX	GW223BA36	UF	0.007	56		0.05 U	15	0.05 U	0.8	5.4	
7/17/2018	XX	GW223BAC7	UF	0.005	65		0.05 U	14	0.05 U	0.7	4.7	
10/2/2018	XX	GW223BB15	UF	0.005 U	68		0.05 U	16	0.05 U	0.9	6	
4/23/2019	XX	GW223BB62	UF	0.005 U	66		0.05	17	0.05 U	0.8	5.8	
7/16/2019	XX	GW223BBCD	UF	0.005 U	68		0.05 U	17	0.05 U	1.1	6.4	
10/29/2019	XX	GW223BBI6	UF	0.005 U	64		0.05 U	16	0.05 U	0.9	5.5	
4/28/2020	XX	GW223BCDD	UF	0.005 U	65		0.05	15	0.05 U	0.8	5	
7/21/2020	XX	GW223BCI6	UF	0.005 U	64		0.06	17	0.05 U	0.9	6.1	

SUMMARY REPORT

Metals Parameters

(MW-223B)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
10/27/2020	XX	GW223BD3A	UF	0.005 U	67		0.15	17	0.05 U	0.9	6.1					
4/6/2021	XX	GW223BDCC	UF	0.005 U	67		0.05	16	0.05 U	0.8	5.2					
7/13/2021	XX	GW223BE04	UF	0.005	71		0.09	16	0.05 U	0.9	5.7					
10/5/2021	XX	GW223BE6C	UF	0.005 U	71		0.19	16	0.05 U	1	5.7					
4/26/2022	XX	GW223BF14	UF	0.005 U	75		0.11	17	0.05 U	1.6	6.3					
7/19/2022	XX	GW223BF92	UF	0.005 U	72		0.13	18	0.05 U	0.83	5.4					
10/4/2022	XX	GW223BFJ3	UF	0.005 U	80		0.05 U	18	0.05 U	0.98	5.8					
MW-227																
4/23/2013	XX	GW227X5H6		0.018	22.1	0.003 U	0.05 U	5.5	0.05 U	1.1	5.4					
7/30/2013	XX	GW227X63B		0.017	22.8		0.05 U	5.5	0.05 U	0.8	4.7					
7/30/2013	XD	GWDP3X644		0.016	23		0.05 U	5.3	0.05 U	0.8	4.8					
10/29/2013	XX	GW227X664		0.017	21		0.05 U	5.5	0.05 U	1	5.5					
4/22/2014	XX	GW227X6E7		0.017	24.1		0.05 U	5.8	0.05 U	1.2	5.6					
4/22/2014	XD	GWDP3X6F0		0.018	23.4		0.05 U	5.8	0.05 U	1.1	5.5					
7/29/2014	XX	GW227X6IE		0.019	23.4		0.05 U	5.4	0.05 U	1	5					
7/29/2014	XD	GWDP3X6J7		0.019	22.3		0.05 U	5.3	0.05 U	1	5.2					
10/21/2014	XX	GW227X724		0.021	22.7		0.05 U	5.2	0.05 U	1.1	5.4					
4/28/2015	XX	GW227X782		0.021	23.2		0.05 U	5.4	0.05 U	1	5.4					
4/28/2015	XD	GWDP3X78F		0.018	22.5		0.05 U	5.4	0.05 U	1	5.2					
7/14/2015	XX	GW227X7BE		0.015	23.4		0.05 U	5.1	0.05 U	1	5.1					
7/14/2015	XD	GWDP1X7BG		0.016	20.9		0.05 U	4.8	0.05 U	1	5					
10/27/2015	XX	GW227X7H3		0.015	19.8		0.05 U	5.1	0.05 U	1	5.1					
10/27/2015	XD	GWDP1X7H5		0.017	18		0.05 U	5.1	0.05 U	1	5					
4/5/2016	XD	GWDP3X866		0.013	22.1		0.05 U	4.8	0.05 U	0.9	4.8					
4/5/2016	XX	GW227X85D		0.016	21.8		0.05 U	4.9	0.05 U	0.9	4.9					
7/26/2016	XD	GWDP3X8AG		0.023	22.9		0.08	5.6	0.05 U	1.1	5.4					
7/26/2016	XX	GW227X8A3		0.024	23		0.09	5.5	0.05 U	1.1	5.2					
10/25/2016	XD	GWDP3X8IF		0.012	26.4		0.1	5.5	0.05 U	1.2	5.3					
10/25/2016	XX	GW227X8I2		0.012	26		0.1	5.4	0.05 U	1.2	5.4					
4/18/2017	XD	GWDP3X971		0.016	22		0.11	6	0.05 U	1.2	5.8					
4/18/2017	XX	GW227X968		0.017	20		0.11	5.8	0.05 U	1.1	5.3					
7/25/2017	XD	GWDP3X9CJ		0.014	22		0.05 U	5.5	0.05 U	1	5.1					
7/25/2017	XX	GW227X9C6		0.011	23		0.08	5.7	0.05 U	1	5.3					
10/24/2017	XD	GWDP3X9GE		0.02	25		0.05 U	5.7	0.05 U	1	5.4					
10/24/2017	XX	GW227X9G1		0.019	24		0.05 U	5.5	0.05 U	1	5.2					
4/3/2018	XD	GWDP3XA2D	UF	0.013	21		0.05	5.6	0.05 U	1.1	5.5					
4/3/2018	XX	GW227XA1J	UF	0.013	21		0.05 U	5.7	0.05 U	1.1	5.7					
7/17/2018	XD	GWDP3XABE	UF	0.016	24		0.05 U	5.1	0.05 U	0.9	4.5					
7/17/2018	XX	GW227XAB1	UF	0.014	24		0.05 U	5	0.05 U	0.9	4.7					
10/2/2018	XD	GWDP3XB0C	UF	0.013	26		0.05 U	6.2	0.16	1.1	5.8					
10/2/2018	XX	GW227XAJJ	UF	0.014	26		0.05 U	6	0.15	1.1	5.9					
4/23/2019	XD	GWDP3XB59	UF	0.013	25		0.05	6.1	0.05 U	1.1	5.4					
4/23/2019	XX	GW227XB4F	UF	0.015	26		0.08	6	0.05 U	1.1	5.4					
7/16/2019	XD	GWDP3XBC1	UF	0.015	22		0.08	5.7	0.05 U	1.1	5.5					
7/16/2019	XX	GW227XBB8	UF	0.015	21		0.05	5.3	0.05 U	1	5.4					
10/29/2019	XD	GWDP3XBHE	UF	0.012	21		0.13	5.3	0.05 U	1.2	5.1					
10/29/2019	XX	GW227XBH1	UF	0.013	22		0.05 U	5.4	0.05 U	1.2	5.4					
4/28/2020	XD	GWDP3XCD1	UF	0.011	24		0.06	5.9	0.05 U	1.1	5.3					
4/28/2020	XX	GW227XCC8	UF	0.016	23		0.05	5.4	0.05 U	1	4.8					

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Metals Parameters

(MW-227)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
7/21/2020	XD	GWDP3XCHE	UF	0.011	23		0.05	5.8	0.05 U	2.1	5.7					
7/21/2020	XX	GW227XCH1	UF	0.013	21		0.05 U	5.8	0.05 U	1.5	5.9					
10/27/2020	XD	GWDP3XD2I	UF	0.012	23		0.05 U	5.7	0.05 U	1.1	5.5					
10/27/2020	XX	GW227XD25	UF	0.012	22		0.05 U	5.7	0.05 U	1	5.6					
4/6/2021	XD	GWDP3XDC0	UF	0.012	23		0.07	5.4	0.05 U	1	4.7					
4/6/2021	XX	GW227XDB7	UF	0.013	24		0.07	5.5	0.05 U	1	4.8					
7/13/2021	XD	GWDP3XDJC	UF	0.013	22		0.24	5	0.05 U	1	4.7					
7/13/2021	XX	GW227XDJ1	UF	0.012	23		0.19	5.3	0.05 U	1.1	5.1					
10/5/2021	XD	GWDP3XE60	UF	0.019	24		0.38	5.6	0.05 U	1.2	5.4					
10/5/2021	XX	GW227XE57	UF	0.015	24		0.13	5.4	0.05 U	1.1	5.3					
4/26/2022	XD	GWDP3XF0C	UF	0.011	25		0.05 U	5.6	0.05 U	2.2	6					
4/26/2022	XX	GW227XEJJ	UF	0.0097	26		0.05 U	5.9	0.05 U	1.9	5.9					
7/19/2022	XD	GWDP3XF8A	UF	0.011	24		0.1	5.8	0.05 U	1	5.1					
7/19/2022	XX	GW227XF7H	UF	0.011	24		0.11	6	0.05 U	1	5.1					
10/4/2022	XD	GWDP3XFIB	UF	0.0084	24		0.14	5.1	0.05 U	1.1	4.8					
10/4/2022	XX	GW227XFHI	UF	0.0091	26		0.1	5.6	0.05 U	1.2	5.2					
MW-301																
4/22/2013	XX	GW301X5H7		!	!	!	!	!	!	!	!					
7/31/2013	XX	GW301X63C		0.01	19.2		0.54	4.8	0.05	0.7	10.4					
10/30/2013	XX	GW301X665		0.006	19.3		0.13	4.7	0.05 U	0.6	10.1					
10/30/2013	XD	GWDP1X666		0.008	18.7		0.15	4.7	0.05 U	0.6	10.2					
4/23/2014	XX	GW301X6E8		0.007	20.7		0.22	4.7	0.05	0.7	11.5					
7/30/2014	XX	GW301X6IF		0.006	19.6		0.1	4.8	0.05 U	0.8	12.2					
10/22/2014	XX	GW301X725		0.011	19.9		0.05 U	4.6	0.05 U	0.7	11.4					
10/22/2014	XD	GWDP1X726		0.01	20.3		0.05	4.8	0.05 U	0.7	11.7					
4/29/2015	XX	GW301X783		0.012	19.9		0.05 U	4.9	0.05 U	0.7	12					
7/15/2015	XX	GW301X7BF		0.006	19.3		0.06	4.6	0.05 U	0.7	11.7					
10/27/2015	XX	GW301X7H4		0.005	17.5		0.05 U	5	0.05 U	0.7	10.7					
10/27/2015	XD	GWDP4X7I2		0.007	16.6		0.05 U	5	0.05 U	0.7	10.9					
4/27/2016	XX	GW301X85E		0.018	21.9		0.05 U	5.2	0.05 U	0.7	12.2					
7/27/2016	XX	GW301X8A4		0.011	21.6		0.56	5.2	0.18	0.7	11.1					
10/26/2016	XD	GWDP4X8J1		0.01	20.5		0.12	5.4	0.05 U	0.8	12.5					
10/26/2016	XX	GW301X8I3		0.01	20.4		0.1	5.6	0.05 U	0.8	13					
4/19/2017	XX	GW301X969		0.006	20		0.07	5.4	0.05 U	0.7	11					
7/26/2017	XX	GW301X9C7		0.006	21		0.05 U	5.4	0.05 U	0.8	11					
10/25/2017	XD	GWDP4X9H0		0.007	24		0.05	5.9	0.05 U	0.7	12					
10/25/2017	XX	GW301X9G2		0.005	24		0.06	5.8	0.05 U	0.8	12					
4/4/2018	XX	GW301XA20	UF	0.006	25		0.11	6.2	0.06	0.8	13					
7/18/2018	XX	GW301XAB2	UF	0.005 U	25		0.18	6	0.06	0.8	12					
10/1/2018	XD	GWDP4XB0I	UF	0.005	25		0.05	6.3	0.05 U	0.7	13					
10/1/2018	XX	GW301XB00	UF	0.005 U	25		0.1	6.3	0.05	0.7	13					
4/24/2019	XX	GW301XB4G	UF	0.005	24		0.07	6.2	0.05 U	0.8	12					
7/17/2019	XX	GW301XBB9	UF	0.005 U	25		0.05 U	6.6	0.05 U	0.9	14					
10/28/2019	XD	GWDP4XBI0	UF	0.006	25		0.05 U	6.5	0.05 U	1	12					
10/28/2019	XX	GW301XBH2	UF	0.005 U	22		0.1	5.7	0.05 U	0.8	12					
4/27/2020	XX	GW301XCC9	UF	0.006	26		0.06	6.6	0.05 U	0.8	14					
7/20/2020	XX	GW301XCH2	UF	0.005 U	24		0.18	6.2	0.16	0.8	13					
10/26/2020	XD	GWDP4XD34	UF	0.005 U	23		0.14	6.1	0.12	0.4	12					
10/26/2020	XX	GW301XD26	UF	0.005 U	22		0.06	5.8	0.06	0.4	12					

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Metals Parameters

(MW-301)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
4/5/2021	XX	GW301XDB8	UF	0.005 U	28		0.14	7.1	0.11	0.8	13					
7/12/2021	XX	GW301XDJ0	UF	0.005 U	24		0.06	6	0.07	0.9	13					
10/4/2021	XD	GWDP4XE66	UF	0.005 U	26		0.25	6	0.07	0.9	13					
10/4/2021	XX	GW301XE58	UF	0.005 U	24		0.05 U	6.1	0.07	0.8	13					
4/25/2022	XD	GWDP4XF01	UF	0.005 U	27		0.05 U	6.6	0.05	1.8	14					
4/25/2022	XX	GW301XF00	UF	0.005 U	28		0.05 U	6.6	0.05	1.7	15					
7/18/2022	XX	GW301XF71	UF	0.005 U	26		0.05 U	6.5	0.1	0.86	14					
10/3/2022	XD	GWDP4XFIH	UF	0.005 U	26		0.14	6.3	0.14	0.79	14					
10/3/2022	XX	GW301XFHJ	UF	0.005 U	24		0.13	5.9	0.13	0.73	12					
MW-302R																
4/22/2013	XX	GW302X5IC		0.005	21.1	0.003 U	0.05 U	1.8	0.05 U	0.7	11					
7/29/2013	XX	GW302X64H		0.005 U	33		0.05 U	3	0.05 U	0.8	17.8					
10/28/2013	XX	GW302X67A		0.008	32.6		0.05 U	2.9	0.05 U	1.1	20.3					
4/21/2014	XX	GW302X6FD		0.006	38.5		0.05 U	2.9	0.05 U	0.9	16.7					
7/28/2014	XX	GW302X6JJ		0.009	50.2		0.05 U	3.6	0.05 U	1	20.8					
10/20/2014	XX	GW302X73A		0.015	54.4		0.05 U	4.7	0.05 U	1.2	26.7					
4/27/2015	XX	GW302X797		0.006	29.2		0.05 U	2.1	0.05 U	0.7	16.2					
7/13/2015	XX	GW302X7CJ		0.01	40.7		0.05 U	3.1	0.05 U	0.9	22.1					
10/26/2015	XX	GW302X7I8		0.009	51.3		0.05 U	4	0.05 U	0.9	20.9					
4/4/2016	XX	GW302X86I		0.009	30.4		0.05 U	2	0.05 U	0.7	13					
7/25/2016	XX	GW302X8B8		0.015	32.9		0.05 U	2.5	0.05 U	0.7	14.9					
10/24/2016	XX	GW302X8J7		0.005 U	99.2		0.05 U	8.1	0.05 U	1.5	22.5					
4/17/2017	XX	GW302X97D		0.005 U	33		0.05 U	2.6	0.05 U	0.8	17					
7/24/2017	XX	GW302X9DB		0.005 U	33		0.05 U	2.7	0.05 U	0.7	20					
10/23/2017	XX	GW302X9H6		0.005 U	73		0.05 U	6.1	0.05 U	1.3	28					
4/2/2018	XX	GW302XA35	UF	0.005	29		0.05 U	2.5	0.05 U	0.8	20					
7/16/2018	XX	GW302XAC6	UF	0.005 U	36		0.05 U	2.9	0.05 U	0.8	20					
10/1/2018	XX	GW302XB14	UF	0.005 U	140		0.05 U	8.6	0.1	2.4	35					
4/22/2019	XX	GW302XB61	UF	0.005 U	21		0.05 U	1.8	0.05 U	0.6	11					
7/17/2019	XX	GW302XBCC	UF	0.005 U	30		0.05 U	3	0.05 U	0.9	26					
10/28/2019	XX	GW302XB15	UF	0.005 U	29		0.05 U	2.5	0.05 U	0.9	22					
4/27/2020	XX	GW302XCDC	UF	0.005 U	31		0.05 U	2.5	0.05 U	0.7	18					
7/20/2020	XX	GW302XCI5	UF	0.005 U	32		0.05 U	3	0.05 U	0.9	22					
10/26/2020	XX	GW302XD39	UF	0.005 U	54		0.05 U	4.6	0.05 U	1	27					
4/5/2021	XX	GW302XDCB	UF	0.005 U	38		0.05 U	2.9	0.05 U	0.9	15					
7/12/2021	XX	GW302XE03	UF	0.006	59		0.05 U	5.2	0.05 U	1.2	28					
10/4/2021	XX	GW302XE6B	UF	0.005 U	56		0.05 U	4.2	0.05 U	1.1	24					
4/25/2022	XX	GW302XF13	UF	0.005 U	44		0.05 U	3.8	0.05 U	1.6	16					
7/18/2022	XX	GW302XF91	UF	0.005 U	67		0.05 U	6.2	0.05 U	1.4	24					
10/3/2022	XX	GW302XFJ2		DE	DE		DE	DE	DE	DE	DE					
MW-303 & MW12-303R																
4/22/2013	XX	GW303X5IG		0.01	21.3	0.003 U	0.05 U	9.5	0.06	2.1	15.9					
7/29/2013	XX	GW303X651		0.008	24.3		0.05 U	10	0.05 U	1.5	8.8					
10/28/2013	XX	GW303X67D		0.015	23.7		0.05 U	10.3	0.05 U	1.7	9.2					
4/21/2014	XX	GW303X6FH		0.013	26.5		0.05 U	10.3	0.05 U	1.6	18.2					
7/28/2014	XX	GW303X701		0.01	26.4		0.05 U	10.3	0.05 U	1.5	9.5					
10/20/2014	XX	GW303X73D		0.013	28		0.05 U	10.9	0.05 U	1.4	46.8					
4/27/2015	XX	GW303X799		0.013	64.2		0.05 U	7.2	1.07	3.1	82.8					

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Metals Parameters

(MW-303 & MW12-303R)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
6/18/2015	XX	42173-1		0.005 U	45.5	0.003 U	0.09	7.1	0.21	2.3	55.2					
7/13/2015	XX	GW303X7D1		0.016	40.6		0.05 U	8.5	0.09	1.7	22.3					
10/26/2015	XX	GW303X71A		0.009	31.8		0.19	7.9	0.31	1.8	29					
4/4/2016	XX	GW303X870		0.012	28.8		0.06	2.5	0.05 U	1.4	37.7					
7/25/2016	XX	GW303X8BA		0.036	55		0.05 U	9.2	0.05 U	2.3	28.7					
10/24/2016	XX	GW303X8J9		0.005 U	61		2.29	5.7	3.13	2.6	60.8					
4/17/2017	XX	GW303X97F		0.005 U	46		0.05	4.7	0.05	4.3	39					
7/24/2017	XX	GW303X9DD		0.005 U	47		0.05 U	7.4	0.05	4.2	22					
10/23/2017	XX	GW303X9H8	FILT	0.006	45		0.05 U	8.2	0.21	3.1	21					
4/2/2018	XX	GW303XA37	UF	0.005 U	160		0.08	22	0.16	5.6	110					
7/16/2018	XX	GW303XAC8	UF	0.007	56		0.05 U	15	0.05 U	2.2	15					
10/1/2018	XX	GW303XB16	UF	0.005 U	46		0.62	14	0.62	2	13					
4/22/2019	XX	GW303XB63	UF	0.005 U	60		0.35	8.3	0.76	5.7	25					
7/17/2019	XX	GW303XBCE	UF	0.005 U	50		0.05 U	9	0.14	4.3	29					
10/28/2019	XX	GW303XB17	UF	0.005 U	43		0.05 U	5.6	0.1	3.8	20					
4/27/2020	XX	GW303XCDE	UF	0.005 U	52		0.13	7.4	0.2	3.2	18					
7/20/2020	XX	GW303XCI7	UF	0.005 U	30		0.05 U	6.1	0.06	2.5	11					
10/26/2020	XX	GW303XD3B	UF	0.005 U	57		0.05 U	9.5	0.07	3.1	24					
4/5/2021	XX	GW303XDCCD	UF	0.005 U	46		0.05 U	6.4	0.06	2.4	22					
7/12/2021	XX	GW303XE05	UF	0.005 U	55		0.06	7.2	0.07	3.3	28					
10/4/2021	XX	GW303XE6D	UF	0.005 U	65		0.05 U	8.3	0.1	3.3	37					
4/25/2022	XX	GW303XF15	UF	0.005 U	33		0.35	4.8	0.27	2.7	22					
7/18/2022	XX	GW303XF93	UF	0.005 U	41		0.21	16	0.24	1.6	16					
10/3/2022	XX	GW303XFJ4	UF	0.005 U	43		0.13	12	0.11	2	22					
MW-401A																
4/22/2013	XX	GW401A511		0.005	13.7	0.003 U	0.05 U	3.9	0.05 U	0.7	4					
7/29/2013	XX	GW401A646		0.005 U	14.7		0.05 U	4.1	0.05 U	0.6	3.3					
10/28/2013	XX	GW401A66J		0.009	14		0.05 U	4	0.05 U	0.7	3.7					
4/21/2014	XX	GW401A6F2		0.006	15.4		0.05 U	4.2	0.05 U	0.7	3.9					
7/28/2014	XX	GW401A6J9		0.005	14.7		0.05 U	3.9	0.05 U	0.7	3.7					
10/20/2014	XX	GW401A730		0.01	14.5		0.05 U	4	0.05 U	0.6	3.6					
4/27/2015	XX	GW401A78H		0.009	15.7		0.06	4.2	0.05 U	0.7	3.9					
7/13/2015	XX	GW401A7C9		0.013	15.2		0.05 U	4	0.05 U	0.7	3.9					
10/26/2015	XX	GW401A7HI		0.009	15.1		0.05 U	4.1	0.05 U	0.6	3.8					
4/27/2016	XX	GW401A868		0.017	16.4		0.05 U	4.3	0.05 U	0.7	3.9					
7/25/2016	XX	GW401A8AI		0.018	15.7		0.05 U	4.2	0.05 U	0.7	3.6					
10/24/2016	XX	GW401A8IH		0.006	16.5		0.06	4.5	0.05 U	0.8	3.9					
4/17/2017	XX	GW401A973		0.007	15		0.05 U	4.4	0.05 U	0.8	3.7					
7/24/2017	XX	GW401A9D1		0.005	15		0.05 U	4.2	0.05 U	0.6	3.8					
10/25/2017	XX	GW401A9GG		0.008	16		0.05 U	4.3	0.05 U	0.7	3.8					
4/2/2018	XX	GW401AA2F	UF	0.005	16		0.05 U	4.7	0.05 U	0.8	4.5					
7/16/2018	XX	GW401AABG	UF	0.006	17		0.05 U	4.3	0.05 U	0.7	3.9					
10/1/2018	XX	GW401AB0E	UF	0.006	17		0.05 U	4.6	0.05 U	0.6	4.1					
4/22/2019	XX	GW401AB5B	UF	0.005 U	17		0.05 U	4.8	0.05 U	0.8	4.2					
7/15/2019	XX	GW401ABC3	UF	0.007	15		0.05 U	4.3	0.05 U	0.6	3.8					
10/28/2019	XX	GW401ABHG	UF	0.007	15		0.05 U	4.1	0.05 U	0.7	3.6					
4/27/2020	XX	GW401ACD3	UF	0.007	18		0.05 U	4.8	0.05 U	0.7	4					
7/20/2020	XX	GW401ACHG	UF	0.005 U	16		0.05 U	4.6	0.05 U	0.8	4.1					
10/26/2020	XX	GW401AD30	UF	0.007	17		0.05 U	4.7	0.05 U	0.6	3.7					

SUMMARY REPORT

Metals Parameters

(MW-401A)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
4/5/2021	XX	GW401ADC2	UF	0.005	17		0.05 U	4.9	0.05 U	0.8	4.1					
7/12/2021	XX	GW401ADJE	UF	0.007	17		0.05 U	4.5	0.05 U	0.7	3.6					
10/4/2021	XX	GW401AE62	UF	0.005 U	18		0.05 U	4.8	0.05 U	0.8	4.1					
4/25/2022	XX	GW401AF0E	UF	0.005 U	21		0.05 U	5.4	0.05 U	1.8	5.2					
7/18/2022	XX	GW401AF8C	UF	0.005 U	19		0.05 U	5.2	0.05 U	0.81	4.1					
10/3/2022	XX	GW401AFID	UF	0.005 U	19		0.05 U	5	0.05 U	0.77	4					
MW-401B																
4/22/2013	XX	GW401B5I2		0.013	28.9	0.003 U	0.39	8.7	0.18	1.1	12.9					
4/22/2013	XD	GWDP4X5I5		0.012	29.4	0.003 U	0.36	8.7	0.17	1.1	12.5					
7/29/2013	XX	GW401B647		0.022	28.8		0.51	8.4	0.22	0.9	10					
7/29/2013	XD	GWDP1X63D		0.02	31.4		0.59	9.4	0.21	1	10.9					
10/28/2013	XX	GW401B670		0.027	35.1		1.72	10.8	0.28	1.5	14.9					
10/28/2013	XD	GWDP4X673		0.03	37.4		1.61	10.3	0.28	1.5	15.2					
4/21/2014	XX	GW401B6F3		0.031	30.2		1.45	8.8	0.2	1.1	11.4					
4/21/2014	XD	GWDP4X6F6		0.032	29.3		1.65	9	0.22	1.1	11.6					
7/28/2014	XX	GW401B6JA		0.023	36		1.63	9.6	0.18	1.2	13.6					
7/28/2014	XD	GWDP4X6JD		0.027	35.9		1.68	9.8	0.18	1.2	12.7					
10/20/2014	XX	GW401B731		0.026	38.8		1.95	10.9	0.16	1.4	16.2					
10/20/2014	XD	GWDP4X734		0.026	37		1.89	10.4	0.15	1.3	15.1					
4/27/2015	XX	GW401B78I		0.026	29.8		1.37	8.4	0.28	1	10.4					
4/27/2015	XD	GWDP4X791		0.027	28.4		1.28	8.4	0.26	1	10.4					
7/13/2015	XX	GW401B7CA		0.026	37		1.57	9.8	0.22	1.1	12.6					
7/13/2015	XD	GWDP4X7CD		0.029	36.4		1.52	9.6	0.21	1.1	12.6					
10/26/2015	XX	GW401B7HJ		0.027	35.4		2.13	10.6	0.22	1.3	13.6					
10/26/2015	XD	GWDP3X7HG		0.028	37.2		2.17	10.7	0.22	1.3	13.5					
4/6/2016	XD	GWDP4X86C		0.028	30.6		0.92	8.4	0.18	1	10.7					
4/6/2016	XX	GW401B869		0.025	33.3		0.9	8.8	0.18	1	10.6					
7/25/2016	XX	GW401B8AJ		0.058	43.3		2.79	12.1	0.19	1.4	13.9					
10/24/2016	XD	GWDP1X8I4		0.015	43.1		2.02	12.3	0.13	1.5	15.7					
10/24/2016	XX	GW401B8II		0.013	44.8		2.07	12.9	0.13	1.6	15.9					
4/17/2017	XD	GWDP4X977		0.045	30		3	10	0.4	1.2	13					
4/17/2017	XX	GW401B974		0.044	31		3	10	0.43	1.2	13					
7/24/2017	XX	GW401B9D2		0.02	37		1.3	10	0.17	1	12					
10/25/2017	XD	GWDP1X9G3		0.033	43		3.5	12	0.35	1.3	13					
10/25/2017	XX	GW401B9GH		0.015	43		1.7	12	0.2	1.3	14					
4/2/2018	XD	GWDP4XA2J	UF	0.013	40		0.55	11	0.08	1.3	14					
4/2/2018	XX	GW401BA2G	UF	0.013	37		0.47	10	0.07	1.1	13					
7/16/2018	XX	GW401BABH	UF	0.028	43		1.9	11	0.24	1.2	12					
10/1/2018	XD	GWDP1XB01	UF	0.01	41		1.6	11	0.15	1.3	14					
10/1/2018	XX	GW401BB0F	UF	0.01	42		1.9	12	0.17	1.4	13					
4/22/2019	XD	GWDP4XB5F	UF	0.02	27		0.64	8	0.13	0.9	9.8					
4/22/2019	XX	GW401BB5C	UF	0.021	26		0.63	8.1	0.13	0.9	9.7					
7/15/2019	XD	GWDP4XBC7	UF	0.02	33		1.3	9.7	0.15	0.9	10					
7/15/2019	XX	GW401BBC4	UF	0.02	34		1.4	10	0.16	1.1	11					
10/28/2019	XD	GWDP1XBH3	UF	0.017	39		1.9	11	0.15	1.4	11					
10/28/2019	XX	GW401BBHH	UF	0.013	38		1.6	10	0.13	1.2	10					
4/27/2020	XD	GWDP4XCD7	UF	0.019	31		0.68	8.9	0.1	1	9.8					
4/27/2020	XX	GW401BCD4	UF	0.023	30		0.67	8.5	0.09	0.9	9.7					
7/20/2020	XD	GWDP4XCI0	UF	0.025	36		2.6	11	0.2	1.8	11					

SUMMARY REPORT

Metals Parameters

(MW-401B)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
7/20/2020	XX	GW401BCHH	UF	0.028	39		2.5	11	0.21	1.5	11					
10/26/2020	XD	GWDP1XD27	UF	0.013	38		2	11	0.21	1	11					
10/26/2020	XX	GW401BD31	UF	0.016	42		2.1	12	0.22	1.2	12					
4/5/2021	XD	GWDP4XDC6	UF	0.008	37		1.3	10	0.1	1.1	10					
4/5/2021	XX	GW401BDC3	UF	0.009	39		1.3	11	0.11	1.2	11					
7/12/2021	XD	GWDP5XE1B	UF	0.005	40		1.3	11	0.1	1.2	10					
7/12/2021	XX	GW401BDJF	UF	0.005 U	37		1.3	10	0.1	1.2	10					
10/4/2021	XD	GWDP1XE59	UF	0.017	41		1.5	11	0.11	1.4	12					
10/4/2021	XX	GW401BE63	UF	0.008	41		1.4	11	0.1	1.4	12					
4/25/2022	XD	GWDP1XF01	UF	0.005 U	42		1.2	11	0.1	3.3	12					
4/25/2022	XX	GW401BF0F	UF	0.005 U	42		1.3	11	0.11	2.2	11					
7/18/2022	XD	GWDP5XFA8	UF	0.0051	41		1.4	11	0.11	1.4	11					
7/18/2022	XX	GW401BF8D	UF	0.005 U	40		1.2	11	0.1	1.4	11					
10/3/2022	XD	GWDP1XF10	UF	0.005 U	43		1.3	11	0.12	1.4	11					
10/3/2022	XX	GW401BF1E	UF	0.005 U	45		1.3	11	0.11	1.4	11					

MW-402A

4/22/2013	XX	GW402A5I3		0.021	10.7	0.003 U	0.05 U	3	0.05 U	0.7	9.1				
7/31/2013	XX	GW402A648		0.024	11.8		0.05 U	3.1	0.05 U	0.6	7.7				
10/30/2013	XX	GW402A671		0.02	12.1		0.05 U	3	0.05 U	0.6	8.2				
4/23/2014	XX	GW402A6F4		0.023	11.9		0.05 U	2.9	0.05 U	0.6	8.3				
7/30/2014	XX	GW402A6JB		0.022	12		0.05 U	3	0.05 U	0.7	8.9				
10/22/2014	XX	GW402A732		0.024	12.5		0.05 U	3	0.05 U	0.6	8.7				
4/29/2015	XX	GW402A78J		0.023	11.6		0.05 U	3	0.05 U	0.6	8.8				
7/15/2015	XX	GW402A7CB		0.025	11.4		0.05 U	2.8	0.05 U	0.6	8.4				
10/28/2015	XX	GW402A710		0.021	10.5		0.05 U	2.8	0.05 U	0.5	7.4				
4/27/2016	XX	GW402A86A		0.025	12.3		0.05 U	3.1	0.05 U	0.6	8.6				
7/27/2016	XX	GW402A8B0		0.026	12.4		0.05 U	3.1	0.05 U	0.7	8.8				
10/26/2016	XX	GW402A81J		0.017	11.7		0.05 U	3.2	0.05 U	0.6	8.9				
4/19/2017	XX	GW402A975		0.019	11		0.05 U	3.3	0.05 U	0.6	8.8				
7/26/2017	XX	GW402A9D3		0.016	11		0.05 U	2.9	0.05 U	0.6	7.9				
10/26/2017	XX	GW402A9GI		0.019	13		0.05 U	3.2	0.05 U	0.5	7.7				
4/4/2018	XX	GW402AA2H	UF	0.024	13		0.05 U	3.4	0.05 U	0.7	10				
7/18/2018	XX	GW402AABI	UF	0.015	14		0.26	3	0.05 U	0.7	8.2				
10/3/2018	XX	GW402AB0G	UF	0.024	12		0.05 U	3	0.05 U	0.6	8.5				
4/24/2019	XX	GW402AB5D	UF	0.017	12		0.05 U	3.1	0.05 U	0.6	8.5				
7/17/2019	XX	GW402ABC5	UF	0.02	12		0.05 U	3.4	0.05 U	0.7	10				
10/30/2019	XX	GW402ABHI	UF	0.019	11		0.05 U	3.1	0.05 U	0.7	8.5				
4/29/2020	XX	GW402ACD5	UF	0.02	12		0.05 U	3.2	0.05 U	0.8	8.5				
7/22/2020	XX	GW402ACHI	UF	0.018	12		0.05 U	3.3	0.05 U	1	9.5				
10/28/2020	XX	GW402AD32	UF	0.015	12		0.05 U	3.4	0.05 U	0.6	10				
4/7/2021	XX	GW402ADC4	UF	0.017	14		0.05 U	3.6	0.05 U	0.7	9.1				
7/14/2021	XX	GW402ADJG	UF	0.015	11		0.05 U	2.9	0.05 U	0.4	7.7				
10/4/2021	XX	GW402AE64	UF	0.019	13		0.05 U	3.2	0.05 U	0.7	9.1				
4/25/2022	XX	GW402AF0G	UF	0.017	14		0.05 U	3.4	0.05 U	1.3	9.4				
7/20/2022	XX	GW402AF8E	UF	0.013	14		0.05 U	3.6	0.05 U	1.3	9.6				
10/3/2022	XX	GW402AF1F	UF	0.014	13		0.05 U	3.1	0.05 U	0.65	8.8				

MW-402B

4/22/2013	XX	GW402B5I4		0.019	13.2	0.003 U	0.05 U	4.7	0.05 U	0.6	8.4				
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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Metals Parameters

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

(MW-402B)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
7/31/2013	XX	GW402B649		0.024	14.9		0.05 U	5	0.05 U	0.6	7.6					
10/30/2013	XX	GW402B672		0.019	15.5		0.05 U	4.9	0.05 U	0.6	8.1					
4/23/2014	XX	GW402B6F5		0.019	15.1		0.05 U	4.7	0.05 U	0.6	8					
7/30/2014	XX	GW402B6JC		0.023	14.8		0.05 U	4.7	0.05 U	0.6	8.5					
10/22/2014	XX	GW402B733		0.021	14.7		0.05 U	4.6	0.05 U	0.7	8.3					
4/29/2015	XX	GW402B790		0.021	14.8		0.05 U	4.7	0.05 U	0.6	8					
7/15/2015	XX	GW402B7CC		0.024	14.7		0.05 U	4.5	0.05 U	0.6	7.8					
10/28/2015	XX	GW402B711		0.022	13.5		0.05 U	4.6	0.05 U	0.6	7.7					
4/27/2016	XX	GW402B86B		0.031	15.6		0.05 U	5	0.05 U	0.6	8.2					
7/27/2016	XX	GW402B8B1		0.023	15.3		0.05 U	4.8	0.05 U	0.6	8.3					
10/26/2016	XX	GW402B8J0		0.022	14.8		0.18	5.2	0.05	0.7	9.4					
4/19/2017	XX	GW402B976		0.021	13		0.05 U	4.9	0.05 U	0.7	8.3					
7/26/2017	XX	GW402B9D4		0.021	14		0.05 U	4.6	0.05 U	0.6	8.1					
10/26/2017	XX	GW402B9GJ		0.021	17		0.05 U	5.1	0.05 U	0.6	7.9					
4/4/2018	XX	GW402BA21	UF	0.019	16		0.06	5.3	0.05 U	0.7	9.1					
7/18/2018	XX	GW402BABJ	UF	0.016	15		0.06	4.8	0.05 U	0.6	8.5					
10/3/2018	XX	GW402BB0H	UF	0.019	16		0.05 U	4.8	0.05 U	0.6	8.8					
4/24/2019	XX	GW402BB5E	UF	0.02	15		0.05 U	4.8	0.05 U	0.6	8.2					
7/17/2019	XX	GW402BBC6	UF	0.017	13		0.05 U	5.2	0.05 U	0.7	9.8					
10/30/2019	XX	GW402BBHJ	UF	0.02	14		0.05 U	4.8	0.05 U	0.7	8.1					
4/29/2020	XX	GW402BCD6	UF	0.017	15		0.05 U	4.9	0.05 U	0.7	8.2					
7/22/2020	XX	GW402BCHJ	UF	0.018	14		0.06	5.1	0.05 U	0.7	9.2					
10/28/2020	XX	GW402BD33	UF	0.016	15		0.05 U	5.3	0.05 U	0.6	9.4					
4/7/2021	XX	GW402BDC5	UF	0.018	18		0.05 U	5.9	0.05 U	0.7	9.2					
7/14/2021	XX	GW402BDJH	UF	0.019	15		0.05 U	4.6	0.05 U	0.4	7.8					
10/4/2021	XX	GW402BE65	UF	0.021	16		0.22	5.2	0.05 U	0.7	9					
4/25/2022	XX	GW402BF0H	UF	0.017	16		0.05 U	5.1	0.05 U	1.3	8.8					
7/20/2022	XX	GW402BF8F	UF	0.0099	22		0.05 U	7.4	0.05 U	1.4	9.7					
10/3/2022	XX	GW402BFIG	UF	0.016	16		0.05 U	4.6	0.05 U	0.61	8					
MW-501																
4/5/2018	XX	GW501XA6I	UF	0.008	30	0.003 U	0.05 U	4.9	0.05 U	0.8	4.6					
6/4/2018	XX	GW501XA7F	UF	0.009	30	0.003 U	0.05 U	5.5	0.05	0.7	4.1					
7/19/2018	XX	GW501XAED	UF	0.005 U	30		0.05	5.4	0.06	0.7	3.9					
8/20/2018	XX	GW501XAFE	UF	0.006	33		0.05 U	5.7	0.08	0.7	3.9					
4/24/2019	XX	GW501XB7C	UF	0.005 U	47		0.17	6.8	0.21	0.8	5.1					
7/17/2019	XX	GW501XBE0	UF	0.009	21		0.05 U	5.1	0.05 U	0.8	4.3					
10/30/2019	XX	GW501XB9J	UF	0.005 U	60		0.05 U	7.8	0.05 U	1	5.4					
4/29/2020	XX	GW501XCF0	UF	0.005 U	21		0.05 U	4.7	0.05 U	0.7	3.5					
7/22/2020	XX	GW501XCJD	UF	0.005 U	44		0.05	9.2	0.05 U	1.1	6.4					
10/28/2020	XX	GW501XD4D	UF	0.005 U	50		0.05 U	8.2	0.05 U	0.9	6.1					
4/7/2021	XX	GW501XDDH	UF	0.005 U	38		0.05 U	7	0.05 U	0.8	4.9	0.05 U				
7/14/2021	XX	GW501XE18	UF	0.005 U	30	0.003 U	0.06	5.8	0.05 U	0.6	4	0.05 U				
10/6/2021	XX	GW501XE8A	UF	0.005	31	0.003 U	0.05 U	6.2	0.05 U	0.8	4.3	0.05 U				
4/27/2022	XX	GW501XF2G	UF	0.005 U	37	0.003 U	0.05 U	7.5	0.05	2.4	6.7	0.05 U				
7/20/2022	XX	GW501XFA6	UF	0.005 U	35	0.003 U	0.05 U	7.9	0.05 U	1.3	5.3	0.05 U				
10/5/2022	XX	GW501XG0F	UF	0.005 U	34	0.003 U	0.051	6.7	0.05	0.73	4.3	0.05 U				
MW-502																
2/26/2020	XD	GWDP1XC52	UF	0.005 U	34	0.003 U	0.05 U	6.2	0.05 U	0.9	4.6					

SUMMARY REPORT

Metals Parameters

(MW-502)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
2/26/2020	XX	GW502XC55	UF	0.005 U	34	0.003 U	0.05 U	6.3	0.05 U	0.9	4.8					
4/30/2020	XX	GW502XCBJ	UF	0.005 U	39	0.003 U	0.05	6.9	0.05 U	1	5.1					
6/23/2020	XX	GW502XCGB	UF	0.005 U	38	0.003 U	0.05 U	7.6	0.05 U	1.1	5.6					
8/20/2020	XX	GW502XD11	UF	0.005 U	36	0.003 U	0.05 U	7	0.05 U	1.3	5.4					
7/14/2021	XX	GW502XE23	UF	0.005 U	59	0.003 U	0.13	9.8	0.2	1.4	6.1	0.05 U				
10/7/2021	XX	GW502XE8B	UF	0.005 U	64	0.003 U	0.05 U	9.8	0.05 U	1.2	5	0.05 U				
4/27/2022	XX	GW502XF2H	UF	0.005 U	45	0.003 U	0.05 U	7.8	0.05 U	2	6.3	0.05 U				
7/20/2022	XX	GW502XFAL	UF	0.005 U	61	0.003 U	0.05 U	10	0.05 U	1.7	5.9	0.05 U				
10/5/2022	XX	GW502XG0G	UF	0.005 U	69	0.003 U	0.05 U	9.7	0.17	1.3	6.3	0.05 U				
MW-503																
2/9/2021	XX	GW503XD9A	UF	0.005	25	0.003 U	0.05 U	7.1	0.05 U	0.8	5.3	0.05 U				
4/8/2021	XX	GW503XDA9	UF	0.005 U	29	0.003 U	0.05 U	7.2	0.05 U	0.9	4.9	0.05 U				
6/8/2021	XX	GW503XDGC	UF	0.005 U	31	0.003 U	0.05 U	7.4	0.05 U	1	5.6	0.05 U				
8/19/2021	XX	GW503XE4E	UF	0.005 U	30	0.003 U	0.05 U	7.1	0.05 U	1	5.3	0.05 U				
10/7/2021	XX	GW503XE96	UF	0.005 U	28	0.003 U	0.05 U	6.5	0.05 U	0.9	5	0.05 U				
4/27/2022	XX	GW503XF3B	UF	0.005 U	31	0.003 U	0.05 U	7.6	0.05 U	2	7.3	0.05 U				
7/20/2022	XX	GW503XFB5	UF	0.005 U	37	0.003 U	0.05 U	9.4	0.05 U	1.6	7	0.05 U				
10/5/2022	XX	GW503XG1A	UF	0.005 U	32	0.0041	0.05 U	7.7	0.05 U	0.96	5.6	0.05 U				
MW-504																
2/9/2021	XD	GWDP1XD94	UF	0.006	12	0.003 U	0.12	3.5	0.1	1.2	11	0.05 U				
2/9/2021	XX	GW504XD9B	UF	0.006	12	0.003 U	0.17	3.6	0.1	1.4	12	0.05 U				
4/7/2021	XX	GW504XDAA	UF	0.005	14	0.003 U	0.05 U	4.1	0.05	1.2	10	0.05 U				
6/9/2021	XD	GWDP1XDG9	UF	0.006	14	0.003 U	0.07	4.2	0.1	1.1	6.9	0.05 U				
6/9/2021	XX	GW504XDGD	UF	0.005	14	0.003 U	0.06	4.2	0.05 U	1.1	6.8	0.05 U				
8/19/2021	XX	GW504XE47	UF	0.006	15	0.003 U	0.1	4.2	0.13	1	6.2	0.05 U				
10/7/2021	XD	GWDP6XE9A	UF	0.005 U	15	0.003 U	0.28	4.1	0.17	1	6.1	0.05 U				
10/7/2021	XX	GW504XE97	UF	0.005 U	16	0.003 U	0.06	4.6	0.05 U	0.9	6.4	0.05 U				
4/27/2022	XD	GWDP6XF3F	UF	0.005 U	13	0.003 U	0.06	4	0.05 U	1.4	6.2	0.05 U				
4/27/2022	XX	GW504XF3C	UF	0.005 U	14	0.003 U	0.12	4	0.06	1.8	7.5	0.05 U				
7/21/2022	XX	GW504XFB6		!	!	!	!	!	!	!	!	!				
10/5/2022	XD	GWDP6XG1E	UF	0.005 U	14	0.0038	0.25	4.2	0.12	0.76	5.5	0.05 U				
10/5/2022	XX	GW504XG1B	UF	0.005 U	15	0.015	6	5.8	0.89	2	6.1	0.05 U				
MW-505																
2/10/2021	XX	GW505XD9C	UF	0.005 U	17	0.003 U	0.35	5.9	0.73	1.2	55	0.05 U				
4/8/2021	XX	GW505XDAB	UF	0.005 U	20	0.003 U	0.16	6.5	0.62	1.2	33	0.05 U				
6/9/2021	XX	GW505XDGE	UF	0.005	21	0.003 U	0.13	7	0.58	1.3	27	0.05 U				
8/18/2021	XX	GW505XE48	UF	0.005	19	0.003 U	0.1	6.3	0.43	1.2	34	0.05 U				
10/7/2021	XX	GW505XE98	UF	0.006	19	0.003 U	0.13	6.2	0.39	1	34	0.05 U				
4/27/2022	XX	GW505XF3D	UF	0.0052	20	0.003 U	0.9	7	0.29	1.4	33	0.05 U				
7/21/2022	XX	GW505XFB7	UF	0.005 U	20	0.0032	0.32	6.9	0.26	1.9	22	0.05 U				
10/5/2022	XX	GW505XG1C	UF	0.005 U	22	0.003 U	0.24	6.8	0.25	1.1	21	0.05 U				
MW-506																
2/18/2021	XX	GW506XD9D	UF	0.005 U	34	0.003 U	0.51	8.7	1.1	2.6	200	0.06				
4/8/2021	XX	GW506XDAC	UF	0.005 U	29	0.003 U	0.23	7	0.97	1.8	130	0.05				
6/8/2021	XX	GW506XDGF		F16	F16	F16	F16	F16	F16	F16	F16	F16				
7/14/2021	XX	GW506XE38	UF	0.005	23	0.003 U	0.23	7.8	0.87	1.2	110	0.05 U				
9/1/2021	XX	GW506XE49	UF	0.009	24	0.003 U	0.11	7.7	0.72	1.2	110	0.05				

(MW-506)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
10/7/2021	XX	GW506XE99	UF	0.008	30	0.003 U	0.24	8	0.67	1.6	120	0.05 U				
4/27/2022	XX	GW506XF3E	UF	0.0075	24	0.003 U	0.38	7.9	0.49	2	100	0.05 U				
7/18/2022	XX	GW506XFB8	UF	0.0094	20	0.0052	0.8	7.4	0.39	1.3	83	0.05 U				
10/5/2022	XX	GW506XG1D	UF	0.0068	19	0.0051	0.71	7.1	0.32	1.1	79	0.069				

MW-507															
4/5/2018	XX	GW507XA6J	UF	0.005 U	22	0.003 U	0.13	2.7	0.05 U	0.5	2.5				
6/5/2018	XX	GW507XA7G	UF	0.007	33	0.003 U	0.05 U	4	0.05 U	0.5	3.3				
7/18/2018	XX	GW507XAEI	UF	0.005 U	33		0.05	4.2	0.05 U	0.6	3.7				
8/20/2018	XX	GW507XAFF	UF	0.005 U	38		0.18	4.7	0.05 U	0.6	4				
7/14/2021	XX	GW507XE24	UF	0.005 U	38	0.003 U	0.6	5.2	0.05 U	0.5	4.3	0.05 U			
10/7/2021	XX	GW507XE8C	UF	0.005 U	33	0.003 U	0.68	3.8	0.05 U	0.5	3.6	0.05 U			
4/27/2022	XX	GW507XF2I	UF	0.005 U	16	0.003 U	0.86	2.2	0.05 U	1	2.7	0.05 U			
7/20/2022	XX	GW507XFAJ	UF	0.005 U	44	0.003 U	0.3	6.1	0.05 U	1.1	4.9	0.05 U			
10/5/2022	XX	GW507XG0H	UF	0.005 U	52	0.003 U	0.074	6.6	0.05 U	0.75	6.4	0.05 U			

OW-06-03															
4/10/2018	XX	GWXXXXA73	UF	0.005 U	17	0.003 U	0.32	4.4	0.65	1.1	6.6				
6/5/2018	XX	GWXXXXA80		I	I	I	I	I	I	I	I				
7/19/2018	XX	GWXXXXAEI		I	I		I	I	I	I	I				
8/21/2018	XX	GWXXXXAFH		I	I		I	I	I	I	I				
7/18/2019	XX	GWXXXXBDJ		I	I		I	I	I	I	I				
7/20/2020	XX	GWXXXXCJC		I	I		I	I	I	I	I				
7/14/2021	XX	GWXXXXE17	UF	0.01	78	0.003 U	23	6.5	8.7	3.7	4.7	0.05 U			
7/20/2022	XX	GWXXXXFA5		I	I	I	I	I	I	I	I	I			

OW-601A															
4/11/2018	XX	GW601AHHA	FILT	0.005 U	36	0.003 U	0.18	8.8	0.19	1.8	6.6				
4/11/2018	XX	GW601AA69	UF	0.005 U	39	0.003 U	0.97	10	0.2	1.9	7.2				
6/6/2018	XX	GWXXXXHG4	FILT	0.005 U	41	0.003 U	0.06	11	0.23	1.8	7.9				
7/19/2018	XX	GW601AAE4	UF	0.005 U	43		0.4	11	0.29	2.1	10				
8/22/2018	XX	GW601AAF5	UF	0.005 U	43		0.05 U	10	0.19	2.3	13				
7/18/2019	XX	GW601ABB6	UF	0.005 U	42		0.05 U	12	0.07	2.5	16				
7/22/2020	XX	GW601ACGJ	UF	0.005 U	37		0.87	10	0.05	2.4	25				
7/12/2021	XX	GW601ADIH	UF	0.005	47	0.003 U	0.05 U	12	0.05 U	2	12	0.05 U			
7/21/2022	XX	GW601AF7F	UF	0.005 U	52	0.004	0.05 U	13	0.05 U	2.8	21	0.05 U			

OW-601B															
4/11/2018	XX	GW601BA6A	UF	0.005 U	40	0.003 U	0.05 U	12	0.09	1.9	8				
6/6/2018	XX	GW601BA77	UF	0.007	39	0.003 U	0.28	12	1	1.9	8.2				
7/19/2018	XX	GW601BAE5	UF	0.005 U	36		0.19	11	0.11	1.5	7				
8/22/2018	XX	GW601BAF6	UF	0.005 U	40		0.19	13	0.05 U	1.4	6.8				
7/18/2019	XX	GW601BBDF	UF	0.005 U	34		0.74	13	0.64	1.8	8.7				
7/22/2020	XX	GW601BCJ8	UF	0.005 U	35		0.31	13	0.05 U	1.4	8.3				
7/12/2021	XD	GWDP4XDJI	UF	0.005 U	38	0.003	0.05 U	12	0.05 U	1.3	7.1	0.05 U			
7/12/2021	XX	GW601BE13	UF	0.006	38	0.003 U	0.05	13	0.05 U	1.2	7.3	0.05 U			
7/21/2022	XD	GWDP4XF8G	UF	0.005 U	42	0.0098	0.1	14	0.05 U	4.1	9.9	0.05 U			
7/21/2022	XX	GW601BFA1	UF	0.005 U	44	0.003 U	0.05 U	14	0.05 U	2	8.1	0.05 U			

OW-602A															
4/11/2018	XX	GW602AA6B	UF	0.005 U	14	0.003 U	0.05 U	2.8	0.05 U	0.6	2.5				

SUMMARY REPORT
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(OW-602A)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
6/6/2018	XD	GWDP1XA75	UF	0.005 U	19	0.003 U	0.05 U	4.1	0.05 U	0.4	3.4	
6/6/2018	XX	GW602AA78	UF	0.008	18	0.003 U	0.05 U	4.1	0.05 U	0.5	3	
7/19/2018	XD	GWDP1XAE3	UF	0.005 U	17		0.05 U	3.5	0.05 U	0.4	2.6	
7/19/2018	XX	GW602AAE6	UF	0.005 U	17		0.05 U	3.6	0.05 U	0.4	2.7	
8/21/2018	XX	GW602AAF7	UF	0.005 U	18		0.1	3.5	0.05 U	0.4	2.5	
7/18/2019	XX	GW602ABDG	UF	0.005 U	13		0.05 U	3	0.05 U	0.4	2.8	
7/22/2020	XX	GW602ACJ9	UF	0.005 U	17		0.05 U	4.1	0.05 U	0.5	3.3	
7/12/2021	XX	GW602AE14	UF	0.005 U	36	0.003 U	0.05 U	7.7	0.05 U	0.6	4.1	0.05 U
7/21/2022	XX	GW602AFA2	UF	0.005 U	50	0.003 U	0.05 U	11	0.05 U	1.3	5.8	0.05 U

OW-603B												
4/12/2018	XX	GW603BA6C	UF	0.005 U	34	0.003 U	0.11	11	0.16	1.4	8.5	
6/5/2018	XX	GW603BA79	UF	0.005 U	27	0.003 U	0.05	8.1	0.11	1	5.9	
7/19/2018	XX	GWXXXHG5	FILT	0.005 U	13		1.3	4.5	0.37	1.2	4.2	
7/19/2018	XX	GW603BAE7	UF	0.017	21		19	8.5	0.93	3.7	4.9	
8/21/2018	XX	GW603BAF8	UF	0.005 U	13		0.54	4.6	0.77	1.5	3.9	
7/18/2019	XX	GW603BBDH	UF	0.008	12		0.08	4.7	0.2	1.6	5.4	
7/22/2020	XX	GW603BCJA		I	I		I	I	I	I	I	
7/13/2021	XX	GW603BE15		D	D	D	D	D	D	D	D	D
10/6/2021	XX	GW603BE7J		D	D	D	D	D	D	D	D	D
7/21/2022	XX	GW603BFA3		D	D	D	D	D	D	D	D	D

OW-604A												
4/12/2018	XX	GW604AA6D	UF	0.005 U	10	0.003 U	0.05 U	2.6	0.05 U	0.6	3.5	
6/4/2018	XX	GW604AA7A	UF	0.007	8.9	0.003 U	0.05 U	2.3	0.05 U	0.5	3.1	
7/19/2018	XX	GW604AAE8	UF	0.005 U	9.2		0.05 U	2.4	0.05 U	0.5	2.7	
8/21/2018	XX	GW604AAF9	UF	0.005 U	15		0.05 U	3.4	0.05 U	0.6	3.1	
7/18/2019	XX	GW604ABDI	UF	0.005 U	13		0.05 U	4.2	0.05 U	0.6	4.4	
7/21/2020	XX	GW604ACJB	UF	0.005 U	18		0.05 U	5	0.05 U	0.7	4.7	
7/14/2021	XX	GW604AE16	UF	0.005 U	23	0.003 U	0.05 U	5.9	0.05 U	0.5	4.4	0.05 U
7/21/2022	XX	GW604AFA4	UF	0.005 U	38	0.003 U	0.05	9	0.05 U	3.1	9.8	0.05 U

OW-605A												
4/10/2018	XX	GW605AA6E	UF	0.005 U	17	0.003 U	1.4	4.6	0.05 U	0.5	4.1	
6/5/2018	XX	GW605AA7B	UF	0.005	18	0.003 U	0.2	4.2	0.05 U	0.5	3.8	
7/19/2018	XX	GW605AAE9	UF	0.005 U	17		0.2	3.9	0.05 U	0.4	3.4	
8/21/2018	XX	GW605AFA	UF	0.005 U	17		0.1	3.8	0.05 U	0.4	3.4	
7/14/2021	XD	GWDP6XE1J	UF	0.005 U	26	0.003 U	0.15	6.2	0.05 U	0.6	5	0.05 U
7/14/2021	XX	GW605AE25	UF	0.005 U	28	0.003 U	0.18	6.6	0.05 U	0.6	5.6	0.05 U
10/7/2021	XX	GW605AE8G	UF	0.005 U	33	0.003 U	0.29	7.4	0.05 U	0.5	5.6	0.05 U
7/21/2022	XD	GWDP6XFAE	UF	0.005 U	41	0.0068	0.8	9.1	0.05 U	2.5	7.7	0.05 U
7/21/2022	XX	GW605AFB0	UF	0.005 U	39	0.015	0.8	9.1	0.05 U	0.89	6.3	0.05 U

OW-606A												
4/3/2018	XX	GW606AA6F	UF	0.005 U	42	0.003 U	0.05 U	9.7	0.05 U	1.1	9.4	
6/4/2018	XX	GW606AA7C	UF	0.005	43	0.003 U	0.05 U	9.7	0.05 U	1.2	10	
7/19/2018	XX	GW606AAEA	UF	0.005 U	41		0.05 U	8.5	0.05 U	1.1	8.8	
8/21/2018	XX	GW606AAFB	UF	0.005 U	38		0.05 U	8.4	0.05 U	1	8.4	
7/14/2021	XX	GW606AE06	UF	0.005 U	39	0.003 U	0.5	8.6	0.05 U	1.1	8.4	0.05 U
10/7/2021	XX	GW606AE8H	UF	0.005 U	44	0.003 U	3.5	9.1	0.11	1	8.3	0.05 U
7/20/2022	XX	GW606AF94	UF	0.005 U	47	0.003 U	0.06	11	0.07	1.6	9.6	0.05 U

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 FOR: Juniper Ridge Landfill

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

(OW-606B)	Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron
Date	Type	Sample ID	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

OW-606B												
2/9/2021	XX	GW606BD9E	F	F	F	F	F	F	F	F		
4/8/2021	XX	GW606BDAD	UF	0.005 U	28	0.003 U	1.4	5.7	0.58	1.6	21	0.05 U
6/8/2021	XX	GW606BDGG	UF	0.005 U	24	0.003 U	0.26	5.2	0.05	1.5	6.7	0.05 U
7/14/2021	XX	GW606BE37	UF	0.005 U	19	0.003 U	0.09	4.2	0.05 U	1.5	5.1	0.05 U
8/18/2021	XX	GW606BE4A	UF	0.005 U	22	0.003 U	0.11	4.7	0.05 U	1.7	5.7	0.05 U
10/7/2021	XX	GW606BE8I	UF	0.005 U	23	0.003 U	0.41	4.6	0.05 U	1.6	5.7	0.05 U
7/20/2022	XX	GW606BF9	UF	0.005 U	23	0.003 U	0.72	5.3	0.05	2.1	7.1	0.05 U

OW-607B												
2/9/2021	XX	GW607BD9F	UF	0.008	15	0.003 U	0.05 U	5.2	0.05 U	0.9	4.2	0.05 U
4/7/2021	XX	GW607BDAE	UF	0.007	18	0.003 U	0.05 U	5.3	0.05 U	1	4.5	0.05 U
6/9/2021	XX	GW607BDGH	UF	0.007	19	0.003 U	0.08	5.8	0.05 U	1.2	5.2	0.05 U
8/19/2021	XX	GW607BE4B	UF	0.009	18	0.003 U	0.05 U	5.2	0.05 U	1	4.2	0.05 U
10/7/2021	XX	GW607BE8J	UF	0.007	18	0.003 U	0.05 U	5.3	0.05 U	0.9	4.3	0.05 U
7/20/2022	XX	GW607BFBA	UF	0.005 U	19	0.003 U	0.18	6	0.09	1.5	5.3	0.05 U

OW-608A												
4/4/2018	XX	GW608AA6G	UF	0.005	19	0.003 U	3.7	6.3	0.05 U	0.9	15	
6/4/2018	XX	GW608AA7D	UF	0.008	21	0.003 U	7.4	6.4	0.05	1	15	
7/18/2018	XX	GW608AAEB	UF	0.006	18		5	5.9	0.05 U	0.9	13	
8/20/2018	XX	GW608AAFC	UF	0.005 U	12		6	5.1	0.16	1.1	13	
7/15/2021	XX	GW608AE26	UF	0.005 U	17	0.003 U	0.53	5.8	0.05 U	0.9	13	0.05 U
10/6/2021	XX	GW608AE90	UF	0.005 U	10	0.003 U	2.5	4.7	0.08	1	12	0.05 U
7/20/2022	XX	GW608AFB1	UF	0.005 U	19	0.003 U	3.6	6.7	0.05	1.4	14	0.05 U

OW-608B												
2/10/2021	XX	GW608BD9G	UF	0.009	16	0.003 U	0.88	8.9	0.13	1.1	26	0.05 U
4/8/2021	XD	GWDP1XDA6	UF	0.007	16	0.003 U	0.27	8.7	0.11	1	26	0.05 U
4/8/2021	XX	GW608BDAF	UF	0.009	17	0.003 U	0.39	8.6	0.12	1	22	0.05 U
6/8/2021	XX	GW608BDGI	UF	0.009	17	0.003 U	0.05 U	8.9	0.24	1.1	33	0.05 U
8/17/2021	XD	GWDP1XE43	UF	0.006	16	0.003 U	0.05 U	8	0.18	1	29	0.05 U
8/17/2021	XX	GW608BE4C	UF	0.008	15	0.007	0.06	7.7	0.18	1	29	0.05 U
10/6/2021	XX	GW608BE91	UF	0.008	15	0.003 U	0.08	7.7	0.12	0.9	29	0.05 U
7/20/2022	XX	GW608BFBB	UF	0.0067	16	0.003 U	0.05 U	8.9	0.05 U	1.4	28	0.05 U

OW-609B												
2/10/2021	XX	GW609BD9H	UF	0.005 U	19	0.003 U	0.31	3	0.36	1.1	52	0.05 U
4/8/2021	XX	GW609BDAG	UF	0.005 U	24	0.003 U	0.71	2	0.51	1.5	23	0.05 U
4/8/2021	XX	GWXXXI6B		0.005 U	25	0.003 U	0.28	1.9	0.48	1.5	28	0.05 U
6/8/2021	XX	GW609BDGJ	UF	0.005	21	0.003 U	0.4	7.3	0.37	1.5	81	0.05 U
8/17/2021	XX	GW609BE4D	UF	0.007	19	0.004	0.37	7.9	0.29	1.4	68	0.05 U
10/7/2021	XX	GW609BE92	UF	0.008	24	0.003 U	0.55	7.2	0.25	1.4	58	0.05 U
7/18/2022	XX	GW609BFBC	UF	0.0077	17	0.003 U	0.49	7.9	0.09	1.3	42	0.05 U

OW-611A												
4/4/2018	XX	GW611AA6H	UF	0.005 U	56	0.003 U	0.05 U	5.8	0.05 U	1	15	
6/5/2018	XX	GW611AA7E	UF	0.007	54	0.003 U	0.17	5.5	0.05 U	0.9	12	
7/18/2018	XX	GW611AAEC	UF	0.005 U	55		0.3	5.3	0.05 U	1	13	
8/20/2018	XX	GW611AAFD	UF	0.005 U	52		0.65	5	0.05 U	0.9	12	
7/14/2021	XX	GW611AE27	UF	0.005 U	61	0.003 U	0.1	6.2	0.05 U	1.1	16	0.05 U

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Metals Parameters

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

(OW-611A)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
10/7/2021	XX	GW611AE93	UF	0.005 U	61	0.003 U	0.11	6.3	0.05 U	0.8	15	0.05 U				
7/20/2022	XX	GW611AFB2	UF	0.005 U	66	0.003 U	0.18	7.3	0.05 U	1.5	18	0.05 U				
P-04-02																
4/22/2013	XX	GWXXXX5II		!	!	!	!	!	!	!	!	!				
P-04-02R																
7/15/2015	XX	GWXXXX7DJ		0.007	17.5		1.52	4.3	0.08	1.7	32.7					
10/28/2015	XX	GWXXXX7J4		0.009	29.8		0.22	7.8	0.21	2	92					
4/6/2016	XX	GWXXXX87I		0.015	29.3		0.05 U	7.9	0.05 U	1.6	61.8					
7/27/2016	XX	GWXXXX8C7		0.016	37		0.05 U	9.4	0.05 U	2.4	112					
10/26/2016	XX	GWXXXX904		0.008	35		0.05 U	10.2	0.05 U	2.5	98.9					
4/19/2017	XX	GWXXXX98H	FILT	0.007	29		0.05 U	9.3	0.05 U	2.3	87					
4/19/2017	XX	GWXXXX98C		0.009	30		0.15	9.5	0.05 U	2.4	96					
7/26/2017	XX	GWXXXX9E8		0.008	30		0.05 U	8.4	0.05 U	2.3	78					
7/26/2017	XX	GWXXXX9EA	FILT	0.005 U	29		0.05 U	7.8	0.05 U	1.8	65					
10/25/2017	XX	GWXXXX9I3		0.007	32		0.07	8.6	0.05 U	2.1	73					
4/4/2018	XX	GWXXXXA44	UF	0.009	29		0.05 U	8.3	0.05 U	1.9	64					
4/4/2018	XX	GWXXXXA29	FILT	0.008	27		0.05 U	7.8	0.05 U	1.9	69					
7/18/2018	XX	GWXXXXAD5	FILT	0.005 U	27		0.05 U	7	0.05 U	1.6	45					
7/18/2018	XX	GWXXXXAD3	UF	0.006	28		0.05 U	7	0.05 U	1.8	56					
10/3/2018	XX	GWXXXXB21	UF	0.005	28		0.05 U	7.9	0.05 U	1.8	51					
4/22/2019	XX	GWXXXXB70	UF	0.007	27		0.05 U	7.5	0.05 U	1.9	50					
7/17/2019	XX	GWXXXXBDA	UF	0.008	22		0.05 U	7.3	0.05 U	2	61					
10/30/2019	XX	GWXXXXBJ2	UF	0.006	22		0.09	6.6	0.05 U	1.8	49					
4/29/2020	XX	GWXXXXCEA	UF	0.006	22		0.05 U	6	0.05 U	1.6	49					
7/22/2020	XX	GWXXXXCJ3	UF	0.006	22		0.05 U	6.8	0.05 U	1.7	47					
10/28/2020	XX	GWXXXXD46	UF	0.008	23		0.05 U	7.2	0.05 U	1.6	43					
4/7/2021	XX	GWXXXXDD9	UF	0.006	26		0.05 U	7.3	0.05 U	1.6	35					
7/12/2021	XX	GWXXXXE10	UF	0.005 U	23		0.05 U	6.3	0.05 U	1.6	34					
10/6/2021	XX	GWXXXXE77	UF	0.005	24		0.05 U	6.5	0.05 U	1.5	29					
4/26/2022	XX	GWXXXXF1I	UF	0.005 U	20		0.44	5.4	0.05 U	2.2	42					
7/19/2022	XX	GWXXXXF9I	UF	0.005 U	22		0.08	6.3	0.05 U	1.6	39					
10/4/2022	XX	GWXXXXFJH	UF	0.005 U	28		0.21	7.2	0.05 U	1.7	27					
P-04-04																
4/24/2013	XX	GWXXXX5UJ		0.011	21.7	0.003	0.05 U	5.3	0.05 U	1.4	4.1					
7/31/2013	XX	GWXXXX654		0.012	22		0.05 U	5.5	0.05 U	1.2	3.7					
10/30/2013	XX	GWXXXX67E		0.008	21.7		0.05 U	5.2	0.05 U	1.2	3.6					
4/23/2014	XX	GWXXXX6G0		0.012	21.7		0.05 U	5.2	0.05 U	1.4	4.1					
7/30/2014	XX	GWXXXX703		0.008	22.3		0.05 U	5.2	0.05 U	1.4	4.3					
10/22/2014	XX	GWXXXX73E		0.013	21.1		0.05 U	5	0.05 U	1.3	3.9					
4/29/2015	XX	GWXXXX79B		0.012	21.9		0.05 U	5.2	0.05 U	1.3	4.3					
7/15/2015	XX	GWXXXX7D3		0.014	20.4		0.05 U	4.9	0.05 U	1.3	3.9					
10/28/2015	XX	GWXXXX7IC		0.011	21.6		0.05 U	4.9	0.05 U	1.2	3.7					
4/6/2016	XX	GWXXXX872		0.009	21.5		0.05 U	4.9	0.05 U	1.3	3.8					
7/27/2016	XX	GWXXXX8BC		0.012	23.3		0.05 U	5.4	0.05 U	1.4	4.1					
10/26/2016	XX	GWXXXX8JB		0.009	21.7		0.05 U	5.7	0.05 U	1.4	4.4					
4/19/2017	XX	GWXXXX97H		0.01	20		0.05 U	5.5	0.05 U	1.4	4.2					
7/26/2017	XX	GWXXXX9DF		0.005	22		0.05 U	5.1	0.05 U	1.2	3.9					
10/25/2017	XX	GWXXXX9HA		0.011	23		0.05 U	5.5	0.05 U	1.2	4.3					

SUMMARY REPORT

Metals Parameters

(P-04-04)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
4/4/2018	XX	GWXXXXA39	UF	0.007	24		0.05 U	5.7	0.05 U	1.4	4.6					
7/18/2018	XX	GWXXXXACA	UF	0.005	24		0.05 U	5.2	0.05 U	1.3	4					
10/3/2018	XX	GWXXXXB18	UF	0.007	24		0.05 U	5.4	0.05 U	1.3	4.3					
4/22/2019	XX	GWXXXXB65	UF	0.005 U	24		0.05 U	5.8	0.05 U	1.4	4.4					
7/17/2019	XX	GWXXXXBCG	UF	0.007	21		0.05 U	5.9	0.05 U	1.5	4.9					
10/30/2019	XX	GWXXXXB19	UF	0.007	22		0.05 U	5.8	0.05 U	1.4	4.4					
4/29/2020	XX	GWXXXXCDG	UF	0.008	23		0.05 U	5.6	0.05 U	1.4	4.5					
7/22/2020	XX	GWXXXXC19	UF	0.005	21		0.05 U	6	0.05 U	1.3	4.6					
10/28/2020	XX	GWXXXXD3D	UF	0.007	24		0.05 U	6	0.05 U	1.3	4.6					
4/7/2021	XX	GWXXXXDCF	UF	0.005 U	26		0.05 U	6.5	0.05 U	1.4	4.6					
7/12/2021	XX	GWXXXXE07	UF	0.005 U	24		0.05 U	6	0.05 U	1.3	4.2					
10/6/2021	XX	GWXXXXE6F	UF	0.007	24		0.05 U	5.7	0.05 U	1.3	4.3					
4/26/2022	XX	GWXXXXF17	UF	0.005	26		0.05 U	6.1	0.05 U	2.1	5					
7/19/2022	XX	GWXXXXF95	UF	0.005	28		0.05 U	6.9	0.05 U	1.4	4.8					
10/4/2022	XX	GWXXXXFJ6	UF	0.005 U	27		0.05 U	6	0.05 U	1.3	4.3					
P-04-11A																
2/10/2021	XX	GWXXXXD9I	UF	0.015	12	0.003 U	0.62	2.9	0.05 U	0.8	12	0.05 U				
4/8/2021	XX	GWXXXXDAH	UF	0.013	13	0.003 U	0.05 U	2.9	0.05 U	0.7	9.4	0.05 U				
6/9/2021	XX	GWXXXXDH0	UF	0.012	13	0.003 U	0.05	2.9	0.05 U	0.9	12	0.05 U				
8/18/2021	XX	GWXXXXE4E	UF	0.011	10	0.003 U	0.05 U	2.3	0.05 U	0.9	11	0.05 U				
10/6/2021	XX	GWX11AE94	UF	0.013	13	0.003 U	0.05 U	2.5	0.05 U	0.8	13	0.05 U				
4/27/2022	XX	GWX11AF39	UF	0.011	13	0.003 U	0.08	2.8	0.05 U	1.3	12	0.05 U				
7/21/2022	XX	GWXXXXFBE	UF	0.005 U	12	0.0075	1.2	2.8	0.06	1.3	11	0.05 U				
P-04-11B																
2/10/2021	XX	GWXXXXD9J	UF	0.005 U	2.5	0.003 U	0.15	1	0.05 U	0.3	4.2	0.05 U				
4/8/2021	XX	GWXXXXDAI	UF	0.005 U	2.7	0.003 U	0.29	1.1	0.05 U	0.3	4	0.05 U				
6/9/2021	XX	GWXXXXDH1	UF	0.005 U	3	0.003 U	0.13	1.1	0.05 U	0.3	4.2	0.05 U				
8/18/2021	XX	GWXXXXE4F	UF	0.005 U	3.2	0.003 U	0.13	1.2	0.05 U	0.4	4	0.05 U				
10/6/2021	XX	GWX11BE95	UF	0.005 U	3.2	0.003 U	0.16	1.2	0.05 U	0.3	3.6	0.05 U				
4/27/2022	XX	GWX11BF3A	UF	0.005 U	3.2	0.003 U	0.17	1.2	0.05 U	0.87	5.8	0.05 U				
7/21/2022	XX	GWXXXXFBF		D	D	D	D	D	D	D	D	D				
P-206A																
7/31/2013	XX	GW206A64I		I	I		I	I	I	I	I					
10/28/2013	XX	GW206A67B		0.01	11.1		4.26	3.5	0.2	1.3	8.4					
4/21/2014	XX	GW206A6FJ		0.008	11.7		10.3	3.8	0.25	1.6	8.4					
7/28/2014	XX	GW206A702		0.008	13.2		16.8	4	0.31	1.3	7.6					
10/20/2014	XX	GW206A73B		0.009	11.9		4.6	3.2	0.15	0.9	7.3					
4/27/2015	XX	GW206A79A		0.009	11.8		1.44	3.1	0.1	1	7.3					
7/13/2015	XX	GW206A7D2		0.013	12.8		0.51	3.1	0.1	1	7.4					
10/26/2015	XX	GW206A71B		0.013	13		5.84	3.8	0.17	1	7.8					
4/4/2016	XX	GW206A871		0.009	13.9		0.26	3.5	0.08	0.9	7.2					
7/25/2016	XX	GW206A8BB		0.022	16.4		2.47	4.2	0.12	1	8.3					
10/24/2016	XX	GW206A8JA		0.009	19.5		0.21	5	0.1	1.2	9.1					
4/17/2017	XX	GW206A97G		0.01	19		1.6	5.2	0.11	1.2	9.1					
7/24/2017	XX	GW206A9DE		0.006	20		0.31	5.1	0.08	0.9	9.3					
10/23/2017	XX	GW206A9H9		0.007	22		0.46	5.6	0.08	1	9.1					
4/2/2018	XX	GW206AA38	UF	0.007	22		0.44	6	0.09	1.2	11					
7/16/2018	XX	GW206AAC9	UF	0.007	23		0.28	5.7	0.09	1.2	10					

SUMMARY REPORT
Metals Parameters

(P-206A)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
10/1/2018	XX	GW206AB17	UF	0.009	24		0.49	6.2	0.09	1.1	9.9					
4/22/2019	XX	GW206AB64	UF	0.007	23		0.72	6.2	0.09	1.2	9.2					
7/17/2019	XX	GW206ABCF	UF	0.006	19		0.22	6.1	0.07	1.3	9.7					
10/28/2019	XX	GW206ABI8	UF	0.005	20		0.8	5.4	0.07	1.1	7.6					
4/27/2020	XX	GW206ACDF	UF	0.006	24		0.62	6.5	0.08	1.2	9.1					
7/20/2020	XX	GW206ACI8	UF	0.005 U	23		0.24	6.5	0.08	1.3	9.3					
10/26/2020	XX	GW206AD3C		A	A		A	A	A	A	A					
4/5/2021	XX	GW206ADCE	UF	0.005 U	23		1.5	7.2	0.15	1.2	8.5					
7/14/2021	XX	GW206AE22	UF	0.005 U	22	0.003	0.19	7.4	0.05 U	0.9	6.7	0.05 U				
10/4/2021	XX	GW206AE6E	UF	0.005 U	26		0.1	8.2	0.05 U	0.8	6.8					
4/25/2022	XX	GW206AF16	UF	0.005 U	25		0.07	8.1	0.05 U	1.4	7					
7/18/2022	XX	GW206AFAH	UF	0.005 U	26	0.003 U	0.1	8.6	0.05 U	1.1	7.7	0.05 U				
10/3/2022	XX	GW206AFJ5	UF	0.005 U	27		0.08	8	0.05 U	0.98	7.4					
PWS10-1																
4/22/2013	XX	GWPWS15HC		0.011	30.9	0.003 U	1.35	9.3	0.09	1.8	10					
7/29/2013	XX	GWPWS163H		0.005 U	18.9		4.66	6.3	0.31	1.3	7.2					
10/28/2013	XX	GWPWS166A		0.005 U	9.5		1.56	3.4	0.09	0.7	5.6					
4/21/2014	XX	GWPWS16ED		0.015	30.3		6.52	12.7	0.19	1.1	8.4					
7/28/2014	XX	GWPWS16J0		0.005 U	27.2		4.06	7.4	0.26	2.1	8.1					
10/20/2014	XX	GWPWS172A		0.005 U	6.8		0.55	2.3	0.05 U	0.7	5.1					
4/27/2015	XX	GWPWS1788		0.019	30.8		1.33	8.4	0.06	1.2	8.5					
7/13/2015	XX	GWPWS17C0		0.011	20.2		7.27	5.8	0.31	1.8	6.3					
10/26/2015	XX	GWPWS17H9		0.01	8.7		1.18	2.7	0.07	0.5	4.7					
4/4/2016	XX	GWPWS185J		0.005 U	26.6		2.36	7.4	0.1	0.4	8.1					
7/25/2016	XX	GWPWS18A9		0.014	13.9		4.77	4.1	0.35	0.6	4.3					
10/24/2016	XX	GWPWS18I8		0.005	38.1		8.08	10.4	0.92	0.9	8.5					
4/17/2017	XX	GWPWS196E		0.007	10		0.34	3.1	0.06	0.7	6.6					
7/24/2017	XX	GWPWS19CC		0.005 U	35		1.7	9.3	0.5	0.8	8.9					
10/25/2017	XX	GWPWS19G7		0.011	20		5.8	6.3	0.31	0.8	7.2					
4/2/2018	XX	GWPWS1A25	UF	0.005 U	19		0.07	4.9	0.28	1.2	7.1					
7/16/2018	XX	GWPWS1AB7	UF	0.005	21		3.8	5.6	0.56	0.8	6.1					
10/1/2018	XX	GWPWS1B05	UF	0.005	15		1.3	4.1	0.1	0.6	5.7					
4/22/2019	XX	GWPWS1B51	UF	0.005 U	21		3.8	6.5	0.2	0.8	6.9					
7/15/2019	XX	GWPWS1BBE	UF	0.01	9.9		4.1	2.9	0.8	0.5	6.3					
10/28/2019	XX	GWPWS1BH7	UF	0.005 U	20		0.75	5.3	0.22	0.9	5.3					
4/27/2020	XX	GWPWS1CCE	UF	0.005 U	31		8.1	8.4	2.3	1.2	9.2					
7/20/2020	XX	GWPWS1CH7	UF	0.005	24		13	6.7	2.6	2.2	8					
10/26/2020	XX	GWPWS1D2B	UF	0.005 U	29		0.76	8.9	0.41	1.6	7.5					
4/5/2021	XX	GWPWS1DBD	UF	0.005 U	20		4.3	11	0.08	1.1	8.6					
7/12/2021	XX	GWPWS1DJ5	UF	0.005 U	10		1.4	2.7	0.42	1.2	2.8					
10/4/2021	XX	GWPWS1E5D	UF	0.005 U	33		5.3	9.5	1.3	2.1	8					
4/25/2022	XX	GWPWS1F05	UF	0.01 U	26		13	8.1	2	1.3	6.7					
7/18/2022	XX	GWPWS1F83	UF	0.005 U	9.8		2.2	3	0.35	1.5	7					
10/3/2022	XX	GWPWS1FI4	UF	0.005 U	25		3.2	7.3	1.3	1.6	7.5					
PWS10-2																
4/22/2013	XX	GWPWS25HD		0.005 U	9.2	0.003 U	2.34	3.1	0.05 U	0.3 U	4.4					
7/29/2013	XX	GWPWS263I		0.005 U	13.9		2.42	3.2	0.05 U	0.5	5.1					
10/28/2013	XX	GWPWS266B		0.005 U	8.9		6.07	1.9	0.44	0.8	3.2					

SUMMARY REPORT

Metals Parameters

(PWS10-2)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
Date	Type	Sample ID	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
4/21/2014	XX	GWPWS26EE		0.005	10.1		4.83	3.4	0.17	1.1	3.5					
7/28/2014	XX	GWPWS26J1		0.014	14.3		2.25	4	0.05 U	0.3 U	5.8					
10/20/2014	XX	GWPWS272B		0.012	13.2		2.16	3	0.16	0.6	5.5					
4/27/2015	XX	GWPWS2789		0.005 U	10.4		1.28	3.5	0.05	0.5	7.8					
7/13/2015	XX	GWPWS27C1		0.01	12.3		13.8	4.7	0.4	1	4.4					
10/26/2015	XX	GWPWS27HA		0.012	9.3		0.08	1.3	0.05 U	1.3	1.6					
4/4/2016	XX	GWPWS2860		0.005	11.3		0.99	2.7	0.07	0.8	3.5					
7/25/2016	XX	GWPWS28AA		0.015	13.1		1.23	3.5	0.06	0.3 U	3.6					
10/24/2016	XX	GWPWS28I9		0.007	15.4		6.51	4.7	0.3	1.6	3.4					
4/17/2017	XX	GWPWS296F		0.006	10		1.7	2.8	0.08	1	3.2					
7/24/2017	XX	GWPWS29CD		0.005 U	16		0.93	4.1	0.14	0.3 U	5.1					
10/24/2017	XX	GWPWS29G8		D	D		D	D	D	D	D					
4/2/2018	XX	GWPWS2A26	UF	0.005 U	8.9		1.3	1.6	0.07	1.1	2.3					
7/16/2018	XX	GWPWS2AB8	UF	0.005	15		1.6	3.7	0.26	0.4	4.6					
10/1/2018	XX	GWPWS2B06	UF	0.005 U	14		0.61	3.1	0.06	0.4	4.2					
4/22/2019	XX	GWPWS2B52	UF	0.005 U	8.7		0.05 U	1.2	0.05 U	1.3	4.8					
7/15/2019	XX	GWPWS2BBF	UF	0.005	9.7		2.7	2.6	0.28	0.8	5.4					
10/28/2019	XX	GWPWS2BH8	UF	0.005 U	9		0.45	1.2	0.94	1.1	2.9					
4/27/2020	XX	GWPWS2CCF	UF	0.005	29		2	3.9	0.61	1.9	7.6					
7/20/2020	XX	GWPWS2CH8	UF	0.005 U	13		0.95	2.9	0.09	1.7	7.5					
10/26/2020	XX	GWPWS2D2C	UF	0.005 U	15		1.6	2.6	0.28	1.8	4.6					
4/5/2021	XX	GWPWS2DBE	UF	0.005 U	9.2		0.82	1.4	0.07	0.8	4.4					
7/12/2021	XX	GWPWS2DJ6	UF	0.005 U	7.1		2.8	1.5	0.21	1.1	2.5					
10/4/2021	XX	GWPWS2ESE	UF	0.005 U	7.1		2.4	1.9	0.21	1.1	4.5					
4/25/2022	XX	GWPWS2F06	UF	0.005 U	7.4		0.26	1.9	0.05 U	2.4	8.3					
7/18/2022	XX	GWPWS2F84	UF	0.005 U	5.3		2.3	1.7	0.05	1.9	5.7					
10/3/2022	XX	GWPWS2F15	UF	0.005 U	9.4		2.1	2.1	0.32	1.5	3.4					
PWS10-3																
4/22/2013	XX	GWPWS35HE		0.005 U	4.9	0.003 U	1.42	1.8	0.05	0.4	3.9					
7/29/2013	XX	GWPWS363J		0.005	13.3		11.4	3.9	0.51	1.1	5.6					
10/28/2013	XX	GWPWS366C		0.006	6.2		1.53	2.3	0.09	0.5	4.5					
4/21/2014	XX	GWPWS36EF		0.007	9.9		9.29	4.5	0.35	1.4	5.4					
7/28/2014	XX	GWPWS36J2		0.005 U	7.5		5.45	2.2	0.22	0.7	5.3					
10/20/2014	XX	GWPWS372D		0.006	6.2		1.2	2.2	0.07	0.6	5.2					
4/27/2015	XX	GWPWS378A		0.005 U	4.8		1.78	1.7	0.08	0.6	2.6					
7/13/2015	XX	GWPWS37C2		0.007	8		2.44	2.2	0.11	0.3 U	3.8					
10/26/2015	XX	GWPWS37HB		0.01	8.1		1.57	2.6	0.15	0.3 U	4.2					
4/4/2016	XX	GWPWS3861		0.005 U	20.6		0.48	3.6	0.05 U	0.6	4.2					
7/25/2016	XX	GWPWS38AB		D	D		D	D	D	D	D					
10/24/2016	XX	GWPWS38IA		0.005 U	17.1		0.22	5	0.1	0.3 U	6					
4/17/2017	XX	GWPWS396G		0.005	6		1.5	2.1	0.34	0.9	3.5					
7/24/2017	XX	GWPWS39CE		0.006	15		5.2	4.2	0.39	2.6	6.4					
10/24/2017	XX	GWPWS39G9		D	D		D	D	D	D	D					
4/2/2018	XX	GWPWS3A27	UF	0.005	3.5		0.17	1.3	0.05 U	0.6	3.8					
7/16/2018	XX	GWPWS3AB9		D	D		D	D	D	D	D					
10/1/2018	XX	GWPWS3B07	UF	0.005 U	9.6		0.37	3	0.05 U	0.6	6					
4/22/2019	XX	GWPWS3B53	UF	0.005 U	4.3		0.34	1.6	0.05 U	1.1	8.6					
7/15/2019	XX	GWPWS3BBG	UF	0.01	6.6		5.9	2.3	0.34	0.3	5.8					
10/28/2019	XX	GWPWS3BH9	UF	0.005 U	3		0.7	0.7	0.21	0.6	0.5					

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
Metals Parameters

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

(PWS10-3)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
4/27/2020	XX	GWPWS3CCG	UF	0.005 U	6		0.3	1.7	0.05 U	0.7	1.9					
7/20/2020	XX	GWPWS3CH9	UF	0.007	13		13	3.5	2.8	0.4	3					
10/26/2020	XX	GWPWS3D2D	UF	0.005 U	9.3		2.8	3.1	1	0.7	4.1					
4/5/2021	XX	GWPWS3DBF	UF	0.005 U	11		3.9	4.3	0.45	0.3 U	4.2					
7/12/2021	XX	GWPWS3DJ7	UF	0.009	8.7		2.3	2.5	0.48	0.9	2.3					
10/4/2021	XX	GWPWS3ESF	UF	0.005	9.1		2.3	2.7	0.57	0.5	4.9					
4/25/2022	XX	GWPWS3F07	UF	0.005 U	9.3		0.45	3.3	0.14	2.1	5.6					
7/18/2022	XX	GWPWS3F85	UF	0.005 U	11		11	4	0.58	1.1	3.1					
10/3/2022	XX	GWPWS3F16	UF	0.005 U	9.6		4.9	2.8	0.2	0.67	2.8					
SW-1																
4/23/2013	XX	SWXX1X5H9		0.005 U	5.2	0.0003 U	0.24	1.9	0.05 U	1	6.3					
7/30/2013	XX	SWXX1X63E		0.005 U	9.6		2.92	3.2	0.12	0.4	3.6					
10/29/2013	XX	SWXX1X667		0.005 U	7.2		0.57	2.7	0.05 U	0.4	4.3					
4/22/2014	XX	SWXX1X6EA		0.005 U	14.8		0.74	3.8	0.06	1	8					
7/29/2014	XX	SWXX1X6IH		0.005 U	7.5		0.73	2.3	0.05 U	0.3	4.3					
10/21/2014	XX	SWXX1X727		0.007	7.9		0.86	2.6	0.05 U	0.6	5.5					
4/28/2015	XX	SWXX1X785		0.006	6.5		0.15	2.1	0.05 U	0.7	8.6					
7/14/2015	XX	SWXX1X7BH		0.005 U	9.2		1.24	2.6	0.19	0.3	4.4					
10/27/2015	XX	SWXX1X7H6		0.005 U	6.8		0.37	2.4	0.05 U	0.3	4.5					
4/5/2016	XX	SWXX1X85G		0.005 U	5.7		0.08	1.9	0.05 U	0.4	6.6					
7/26/2016	XX	SWXX1X8A6		0.012	22.6		8.95	6.9	0.41	1.1	6					
10/25/2016	XX	SWXX1X8I5		0.005 U	9.5		0.71	2.9	0.05 U	0.7	4.9					
4/18/2017	XX	SWXX1X96B		0.005 U	3.6		0.26	1.5	0.05 U	0.5	5.2					
7/25/2017	XX	SWXX1X9C9		0.007	29		3.1	8.4	0.41	1.1	7.9					
10/25/2017	XX	SWXX1X9G4		0.005 U	13		1.5	4	0.11	2.7	5.1					
4/3/2018	XX	SWXX1XA22	UF	0.005 U	15		0.08	4.8	0.05 U	1	7.8					
7/17/2018	XX	SWXX1XAB4	UF	0.01	28		9.8	7.1	0.73	0.9	6					
10/2/2018	XX	SWXX1XB02	UF	0.005 U	16		0.89	4.2	0.09	0.6	6					
4/23/2019	XX	SWXX1XB4I	UF	0.005 U	15		0.14	4.2	0.05 U	0.9	5					
7/16/2019	XX	SWXX1XBBB	UF	0.006	10		4.8	3.3	1.1	0.5	6.5					
10/29/2019	XX	SWXX1XBH4	UF	0.005 U	27		0.21	7.2	0.12	1.5	8					
4/28/2020	XX	SWXX1XCCB	UF	0.005 U	24		0.07	6.5	0.05 U	1.4	7.1					
7/21/2020	XX	SWXX1XCH4	UF	0.005 U	14		4.3	4.8	1.1	2.8	8.1					
10/27/2020	XX	SWXX1XD28	UF	0.005 U	27		2.3	9.4	1.8	3.8	9.8					
4/6/2021	XX	SWXX1XDBA	UF	0.005 U	24		0.12	6.7	0.2	1.2	5.7					
7/13/2021	XX	SWXX1XDJ2	UF	0.005 U	9.5		2.1	2.6	0.37	0.9	2.9					
10/5/2021	XX	SWXX1XE5A	UF	0.005 U	45		1.2	11	0.82	2.2	9.1					
4/26/2022	XX	SWXX1XF02	UF	0.005 U	24		0.13	6.4	0.05	1.6	6.5					
7/19/2022	XX	SWXX1XF80	UF	0.005 U	13		5	3.6	0.9	1.8	6.9					
10/4/2022	XX	SWXX1XF11	UF	0.005 U	26		2.5	7.3	1.2	1.7	7.3					
SW-2																
4/23/2013	XX	SWXX2X5HA		0.005 U	4.2	0.0003 U	0.2	1.8	0.05 U	1.2	6.7					
4/23/2013	XD	SWDP2X5HF		0.005	4.1	0.0003 U	0.16	1.8	0.05 U	1.1	6.4					
7/30/2013	XX	SWXX2X63F		0.005 U	6.6		1.1	2.3	0.05	0.3 U	3.2					
10/29/2013	XX	SWXX2X668		0.005 U	5.3		0.32	2.2	0.05 U	0.3	4.2					
10/29/2013	XD	SWDP2X66D		0.005 U	5		0.32	2.1	0.05 U	0.3	3.8					
4/22/2014	XX	SWXX2X6EB		0.005 U	4.7		0.24	1.8	0.05 U	0.8	5.5					
4/22/2014	XD	SWDP2X6EG		0.005 U	4.5		0.24	1.8	0.05 U	0.8	5.5					

SUMMARY REPORT

Metals Parameters

(SW-2)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
7/29/2014	XX	SWXX2X6II		0.005 U	5.9		1.52	2	0.12	0.3 U	4.2					
10/21/2014	XX	SWXX2X728		0.005 U	6.3		0.5	2.2	0.05 U	0.6	5.3					
10/21/2014	XD	SWDP2X72E		0.005 U	6.3		0.5	2.3	0.05 U	0.5	5.6					
4/28/2015	XX	SWXX2X786		0.005 U	4.4		0.17	1.7	0.05 U	0.6	8.1					
4/28/2015	XD	SWDP2X78B		0.005 U	4.4		0.17	1.7	0.05 U	0.6	8.1					
7/14/2015	XX	SWXX2X7BI		0.005 U	7.1		0.89	2.2	0.19	0.4	4.1					
10/27/2015	XX	SWXX2X7H7		0.005 U	4.8		0.21	1.8	0.05 U	0.3 U	4.1					
10/27/2015	XD	SWDP2X7HC		0.005 U	4.8		0.21	1.9	0.05 U	0.3 U	4.6					
4/5/2016	XD	SWDP2X862		0.005 U	4.5		0.07	1.8	0.05 U	0.4	6.7					
4/5/2016	XX	SWXX2X85H		0.005 U	4.6		0.07	1.8	0.05 U	0.4	6.9					
7/26/2016	XX	SWXX2X8A7		0.011	9.1		1.41	2.8	0.12	0.3 U	3					
10/25/2016	XD	SWDP2X8IB		0.005 U	9		0.69	2.8	0.05 U	0.7	4.9					
10/25/2016	XX	SWXX2X8I6		0.005 U	8.6		0.65	2.7	0.05 U	0.7	4.7					
4/18/2017	XD	SWDP2X96H		0.007	3.4		0.25	1.4	0.05 U	0.5	5.5					
4/18/2017	XX	SWXX2X96C		0.005	3.3		0.26	1.4	0.05 U	0.5	5.3					
7/25/2017	XX	SWXX2X9CA		0.005 U	11		2.5	3.3	0.35	0.5	5.1					
10/25/2017	XD	SWDP2X9GA		0.005	7.9		1.1	2.6	0.11	1.8	6					
10/25/2017	XX	SWXX2X9G5		0.005 U	7.8		1.1	2.6	0.11	1.7	5.8					
4/3/2018	XD	SWDP2XA28	UF	0.005 U	2.5		0.25	1	0.05 U	0.4	3.5					
4/3/2018	XX	SWXX2XA23	UF	0.005 U	2.4		0.25	1	0.05 U	0.4	3.7					
7/17/2018	XX	SWXX2XAB5	UF	0.006	10		3.1	2.9	0.34	0.4	4					
10/2/2018	XD	SWDP2XB08	UF	0.005 U	9		0.65	3.3	0.05 U	0.6	6.3					
10/2/2018	XX	SWXX2XB03	UF	0.005 U	9.2		1	3.3	0.05 U	0.6	6.3					
4/23/2019	XD	SWDP2XB54	UF	0.005 U	4.5		0.5	1.8	0.05 U	1.4	8.7					
4/23/2019	XX	SWXX2XB4J	UF	0.005 U	4.8		0.48	1.8	0.05 U	1.4	8.4					
7/16/2019	XD	SWDP2XBBH	UF	0.005	6.1		1.7	2.4	0.29	0.3	7.9					
7/16/2019	XX	SWXX2XBBC	UF	0.005 U	5.9		1.7	2.3	0.33	0.3 U	7.5					
10/29/2019	XD	SWDP2XBBA	UF	0.005 U	4.8		0.28	1.9	0.05 U	0.3 U	4.5					
10/29/2019	XX	SWXX2XBH5	UF	0.005 U	4.9		0.29	1.9	0.05 U	0.3 U	4.6					
4/28/2020	XD	SWDP2XCCH	UF	0.005 U	4.7		0.14	2	0.05 U	0.3	5.4					
4/28/2020	XX	SWXX2XCCE	UF	0.005 U	4.7		0.11	1.9	0.05 U	0.3	5.2					
7/21/2020	XD	SWDP2XCHA	UF	0.005 U	6.8		1.1	2.6	0.05	0.5	5.5					
7/21/2020	XX	SWXX2XCH5	UF	0.005 U	7.3		1.2	2.7	0.08	0.5	5.4					
10/27/2020	XD	SWDP2XD2E	UF	0.005 U	6.5		0.56	2.5	0.05 U	0.5	5.3					
10/27/2020	XX	SWXX2XD29	UF	0.005 U	6.6		0.54	2.6	0.05 U	0.4	5.4					
4/6/2021	XD	SWDP2XDBG	UF	0.005 U	4.5		0.21	1.8	0.05 U	0.6	5.5					
4/6/2021	XX	SWXX2XDBB	UF	0.005 U	4.6		0.23	1.8	0.05 U	0.6	5.6					
7/13/2021	XD	SWDP2XDJ8	UF	0.005 U	6.9		1.7	2.2	0.18	0.8	3.5					
7/13/2021	XX	SWXX2XDJ3	UF	0.005	7.7		1.8	2.5	0.2	0.9	4					
10/5/2021	XD	SWDP2XE5G	UF	0.007	6.1		0.48	2	0.05 U	0.3 U	4.7					
10/5/2021	XX	SWXX2XE5B	UF	0.005 U	5.8		0.5	1.9	0.05 U	0.3 U	4.6					
4/26/2022	XD	SWDP2XF08	UF	0.005 U	5.1		0.21	2.1	0.05 U	1.4	6.6					
4/26/2022	XX	SWXX2XF03	UF	0.005 U	5.2		0.2	2.1	0.05 U	1.2	6.1					
7/19/2022	XD	SWDP2XF86	UF	0.005 U	6.2		0.57	2.2	0.05 U	0.3 U	4.9					
7/19/2022	XX	SWXX2XF81	UF	0.005 U	6.3		0.58	2.3	0.05 U	0.3 U	5.1					
10/4/2022	XD	SWDP2XF17	UF	0.005 U	7.2		0.65	2.3	0.05 U	0.3 U	4.2					
10/4/2022	XX	SWXX2XF12	UF	0.005 U	6.8		0.62	2.2	0.05 U	0.3 U	4.2					
SW-3																
4/23/2013	XX	SWXX3X5HB		0.005 U	4.8	0.0003 U	0.17	1.6	0.05 U	0.7	4.7					

SUMMARY REPORT

Metals Parameters

(SW-3)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
7/30/2013	XX	SWXX3X63G		0.005 U	8.4		0.8	2.2	0.07	0.3 U	3.1					
7/30/2013	XD	SWDP2X640		0.005 U	8.6		0.79	2.2	0.07	0.3 U	3.1					
10/29/2013	XX	SWXX3X669		0.005 U	7.5		0.46	2.6	0.05	0.5	4.5					
4/22/2014	XX	SWXX3X6EC		0.005 U	4.4		0.19	1.3	0.05 U	0.6	4.9					
7/29/2014	XX	SWXX3X6IJ		0.005 U	7.7		0.49	1.9	0.05 U	0.6	3.4					
7/29/2014	XD	SWDP2X6J3		0.005 U	8.3		0.52	2	0.05 U	0.6	3.8					
10/21/2014	XX	SWXX3X729		0.005 U	8		0.46	2.2	0.05 U	0.9	4.7					
4/28/2015	XX	SWXX3X787		0.005	5		0.19	1.5	0.05 U	0.5	6.8					
7/14/2015	XX	SWXX3X7BJ		0.005 U	8.1		0.84	2.2	0.43	0.5	4.3					
7/14/2015	XD	SWDP2X7C3		0.005 U	8.2		0.91	2.2	0.45	0.4	4.3					
10/27/2015	XX	SWXX3X7H8		0.005 U	6.2		0.21	1.9	0.05 U	0.4	4					
4/5/2016	XX	SWXX3X85I		0.005 U	5.5		0.21	1.6	0.05 U	0.4	5.6					
7/26/2016	XD	SWDP2X8AC		0.005	11.2		1.05	2.7	0.44	0.3 U	4					
7/26/2016	XX	SWXX3X8A8		0.005 U	11.2		1.06	2.8	0.44	0.3 U	4.2					
10/25/2016	XX	SWXX3X8I7		0.005 U	10.4		0.6	2.3	0.09	1	4.1					
4/18/2017	XX	SWXX3X96D		0.006	3.4		0.2	1.1	0.05 U	0.4	4.2					
7/25/2017	XD	SWDP2X9CF		0.005 U	12		1.5	3.3	0.81	0.3 U	6.9					
7/25/2017	XX	SWXX3X9CB		0.005 U	12		1.2	3.1	0.63	0.3 U	6.7					
10/25/2017	XX	SWXX3X9G6		0.008	9.7		0.6	2.4	0.28	2.4	11					
4/3/2018	XX	SWXX3XA24	UF	0.005	3.8		0.19	1.4	0.05 U	0.4	7.2					
7/17/2018	XD	SWDP2XABA	UF	0.007	13		3.3	2.7	1.2	0.5	7.3					
7/17/2018	XX	SWXX3XAB6	UF	0.005	12		2.7	2.6	1	0.4	6.2					
10/2/2018	XX	SWXX3XB04	UF	0.005 U	11		0.28	2.3	0.05 U	0.6	4					
4/23/2019	XX	SWXX3XB50	UF	0.005 U	4.4		0.3	1.2	0.05 U	0.8	6.1					
7/16/2019	XX	SWXX3XBB0	UF	0.005 U	8.3		2.1	2.2	0.51	1.1	4.8					
10/29/2019	XX	SWXX3XBH6	UF	0.005 U	4.8		0.46	1.3	0.05 U	0.4	3.1					
4/28/2020	XX	SWXX3XC00	UF	0.005 U	4.3		0.3	1.2	0.06	0.5	6.4					
7/21/2020	XX	SWXX3XCH6	UF	0.005 U	8.6		1.4	2.6	0.48	1	7.2					
10/27/2020	XX	SWXX3XD2A	UF	0.005 U	7.4		0.53	2.1	0.06	1.2	5					
4/6/2021	XX	SWXX3XD0C	UF	0.005 U	3.4		0.3	1	0.05 U	0.5	4.2					
7/13/2021	XX	SWXX3XDJ4	UF	0.005 U	7.2		1.4	1.8	0.08	1.1	3.7					
10/5/2021	XX	SWXX3XE5C	UF	0.005	6.8		1.5	1.7	0.09	0.9	3.6					
4/26/2022	XX	SWXX3XF04	UF	0.005 U	5		0.3	1.4	0.05 U	2.2	8.3					
7/19/2022	XX	SWXX3XF82	UF	0.005 U	9		1.8	2.2	0.28	0.83	12					
10/4/2022	XX	SWXX3XF13	UF	0.005 U	9.4		0.52	2.3	0.05 U	1.5	4.5					
SW-DP1																
4/23/2013	XX	SWDP1X5HH		0.005	27.8	0.0003 U	0.42	3.4	0.13	2.7	4.9					
7/30/2013	XX	SWDP1X642		0.007	11		0.27	1.1	0.1	0.9	1.4					
10/29/2013	XX	SWDP1X66F		0.005	24.2		0.24	3.6	0.21	1.8	3.5					
4/22/2014	XX	SWDP1X6EI		0.006	10.8		0.31	1.5	0.05 U	1.2	1.8					
7/29/2014	XX	SWDP1X6J5		0.005 U	6.7		0.29	0.7	0.05	0.6	0.8					
10/21/2014	XX	SWDP1X72G		0.005	8		0.1	0.8	0.05 U	0.8	1					
4/28/2015	XX	SWDP1X78D		0.008	13		0.23	1.4	0.08	1.1	3.2					
7/14/2015	XX	SWDP1X7C5		0.005	14.4		0.23	1.7	0.08	0.3 U	1.7					
10/27/2015	XX	SWDP1X7HE		0.005 U	8.4		0.12	1.1	0.05 U	1.3	1.6					
4/5/2016	XX	SWDP1X864		0.005 U	12		0.53	1.7	0.05	1.2	2.4					
7/26/2016	XX	SWDP1X8AE		0.013	17.1		0.29	2	0.08	1.4	2.1					
10/25/2016	XX	SWDP1X8ID		0.005 U	11.6		0.7	1.1	0.06	1.3	1.3					
4/18/2017	XX	SWDP1X96J		0.005	8.5		0.35	1.7	0.06	1	1.8					

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Metals Parameters

(SW-DP1)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
7/25/2017	XX	SWDP1X9CH		0.005 U	19		1	3.7	0.17	0.8	3.4					
10/23/2017	XX	SWDP1X9GC		0.005	15		0.48	2.6	0.09	1.9	2.4					
4/3/2018	XX	SWDP1XA2B	UF	0.005 U	3.8		0.17	0.4	0.05 U	0.6	0.8					
7/17/2018	XX	SWDP1XABC	UF	0.007	13		0.9	1.6	0.08	0.3 U	0.8					
10/2/2018	XX	SWDP1XB0A	UF	0.005 U	10		0.41	1.1	0.05	1.6	1.1					
4/23/2019	XX	SWDP1XB57	UF	0.005 U	14		0.28	1.1	0.06	1.1	1.6					
7/16/2019	XX	SWDP1XBBJ	UF	0.005	12		0.29	1.1	0.05	0.4	1.2					
10/29/2019	XX	SWDP1XBHC	UF	0.005 U	15		1.4	1.7	0.14	2.1	1.6					
4/28/2020	XX	SWDP1XCCJ	UF	0.005 U	24		0.39	4	0.11	12	27					
7/21/2020	XX	SWDP1XCHC	UF	0.005 U	31		0.78	3.4	0.69	2.9	8.8					
10/27/2020	XX	SWDP1XD2G	UF	0.005 U	23		1.5	2.2	0.32	5.3	3.2					
4/6/2021	XX	SWDP1XDBI	UF	0.005	9.9		3.5	1.7	0.15	1.3	1.4					
7/13/2021	XX	SWDP1XDJA	UF	0.008	13		6.4	2.3	0.36	2.6	1.8					
10/5/2021	XX	SWDP1XE5I	UF	0.005 U	15		0.88	1.5	0.13	1.6	1.3					
4/26/2022	XX	SWDP1XF0A	UF	0.005 U	21		1.1	1.7	0.21	2	3.9					
7/19/2022	XX	SWDP1XF88	UF	0.005	31		1.8	2.7	0.48	3.6	4.5					
10/4/2022	XX	SWDP1XF19	UF	0.005 U	27		0.88	2.5	0.1	2.6	2.5					
SW-DP5																
4/23/2013	XX	SWDP5X60I		0.005 U	22.4	0.0003 U	0.32	1.8	0.06	1.9	4.7					
7/30/2013	XX	SWDP5X65H		0.006	14.4		0.33	0.8	0.05 U	1	1.9					
10/29/2013	XX	SWDP5X68E		D	D		D	D	D	D	D					
4/22/2014	XX	SWDP5X6GD		0.005 U	19.7		1.34	1.6	0.17	2.2	5.4					
7/29/2014	XX	SWDP5X70F		0.006	14.2		0.4	0.8	0.09	1.6	1.9					
10/21/2014	XX	SWDP5X743		0.01	18.4		0.27	0.8	0.05 U	1.3	1.5					
4/28/2015	XX	SWDP5X7A3		0.007	24.1		0.23	1.3	0.09	1.9	8.6					
7/14/2015	XX	SWDP5X7DF		0.005 U	22.6		0.38	1.2	0.22	2.2	3.2					
10/27/2015	XX	SWDP5X7J2		D	D		D	D	D	D	D					
7/26/2016	XX	SWDP5X8C4		D	D		D	D	D	D	D					
10/25/2016	XX	SWDP5X902		I	I		I	I	I	I	I					
4/18/2017	XX	SWDP5X989		D	D		D	D	D	D	D					
7/25/2017	XX	SWDP5X9E6		0.005 U	29		0.32	1.8	0.16	2.6	2.4					
10/24/2017	XX	SWDP5X9I1		D	D		D	D	D	D	D					
4/3/2018	XX	SWDP5XA41	UF	0.005 U	5.3		0.23	0.5	0.05 U	0.7	1.3					
7/17/2018	XX	SWDP5XAD1		D	D		D	D	D	D	D					
10/2/2018	XX	SWDP5XB1J		D	D		D	D	D	D	D					
4/23/2019	XX	SWDP5XB6H	UF	0.005 U	19		1.7	1.4	0.15	1.3	2.9					
7/16/2019	XX	SWDP5XBD8	UF	0.005 U	14		0.23	0.9	0.13	1.4	1.5					
10/29/2019	XX	SWDP5XBJ0	UF	0.005 U	16		1.1	1	0.25	1.3	1.2					
4/28/2020	XX	SWDP5XCE8	UF	0.005 U	22		0.49	1.2	0.17	1.4	3.7					
7/21/2020	XX	SWDP5XCJ1	UF	0.005 U	22		0.62	1.4	0.27	1.8	2.2					
10/27/2020	XX	SWDP5XD47	UF	0.005 U	13		1.2	1	0.19	1.5	1.5					
4/6/2021	XX	SWDP5XDD1	UF	0.005 U	9.4		5.2	1.8	0.36	1.5	2.6					
7/13/2021	XX	SWDP5XE0J	UF	0.008	12		3.5	1.5	0.52	1.1	0.9					
10/5/2021	XX	SWDP5XE75	UF	0.008	10		0.84	1	0.05 U	0.6	1.2					
4/26/2022	XX	SWDP5XF1H	UF	0.005 U	29		0.93	2.6	0.17	3.5	9.7					
7/19/2022	XX	SWDP5XF9H		D	D		D	D	D	D	D					
10/4/2022	XX	SWDP5XFJG		D	D		D	D	D	D	D					
SW-DP6																

SUMMARY REPORT

Metals Parameters

(SW-DP6)			Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron				
			-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L				
Date	Type	Sample ID														
4/23/2013	XX	SWDP6X5HI		0.005 U	5.6	0.0003 U	1.39	1.3	0.05	1.6	3					
7/30/2013	XX	SWDP6X643		0.005 U	10.2		0.31	1.4	0.05	1.1	1.8					
10/29/2013	XX	SWDP6X66G		0.005 U	10.6		0.23	1.6	0.05 U	1.1	1.9					
4/22/2014	XX	SWDP6X6EJ		0.005 U	10.4		0.99	1.1	0.24	1.3	5.4					
7/29/2014	XX	SWDP6X6J6		0.005 U	7.7		1.29	1	0.05 U	1	2.6					
10/21/2014	XX	SWDP6X72H		0.005 U	9.6		0.36	1.1	0.05 U	1	2					
4/28/2015	XX	SWDP6X78E		0.006	11.1		0.7	1.1	0.05 U	1.5	2.8					
7/14/2015	XX	SWDP6X7C6		0.005 U	12.4		2.46	2.4	0.46	2.3	2.7					
10/27/2015	XX	SWDP6X7HF		0.005 U	8.4		0.19	1.4	0.05 U	1.3	1.5					
4/5/2016	XX	SWDP6X865		0.005 U	8.2		0.57	1	0.05 U	1.1	2.8					
7/26/2016	XX	SWDP6X8AF		0.009	18.5		0.6	1.7	0.08	1.6	2					
10/25/2016	XX	SWDP6X8IE		0.005 U	14.6		1.85	1.5	0.09	1.9	1.6					
4/18/2017	XX	SWDP6X970		0.005 U	5.3		0.64	0.8	0.11	1	3.5					
7/25/2017	XX	SWDP6X9CI		0.005 U	8.5		1.4	1.5	0.05 U	0.7	5.1					
10/23/2017	XX	SWDP6X9GD		0.005 U	10		0.26	1.4	0.05 U	1.3	4.3					
4/3/2018	XX	SWDP6XA2C	UF	0.005 U	7.9		0.47	1.1	0.16	0.9	2.2					
7/17/2018	XX	SWDP6XABD	UF	0.005	15		0.5	1.5	0.1	1.3	4.3					
10/2/2018	XX	SWDP6XB0B	UF	0.005 U	16		0.23	1.7	0.05 U	1.5	3.5					
4/23/2019	XX	SWDP6XB58	UF	0.005	8.1		1.3	1.2	0.1	1.6	3.5					
7/16/2019	XX	SWDP6XBC0	UF	0.005	6.6		1.6	1.1	0.05 U	1.5	2.8					
10/29/2019	XX	SWDP6XBHD	UF	0.005 U	4.6		0.38	0.7	0.05 U	0.9	1.3					
4/28/2020	XX	SWDP6XCD0	UF	0.005 U	4.6		0.4	0.7	0.05 U	0.8	2.6					
7/21/2020	XX	SWDP6XCHD	UF	0.005 U	7.8		0.73	1.1	0.2	1.4	2.4					
10/27/2020	XX	SWDP6XD2H	UF	0.005 U	10		0.9	1.4	0.09	1.9	1.6					
4/6/2021	XX	SWDP6XDBJ	UF	0.005 U	3.9		0.89	0.7	0.05 U	1.1	1.3					
7/13/2021	XX	SWDP6XDJB	UF	0.005 U	4.5		1.6	0.9	0.19	1.7	1.1					
10/5/2021	XX	SWDP6XE5J	UF	0.005 U	7.1		0.55	1	0.05 U	2.2	3.3					
4/26/2022	XX	SWDP6XF0B	UF	0.005 U	3.8		0.49	0.7	0.05 U	1.7	2.3					
7/19/2022	XX	SWDP6XF89	UF	0.005 U	6.8		2.3	1.5	0.35	1.9	1.3					
10/4/2022	XX	SWDP6XFIA	UF	0.005 U	6.6		2.1	1.1	0.09	1.5	1.3					
OFFICE WELL																
4/6/2016	XX	DWOFFX87J		0.005 U	38		0.05 U	4.7	0.05 U	0.6	8.3					
4/19/2017	XX	DWOFFX98D		0.005 U	37		0.05 U	5.4	0.05 U	0.9	10					
4/4/2018	XX	DWOFFXA45	UF	0.005 U	51		0.05 U	6.2	0.05 U	0.9	13					
4/22/2019	XX	DWOFFXB71	UF	0.005 U	50		0.05 U	5.6	0.05 U	0.9	14					
7/15/2019	XX	DWOFFXBDB	UF	0.005 U	43		0.05 U	5.3	0.05 U	0.7	13					
SCALE HOUSE WELL																
4/6/2016	XX	DWSCLX880		0.005 U	69.8		0.22	8.7	0.05 U	1.3	18.8					
4/19/2017	XX	DWSCLX98E		0.005 U	64		0.05 U	9.6	0.05 U	1.5	23					
4/4/2018	XX	DWSCLXA46	UF	0.005	64		0.05	8.5	0.05 U	1.3	20					
4/22/2019	XX	DWSCLXB72	UF	0.005 U	59		0.09	8.2	0.05 U	1.4	25					
7/15/2019	XX	DWSCLXBDC	UF	0.005 U	64		0.05 U	8.8	0.05 U	1.5	26					

REPORT PREPARED: 4/10/2023 07:18 FOR: Juniper Ridge Landfill		SUMMARY REPORT Metals Parameters						Page 34 of 34 SEVEE & MAHER ENGINEERS, INC. 4 BLANCHARD ROAD CUMBERLAND CENTER, ME 04021		
(SCALE HOUSE WELL)	Filtration	Arsenic	Calcium	Copper	Iron	Magnesium	Manganese	Potassium	Sodium	Boron
	-	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Date	Type	Sample ID								

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- A - The sampling location was inaccessible.
- D - The sampling location was dry.
- DE - Decommissioned Location
- F - The sampling location was frozen.
- F12 - Pipe under water, no sample taken.
- F16 - Could not pump water to surface for testing/sampling
- F6 - No flow. Sample not taken.
- H8 - No flow from pipe. See LF-COMP for readings
- I - The sampling location yielded insufficient quantity to collect a sample.
- U - Not Detected above the laboratory reporting limit.

Sample collection notes:

- FILT - One or more analytical parameters were field filtered.
- UF - No analytical parameters were field filtered.

Date	Type	Sample ID	Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethene	1,1-Dichloroethane	trans-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
			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																	
4/24/2013	XX	GWXXXX5IH	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

LF-COMP																	
4/6/2021	XX	LFCOMP6G6	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

LF-UD-1																	
4/23/2013	XX	LFUD1X5I6	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2014	XX	LFUD1X6F7	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/28/2015	XX	LFUD1X792	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	LFUD1X86D	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/18/2017	XX	LFUD1X978	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	2 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	LFUD1XA30	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	LFUD1XB5G	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	LFUD1XCD8	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD1XDC7	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFUD1XF0J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-2																	
4/23/2013	XX	LFUD2X5I7	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2014	XX	LFUD2X6F8	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/28/2015	XX	LFUD2X793	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	LFUD2X86E	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/18/2017	XX	LFUD2X979	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	LFUD2XA31	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	LFUD2XB5H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD2XCD9	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/6/2021	XX	LFUD2XDC8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFUD2XF10	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-3A,B																	
4/23/2013	XX	LFXXX5J5	F6														
4/22/2014	XX	LFXXX6G6	F6														
4/28/2015	XX	LFXXX79G	F6														
4/5/2016	XX	LFXXX877	F6														
4/18/2017	XX	LFXXX982	F6														
4/3/2018	XX	LFXXXA3E	F6														
4/23/2019	XX	LFXXXB6A	F6														
4/28/2020	XX	LFXXXCE1	F6														
4/6/2021	XX	LFXXXDD0	H8														
4/26/2022	XX	LFXXXF1B	F6														

LF-UD-4																	
4/23/2013	XX	LFXXX5J6	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2014	XX	LFXXX6G7	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/28/2015	XX	LFXXX79H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LFXXX878	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFXXX983	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	LFXXXA3F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFXXXB6B	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFXXXCE2	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

(LF-UD-4)			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
			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
Date	Type	Sample ID															
4/6/2021	XX	LFXXXDD1	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFXXXF1C	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
LF-UD-5and6																	
4/23/2013	XX	LFXXX5J7	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2014	XX	LFXXX6G8	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/28/2015	XX	LFXXX79I	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	LFXXX879	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/18/2017	XX	LFXXX984	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	LFXXXA3G	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	LFXXXB6C	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	LFXXXCE3	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/6/2021	XX	LFXXXDD2	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/26/2022	XX	LFXXXF1D	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
LF-UD-6																	
4/23/2013	XX	LFUD6X5J9	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2014	XX	LFUD6X6GA	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/28/2015	XX	LFUD6X7A0	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	LFUD6X87B	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/18/2017	XX	LFUD6X986	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	LFUD6XA3I	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	LFUD6XB6E	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	LFUD6XCE5	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/6/2021	XX	LFUD6XDD4	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/26/2022	XX	LFUD6XF1E	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-7																	
4/23/2013	XX	LFUD7X5JA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/22/2014	XX	LFUD7X6GB	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2015	XX	LFUD7X7A1	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LFUD7X87C	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD7X987	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/3/2018	XX	LFUD7XA3J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFUD7XB6F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD7XCE6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD7XDD5	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFUD7XF1F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-8																	
4/23/2013	XX	LFUD8X5JD	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2014	XX	LFUD8X6GC	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12
4/28/2015	XX	LFUD8X7A2	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	LFUD8X87D	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD8X988	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	LFUD8XA40	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	LFUD8XB6G	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	LFUD8XCE7	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD8XDD6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LFUD8XF1G	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

(LF-UD-9)	Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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

LF-UD-9															
4/5/2016	XX	LFUD9X881	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD9X98F	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	10 U	1 U
4/3/2018	XX	LFUD9XA47	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFUD9XB73	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD9XCED	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD9XDDA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LFUD9XF1J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-10															
4/3/2018	XX	LFXXXXA48	F6												
4/23/2019	XX	LFXXXXB74	F6												
4/28/2020	XX	LFXXXXCEE	F6												
4/6/2021	XX	LFXXXXDB	F6												
4/26/2022	XX	LFXXXXF23	F6												

LP-UD-1															
4/23/2013	XX	LPUD1X5I8	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/22/2014	XX	LPUD1X6F9	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2015	XX	LPUD1X794	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LPUD1X86F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LPUD1X97A	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/3/2018	XX	LPUD1XA32	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LPUD1XB5I	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	10 U	1 U
4/28/2020	XX	LPUD1XCDA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LPUD1XDC9	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LPUD1XF11	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LP-UD-2															
4/23/2013	XX	LPUD2X5I9	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U
4/22/2014	XX	LPUD2X6FA	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	10 U	2 U
4/28/2015	XX	LPUD2X795	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	10 U	2 U
4/5/2016	XX	LPUD2X86G	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	10 U	2 U
4/18/2017	XX	LPUD2X97B	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	10 U	1 U
4/3/2018	XX	LPUD2XA33	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	10 U	1 U
4/23/2019	XX	LPUD2XB5J	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	10 U	1 U
4/28/2020	XX	LPUD2XCDB	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	10 U	1 U
4/6/2021	XX	LPUD2XDCA	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	10 U	1 U
4/26/2022	XX	LPUD2XF12	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	10 U	1 U

MW-04-09A																
2/26/2020	XX	GWX09AC56	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U
4/30/2020	XX	GWX09ACC1	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U
6/23/2020	XX	GWX09ACGC	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U
8/20/2020	XX	GWX09AD1J	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U

MW-04-09B																
2/26/2020	XX	GWX09BC57	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U
4/30/2020	XX	GWX09BCC2	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U

MW06-01															
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(MW06-01)			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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
4/10/2018	XD	GWDP1XA68	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/10/2018	XX	GWXXXXA70	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/4/2018	XX	GWXXXXA7H	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

MW-08-01																		
2/9/2021	XX	GWXXXXA0	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/7/2021	XX	GWXXXXAJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/9/2021	XX	GWXXXXDH2	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/19/2021	XX	GWXXXXE4G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	

MW-204																		
4/24/2013	XX	GW204X5ID	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	

MW-303 & MW12-303R																		
6/18/2015	XX	42173-1	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	

MW-401B																		
4/22/2013	XX	GW401B5I2	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/22/2013	XD	GWDP4X5I5	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/21/2014	XX	GW401B6F3	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	
4/21/2014	XD	GWDP4X6F6	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	
4/27/2015	XX	GW401B78I	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	
4/27/2015	XD	GWDP4X79I	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	
4/6/2016	XD	GWDP4X86C	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	
4/6/2016	XX	GW401B869	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	
4/17/2017	XD	GWDP4X977	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/17/2017	XX	GW401B974	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/2/2018	XD	GWDP4XA2J	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/2/2018	XX	GW401BA2G	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/22/2019	XD	GWDP4XB5F	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/22/2019	XX	GW401BB5C	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/27/2020	XD	GWDP4XCD7	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/27/2020	XX	GW401BCD4	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/5/2021	XD	GWDP4XDC6	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/5/2021	XX	GW401BDC3	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/25/2022	XD	GWDP1XF01	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/25/2022	XX	GW401BF0F	2 U	2 U	2 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	

MW-501																		
4/5/2018	XX	GW501XA6I	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/4/2018	XX	GW501XA7F	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	

MW-502																		
2/26/2020	XD	GWDP1XC52	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
2/26/2020	XX	GW502XC55	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/30/2020	XX	GW502XCBJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	

MW-503																		
2/9/2021	XX	GW503XD9A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/8/2021	XX	GW503XDA9	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/8/2021	XX	GW503XDGC	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/19/2021	XX	GW503XE46	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	

(MW-504)	Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethene	1,1-Dichloroethane	trans-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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

MW-504																	
2/9/2021	XD	GWDP1XD94	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/9/2021	XX	GW504XD9B	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/7/2021	XX	GW504XDAA	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/9/2021	XD	GWDP1XDG9	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/9/2021	XX	GW504XGD	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/19/2021	XX	GW504XE47	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

MW-505																	
2/10/2021	XX	GW505XD9C	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/8/2021	XX	GW505XDAB	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/9/2021	XX	GW505XDGE	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/18/2021	XX	GW505XE48	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

MW-506																	
2/18/2021	XX	GW506XD9D	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/8/2021	XX	GW506XDAC	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/8/2021	XX	GW506XDGF	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16
7/14/2021	XX	GW506XE38	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
9/1/2021	XX	GW506XE49	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

MW-507																	
4/5/2018	XX	GW507XA6J	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/5/2018	XX	GW507XA7G	3.1	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/20/2018	XX	GW507XAFF	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

OW-06-03																	
4/10/2018	XX	GWXXXXA73	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/5/2018	XX	GWXXXXA80	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
7/19/2018	XX	GWXXXXAEI	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

OW-601A																	
4/11/2018	XX	GW601AA69	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/6/2018	XX	GW601AA76	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/19/2018	XX	GW601AAE4	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

OW-601B																	
4/11/2018	XX	GW601BA6A	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/6/2018	XX	GW601BA77	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

OW-602A																	
4/11/2018	XX	GW602AA6B	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/6/2018	XD	GWDP1XA75	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/6/2018	XX	GW602AA78	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

OW-603B																	
4/12/2018	XX	GW603BA6C	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/5/2018	XX	GW603BA79	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

OW-604A																	
4/12/2018	XX	GW604AA6D	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/4/2018	XX	GW604AA7A	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

(OW-605A)			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride	
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	
OW-605A																		
4/10/2018	XX	GW605AA6E	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/5/2018	XX	GW605AA7B	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
OW-606A																		
4/3/2018	XX	GW606AA6F	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/4/2018	XX	GW606AA7C	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
OW-606B																		
2/9/2021	XX	GW606BD9E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	
4/8/2021	XX	GW606BDAD	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/8/2021	XX	GW606BDGG	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
7/14/2021	XX	GW606BE37	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/18/2021	XX	GW606BE4A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
OW-607B																		
2/9/2021	XX	GW607BD9F	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/7/2021	XX	GW607BDAD	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/9/2021	XX	GW607BDGH	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/19/2021	XX	GW607BE4B	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
OW-608A																		
4/4/2018	XX	GW608AA6G	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/4/2018	XX	GW608AA7D	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
OW-608B																		
2/10/2021	XX	GW608BD9G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/8/2021	XD	GWDP1XDA6	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/8/2021	XX	GW608BDAF	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/8/2021	XX	GW608BDGI	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/17/2021	XD	GWDP1XE43	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/17/2021	XX	GW608BE4C	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
OW-609B																		
2/10/2021	XX	GW609BD9H	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/8/2021	XX	GW609BDAG	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1.4	1 U	10 U	1 U	1 U	
6/8/2021	XX	GW609BDGJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/17/2021	XX	GW609BE4D	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
OW-611A																		
4/4/2018	XX	GW611AA6H	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/5/2018	XX	GW611AA7E	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
P-04-02																		
4/22/2013	XX	GWXXXX5II	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	
P-04-11A																		
2/10/2021	XX	GWXXXXD9I	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
4/8/2021	XX	GWXXXXDAH	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
6/9/2021	XX	GWXXXXDH0	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	
8/18/2021	XX	GWXXXXE4E	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	

			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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

P-04-11B																	
2/10/2021	XX	GWXXXXD9J	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/8/2021	XX	GWXXXXDAI	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/9/2021	XX	GWXXXXDH1	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/18/2021	XX	GWXXXXE4F	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

QCBT																	
4/22/2013	XX	BTXXXXJ3	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2013	XX	BTXXXXJ4	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/24/2013	XX	BTXXXXJ8	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/30/2013	XX	BTXXXX65D	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U	0.5 U
10/29/2013	XX	BTXXXX68C	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/21/2014	XX	BTXXXX6G4	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/22/2014	XX	BTXXXX6G5	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
7/30/2014	XX	BTXXXX70B	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
10/21/2014	XX	BTXXXX748	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/27/2015	XX	BTXXXX79E	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/27/2015	XX	BTXXXX79F	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/27/2015	XX	BTXXXX79J	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
7/15/2015	XX	BTXXXX7DB	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
10/27/2015	XX	BTXXXX7II	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	BTXXXX87GX	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	BTXXXX876	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/6/2016	XX	BTXXXX875	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
7/26/2016	XX	BTXXXX8BF	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
10/25/2016	XX	BTXXXX8JE	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/17/2017	XX	BTXXXX985	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/18/2017	XX	BTXXXX980	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/18/2017	XX	BTXXXX981	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/25/2017	XX	BTXXXX9DI	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/24/2017	XX	BTXXXX9HD	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/2/2018	XX	BTXXXXA3C	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	BTXXXXA3H	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	BTXXXXHHD	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	BTXXXXHG3	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/4/2018	XX	BTXXXXA5F	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/5/2018	XX	BTXXXXA71	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/10/2018	XX	BTXXXXA72	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/11/2018	XX	BTXXXXHHB	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/12/2018	XX	BTXXXXHHC	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/4/2018	XX	BTXXXXA74	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/5/2018	XX	BTXXXXA71	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/6/2018	XX	BTXXXXA7J	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/17/2018	XX	BTXXXXACD	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/19/2018	XX	BTXXXXAE2	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/20/2018	XX	BTXXXXAF3	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/2/2018	XX	BTXXXXB1B	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2019	XX	BTXXXXB6D	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	BTXXXXB68	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

(QCBT)			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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
4/23/2019	XX	BTXXXXB69	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/16/2019	XX	BTXXXXBCJ	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/29/2019	XX	BTXXXXBIC	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/25/2020	XX	BTXXXXC86	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/26/2020	XX	BTXXXXC5G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/27/2020	XX	BTXXXXCDJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	BTXXXXCE0	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	BTXXXXCE4	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/30/2020	XX	BTXXXXCC3	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/23/2020	XX	BTXXXXCGE	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/21/2020	XX	BTXXXXCIC	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/21/2020	XX	BTXXXXCGH	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/20/2020	XX	BTXXXXD21	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/27/2020	XX	BTXXXXD3G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
1/5/2021	XX	BTXXXXD8F	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/9/2021	XX	BTXXXXD98	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/10/2021	XX	BTXXXXD99	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/18/2021	XX	BTXXXXDA5	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/5/2021	XX	BTXXXXDCI	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/6/2021	XX	BTXXXXDCJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/6/2021	XX	BTXXXXDDJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/7/2021	XX	BTXXXXDA7	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/8/2021	XX	BTXXXXDA8	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/8/2021	XX	BTXXXXDGA	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/9/2021	XX	BTXXXXDGB	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/13/2021	XX	BTXXXXE0B	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/13/2021	XX	BTXXXXE2A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/14/2021	XX	BTXXXXE1F	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/17/2021	XX	BTXXXXE44	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/18/2021	XX	BTXXXXE45	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/19/2021	XX	BTXXXXE50	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
9/1/2021	XX	BTXXXXE51	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/5/2021	XX	BTXXXXE6I	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/26/2021	XX	BTXXXXED3	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
1/26/2022	XX	BTXXXXEJH	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/25/2022	XX	BTXXXXF2B	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/26/2022	XX	BTXXXXF3J	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
5/26/2022	XX	BTXXXXF44	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
5/26/2022	XX	BTXXXXF1A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/19/2022	XX	BTXXXXFE7	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/19/2022	XX	BTXXXXFE4	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/3/2022	XX	BTXXXXG0A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/4/2022	XX	BTXXXXFJ9	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/4/2022	XX	BTXXXXG23	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/5/2022	XX	BTXXXXG1G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

REPORT PREPARED: 4/10/2023 07:19 FOR: Juniper Ridge Landfill			SUMMARY REPORT VOA Parameters Part 1 of 4										Page 9 of 9 SEVEE & MAHER ENGINEERS, INC. 4 BLANCHARD ROAD CUMBERLAND CENTER, ME 04021				
(QCBT)			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethene	1,1-Dichloroethane	trans-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- F - The sampling location was frozen.
- F12- Pipe under water, no sample taken.
- F16- Could not pump water to surface for testing/sampling
- F6- No flow. Sample not taken.
- H8- No flow from pipe. See LF-COMP for readings
- I - The sampling location yielded insufficient quantity to collect a sample.
- U - Not Detected above the laboratory reporting limit.

(DP-4)	Date	Type	Sample ID	Vinyl Acetate ug/L	Bromo dichloro methane ug/L	1,2-Dichloro propane ug/L	cis-1,3-Dichloro propene ug/L	Trichloroethene ug/L	Dibromo chloromethane ug/L	1,1,2- Trichloroethane ug/L	Benzene ug/L	trans-1,3- Dichloro propene ug/L	Bromoform ug/L	4-Methyl-2- Pentanone ug/L	2-Hexanone ug/L	Tetrachloro ethene ug/L	1,1,2,2- Tetrachloro ethane ug/L	Toluene ug/L
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DP-4																		
4/24/2013	XX		GWXXXX5IH	1 U	1 U	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

LF-COMP																		
4/6/2021	XX		LFCOMPDG6	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

LF-UD-1																		
4/23/2013	XX		LFUD1X5I6	1 U	1 U	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
4/22/2014	XX		LFUD1X6F7	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/28/2015	XX		LFUD1X792	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX		LFUD1X86D	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/18/2017	XX		LFUD1X978	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX		LFUD1XA30	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX		LFUD1XB5G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX		LFUD1XCD8	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX		LFUD1XDC7	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX		LFUD1XF0J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-2																		
4/23/2013	XX		LFUD2X5I7	1 U	1 U	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
4/22/2014	XX		LFUD2X6F8	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/28/2015	XX		LFUD2X793	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX		LFUD2X86E	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/18/2017	XX		LFUD2X979	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX		LFUD2XA31	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX		LFUD2XB5H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX		LFUD2XCD9	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/6/2021	XX		LFUD2XDC8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX		LFUD2XF10	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-3A,B																		
4/23/2013	XX		LFXXX5J5	F6														
4/22/2014	XX		LFXXX6G6	F6														
4/28/2015	XX		LFXXX79G	F6														
4/5/2016	XX		LFXXX877	F6														
4/18/2017	XX		LFXXX982	F6														
4/3/2018	XX		LFXXXA3E	F6														
4/23/2019	XX		LFXXXB6A	F6														
4/28/2020	XX		LFXXXCE1	F6														
4/6/2021	XX		LFXXXDD0	H8														
4/26/2022	XX		LFXXXF1B	F6														

LF-UD-4																		
4/23/2013	XX		LFXXX5J6	1 U	1 U	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
4/22/2014	XX		LFXXX6G7	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/28/2015	XX		LFXXX79H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX		LFXXX878	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX		LFXXX983	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX		LFXXXA3F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX		LFXXXB6B	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX		LFXXXCE2	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

(LF-UD-4)			Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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
4/6/2021	XX	LFXXXXD1	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFXXXXF1C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
LF-UD-5and6																	
4/23/2013	XX	LFXXX5J7	1 U	1 U	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
4/22/2014	XX	LFXXX6G8	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/28/2015	XX	LFXXX79I	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX	LFXXX879	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/18/2017	XX	LFXXX984	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	LFXXXA3G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX	LFXXXB6C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX	LFXXXCE3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/6/2021	XX	LFXXXDD2	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/26/2022	XX	LFXXXF1D	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
LF-UD-6																	
4/23/2013	XX	LFUD6X5J9	1 U	1 U	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
4/22/2014	XX	LFUD6X6GA	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/28/2015	XX	LFUD6X7A0	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX	LFUD6X87B	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/18/2017	XX	LFUD6X986	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	LFUD6XA3I	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX	LFUD6XB6E	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX	LFUD6XCE5	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/6/2021	XX	LFUD6XDD4	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/26/2022	XX	LFUD6XF1E	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-7																	
4/23/2013	XX	LFUD7X5JA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/22/2014	XX	LFUD7X6GB	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2015	XX	LFUD7X7A1	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LFUD7X87C	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD7X987	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/3/2018	XX	LFUD7XA3J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFUD7XB6F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD7XCE6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD7XDD5	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFUD7XF1F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-8																	
4/23/2013	XX	LFUD8X5JD	1 U	1 U	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
4/22/2014	XX	LFUD8X6GC	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12	F12
4/28/2015	XX	LFUD8X7A2	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX	LFUD8X87D	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD8X988	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	LFUD8XA40	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX	LFUD8XB6G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX	LFUD8XCE7	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD8XDD6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LFUD8XF1G	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

(LF-UD-9)		Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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

LF-UD-9																
4/5/2016	XX	LFUD9X881	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD9X98F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/3/2018	XX	LFUD9XA47	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFUD9XB73	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD9XCED	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD9XDDA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LFUD9XF1J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-10																
4/3/2018	XX	LFXXXXA48	F6													
4/23/2019	XX	LFXXXXB74	F6													
4/28/2020	XX	LFXXXXCEE	F6													
4/6/2021	XX	LFXXXXDB	F6													
4/26/2022	XX	LFXXXXF23	F6													

LP-UD-1																
4/23/2013	XX	LPUD1X5I8	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/22/2014	XX	LPUD1X6F9	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2015	XX	LPUD1X794	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LPUD1X86F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LPUD1X97A	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/3/2018	XX	LPUD1XA32	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LPUD1XB5I	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/28/2020	XX	LPUD1XCDA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LPUD1XDC9	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LPUD1XF11	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LP-UD-2																
4/23/2013	XX	LPUD2X5I9	1 U	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
4/22/2014	XX	LPUD2X6FA	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
4/28/2015	XX	LPUD2X795	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
4/5/2016	XX	LPUD2X86G	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U
4/18/2017	XX	LPUD2X97B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/3/2018	XX	LPUD2XA33	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/23/2019	XX	LPUD2XB5J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/28/2020	XX	LPUD2XCDB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/6/2021	XX	LPUD2XDCA	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/26/2022	XX	LPUD2XF12	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U

MW-04-09A																
2/26/2020	XX	GWX09AC56	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/30/2020	XX	GWX09ACC1	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
6/23/2020	XX	GWX09ACGC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
8/20/2020	XX	GWX09AD1J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U

MW-04-09B																
2/26/2020	XX	GWX09BC57	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U
4/30/2020	XX	GWX09BCC2	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U

MW06-01																
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(MW06-01)			Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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
4/10/2018	XD	GWDP1XA68	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/10/2018	XX	GWXXXXA70	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/4/2018	XX	GWXXXXA7H	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-08-01																	
2/9/2021	XX	GWXXXXA0	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/7/2021	XX	GWXXXXAJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/9/2021	XX	GWXXXXDH2	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/19/2021	XX	GWXXXXE4G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-204																	
4/24/2013	XX	GW204X5ID	1 U	1 U	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

MW-303 & MW12-303R																	
6/18/2015	XX	42173-1	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U

MW-401B																	
4/22/2013	XX	GW401B5I2	1 U	1 U	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
4/22/2013	XD	GWDP4X5I5	1 U	1 U	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
4/21/2014	XX	GW401B6F3	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/21/2014	XD	GWDP4X6F6	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XX	GW401B78I	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XD	GWDP4X79I	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/6/2016	XD	GWDP4X86C	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/6/2016	XX	GW401B869	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/17/2017	XD	GWDP4X977	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/17/2017	XX	GW401B974	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/2/2018	XD	GWDP4XA2J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/2/2018	XX	GW401BA2G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/22/2019	XD	GWDP4XB5F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/22/2019	XX	GW401BB5C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/27/2020	XD	GWDP4XCD7	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/27/2020	XX	GW401BCD4	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/5/2021	XD	GWDP4XDC6	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/5/2021	XX	GW401BDC3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/25/2022	XD	GWDP1XF01	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/25/2022	XX	GW401BF0F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-501																	
4/5/2018	XX	GW501XA6I	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/4/2018	XX	GW501XA7F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-502																	
2/26/2020	XD	GWDP1XC52	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/26/2020	XX	GW502XC55	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/30/2020	XX	GW502XCBJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-503																	
2/9/2021	XX	GW503XD9A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/8/2021	XX	GW503XDA9	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/8/2021	XX	GW503XDGC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/19/2021	XX	GW503XE46	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

(MW-504)		Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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

MW-504																	
2/9/2021	XD	GWDP1XD94	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/9/2021	XX	GW504XD9B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/7/2021	XX	GW504XDAA	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/9/2021	XD	GWDP1XDG9	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/9/2021	XX	GW504XDGD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/19/2021	XX	GW504XE47	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-505																	
2/10/2021	XX	GW505XD9C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/8/2021	XX	GW505XDAB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/9/2021	XX	GW505XDGE	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/18/2021	XX	GW505XE48	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-506																	
2/18/2021	XX	GW506XD9D	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/8/2021	XX	GW506XDAC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/8/2021	XX	GW506XDGF	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16
7/14/2021	XX	GW506XE38	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
9/1/2021	XX	GW506XE49	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

MW-507																	
4/5/2018	XX	GW507XA6J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/5/2018	XX	GW507XA7G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/20/2018	XX	GW507XAFF	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

OW-06-03																	
4/10/2018	XX	GWXXXXA73	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/5/2018	XX	GWXXXXA80	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
7/19/2018	XX	GWXXXXAEI	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

OW-601A																	
4/11/2018	XX	GW601AA69	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1.1	1 U	1 U
6/6/2018	XX	GW601AA76	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/19/2018	XX	GW601AAE4	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

OW-601B																	
4/11/2018	XX	GW601BA6A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/6/2018	XX	GW601BA77	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

OW-602A																	
4/11/2018	XX	GW602AA6B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/6/2018	XD	GWDP1XA75	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/6/2018	XX	GW602AA78	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

OW-603B																	
4/12/2018	XX	GW603BA6C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/5/2018	XX	GW603BA79	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

OW-604A																	
4/12/2018	XX	GW604AA6D	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/4/2018	XX	GW604AA7A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

(OW-605A)			Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene	
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	
OW-605A																		
4/10/2018	XX	GW605AA6E	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/5/2018	XX	GW605AA7B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
OW-606A																		
4/3/2018	XX	GW606AA6F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/4/2018	XX	GW606AA7C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
OW-606B																		
2/9/2021	XX	GW606BD9E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	
4/8/2021	XX	GW606BDAD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/8/2021	XX	GW606BDGG	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
7/14/2021	XX	GW606BE37	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
8/18/2021	XX	GW606BE4A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
OW-607B																		
2/9/2021	XX	GW607BD9F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
4/7/2021	XX	GW607BDAE	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/9/2021	XX	GW607BDGH	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
8/19/2021	XX	GW607BE4B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
OW-608A																		
4/4/2018	XX	GW608AA6G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/4/2018	XX	GW608AA7D	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
OW-608B																		
2/10/2021	XX	GW608BD9G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
4/8/2021	XD	GWDP1XDA6	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
4/8/2021	XX	GW608BDAF	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/8/2021	XX	GW608BDGI	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
8/17/2021	XD	GWDP1XE43	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
8/17/2021	XX	GW608BE4C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
OW-609B																		
2/10/2021	XX	GW609BD9H	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
4/8/2021	XX	GW609BDAG	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/8/2021	XX	GW609BDGJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
8/17/2021	XX	GW609BE4D	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
OW-611A																		
4/4/2018	XX	GW611AA6H	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/5/2018	XX	GW611AA7E	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
P-04-02																		
4/22/2013	XX	GWXXXX5II	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!	
P-04-11A																		
2/10/2021	XX	GWXXXXD9I	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
4/8/2021	XX	GWXXXXDAH	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
6/9/2021	XX	GWXXXXDH0	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	
8/18/2021	XX	GWXXXXE4E	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U	

(P-04-11B)		Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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

P-04-11B																
2/10/2021	XX	GWXXXXD9J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/8/2021	XX	GWXXXXDAI	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/9/2021	XX	GWXXXXDH1	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/18/2021	XX	GWXXXXE4F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

QCBT																
4/22/2013	XX	BTXXXXJ3	1 U	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
4/23/2013	XX	BTXXXXJ4	1 U	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
4/24/2013	XX	BTXXXXJ8	1 U	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
7/30/2013	XX	BTXXXX65D	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U	0.75 U
10/29/2013	XX	BTXXXX68C	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/21/2014	XX	BTXXXX6G4	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/22/2014	XX	BTXXXX6G5	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
7/30/2014	XX	BTXXXX70B	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
10/21/2014	XX	BTXXXX748	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XX	BTXXXX79E	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XX	BTXXXX79F	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XX	BTXXXX79J	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
7/15/2015	XX	BTXXXX7DB	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
10/27/2015	XX	BTXXXX7II	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX	BTXXXX87GX	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX	BTXXXX876	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/6/2016	XX	BTXXXX875	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
7/26/2016	XX	BTXXXX8BF	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
10/25/2016	XX	BTXXXX8JE	10 U	0.5 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/17/2017	XX	BTXXXX985	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/18/2017	XX	BTXXXX980	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/18/2017	XX	BTXXXX981	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/25/2017	XX	BTXXXX9DI	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/24/2017	XX	BTXXXX9HD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/2/2018	XX	BTXXXXA3C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	BTXXXXA3H	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	BTXXXXHHD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	BTXXXXHG3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/4/2018	XX	BTXXXXA5F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/5/2018	XX	BTXXXXA71	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/10/2018	XX	BTXXXXA72	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/11/2018	XX	BTXXXXHHB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/12/2018	XX	BTXXXXHHC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/4/2018	XX	BTXXXXA74	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/5/2018	XX	BTXXXXA71	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/6/2018	XX	BTXXXXA7J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/17/2018	XX	BTXXXXACD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/19/2018	XX	BTXXXXAE2	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/20/2018	XX	BTXXXXAF3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/2/2018	XX	BTXXXXB1B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/22/2019	XX	BTXXXXB6D	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX	BTXXXXB68	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
 VOA Parameters Part 2 of 4

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

(QCBT)			Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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
4/23/2019	XX	BTXXXXB69	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/16/2019	XX	BTXXXXBCJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/29/2019	XX	BTXXXXBIC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/25/2020	XX	BTXXXXC86	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/26/2020	XX	BTXXXXC5G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/27/2020	XX	BTXXXXCDJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX	BTXXXXCE0	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX	BTXXXXCE4	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/30/2020	XX	BTXXXXCC3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/23/2020	XX	BTXXXXCGE	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/21/2020	XX	BTXXXXCIC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/21/2020	XX	BTXXXXCGH	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/20/2020	XX	BTXXXXD21	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/27/2020	XX	BTXXXXD3G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
1/5/2021	XX	BTXXXXD8F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/9/2021	XX	BTXXXXD98	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/10/2021	XX	BTXXXXD99	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/18/2021	XX	BTXXXXDA5	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/5/2021	XX	BTXXXXDCI	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/6/2021	XX	BTXXXXDCJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/6/2021	XX	BTXXXXDDJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/7/2021	XX	BTXXXXDA7	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/8/2021	XX	BTXXXXDA8	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/8/2021	XX	BTXXXXDGA	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/9/2021	XX	BTXXXXDGB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/13/2021	XX	BTXXXXE0B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/13/2021	XX	BTXXXXE2A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/14/2021	XX	BTXXXXE1F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/17/2021	XX	BTXXXXE44	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/18/2021	XX	BTXXXXE45	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/19/2021	XX	BTXXXXE50	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
9/1/2021	XX	BTXXXXE51	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/5/2021	XX	BTXXXXE6I	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/26/2021	XX	BTXXXXED3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
1/26/2022	XX	BTXXXXEJH	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/25/2022	XX	BTXXXXF2B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/26/2022	XX	BTXXXXF3J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
5/26/2022	XX	BTXXXXF44	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
5/26/2022	XX	BTXXXXF1A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/19/2022	XX	BTXXXXFE7	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/19/2022	XX	BTXXXXFE4	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/3/2022	XX	BTXXXXG0A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/4/2022	XX	BTXXXXFJ9	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/4/2022	XX	BTXXXXG23	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/5/2022	XX	BTXXXXG1G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

REPORT PREPARED: 4/10/2023 07:19 FOR: Juniper Ridge Landfill			SUMMARY REPORT VOA Parameters Part 2 of 4								Page 9 of 9 SEVEE & MAHER ENGINEERS, INC. 4 BLANCHARD ROAD CUMBERLAND CENTER, ME 04021						
(QCBT)			Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- F - The sampling location was frozen.
- F12- Pipe under water, no sample taken.
- F16- Could not pump water to surface for testing/sampling
- F6- No flow. Sample not taken.
- H8- No flow from pipe. See LF-COMP for readings
 - I - The sampling location yielded insufficient quantity to collect a sample.
- U - Not Detected above the laboratory reporting limit.

			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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																	
4/24/2013	XX	GWXXXX5IH	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

LF-COMP																	
4/6/2021	XX	LFCOMP6G6	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

LF-UD-1																	
4/23/2013	XX	LFUD1X5I6	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
4/22/2014	XX	LFUD1X6F7	2 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/28/2015	XX	LFUD1X792	2 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	LFUD1X86D	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/18/2017	XX	LFUD1X978	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LFUD1XA30	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	LFUD1XB5G	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	LFUD1XCD8	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD1XDC7	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFUD1XF0J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-2																	
4/23/2013	XX	LFUD2X5I7	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
4/22/2014	XX	LFUD2X6F8	2 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/28/2015	XX	LFUD2X793	2 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	LFUD2X86E	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/18/2017	XX	LFUD2X979	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LFUD2XA31	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	LFUD2XB5H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD2XCD9	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	LFUD2XDC8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFUD2XF10	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-3A,B																	
4/23/2013	XX	LFXXX5J5	F6														
4/22/2014	XX	LFXXX6G6	F6														
4/28/2015	XX	LFXXX79G	F6														
4/5/2016	XX	LFXXX877	F6														
4/18/2017	XX	LFXXX982	F6														
4/3/2018	XX	LFXXXA3E	F6														
4/23/2019	XX	LFXXXB6A	F6														
4/28/2020	XX	LFXXXCE1	F6														
4/6/2021	XX	LFXXXDD0	H8														
4/26/2022	XX	LFXXXF1B	F6														

LF-UD-4																	
4/23/2013	XX	LFXXX5J6	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
4/22/2014	XX	LFXXX6G7	2 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/28/2015	XX	LFXXX79H	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LFXXX878	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFXXX983	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LFXXXA3F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFXXXB6B	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFXXXCE2	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

(LF-UD-4)			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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
4/6/2021	XX	LFXXXXD1	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFXXXXF1C	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
LF-UD-5and6																	
4/23/2013	XX	LFXXX5J7	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
4/22/2014	XX	LFXXX6G8	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/28/2015	XX	LFXXX79I	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	LFXXX879	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/18/2017	XX	LFXXX984	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LFXXXA3G	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	LFXXXB6C	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	LFXXXCE3	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	LFXXXDD2	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/26/2022	XX	LFXXXF1D	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
LF-UD-6																	
4/23/2013	XX	LFUD6X5J9	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
4/22/2014	XX	LFUD6X6GA	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/28/2015	XX	LFUD6X7A0	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	LFUD6X87B	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/18/2017	XX	LFUD6X986	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LFUD6XA3I	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	LFUD6XB6E	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	LFUD6XCE5	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	LFUD6XDD4	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/26/2022	XX	LFUD6XF1E	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-7																	
4/23/2013	XX	LFUD7X5JA	F6	F6	F6	F6	F6		F6	F6	F6	F6	F6	F6	F6	F6	F6
4/22/2014	XX	LFUD7X6GB	F6	F6	F6	F6	F6		F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2015	XX	LFUD7X7A1	F6	F6	F6	F6	F6		F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LFUD7X87C	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD7X987	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/3/2018	XX	LFUD7XA3J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFUD7XB6F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD7XCE6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD7XDD5	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
4/26/2022	XX	LFUD7XF1F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
LF-UD-8																	
4/23/2013	XX	LFUD8X5JD	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
4/22/2014	XX	LFUD8X6GC	F12	F12	F12	F12	F12		F12	F12	F12	F12	F12	F12	F12	F12	F12
4/28/2015	XX	LFUD8X7A2	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	LFUD8X87D	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LFUD8X988	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LFUD8XA40	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	LFUD8XB6G	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	LFUD8XCE7	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD8XDD6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LFUD8XF1G	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

(LF-UD-9)	Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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

LF-UD-9																	
4/5/2016	XX	LFUD9X881	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6		
4/18/2017	XX	LFUD9X98F	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LFUD9XA47	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LFUD9XB73	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2020	XX	LFUD9XCED	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LFUD9XDDA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LFUD9XF1J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LF-UD-10																	
4/3/2018	XX	LFXXXXA48	F6														
4/23/2019	XX	LFXXXXB74	F6														
4/28/2020	XX	LFXXXXCEE	F6														
4/6/2021	XX	LFXXXXDB	F6														
4/26/2022	XX	LFXXXXF23	F6														

LP-UD-1																	
4/23/2013	XX	LPUD1X5I8	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/22/2014	XX	LPUD1X6F9	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/28/2015	XX	LPUD1X794	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/5/2016	XX	LPUD1X86F	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/18/2017	XX	LPUD1X97A	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/3/2018	XX	LPUD1XA32	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/23/2019	XX	LPUD1XB5I	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	LPUD1XCDA	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/6/2021	XX	LPUD1XDC9	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
4/26/2022	XX	LPUD1XF11	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

LP-UD-2																	
4/23/2013	XX	LPUD2X5I9	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
4/22/2014	XX	LPUD2X6FA	2 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/28/2015	XX	LPUD2X795	2 U	1 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	LPUD2X86G	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/18/2017	XX	LPUD2X97B	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	LPUD2XA33	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	LPUD2XB5J	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	LPUD2XCDB	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	LPUD2XDCA	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/26/2022	XX	LPUD2XF12	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-04-09A																	
2/26/2020	XX	GWX09AC56	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/30/2020	XX	GWX09ACC1	1 U	1 U	1 U	1 U	1.1	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/23/2020	XX	GWX09ACGC	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/20/2020	XX	GWX09AD1J	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-04-09B																	
2/26/2020	XX	GWX09BC57	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/30/2020	XX	GWX09BCC2	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW06-01															
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(MW06-01)			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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
4/10/2018	XD	GWDP1XA68	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/10/2018	XX	GWXXXXA70	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/4/2018	XX	GWXXXXA7H	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

MW-08-01																	
2/9/2021	XX	GWXXXXDA0	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/7/2021	XX	GWXXXXDAJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XX	GWXXXXDH2	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/19/2021	XX	GWXXXXE4G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-204																	
4/24/2013	XX	GW204X5ID	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

MW-303 & MW12-303R																	
6/18/2015	XX	42173-1	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U

MW-401B																	
4/22/2013	XX	GW401B5I2	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
4/22/2013	XD	GWDP4X5I5	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
4/21/2014	XX	GW401B6F3	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/21/2014	XD	GWDP4X6F6	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XX	GW401B78I	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XD	GWDP4X79I	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/6/2016	XD	GWDP4X86C	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/6/2016	XX	GW401B869	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/17/2017	XD	GWDP4X977	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/17/2017	XX	GW401B974	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/2/2018	XD	GWDP4XA2J	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/2/2018	XX	GW401BA2G	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/22/2019	XD	GWDP4XB5F	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/22/2019	XX	GW401BB5C	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/27/2020	XD	GWDP4XCD7	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/27/2020	XX	GW401BCD4	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/5/2021	XD	GWDP4XDC6	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/5/2021	XX	GW401BDC3	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/25/2022	XD	GWDP1XF0I	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/25/2022	XX	GW401BF0F	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-501																	
4/5/2018	XX	GW501XA6I	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/4/2018	XX	GW501XA7F	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

MW-502																	
2/26/2020	XD	GWDP1XC52	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/26/2020	XX	GW502XC55	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/30/2020	XX	GW502XCBJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-503																	
2/9/2021	XX	GW503XD9A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	GW503XDA9	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/8/2021	XX	GW503XDGC	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/19/2021	XX	GW503XE46	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

(MW-504)	Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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

MW-504																	
2/9/2021	XD	GWDP1XD94	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/9/2021	XX	GW504XD9B	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/7/2021	XX	GW504XDAA	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XD	GWDP1XDG9	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XX	GW504XGD	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/19/2021	XX	GW504XE47	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-505																	
2/10/2021	XX	GW505XD9C	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	GW505XDAB	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XX	GW505XDGE	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/18/2021	XX	GW505XE48	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-506																	
2/18/2021	XX	GW506XD9D	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	GW506XDAC	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/8/2021	XX	GW506XDGF	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16	F16
7/14/2021	XX	GW506XE38	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
9/1/2021	XX	GW506XE49	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

MW-507																	
4/5/2018	XX	GW507XA6J	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/5/2018	XX	GW507XA7G	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
8/20/2018	XX	GW507XAFF	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

OW-06-03																	
4/10/2018	XX	GWXXXXA73	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/5/2018	XX	GWXXXXA80	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
7/19/2018	XX	GWXXXXAEI	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I

OW-601A																	
4/11/2018	XX	GW601AA69	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/6/2018	XX	GW601AA76	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/19/2018	XX	GW601AAE4	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

OW-601B																	
4/11/2018	XX	GW601BA6A	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/6/2018	XX	GW601BA77	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

OW-602A																	
4/11/2018	XX	GW602AA6B	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/6/2018	XD	GWDP1XA75	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/6/2018	XX	GW602AA78	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

OW-603B																	
4/12/2018	XX	GW603BA6C	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/5/2018	XX	GW603BA79	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

OW-604A																	
4/12/2018	XX	GW604AA6D	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/4/2018	XX	GW604AA7A	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

(OW-605A)			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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
OW-605A																	
4/10/2018	XX	GW605AA6E	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/5/2018	XX	GW605AA7B	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
OW-606A																	
4/3/2018	XX	GW606AA6F	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/4/2018	XX	GW606AA7C	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
OW-606B																	
2/9/2021	XX	GW606BD9E	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F
4/8/2021	XX	GW606BDAD	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/8/2021	XX	GW606BDGG	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/14/2021	XX	GW606BE37	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/18/2021	XX	GW606BE4A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
OW-607B																	
2/9/2021	XX	GW607BD9F	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/7/2021	XX	GW607BDAD	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XX	GW607BDGH	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/19/2021	XX	GW607BE4B	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
OW-608A																	
4/4/2018	XX	GW608AA6G	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/4/2018	XX	GW608AA7D	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
OW-608B																	
2/10/2021	XX	GW608BD9G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XD	GWDP1XDA6	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	GW608BDAF	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/8/2021	XX	GW608BDGI	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/17/2021	XD	GWDP1XE43	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/17/2021	XX	GW608BE4C	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
OW-609B																	
2/10/2021	XX	GW609BD9H	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	GW609BDAG	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/8/2021	XX	GW609BDGJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/17/2021	XX	GW609BE4D	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
OW-611A																	
4/4/2018	XX	GW611AA6H	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/5/2018	XX	GW611AA7E	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
P-04-02																	
4/22/2013	XX	GWXXXX5II	!	!	!	!	!	!	!	!	!	!	!	!	!	!	!
P-04-11A																	
2/10/2021	XX	GWXXXXD9I	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	GWXXXXDAH	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XX	GWXXXXDH0	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/18/2021	XX	GWXXXXE4E	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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

P-04-11B																	
2/10/2021	XX	GWXXXXD9J	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	GWXXXXDAI	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XX	GWXXXXDH1	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/18/2021	XX	GWXXXXE4F	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

QCBT																	
4/22/2013	XX	BTXXXX5J3	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
4/23/2013	XX	BTXXXX5J4	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
4/24/2013	XX	BTXXXX5J8	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
7/30/2013	XX	BTXXXX65D	0.5 U	0.5 U	1 U	1 U	1 U		2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U	2.5 U
10/29/2013	XX	BTXXXX68C	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/21/2014	XX	BTXXXX6G4	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/22/2014	XX	BTXXXX6G5	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
7/30/2014	XX	BTXXXX70B	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
10/21/2014	XX	BTXXXX748	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XX	BTXXXX79E	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XX	BTXXXX79F	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XX	BTXXXX79J	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
7/15/2015	XX	BTXXXX7DB	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
10/27/2015	XX	BTXXXX7II	2 U	1 U	1 U	1 U	1 U		5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	BTXXXX87GX	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	BTXXXX876	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/6/2016	XX	BTXXXX875	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
7/26/2016	XX	BTXXXX8BF	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
10/25/2016	XX	BTXXXX8JE	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/17/2017	XX	BTXXXX985	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/18/2017	XX	BTXXXX980	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/18/2017	XX	BTXXXX981	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/25/2017	XX	BTXXXX9DI	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
10/24/2017	XX	BTXXXX9HD	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/2/2018	XX	BTXXXXA3C	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	BTXXXXA3H	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	BTXXXXHHD	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	BTXXXXHG3	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/4/2018	XX	BTXXXXA5F	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/5/2018	XX	BTXXXXA71	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/10/2018	XX	BTXXXXA72	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/11/2018	XX	BTXXXXHNB	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/12/2018	XX	BTXXXXHNC	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/4/2018	XX	BTXXXXA74	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/5/2018	XX	BTXXXXA71	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/6/2018	XX	BTXXXXA7J	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/17/2018	XX	BTXXXXACD	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/19/2018	XX	BTXXXXAE2	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
8/20/2018	XX	BTXXXXAF3	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
10/2/2018	XX	BTXXXXB1B	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/22/2019	XX	BTXXXXB6D	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	BTXXXXB68	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U

SUMMARY REPORT
VOA Parameters Part 3 of 4

(QCBT)			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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
4/23/2019	XX	BTXXXXB69	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/16/2019	XX	BTXXXXBCJ	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
10/29/2019	XX	BTXXXXBIC	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
2/25/2020	XX	BTXXXXC86	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/26/2020	XX	BTXXXXC5G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/27/2020	XX	BTXXXXCDJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	BTXXXXCE0	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	BTXXXXCE4	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/30/2020	XX	BTXXXXCC3	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/23/2020	XX	BTXXXXCGE	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/21/2020	XX	BTXXXXCIC	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/21/2020	XX	BTXXXXCGH	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/20/2020	XX	BTXXXXD21	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/27/2020	XX	BTXXXXD3G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
1/5/2021	XX	BTXXXXD8F	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/9/2021	XX	BTXXXXD98	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/10/2021	XX	BTXXXXD99	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/18/2021	XX	BTXXXXDA5	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/5/2021	XX	BTXXXXDCI	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	BTXXXXDCJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	BTXXXXDDJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/7/2021	XX	BTXXXXDA7	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	BTXXXXDA8	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/8/2021	XX	BTXXXXDGA	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/9/2021	XX	BTXXXXDGB	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/13/2021	XX	BTXXXXE0B	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/13/2021	XX	BTXXXXE2A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/14/2021	XX	BTXXXXE1F	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/17/2021	XX	BTXXXXE44	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/18/2021	XX	BTXXXXE45	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/19/2021	XX	BTXXXXE50	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
9/1/2021	XX	BTXXXXE51	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/5/2021	XX	BTXXXXE61	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/26/2021	XX	BTXXXXED3	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
1/26/2022	XX	BTXXXXEJH	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/25/2022	XX	BTXXXXF2B	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/26/2022	XX	BTXXXXF3J	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
5/26/2022	XX	BTXXXXF44	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
5/26/2022	XX	BTXXXXF1A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/19/2022	XX	BTXXXXFE7	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/19/2022	XX	BTXXXXFE4	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/3/2022	XX	BTXXXXG0A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/4/2022	XX	BTXXXXFJ9	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/4/2022	XX	BTXXXXG23	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/5/2022	XX	BTXXXXG1G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

REPORT PREPARED: 4/10/2023 07:19 FOR: Juniper Ridge Landfill			SUMMARY REPORT VOA Parameters Part 3 of 4										Page 9 of 9 SEVEE & MAHER ENGINEERS, INC. 4 BLANCHARD ROAD CUMBERLAND CENTER, ME 04021				
(QCBT)			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2- Dichloroethene	Bromochloro methane	Dibromo methane	1,2- Dibromoethane	1,1,1,2- Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3- Chloropropane	1,4-Dichloro benzene
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

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- F - The sampling location was frozen.
- F12- Pipe under water, no sample taken.
- F16- Could not pump water to surface for testing/sampling
- F6- No flow. Sample not taken.
- H8- No flow from pipe. See LF-COMP for readings
 - I - The sampling location yielded insufficient quantity to collect a sample.
 - U - Not Detected above the laboratory reporting limit.

			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										

DP-4																	
4/24/2013	XX	GWXXXX5IH	1 U	1 U		1 U	1 U										

LF-COMP																	
4/6/2021	XX	LFCOMPDG6	1 U	20 U	2 U	5 U	5 U										

LF-UD-1																	
4/23/2013	XX	LFUD1X5I6	1 U	1 U		1 U	1 U										
4/22/2014	XX	LFUD1X6F7	1 U	20 U		5 U	5 U										
4/28/2015	XX	LFUD1X792	1 U	20 U		5 U	5 U										
4/5/2016	XX	LFUD1X86D	1 U	20 U	5 U	5 U	5 U										
4/18/2017	XX	LFUD1X978	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LFUD1XA30	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	LFUD1XB5G	1 U	20 U	5 U	5 U	5 U										
4/28/2020	XX	LFUD1XCD8	F6	F6	F6	F6	F6										
4/6/2021	XX	LFUD1XDC7	H8	H8	H8	H8	H8										
4/26/2022	XX	LFUD1XF0J	F6	F6	F6	F6	F6										

LF-UD-2																	
4/23/2013	XX	LFUD2X5I7	1 U	1 U		1 U	1 U										
4/22/2014	XX	LFUD2X6F8	1 U	20 U		5 U	5 U										
4/28/2015	XX	LFUD2X793	1 U	20 U		5 U	5 U										
4/5/2016	XX	LFUD2X86E	1 U	20 U	5 U	5 U	5 U										
4/18/2017	XX	LFUD2X979	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LFUD2XA31	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	LFUD2XB5H	F6	F6	F6	F6	F6										
4/28/2020	XX	LFUD2XCD9	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	LFUD2XDC8	H8	H8	H8	H8	H8										
4/26/2022	XX	LFUD2XF10	F6	F6	F6	F6	F6										

LF-UD-3A,B																	
4/23/2013	XX	LFXXX5J5	F6	F6		F6	F6										
4/22/2014	XX	LFXXX6G6	F6	F6		F6	F6										
4/28/2015	XX	LFXXX79G	F6	F6		F6	F6										
4/5/2016	XX	LFXXX877	F6	F6	F6	F6	F6										
4/18/2017	XX	LFXXX982	F6	F6	F6	F6	F6										
4/3/2018	XX	LFXXXA3E	F6	F6	F6	F6	F6										
4/23/2019	XX	LFXXXB6A	F6	F6	F6	F6	F6										
4/28/2020	XX	LFXXXCE1	F6	F6	F6	F6	F6										
4/6/2021	XX	LFXXXDD0	H8	H8	H8	H8	H8										
4/26/2022	XX	LFXXXF1B	F6	F6	F6	F6	F6										

LF-UD-4																	
4/23/2013	XX	LFXXX5J6	1 U	1 U		1 U	1 U										
4/22/2014	XX	LFXXX6G7	1 U	20 U		5 U	5 U										
4/28/2015	XX	LFXXX79H	F6	F6		F6	F6										
4/5/2016	XX	LFXXX878	F6	F6	F6	F6	F6										
4/18/2017	XX	LFXXX983	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LFXXXA3F	F6	F6	F6	F6	F6										
4/23/2019	XX	LFXXXB6B	F6	F6	F6	F6	F6										
4/28/2020	XX	LFXXXCE2	F6	F6	F6	F6	F6										

(LF-UD-4)			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4- Dichloro-2- butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										
4/6/2021	XX	LFXXXDD1	H8	H8	H8	H8	H8										
4/26/2022	XX	LFXXXF1C	1 U	20 U	2 U	5 U	5 U										

LF-UD-5and6

4/23/2013	XX	LFXXX5J7	1 U	1 U		1 U	1 U										
4/22/2014	XX	LFXXX6G8	1 U	20 U		5 U	5 U										
4/28/2015	XX	LFXXX79I	1 U	20 U		5 U	5 U										
4/5/2016	XX	LFXXX879	1 U	20 U	5 U	5 U	5 U										
4/18/2017	XX	LFXXX984	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LFXXXA3G	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	LFXXXB6C	1 U	20 U	5 U	5 U	5 U										
4/28/2020	XX	LFXXXCE3	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	LFXXXDD2	1 U	20 U	2 U	5 U	5 U										
4/26/2022	XX	LFXXXF1D	1 U	20 U	2 U	5 U	5 U										

LF-UD-6

4/23/2013	XX	LFUD6X5J9	1 U	1 U		1 U	1 U										
4/22/2014	XX	LFUD6X6GA	1 U	20 U		5 U	5 U										
4/28/2015	XX	LFUD6X7A0	1 U	20 U		5 U	5 U										
4/5/2016	XX	LFUD6X87B	1 U	20 U	5 U	5 U	5 U										
4/18/2017	XX	LFUD6X986	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LFUD6XA3I	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	LFUD6XB6E	1 U	20 U	5 U	5 U	5 U										
4/28/2020	XX	LFUD6XCE5	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	LFUD6XDD4	1 U	20 U	2 U	5 U	5 U										
4/26/2022	XX	LFUD6XF1E	F6	F6	F6	F6	F6										

LF-UD-7

4/23/2013	XX	LFUD7X5JA	F6	F6		F6	F6										
4/22/2014	XX	LFUD7X6GB	F6	F6		F6	F6										
4/28/2015	XX	LFUD7X7A1	F6	F6		F6	F6										
4/5/2016	XX	LFUD7X87C	F6	F6	F6	F6	F6										
4/18/2017	XX	LFUD7X987	F6	F6	F6	F6	F6										
4/3/2018	XX	LFUD7XA3J	F6	F6	F6	F6	F6										
4/23/2019	XX	LFUD7XB6F	F6	F6	F6	F6	F6										
4/28/2020	XX	LFUD7XCE6	F6	F6	F6	F6	F6										
4/6/2021	XX	LFUD7XDD5	H8	H8	H8	H8	H8										
4/26/2022	XX	LFUD7XF1F	F6	F6	F6	F6	F6										

LF-UD-8

4/23/2013	XX	LFUD8X5JD	1 U	1 U		1 U	1 U										
4/22/2014	XX	LFUD8X6GC	F12	F12		F12	F12										
4/28/2015	XX	LFUD8X7A2	1 U	20 U		5 U	5 U										
4/5/2016	XX	LFUD8X87D	F6	F6		F6	F6										
4/18/2017	XX	LFUD8X988	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LFUD8XA40	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	LFUD8XB6G	1 U	20 U	5 U	5 U	5 U										
4/28/2020	XX	LFUD8XCE7	F6	F6	F6	F6	F6										
4/6/2021	XX	LFUD8XDD6	F6	F6	F6	F6	F6										
4/26/2022	XX	LFUD8XF1G	F6	F6	F6	F6	F6										

(LF-UD-9)			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4- Dichloro-2- butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										

LF-UD-9																	
4/5/2016	XX	LFUD9X881	F6	F6	F6	F6	F6										
4/18/2017	XX	LFUD9X98F	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LFUD9XA47	F6	F6	F6	F6	F6										
4/23/2019	XX	LFUD9XB73	F6	F6	F6	F6	F6										
4/28/2020	XX	LFUD9XCED	F6	F6	F6	F6	F6										
4/6/2021	XX	LFUD9XDDA	F6	F6	F6	F6	F6										
4/26/2022	XX	LFUD9XF1J	F6	F6	F6	F6	F6										

LF-UD-10																	
4/3/2018	XX	LFXXXXA48	F6	F6	F6	F6	F6										
4/23/2019	XX	LFXXXXB74	F6	F6	F6	F6	F6										
4/28/2020	XX	LFXXXXCEE	F6	F6	F6	F6	F6										
4/6/2021	XX	LFXXXXDDB	F6	F6	F6	F6	F6										
4/26/2022	XX	LFXXXXF23	F6	F6	F6	F6	F6										

LP-UD-1																	
4/23/2013	XX	LPUD1X5I8	F6	F6		F6	F6										
4/22/2014	XX	LPUD1X6F9	F6	F6		F6	F6										
4/28/2015	XX	LPUD1X794	F6	F6		F6	F6										
4/5/2016	XX	LPUD1X86F	F6	F6	F6	F6	F6										
4/18/2017	XX	LPUD1X97A	F6	F6	F6	F6	F6										
4/3/2018	XX	LPUD1XA32	F6	F6	F6	F6	F6										
4/23/2019	XX	LPUD1XB5I	1 U	20 U	5 U	5 U	5 U										
4/28/2020	XX	LPUD1XCDA	F6	F6	F6	F6	F6										
4/6/2021	XX	LPUD1XDC9	F6	F6	F6	F6	F6										
4/26/2022	XX	LPUD1XF11	F6	F6	F6	F6	F6										

LP-UD-2																	
4/23/2013	XX	LPUD2X5I9	1 U	1 U		1 U	1 U										
4/22/2014	XX	LPUD2X6FA	1 U	20 U		5 U	5 U										
4/28/2015	XX	LPUD2X795	1 U	20 U		5 U	5 U										
4/5/2016	XX	LPUD2X86G	1 U	20 U	5 U	5 U	5 U										
4/18/2017	XX	LPUD2X97B	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	LPUD2XA33	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	LPUD2XB5J	1 U	20 U	5 U	5 U	5 U										
4/28/2020	XX	LPUD2XCDB	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	LPUD2XDCA	1 U	20 U	2 U	5 U	5 U										
4/26/2022	XX	LPUD2XF12	1 U	20 U	2 U	5 U	5 U										

MW-04-09A																	
2/26/2020	XX	GWX09AC56	1 U	20 U	2 U	5 U	5 U										
4/30/2020	XX	GWX09ACC1	1 U	20 U	2 U	5 U	5 U										
6/23/2020	XX	GWX09ACGC	1 U	20 U	2 U	5 U	5 U										
8/20/2020	XX	GWX09AD1J	1 U	20 U	2 U	5 U	5 U										

MW-04-09B																	
2/26/2020	XX	GWX09BC57	1 U	20 U	2 U	5 U	5 U										
4/30/2020	XX	GWX09BCC2	1 U	20 U	2 U	5 U	5 U										

MW06-01																	

(MW06-01)			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4- Dichloro-2- butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										
4/10/2018	XD	GWDP1XA68	1 U	20 U	5 U	5 U	5 U										
4/10/2018	XX	GWXXXXA70	1 U	20 U	5 U	5 U	5 U										
6/4/2018	XX	GWXXXXA7H	1 U	20 U	5 U	5 U	5 U										

MW-08-01															
2/9/2021	XX	GWXXXXA0	1 U	20 U	2 U	5 U	5 U								
4/7/2021	XX	GWXXXXAJ	1 U	20 U	2 U	5 U	5 U								
6/9/2021	XX	GWXXXXDH2	1 U	20 U	2 U	5 U	5 U								
8/19/2021	XX	GWXXXXE4G	1 U	20 U	2 U	5 U	5 U								

MW-204															
4/24/2013	XX	GW204X5ID	1 U	1 U		1 U	1 U								

MW-303 & MW12-303R															
6/18/2015	XX	42173-1	1 U	20 U		5 U	5 U								

MW-401B															
4/22/2013	XX	GW401B5I2	1 U	1 U		1 U	1 U								
4/22/2013	XD	GWDP4X5I5	1 U	1 U		1 U	1 U								
4/21/2014	XX	GW401B6F3	1 U	20 U		5 U	5 U								
4/21/2014	XD	GWDP4X6F6	1 U	20 U		5 U	5 U								
4/27/2015	XX	GW401B78I	1 U	20 U		5 U	5 U								
4/27/2015	XD	GWDP4X79I	1 U	20 U		5 U	5 U								
4/6/2016	XD	GWDP4X86C	1 U	20 U	5 U	5 U	5 U								
4/6/2016	XX	GW401B869	1 U	20 U	5 U	5 U	5 U								
4/17/2017	XD	GWDP4X977	1 U	20 U	5 U	5 U	5 U								
4/17/2017	XX	GW401B974	1 U	20 U	5 U	5 U	5 U								
4/2/2018	XD	GWDP4XA2J	1 U	20 U	5 U	5 U	5 U								
4/2/2018	XX	GW401BA2G	1 U	20 U	5 U	5 U	5 U								
4/22/2019	XD	GWDP4XB5F	1 U	20 U	5 U	5 U	5 U								
4/22/2019	XX	GW401BB5C	1 U	20 U	5 U	5 U	5 U								
4/27/2020	XD	GWDP4XCD7	1 U	20 U	2 U	5 U	5 U								
4/27/2020	XX	GW401BCD4	1 U	20 U	2 U	5 U	5 U								
4/5/2021	XD	GWDP4XDC6	1 U	20 U	2 U	5 U	5 U								
4/5/2021	XX	GW401BDC3	1 U	20 U	2 U	5 U	5 U								
4/25/2022	XD	GWDP1XF0I	1 U	20 U	2 U	5 U	5 U								
4/25/2022	XX	GW401BF0F	1 U	20 U	2 U	5 U	5 U								

MW-501															
4/5/2018	XX	GW501XA6I	1 U	20 U	5 U	5 U	5 U								
6/4/2018	XX	GW501XA7F	1 U	20 U	5 U	5 U	5 U								

MW-502															
2/26/2020	XD	GWDP1XC52	1 U	20 U	2 U	5 U	5 U								
2/26/2020	XX	GW502XC55	1 U	20 U	2 U	5 U	5 U								
4/30/2020	XX	GW502XCBJ	1 U	20 U	2 U	5 U	5 U								

MW-503															
2/9/2021	XX	GW503XD9A	1 U	20 U	2 U	5 U	5 U								
4/8/2021	XX	GW503XDA9	1 U	20 U	2 U	5 U	5 U								
6/8/2021	XX	GW503XDGC	1 U	20 U	2 U	5 U	5 U								
8/19/2021	XX	GW503XE46	1 U	20 U	2 U	5 U	5 U								

			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										

MW-504																	
2/9/2021	XD	GWDP1XD94	1 U	20 U	2 U	5 U	5 U										
2/9/2021	XX	GW504XD9B	1 U	20 U	2 U	5 U	5 U										
4/7/2021	XX	GW504XDAA	1 U	20 U	2 U	5 U	5 U										
6/9/2021	XD	GWDP1XDG9	1 U	20 U	2 U	5 U	5 U										
6/9/2021	XX	GW504XDGD	1 U	20 U	2 U	5 U	5 U										
8/19/2021	XX	GW504XE47	1 U	20 U	2 U	5 U	5 U										

MW-505																	
2/10/2021	XX	GW505XD9C	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XX	GW505XDAB	1 U	20 U	2 U	5 U	5 U										
6/9/2021	XX	GW505XDGE	1 U	20 U	2 U	5 U	5 U										
8/18/2021	XX	GW505XE48	1 U	20 U	2 U	5 U	5 U										

MW-506																	
2/18/2021	XX	GW506XD9D	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XX	GW506XDAC	1 U	20 U	2 U	5 U	5 U										
6/8/2021	XX	GW506XDGF	F16	F16	F16	F16	F16										
7/14/2021	XX	GW506XE38	1 U	20 U	2 U	5 U	5 U										
9/1/2021	XX	GW506XE49	1 U	20 U	2 U	5 U	5 U										

MW-507																	
4/5/2018	XX	GW507XA6J	1 U	20 U	5 U	5 U	5 U										
6/5/2018	XX	GW507XA7G	1 U	20 U	5 U	5 U	5 U										
8/20/2018	XX	GW507XAFF	1 U	20 U	5 U	5 U	5 U										

OW-06-03																	
4/10/2018	XX	GWXXXXA73	1 U	20 U	5 U	5 U	5 U										
6/5/2018	XX	GWXXXXA80	I	I	I	I	I										
7/19/2018	XX	GWXXXXAEI	I	I	I	I	I										

OW-601A																	
4/11/2018	XX	GW601AA69	1 U	20 U	5 U	5 U	5 U										
6/6/2018	XX	GW601AA76	1 U	20 U	5 U	5 U	5 U										
7/19/2018	XX	GW601AAE4	1 U	20 U	5 U	5 U	5 U										

OW-601B																	
4/11/2018	XX	GW601BA6A	1 U	20 U	5 U	5 U	5 U										
6/6/2018	XX	GW601BA77	1 U	20 U	5 U	5 U	5 U										

OW-602A																	
4/11/2018	XX	GW602AA6B	1 U	20 U	5 U	5 U	5 U										
6/6/2018	XD	GWDP1XA75	1 U	20 U	5 U	5 U	5 U										
6/6/2018	XX	GW602AA78	1 U	20 U	5 U	5 U	5 U										

OW-603B																	
4/12/2018	XX	GW603BA6C	1 U	20 U	5 U	5 U	5 U										
6/5/2018	XX	GW603BA79	1 U	20 U	5 U	5 U	5 U										

OW-604A																	
4/12/2018	XX	GW604AA6D	1 U	20 U	5 U	5 U	5 U										
6/4/2018	XX	GW604AA7A	1 U	20 U	5 U	5 U	5 U										

			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										

OW-605A																	
4/10/2018	XX	GW605AA6E	1 U	20 U	5 U	5 U	5 U										
6/5/2018	XX	GW605AA7B	1 U	20 U	5 U	5 U	5 U										

OW-606A																	
4/3/2018	XX	GW606AA6F	1 U	20 U	5 U	5 U	5 U										
6/4/2018	XX	GW606AA7C	1 U	20 U	5 U	5 U	5 U										

OW-606B																	
2/9/2021	XX	GW606BD9E	F	F	F	F	F										
4/8/2021	XX	GW606BDAD	1 U	20 U	2 U	5 U	5 U										
6/8/2021	XX	GW606BDGG	1 U	20 U	2 U	5 U	5 U										
7/14/2021	XX	GW606BE37	1 U	20 U	2 U	5 U	5 U										
8/18/2021	XX	GW606BE4A	1 U	20 U	2 U	5 U	5 U										

OW-607B																	
2/9/2021	XX	GW607BD9F	1 U	20 U	2 U	5 U	5 U										
4/7/2021	XX	GW607BDAE	1 U	20 U	2 U	5 U	5 U										
6/9/2021	XX	GW607BDGH	1 U	20 U	2 U	5 U	5 U										
8/19/2021	XX	GW607BE4B	1 U	20 U	2 U	5 U	5 U										

OW-608A																	
4/4/2018	XX	GW608AA6G	1 U	20 U	5 U	5 U	5 U										
6/4/2018	XX	GW608AA7D	1 U	20 U	5 U	5 U	5 U										

OW-608B																	
2/10/2021	XX	GW608BD9G	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XD	GWDP1XDA6	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XX	GW608BDAF	1 U	20 U	2 U	5 U	5 U										
6/8/2021	XX	GW608BDGI	1 U	20 U	2 U	5 U	5 U										
8/17/2021	XD	GWDP1XE43	1 U	20 U	2 U	5 U	5 U										
8/17/2021	XX	GW608BE4C	1 U	20 U	2 U	5 U	5 U										

OW-609B																	
2/10/2021	XX	GW609BD9H	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XX	GW609BDAG	1 U	20 U	2 U	5 U	5 U										
6/8/2021	XX	GW609BDGJ	1 U	20 U	2 U	5 U	5 U										
8/17/2021	XX	GW609BE4D	1 U	20 U	2 U	5 U	5 U										

OW-611A																	
4/4/2018	XX	GW611AA6H	1 U	20 U	5 U	5 U	5 U										
6/5/2018	XX	GW611AA7E	1 U	20 U	5 U	5 U	5 U										

P-04-02																	
4/22/2013	XX	GWXXXX5II	!	!		!	!										

P-04-11A																	
2/10/2021	XX	GWXXXXD9I	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XX	GWXXXXDAH	1 U	20 U	2 U	5 U	5 U										
6/9/2021	XX	GWXXXXDH0	1 U	20 U	2 U	5 U	5 U										
8/18/2021	XX	GWXXXXE4E	1 U	20 U	2 U	5 U	5 U										

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

(P-04-11B)		1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane											
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										

P-04-11B																					
2/10/2021	XX	GWXXXXD9J	1 U	20 U	2 U	5 U	5 U														
4/8/2021	XX	GWXXXXDAI	1 U	20 U	2 U	5 U	5 U														
6/9/2021	XX	GWXXXXDH1	1 U	20 U	2 U	5 U	5 U														
8/18/2021	XX	GWXXXXE4F	1 U	20 U	2 U	5 U	5 U														

QCBT																					
4/22/2013	XX	BTXXXX5J3	1 U	1 U		1 U	1 U														
4/23/2013	XX	BTXXXX5J4	1 U	1 U		1 U	1 U														
4/24/2013	XX	BTXXXX5J8	1 U	1 U		1 U	1 U														
7/30/2013	XX	BTXXXX65D	2.5 U	5 U		2.5 U	5 U														
10/29/2013	XX	BTXXXX68C	1 U	20 U		5 U	5 U														
4/21/2014	XX	BTXXXX6G4	1 U	20 U		5 U	5 U														
4/22/2014	XX	BTXXXX6G5	1 U	20 U		5 U	5 U														
7/30/2014	XX	BTXXXX70B	1 U	20 U		5 U	5 U														
10/21/2014	XX	BTXXXX748	1 U	20 U		5 U	5 U														
4/27/2015	XX	BTXXXX79E	1 U	20 U		5 U	5 U														
4/27/2015	XX	BTXXXX79F	1 U	20 U		5 U	5 U														
4/27/2015	XX	BTXXXX79J	1 U	20 U		5 U	5 U														
7/15/2015	XX	BTXXXX7DB	1 U	20 U		5 U	5 U														
10/27/2015	XX	BTXXXX7II	1 U	20 U		5 U	5 U														
4/5/2016	XX	BTXXXX87GX	1 U	20 U	5 U	5 U	5 U														
4/5/2016	XX	BTXXXX876	1 U	20 U	5 U	5 U	5 U														
4/6/2016	XX	BTXXXX875	1 U	20 U	5 U	5 U	5 U														
7/26/2016	XX	BTXXXX8BF	1 U	20 U	5 U	5 U	5 U														
10/25/2016	XX	BTXXXX8JE	1 U	20 U	5 U	5 U	5 U														
4/17/2017	XX	BTXXXX985	1 U	20 U	5 U	5 U	5 U														
4/18/2017	XX	BTXXXX980	1 U	20 U	5 U	5 U	5 U														
4/18/2017	XX	BTXXXX981	1 U	20 U	5 U	5 U	5 U														
7/25/2017	XX	BTXXXX9DI	1 U	20 U	5 U	5 U	5 U														
10/24/2017	XX	BTXXXX9HD	1 U	20 U	5 U	5 U	5 U														
4/2/2018	XX	BTXXXXA3C	1 U	20 U	5 U	5 U	5 U														
4/3/2018	XX	BTXXXXA3H	1 U	20 U	5 U	5 U	5 U														
4/3/2018	XX	BTXXXXHHD	1 U	20 U	5 U	5 U	5 U														
4/3/2018	XX	BTXXXXHG3	1 U	20 U	5 U	5 U	5 U														
4/4/2018	XX	BTXXXXA5F	1 U	20 U	5 U	5 U	5 U														
4/5/2018	XX	BTXXXXA71	1 U	20 U	5 U	5 U	5 U														
4/10/2018	XX	BTXXXXA72	1 U	20 U	5 U	5 U	5 U														
4/11/2018	XX	BTXXXXHHB	1 U	20 U	5 U	5 U	5 U														
4/12/2018	XX	BTXXXXHHC	1 U	20 U	5 U	5 U	5 U														
6/4/2018	XX	BTXXXXA74	1 U	20 U	5 U	5 U	5 U														
6/5/2018	XX	BTXXXXA71	1 U	20 U	5 U	5 U	5 U														
6/6/2018	XX	BTXXXXA7J	1 U	20 U	5 U	5 U	5 U														
7/17/2018	XX	BTXXXXACD	1 U	20 U	5 U	5 U	5 U														
7/19/2018	XX	BTXXXXAE2	1 U	20 U	5 U	5 U	5 U														
8/20/2018	XX	BTXXXXAF3	1 U	20 U	5 U	5 U	5 U														
10/2/2018	XX	BTXXXXB1B	1 U	20 U	5 U	5 U	5 U														
4/22/2019	XX	BTXXXXB6D	1 U	20 U	5 U	5 U	5 U														
4/23/2019	XX	BTXXXXB68	1 U	20 U	5 U	5 U	5 U														

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(QCBT)			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4- Dichloro-2- butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										
4/23/2019	XX	BTXXXXB69	1 U	20 U	5 U	5 U	5 U										
7/16/2019	XX	BTXXXXBCJ	1 U	20 U	5 U	5 U	5 U										
10/29/2019	XX	BTXXXXBIC	1 U	20 U	5 U	5 U	5 U										
2/25/2020	XX	BTXXXXC86	1 U	20 U	2 U	5 U	5 U										
2/26/2020	XX	BTXXXXC5G	1 U	20 U	2 U	5 U	5 U										
4/27/2020	XX	BTXXXXCDJ	1 U	20 U	2 U	5 U	5 U										
4/28/2020	XX	BTXXXXCE0	1 U	20 U	2 U	5 U	5 U										
4/28/2020	XX	BTXXXXCE4	1 U	20 U	2 U	5 U	5 U										
4/30/2020	XX	BTXXXXCC3	1 U	20 U	2 U	5 U	5 U										
6/23/2020	XX	BTXXXXCGE	1 U	20 U	2 U	5 U	5 U										
7/21/2020	XX	BTXXXXCIC	1 U	20 U	2 U	5 U	5 U										
7/21/2020	XX	BTXXXXCGH	1 U	20 U	2 U	5 U	5 U										
8/20/2020	XX	BTXXXXD21	1 U	20 U	2 U	5 U	5 U										
10/27/2020	XX	BTXXXXD3G	1 U	20 U	2 U	5 U	5 U										
1/5/2021	XX	BTXXXXD8F	1 U	20 U	2 U	5 U	5 U										
2/9/2021	XX	BTXXXXD98	1 U	20 U	2 U	5 U	5 U										
2/10/2021	XX	BTXXXXD99	1 U	20 U	2 U	5 U	5 U										
2/18/2021	XX	BTXXXXDA5	1 U	20 U	2 U	5 U	5 U										
4/5/2021	XX	BTXXXXDCI	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	BTXXXXDCJ	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	BTXXXXDDJ	1 U	20 U	2 U	5 U	5 U										
4/7/2021	XX	BTXXXXDA7	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XX	BTXXXXDA8	1 U	20 U	2 U	5 U	5 U										
6/8/2021	XX	BTXXXXDGA	1 U	20 U	2 U	5 U	5 U										
6/9/2021	XX	BTXXXXDGB	1 U	20 U	2 U	5 U	5 U										
7/13/2021	XX	BTXXXXE0B	1 U	20 U	2 U	5 U	5 U										
7/13/2021	XX	BTXXXXE2A	1 U	20 U	2 U	5 U	5 U										
7/14/2021	XX	BTXXXXE1F	1 U	20 U	2 U	5 U	5 U										
8/17/2021	XX	BTXXXXE44	1 U	20 U	2 U	5 U	5 U										
8/18/2021	XX	BTXXXXE45	1 U	20 U	2 U	5 U	5 U										
8/19/2021	XX	BTXXXXE50	1 U	20 U	2 U	5 U	5 U										
9/1/2021	XX	BTXXXXE51	1 U	20 U	2 U	5 U	5 U										
10/5/2021	XX	BTXXXXE6I	1 U	20 U	2 U	5 U	5 U										
10/26/2021	XX	BTXXXXED3	1 U	20 U	2 U	5 U	5 U										
1/26/2022	XX	BTXXXXEJH	1 U	20 U	2 U	5 U	5 U										
4/25/2022	XX	BTXXXXF2B	1 U	20 U	2 U	5 U	5 U										
4/26/2022	XX	BTXXXXF3J	1 U	20 U	2 U	5 U	5 U										
5/26/2022	XX	BTXXXXF44	1 U	20 U	2 U	5 U	5 U										
5/26/2022	XX	BTXXXXF1A	1 U	20 U	2 U	5 U	5 U										
7/19/2022	XX	BTXXXXFE7	1 U	20 U	2 U	5 U	5 U										
7/19/2022	XX	BTXXXXFE4	1 U	20 U	2 U	5 U	5 U										
10/3/2022	XX	BTXXXXG0A	1 U	20 U	2 U	5 U	5 U										
10/4/2022	XX	BTXXXXFJ9	1 U	20 U	2 U	5 U	5 U										
10/4/2022	XX	BTXXXXG23	1 U	20 U	2 U	5 U	5 U										
10/5/2022	XX	BTXXXXG1G	1 U	20 U	2 U	5 U	5 U										

REPORT PREPARED: 4/10/2023 07:19 FOR: Juniper Ridge Landfill		SUMMARY REPORT VOA Parameters Part 4 of 4			Page 9 of 9 SEVEE & MAHER ENGINEERS, INC. 4 BLANCHARD ROAD CUMBERLAND CENTER, ME 04021	
(QCBT)		1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- ! - The sampling location was damaged or destroyed.
- F - The sampling location was frozen.
- F12- Pipe under water, no sample taken.
- F16- Could not pump water to surface for testing/sampling
- F6- No flow. Sample not taken.
- H8- No flow from pipe. See LF-COMP for readings
 - I - The sampling location yielded insufficient quantity to collect a sample.
- U - Not Detected above the laboratory reporting limit.

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SUMMARY REPORT
 Methane

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

(LF-LD-11) Methane
 ug/L

Date Type Sample ID

LF-LD-11

7/13/2021	XX	LFXXXXE1C	59																
10/5/2021	XX	LFXXXXE88	25																
7/19/2022	XX	LFXXXXFA9	20 U																

LF-LD-12

7/13/2021	XX	LFXXXXE1D	170																
10/5/2021	XX	LFXXXXE89	48																
7/19/2022	XX	LFXXXXFAA	240																

LF-LD-13

7/19/2022	XX	LFXXXXFB4	53																
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MW-04-09A

7/15/2021	XX	GWXXXXE20	20 U																
10/7/2021	XX	GWX09AE86	20 U																
4/27/2022	XX	GWX09AF2C	20 U																
7/20/2022	XX	GWXXXXFAF	20 U																
10/5/2022	XX	GWX09AG0B	20 U																

MW-04-09B

7/15/2021	XX	GWXXXXE21	20 U																
10/7/2021	XD	GWDP5XE8E	20 U																
10/7/2021	XX	GWX09BE87	20 U																
4/27/2022	XD	GWDP5XF30	20 U																
4/27/2022	XX	GWX09BF2D	20 U																
7/20/2022	XX	GWXXXXFAG	20 U																
10/5/2022	XD	GWDP5XG0J	20 U																
10/5/2022	XX	GWX09BG0C	20 U																

MW06-01

4/7/2021	XX	GWXXXXDI	20 U																
7/20/2022	XX	GWXXXXFA7	62																

MW-08-01

2/9/2021	XX	GWXXXXA0	20 U																
4/7/2021	XX	GWXXXXAJ	20 U																
6/9/2021	XX	GWXXXXDH2	20 U																
8/19/2021	XX	GWXXXXE4G	20 U																
10/4/2021	XX	GWXXXXE9B	20 U																
4/27/2022	XX	GWXXXXF3G	20 U																
7/21/2022	XX	GWXXXXFBD	20 U																
10/5/2022	XX	GWXXXXG1F	20 U																

MW-206

7/14/2021	XX	GW206XDIG	20 U																
10/4/2021	XX	GWXXXXE8D	20 U																
4/25/2022	XX	GWXXXXF2J	20 U																
7/18/2022	XX	GW206XF7E	20 U																
10/3/2022	XX	GWXXXXG0I	20 U																

MW-223A

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 Methane

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

(MW-223A)			Methane																	
			ug/L																	
Date	Type	Sample ID																		

7/30/2013	XX	GW223A63A	6.6 U																
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MW-223B

7/30/2013	XX	GW223B64J	40.6																
10/29/2013	XX	GW223B67C	9.2																
4/22/2014	XX	GW223B6FF	20 U																
7/29/2014	XX	GW223B700	20 U																
10/21/2014	XX	GW223B73C	30																
4/28/2015	XX	GW223B798	20 U																
7/14/2015	XX	GW223B7D0	20 U																
10/27/2015	XX	GW223B7I9	20 U																
4/5/2016	XX	GW223B86J	20 U																
4/18/2017	XX	GW223B97E	20 U																
4/3/2018	XX	GW223BA36	20 U																
4/23/2019	XX	GW223BB62	20 U																
7/16/2019	XX	GW223BBCD	20 U																
10/29/2019	XX	GW223BBI6	20 U																
4/28/2020	XX	GW223BCDD	20 U																
7/21/2020	XX	GW223BCI6	20 U																
10/27/2020	XX	GW223BD3A	20 U																
4/6/2021	XX	GW223BDCC	20 U																
7/13/2021	XX	GW223BE04	20 U																
10/5/2021	XX	GW223BE6C	20 U																
4/26/2022	XX	GW223BF14	20 U																
7/19/2022	XX	GW223BF92	20 U																
10/4/2022	XX	GW223BFJ3	20 U																

MW-302R

7/29/2013	XX	GW302X64H	6.6 U																
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MW-303 & MW12-303R

7/29/2013	XX	GW303X651	6.6 U																
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MW-501

4/7/2021	XX	GW501XDDH	20 U																
7/14/2021	XX	GW501XE18	20 U																
10/6/2021	XX	GW501XE8A	20 U																
4/27/2022	XX	GW501XF2G	20 U																
7/20/2022	XX	GW501XFA6	20 U																
10/5/2022	XX	GW501XG0F	20 U																

MW-502

7/14/2021	XX	GW502XE23	190																
10/7/2021	XX	GW502XE8B	37																
4/27/2022	XX	GW502XF2H	20 U																
7/20/2022	XX	GW502XFAI	20 U																
10/5/2022	XX	GW502XG0G	20 U																

MW-503

2/9/2021	XX	GW503XD9A	20 U																
4/8/2021	XX	GW503XDA9	20 U																
6/8/2021	XX	GW503XDGC	20 U																

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 Methane

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 CUMBERLAND CENTER, ME 04021

(OW-06-03)		Methane																
		ug/L																
Date	Type	Sample ID																
7/20/2022	XX	GWXXXXFA5	I															
OW-601A																		
7/12/2021	XX	GW601ADIH	20 U															
7/21/2022	XX	GW601AF7F	20 U															
OW-601B																		
7/12/2021	XD	GWDP4XDJI	20 U															
7/12/2021	XX	GW601BE13	20 U															
7/21/2022	XD	GWDP4XF8G	20 U															
7/21/2022	XX	GW601BFA1	20 U															
OW-602A																		
7/12/2021	XX	GW602AE14	41															
7/21/2022	XX	GW602AFA2	20 U															
OW-603B																		
7/13/2021	XX	GW603BE15	D															
10/6/2021	XX	GW603BE7J	D															
7/21/2022	XX	GW603BFA3	D															
OW-604A																		
7/14/2021	XX	GW604AE16	20 U															
7/21/2022	XX	GW604AFA4	20 U															
OW-605A																		
7/14/2021	XD	GWDP6XE1J	20 U															
7/14/2021	XX	GW605AE25	20 U															
10/7/2021	XX	GW605AE8G	20 U															
7/21/2022	XD	GWDP6XFAE	480															
7/21/2022	XX	GW605AFB0	430															
OW-606A																		
7/14/2021	XX	GW606AE06	20 U															
10/7/2021	XX	GW606AE8H	20 U															
7/20/2022	XX	GW606AF94	20 U															
OW-606B																		
2/9/2021	XX	GW606BD9E	F															
4/8/2021	XX	GW606BDAD	20 U															
6/8/2021	XX	GW606BDGG	20 U															
7/14/2021	XX	GW606BE37	20 U															
8/18/2021	XX	GW606BE4A	20 U															
10/7/2021	XX	GW606BE8I	20 U															
7/20/2022	XX	GW606BFB9	20 U															
OW-607B																		
2/9/2021	XX	GW607BD9F	20 U															
4/7/2021	XX	GW607BDAE	20 U															
6/9/2021	XX	GW607BDGH	20 U															
8/19/2021	XX	GW607BE4B	20 U															
10/7/2021	XX	GW607BE8J	20 U															
7/20/2022	XX	GW607BFBA	20 U															

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 Methane

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 CUMBERLAND CENTER, ME 04021

(OW-608A) Methane
 ug/L

Date Type Sample ID

OW-608A

7/15/2021	XX	GW608AE26	20 U																
10/6/2021	XX	GW608AE90	140																
7/20/2022	XX	GW608AFB1	20 U																

OW-608B

2/10/2021	XX	GW608BD9G	20 U																
4/8/2021	XD	GWDP1XDA6	20 U																
4/8/2021	XX	GW608BDAF	20 U																
6/8/2021	XX	GW608BDGI	20 U																
8/17/2021	XD	GWDP1XE43	20 U																
8/17/2021	XX	GW608BE4C	20 U																
10/6/2021	XX	GW608BE91	20 U																
7/20/2022	XX	GW608BFBB	20 U																

OW-609B

2/10/2021	XX	GW609BD9H	20 U																
4/8/2021	XX	GW609BDAG	20 U																
6/8/2021	XX	GW609BDGJ	20 U																
8/17/2021	XX	GW609BE4D	20 U																
10/7/2021	XX	GW609BE92	20 U																
7/18/2022	XX	GW609BFBC	20 U																

OW-611A

7/14/2021	XX	GW611AE27	20 U																
10/7/2021	XX	GW611AE93	20 U																
7/20/2022	XX	GW611AFB2	20 U																

P-04-11A

2/10/2021	XX	GWXXXXD9I	20 U																
4/8/2021	XX	GWXXXXDAH	20 U																
6/9/2021	XX	GWXXXXDH0	20 U																
8/18/2021	XX	GWXXXXE4E	20 U																
10/6/2021	XX	GWX11AE94	20 U																
4/27/2022	XX	GWX11AF39	20 U																
7/21/2022	XX	GWXXXXFBE	20 U																

P-04-11B

2/10/2021	XX	GWXXXXD9J	20 U																
4/8/2021	XX	GWXXXXDAI	20 U																
6/9/2021	XX	GWXXXXDH1	20 U																
8/18/2021	XX	GWXXXXE4F	20 U																
10/6/2021	XX	GWX11BE95	20 U																
4/27/2022	XX	GWX11BF3A	20 U																
7/21/2022	XX	GWXXXXFBF	D																

P-206A

7/14/2021	XX	GW206AE22	20 U																
7/18/2022	XX	GW206FAH	20 U																

PWS10-1

SUMMARY REPORT

Methane

(PWS10-1)		Methane																		
		ug/L																		
Date	Type	Sample ID																		
4/27/2015	XX	GWPWS1788	830																	
7/13/2015	XX	GWPWS17C0	4600																	
10/26/2015	XX	GWPWS17H9	440																	
4/4/2016	XX	GWPWS185J	770																	
4/17/2017	XX	GWPWS196E	40																	
4/2/2018	XX	GWPWS1A25	20 U																	
4/22/2019	XX	GWPWS1B51	79																	
7/15/2019	XX	GWPWS1BBE	130																	
10/28/2019	XX	GWPWS1BH7	20 U																	
4/27/2020	XX	GWPWS1CCE	270																	
7/21/2020	XX	GXXXXIOB	45																	
10/26/2020	XX	GWPWS1D2B	20 U																	
4/5/2021	XX	GWPWS1DBD	1600																	
7/12/2021	XX	GWPWS1DJ5	190																	
10/4/2021	XX	GWPWS1E5D	700																	
4/25/2022	XX	GWPWS1F05	1100																	
7/18/2022	XX	GWPWS1F83	2200																	
10/3/2022	XX	GWPWS1FI4	240																	
PWS10-2																				
4/27/2015	XX	GWPWS2789	50																	
7/13/2015	XX	GWPWS27C1	690																	
10/26/2015	XX	GWPWS27HA	20 U																	
4/4/2016	XX	GWPWS2860	140																	
4/17/2017	XX	GWPWS296F	220																	
4/2/2018	XX	GWPWS2A26	20 U																	
4/22/2019	XX	GWPWS2B52	20 U																	
7/15/2019	XX	GWPWS2BBF	110																	
10/28/2019	XX	GWPWS2BH8	20 U																	
4/27/2020	XX	GWPWS2CCF	20 U																	
7/20/2020	XX	GWPWS2CH8	38																	
10/26/2020	XX	GWPWS2D2C	300																	
4/5/2021	XX	GWPWS2DBE	79																	
7/12/2021	XX	GWPWS2DJ6	95																	
10/4/2021	XX	GWPWS2E5E	190																	
4/25/2022	XX	GWPWS2F06	20 U																	
7/18/2022	XX	GWPWS2F84	4800																	
10/3/2022	XX	GWPWS2FI5	92																	
PWS10-3																				
4/27/2015	XX	GWPWS378A	20 U																	
7/13/2015	XX	GWPWS37C2	260																	
10/26/2015	XX	GWPWS37HB	160																	
4/4/2016	XX	GWPWS3861	20 U																	
4/17/2017	XX	GWPWS396G	20 U																	
4/2/2018	XX	GWPWS3A27	20 U																	
4/22/2019	XX	GWPWS3B53	20 U																	
7/15/2019	XX	GWPWS3BBG	280																	
10/28/2019	XX	GWPWS3BH9	20 U																	
4/27/2020	XX	GWPWS3CCG	20 U																	

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 Methane

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 CUMBERLAND CENTER, ME 04021

(PWS10-3)		Methane															
		ug/L															
Date	Type	Sample ID															
7/20/2020	XX	GWPWS3CH9	4000														
10/26/2020	XX	GWPWS3D2D	44														
4/5/2021	XX	GWPWS3DBF	400														
7/12/2021	XX	GWPWS3DJ7	140														
10/4/2021	XX	GWPWS3E5F	130														
4/25/2022	XX	GWPWS3F07	20 U														
7/18/2022	XX	GWPWS3F85	1300														
10/3/2022	XX	GWPWS3F16	250														

QCBT																	
Date	Type	Sample ID															
2/9/2021	XX	BTXXXXA2	20 U														
2/10/2021	XX	BTXXXXA3	20 U														
2/18/2021	XX	BTXXXXA4	20 U														
4/5/2021	XX	BTXXXXF8	20 U														
4/6/2021	XX	BTXXXXF9	20 U														
4/7/2021	XX	BTXXXXFA	20 U														
4/7/2021	XX	BTXXXXB0	20 U														
4/8/2021	XX	BTXXXXB1	20 U														
6/8/2021	XX	BTXXXXH3	20 U														
6/9/2021	XX	BTXXXXH4	20 U														
7/12/2021	XX	BTXXXXE1G	20 U														
7/13/2021	XX	BTXXXXE1H	20 U														
7/14/2021	XX	BTXXXXE1I	20 U														
7/14/2021	XX	BTXXXXE1E	20 U														
7/14/2021	XX	BTXXXXE28	20 U														
8/17/2021	XX	BTXXXXE4J	20 U														
8/18/2021	XX	BTXXXXE4H	20 U														
8/19/2021	XX	BTXXXXE4I	20 U														
9/1/2021	XX	BTXXXXE52	20 U														
4/25/2022	XX	BTXXXXF41	20 U														
4/26/2022	XX	BTXXXXF42	20 U														
4/27/2022	XX	BTXXXXI80	20 U														
7/18/2022	XX	BTXXXXFAB	20 U														
7/19/2022	XX	BTXXXXFAC	20 U														
7/20/2022	XX	BTXXXXFAD	20 U														
7/21/2022	XX	BTXXXXFB3	20 U														
10/3/2022	XX	BTXXXXG1I	20 U														
10/4/2022	XX	BTXXXXG1J	20 U														
10/5/2022	XX	BTXXXXG2I	20 U														

Leachate Locations

(LT-C4L & LT-C4LR)			Total Kjeldahl Nitrogen	Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Sulfide	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Nitrite/Nitrate - (N)	Chemical Oxygen Demand
Date	Type	Sample ID	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

LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	697	574	30 U		10700	34	200 U	2.3	2424	2950	2950	935	1750		3280
7/30/2013	XX	LTC4LX641	742	630	1210	1.39	15050	625	400 U	78		3700		2560	4850		8110
10/29/2013	XX	LTC4LX66E	880	840	5	0.79	17400	140	10.4	5.6		3980		2450	855		8080
4/22/2014	XX	LTC4LX6EH	520	434	45 U		8600	28	300 U	4	1889	2010	2010	364	434		1620
7/30/2014	XX	LTC4LX6J4	850	708	348		12040	64	2250			3200		761			2760
10/21/2014	XX	LTC4LX72F	820	700	30 U	0.83	13280	44	200 U	6		2740		460	448		2320
4/28/2015	XX	LTC4LX78C	800	636	48 U		10080	38	320 U	40	1738	3560	3560	580	1284		2955
7/15/2015	XX	LTC4LX7C4				2.93	17940	40	800			4710		373		10 U	
10/27/2015	XX	LTC4LX7HD				2.99	15800	17	2670			3850		363		3 U	
4/5/2016	XX	LTC4LX863	680	554	30 U		11850	119	205	16	2910	2800	2800	1426	2700		5000
7/26/2016	XX	LTC4LX8AD	550				16460	125	970			3850		1900		0.3 U	
10/25/2016	XX	LTC4LX8IC	990				14380	60	1780			3490		1150		0.05 U	
4/18/2017	XX	LTC4LX96I	1100	830	190		12732	30	640	31	2000	3700	3700	1200	890		3200
7/25/2017	XX	LTC4LX9CG	1300				15448	34	1500			4100		680		0.1 U	
10/24/2017	XX	LTC4LX9GB	1000				15836	13	2700			3400		480		0.1 U	
4/3/2018	XX	LTC4LXA2A	610	520	260		7956	25	1100	11	1400	2200	2200	360	320		1600
7/17/2018	XX	LTC4LXABB	1400				13	42	600 U			3600		450		0.5 U	
10/2/2018	XX	LTC4LXB09	1000				12960	29	2900			2900		430		0.05 U	
4/23/2019	XX	LTC4LXB56	470	330	240		8744	40	2200	29	2300	1900	1900	110	760		1400
7/16/2019	XX	LTC4LXBBI	780				12152	180	2000			3000		480		0.5 U	
10/29/2019	XX	LTC4LXBHB	660				9832	48	1900			2600		570		0.073	
4/28/2020	XX	LTC4LXCCI	730	590	210		10160	48	1300	16	1700	2400	2400	880	200		1700
7/21/2020	XX	LTC4LXCHB	780				14610	8	2000			3100		500		0.2	
10/27/2020	XX	LTC4LXD2F	660				10940	29	120			2700		1100 M10		0.05 U	
4/6/2021	XX	LTC4LXDBH	710	600	310		9970	7	1600	4.5	1300	2300	2300	330	150		1700
7/13/2021	XX	LTC4LXDJ9	660				12000	7	500 U			2900		520		0.3 U	
10/5/2021	XX	LTC4LXE5H	890				11040	4.5	32			2800		450		0.05 U	
5/26/2022	XX	LTC4LXF09	970	750	30 U		12340	40	200 U	3.5	1500	3300	3300	430	150		2300
7/19/2022	XX	LTC4LXF87	990				13120	8	20 U			3500		470		0.2 U	
10/4/2022	XX	LTC4LXF18	1000				11000	16	50			3100		370		0.15	

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

- M10- Due to a identified laboratory instrumentation malfunction, this analytical result is likely elevated—the laboratory has fixed the issue.
- U- Not Detected above the laboratory reporting limit.

	Chloride	Bromide	Cyanide												
	mg/L	mg/L	ug/L												
Date	Type	Sample ID													

LT-C4L & LT-C4LR														
4/23/2013	XX	LTC4LX5HG	5610	73.3	5									
7/30/2013	XX	LTC4LX641	24300	38.8										
10/29/2013	XX	LTC4LX66E	5970	95										
4/22/2014	XX	LTC4LX6EH	7650	63.6	5 U									
7/30/2014	XX	LTC4LX6J4	13950	39										
10/21/2014	XX	LTC4LX72F	7070	100										
4/28/2015	XX	LTC4LX78C	5420	57	5 U									
7/15/2015	XX	LTC4LX7C4	11600	10 U										
10/27/2015	XX	LTC4LX7HD	16100	30 U										
4/5/2016	XX	LTC4LX863	5910	84.1	5 U									
7/26/2016	XX	LTC4LX8AD	11100	72.7										
10/25/2016	XX	LTC4LX8IC	16100	120										
4/18/2017	XX	LTC4LX96I	12000	75	74									
7/25/2017	XX	LTC4LX9CG	12000	72										
10/24/2017	XX	LTC4LX9GB	14000	20 U										
4/3/2018	XX	LTC4LXA2A	9300	52	43									
7/17/2018	XX	LTC4LXABB	8100	83										
10/2/2018	XX	LTC4LXB09	15000	63										
4/23/2019	XX	LTC4LXB56	12000	83	17									
7/16/2019	XX	LTC4LXBBI	14000	40 U										
10/29/2019	XX	LTC4LXBHB	11000	47										
4/28/2020	XX	LTC4LXCCI	8300	52	5 U									
7/21/2020	XX	LTC4LXCHB	13000	120										
10/27/2020	XX	LTC4LXD2F	7400	77										
4/6/2021	XX	LTC4LXDBH	9900	66	5 U									
7/13/2021	XX	LTC4LXDJ9	6800	59										
10/5/2021	XX	LTC4LXE5H	4800	41										
5/26/2022	XX	LTC4LXF09	5700	69	430									
7/19/2022	XX	LTC4LXF87	6600	75										
10/4/2022	XX	LTC4LXF18	5700	84										

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.

(LT-C4L & LT-C4LR)			Aluminum	Antimony	Arsenic	Barium	Beryllium	Calcium	Chromium	Cobalt	Iron	Lead	Magnesium	Manganese			
			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															
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	0.223	0.005 U	0.102	1.285	0.0006 U	474	0.038	0.014	30.3	0.003 U	301	8.03			
7/30/2013	XX	LTC4LX641			0.137			958			179		433	23.4			
10/29/2013	XX	LTC4LX66E			0.16			860			100		532	16.7			
4/22/2014	XX	LTC4LX6EH	0.22	0.005 U	0.131	1.222	0.0006 U	329	0.049	0.016	13.2	0.022	259	2.73			
7/30/2014	XX	LTC4LX6J4			0.143			311			28.6		289	3.8			
10/21/2014	XX	LTC4LX72F			0.186			406			27.3		355	4.23			
4/28/2015	XX	LTC4LX78C	0.556	0.026	0.209	1.316	0.0012	259	0.093	0.034	11	0.095	265	1.8			
7/15/2015	XX	LTC4LX7C4			0.287			393			9.7		431	1.9			
10/27/2015	XX	LTC4LX7HD			0.29			318			5.9		307	1.6			
4/5/2016	XX	LTC4LX863	0.231	0.005 U	0.157	1.304	0.0006 U	656	0.105	0.015	60.3	0.004	309	15.9			
7/26/2016	XX	LTC4LX8AD			0.331			686			44.3		411	7.5			
10/25/2016	XX	LTC4LX8IC			0.403			541			21.7		307	5.95			
4/18/2017	XX	LTC4LX96I	0.72	0.025 U	0.54	1.5	0.003 U	300	0.025 U	0.05 U	8.5	0.03 U	300	1.8			
7/25/2017	XX	LTC4LX9CG			0.6			300			6.7		350	1.5			
10/24/2017	XX	LTC4LX9GB			0.34			310			5.4		310	2.5 U			
4/3/2018	XX	LTC4LXA2A	0.65	0.025 U	0.33	0.77	0.003 U	260	0.09	0.05 U	9	0.015 U	190	2.2			
7/17/2018	XX	LTC4LXABB			0.39			300			9.4		280	2.4			
10/2/2018	XX	LTC4LXB09			0.3			290			7.8		270	2.2			
4/23/2019	XX	LTC4LXB56	0.52	0.005 U	0.14	0.86	0.0006 U	560	0.078	0.01 U	17	0.007	230	10			
7/16/2019	XX	LTC4LXBBI			0.24			510			5.1		310	4.4			
10/29/2019	XX	LTC4LXBHB			0.23			350			12		280	4.1			
4/28/2020	XX	LTC4LXC0C	0.54	0.005 U	0.25	0.94	0.0006 U	300	0.1	0.01 U	6	0.003 U	220	1.7			
7/21/2020	XX	LTC4LXCHB			0.33			310			3.5		340	1.3			
10/27/2020	XX	LTC4LXD2F			0.24			310			7.5		250	14			
4/6/2021	XX	LTC4LXDBH	0.45	0.006	0.2	1.1	0.0033	240	0.13	0.044	5	0.035	170	3.1			
7/13/2021	XX	LTC4LXDJ9			0.35			240			5		210	2.2			
10/5/2021	XX	LTC4LXE5H			0.45			200			3.1		200	1.7			
5/26/2022	XX	LTC4LXF09	1.4	0.005 U	0.4	1	0.0012 U	250	0.21	0.011	12	0.006 U	200	16			
7/19/2022	XX	LTC4LXF87			0.42			230			5.8		230	2.2			
10/4/2022	XX	LTC4LXF18			0.33			250			6.6		220	2.8			

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.

REPORT PREPARED: 12/14/2022 07:38
 FOR: Juniper Ridge Landfill

SUMMARY REPORT
 Leachate - Metal (part 2 of 2)

Page 1 of 1
 SEVEE & MAHER ENGINEERS, INC.
 4 BLANCHARD ROAD
 CUMBERLAND CENTER, ME 04021

(LT-C4L & LT-C4LR)			Mercury	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									

LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	0.0005 U	1237	0.01	0.001 U	1844	0.004 U	0.01	0.016	0.019						
7/30/2013	XX	LTC4LX641		1234			1910										
10/29/2013	XX	LTC4LX66E		1622			2290										
4/22/2014	XX	LTC4LX6EH	0.0005 U	941	0.035	0.001 U	1633	0.004 U	0.027	0.101	0.015 U						
7/30/2014	XX	LTC4LX6J4		1140			1948										
10/21/2014	XX	LTC4LX72F		1472			2316										
4/28/2015	XX	LTC4LX78C	0.0005 U	1118	0.052	0.0021	3401	0.008 U	0.063	0.258	0.157						
7/15/2015	XX	LTC4LX7C4		1845			8135										
10/27/2015	XX	LTC4LX7HD		1247			5081										
4/5/2016	XX	LTC4LX863	0.0005 U	954	0.005 U	0.0011 U	1681	0.004 U	0.024	0.136	0.015 U						
7/26/2016	XX	LTC4LX8AD		1498			2687										
10/25/2016	XX	LTC4LX8IC		1131			2288										
4/18/2017	XX	LTC4LX96I	0.0005 U	1261	0.098	0.0055 U	3000	0.02 U	0.1	0.031	0.075 U						
7/25/2017	XX	LTC4LX9CG		1300			3100										
10/24/2017	XX	LTC4LX9GB		1300			2600										
4/3/2018	XX	LTC4LXA2A	0.0005 U	740	0.043	0.2	1500	0.02 U	0.05 U	0.051	0.075 U						
7/17/2018	XX	LTC4LXABB		1200			2700										
10/2/2018	XX	LTC4LXB09		1100			2400										
4/23/2019	XX	LTC4LXB56	0.0005 U	580	0.017	0.001 U	1300	0.004 U	0.016	0.093	0.015 U						
7/16/2019	XX	LTC4LXBBI		1000			2200										
10/29/2019	XX	LTC4LXBHB		870			1900										
4/28/2020	XX	LTC4LXC0C	0.0005 U	790	0.022	0.001 U	1700	0.004 U	0.039	0.046	0.016						
7/21/2020	XX	LTC4LXCHB		1400			2800										
10/27/2020	XX	LTC4LXD2F		900			2000										
4/6/2021	XX	LTC4LXDBH	0.0005 U	740	0.046	0.001 U	1600	0.025	0.031	0.051	0.015 U						
7/13/2021	XX	LTC4LXDJ9		930			2200										
10/5/2021	XX	LTC4LXE5H		870			2000										
5/26/2022	XX	LTC4LXF09	Y	1100	0.0082	0.0026	2400	0.004 U	0.01 U	0.014	0.047						
7/19/2022	XX	LTC4LXF87		1100			2500										
10/4/2022	XX	LTC4LXF18		1000			2100										

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.
 Y - Laboratory error, results not available.

(LT-C4L & LT-C4LR)	Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
	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
Date Type Sample ID															

LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	25 U	50 U	25 U	25 U	125 U	1310	25 U	4110	25 U	25 U					
7/30/2013	XX	LTC4LX641	250 U	100 U	100 U	100 U	300 U	4400	500 U	50 U	75 U	75 U	75 U	50 U	23000 E	50 U	50 U
10/29/2013	XX	LTC4LX66E	400 U	400 U	400 U	1000 U	1000 U	4000	400 U	200 U	20000	200 U	200 U				
4/22/2014	XX	LTC4LX6EH	40 U	40 U	40 U	100 U	100 U	1000	40 U	20 U	1400	20 U	20 U				
7/30/2014	XX	LTC4LX6J4	2 U	2 U	2 U	5 U	5 U	60	5 U	1 U	2 U	2 U	2 U	2 U	200	2 U	2 U
10/21/2014	XX	LTC4LX72F	20 U	20 U	20 U	50 U	50 U	400	20 U	10 U	1200	10 U	10 U				
4/28/2015	XX	LTC4LX78C	20 U	20 U	20 U	50 U	50 U	2400	20 U	10 U	4400	10 U	10 U				
7/15/2015	XX	LTC4LX7C4	20 U	20 U	20 U	50 U	50 U	1400	20 U	10 U	2000	10 U	10 U				
10/27/2015	XX	LTC4LX7HD	20 U	20 U	20 U	50 U	50 U	1200	20 U	10 U	1300	10 U	10 U				
4/5/2016	XX	LTC4LX863	20 U	20 U	20 U	50 U	50 U	2300	20 U	10 U	5900	10 U	10 U				
7/26/2016	XX	LTC4LX8AD	20 U	20 U	20 U	50 U	50 U	2800	20 U	10 U	8000	10 U	10 U				
10/25/2016	XX	LTC4LX8IC	2 U	2 U	2 U	5 U	5 U	2500	5 U	1 U	2 U	2 U	2 U	5	4800	2 U	2 U
4/18/2017	XX	LTC4LX96I	2 U	2 U	2 U	5 U	5 U	1900	2 U	1 U	1 U	1 U	1 U	1 U	2500	1 U	1 U
7/25/2017	XX	LTC4LX9CG	2 U	2 U	2 U	5 U	5 U	1100	2 U	1 U	1 U	1 U	1 U	4	1400	1 U	1 U
10/24/2017	XX	LTC4LX9GB	2 U	2 U	2 U	5 U	5 U	800	2 U	1 U	1 U	1 U	1 U	2	800	1 U	1 U
4/3/2018	XX	LTC4LXA2A	2 U	2 U	2 U	5 U	5.3	1700	2 U	1 U	1 U	1 U	1 U	6.1	1700	1 U	1 U
7/17/2018	XX	LTC4LXABB	2 U	2 U	2 U	5 U	5 U	230	2 U	1 U	1 U	1 U	1 U	1 U	210	1 U	1 U
10/2/2018	XX	LTC4LXB09	20 U	20 U	20 U	50 U	50 U	1000	20 U	10 U	970	10 U	10 U				
4/23/2019	XX	LTC4LXB56	40 U	40 U	40 U	100 U	100 U	2000	40 U	20 U	2000	20 U	20 U				
7/16/2019	XX	LTC4LXBBI	20 U	20 U	20 U	50 U	50 U	1200	20 U	10 U	1000	10 U	10 U				
10/29/2019	XX	LTC4LXBHB	20 U	20 U	20 U	50 U	50 U	2100	20 U	10 U	2100	10 U	10 U				
4/28/2020	XX	LTC4LXCCI	20 U	20 U	10 U	20 U	10 U	1200	20 U	5 U	10 U	10 U	10 U	10 U	1000	10 U	10 U
7/21/2020	XX	LTC4LXCHB	2 U	2 U	1 U	2 U	1.2	560	2 U	0.5 U	1 U	1 U	1 U	1.8	300	1 U	1 U
10/27/2020	XX	LTC4LXD2F	20 U	20 U	10 U	20 U	30	1700	20 U	5 U	10 U	10 U	10 U	10 U	2100	10 U	10 U
4/6/2021	XX	LTC4LXDBH	2 U	2 U	1 U	2 U	1.1	970	2 U	0.5 U	1 U	1 U	1 U	2.7	770	1 U	1 U
7/13/2021	XX	LTC4LXDJ9	2 U	2 U	1 U	2 U	1 U	800	3.6	0.5 U	1 U	1 U	1 U	1 U	660	1 U	1 U
10/5/2021	XX	LTC4LXE5H	2 U	2 U	1 U	2 U	1.9	450	2 U	0.5 U	1 U	1 U	1 U	1.7	340	1 U	1 U
5/26/2022	XX	LTC4LXF09	2 U	2 U	1 U	2 U	1 U	260	2 U	0.5 U	1 U	1 U	1 U	1.8	180	1 U	1 U
7/19/2022	XX	LTC4LXF87	2 U	2 U	1 U	2 U	1 U	100	2 U	0.5 U	1 U	1 U	1 U	1.8	92	1 U	1 U
10/4/2022	XX	LTC4LXF18	2 U	2 U	1 U	2 U	1 U	210	2 U	0.5 U	1 U	1 U	1 U	2.7	200	1 U	1 U

QCBT																	
4/22/2013	XX	BTXXX5J3	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2013	XX	BTXXX5J4	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/24/2013	XX	BTXXX5J8	1 U	2 U	1 U	1 U	5 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/30/2013	XX	BTXXX65D	2.5 U	1 U	1 U	1 U	3 U	5 U	5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	5 U	0.5 U	0.5 U
10/29/2013	XX	BTXXX68C	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/21/2014	XX	BTXXX6G4	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/22/2014	XX	BTXXX6G5	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
7/30/2014	XX	BTXXX70B	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
10/21/2014	XX	BTXXX748	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/27/2015	XX	BTXXX79E	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/27/2015	XX	BTXXX79F	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/27/2015	XX	BTXXX79J	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
7/15/2015	XX	BTXXX7DB	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
10/27/2015	XX	BTXXX7II	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	BTXXX87GX	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/5/2016	XX	BTXXX876	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U

SUMMARY REPORT
Leachate - VOAs Part 1 of 4

(QCBT)			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethene	1,1-Dichloroethane	trans-1,2-Dichloroethene	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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
4/6/2016	XX	BTXXX875	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
7/26/2016	XX	BTXXX8BF	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
10/25/2016	XX	BTXXX8JE	2 U	2 U	2 U	5 U	5 U	10 U	5 U	1 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U
4/17/2017	XX	BTXXX985	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/18/2017	XX	BTXXX980	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/18/2017	XX	BTXXX981	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/25/2017	XX	BTXXX9DI	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/24/2017	XX	BTXXX9HD	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/2/2018	XX	BTXXXA3C	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	BTXXXA3H	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	BTXXXHHD	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/3/2018	XX	BTXXXHG3	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/4/2018	XX	BTXXXA5F	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/5/2018	XX	BTXXXA71	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/10/2018	XX	BTXXXA72	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/11/2018	XX	BTXXXHNB	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/12/2018	XX	BTXXXHNC	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/4/2018	XX	BTXXXA74	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/5/2018	XX	BTXXXA71	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/6/2018	XX	BTXXXA7J	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/17/2018	XX	BTXXXACD	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/19/2018	XX	BTXXXAE2	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/20/2018	XX	BTXXXAF3	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/2/2018	XX	BTXXXB1B	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/22/2019	XX	BTXXXB6D	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	BTXXXB69	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/23/2019	XX	BTXXXB68	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/16/2019	XX	BTXXXBCJ	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/29/2019	XX	BTXXXBIC	2 U	2 U	2 U	5 U	5 U	10 U	2 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/25/2020	XX	BTXXXC86	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/26/2020	XX	BTXXXC5G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/27/2020	XX	BTXXXCDJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	BTXXXCE0	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/28/2020	XX	BTXXXCE4	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/30/2020	XX	BTXXXCC3	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/23/2020	XX	BTXXXCGE	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/21/2020	XX	BTXXXCGH	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/21/2020	XX	BTXXXCIC	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/20/2020	XX	BTXXXD21	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/27/2020	XX	BTXXXD3G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
1/5/2021	XX	BTXXXD8F	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/9/2021	XX	BTXXXD98	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/10/2021	XX	BTXXXD99	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
2/18/2021	XX	BTXXXDA5	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/5/2021	XX	BTXXXDCI	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/6/2021	XX	BTXXXDCJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/6/2021	XX	BTXXXDDJ	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/7/2021	XX	BTXXXDA7	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/8/2021	XX	BTXXXDA8	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
6/8/2021	XX	BTXXXDGA	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

(QCBT)			Chloromethane	Bromomethane	Vinyl Chloride	Chloroethane	Methylene Chloride	Acetone	Carbon Disulfide	1,1-Dichloroethane	1,1-Dichloroethane	trans-1,2-Dichloroethane	Chloroform	1,2-Dichloroethane	Methyl Ethyl Ketone	1,1,1-Trichloroethane	Carbon Tetrachloride
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
6/9/2021	XX	BTXXXXGB	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/13/2021	XX	BTXXXE0B	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/13/2021	XX	BTXXXE2A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/14/2021	XX	BTXXXE1F	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/17/2021	XX	BTXXXE44	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/18/2021	XX	BTXXXE45	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
8/19/2021	XX	BTXXXE50	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
9/1/2021	XX	BTXXXE51	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/5/2021	XX	BTXXXE6I	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/26/2021	XX	BTXXXED3	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
1/26/2022	XX	BTXXXEJH	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/25/2022	XX	BTXXXF2B	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
4/26/2022	XX	BTXXXF3J	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
5/26/2022	XX	BTXXXF44	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
5/26/2022	XX	BTXXXF1A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/19/2022	XX	BTXXXFE7	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
7/19/2022	XX	BTXXXFE4	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/3/2022	XX	BTXXXG0A	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/4/2022	XX	BTXXXFJ9	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/4/2022	XX	BTXXXG23	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U
10/5/2022	XX	BTXXXG1G	2 U	2 U	1 U	2 U	1 U	10 U	2 U	0.5 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 E - Compound exceeded upper level of calibration range and required dilution.
 U - Not Detected above the laboratory reporting limit.

(LT-C4L & LT-C4LR)	Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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

LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	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		
7/30/2013	XX	LTC4LX641	500 U	50 U	180 U	50 U	50 U	50 U	75 U	50 U	50 U	200 U	500 U	500 U	50 U	50 U	75 U
10/29/2013	XX	LTC4LX66E	2000 U	100 U	200 U	400 U	2000 U	2000 U	200 U	200 U	200 U						
4/22/2014	XX	LTC4LX6EH	200 U	10 U	20 U	40 U	200 U	200 U	20 U	20 U	20 U						
7/30/2014	XX	LTC4LX6J4	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
10/21/2014	XX	LTC4LX72F	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U	10 U
4/28/2015	XX	LTC4LX78C	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U	10
7/15/2015	XX	LTC4LX7C4	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U	10
10/27/2015	XX	LTC4LX7HD	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U	10
4/5/2016	XX	LTC4LX863	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U	20
7/26/2016	XX	LTC4LX8AD	100 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	100 U	100 U	10 U	10 U	20
10/25/2016	XX	LTC4LX8IC	10 U	0.5 U	2 U	2 U	2 U	2 U	2	2 U	2 U	50	20	2 U	2 U	17	
4/18/2017	XX	LTC4LX96I	10 U	0.5 U	1 U	0.5 U	1 U	1 U	4	0.5 U	2 U	40	10 U	1 U	1 U	14	
7/25/2017	XX	LTC4LX9CG	10 U	0.5 U	1 U	0.5 U	1 U	1 U	5	0.5 U	2 U	30	10 U	1 U	1 U	19	
10/24/2017	XX	LTC4LX9GB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	2	0.5 U	2 U	20	10 U	1 U	1 U	6	
4/3/2018	XX	LTC4LXA2A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	5.6	0.5	2 U	35	10 U	1 U	1 U	26	
7/17/2018	XX	LTC4LXABB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1	0.5 U	2 U	10 U	10 U	1 U	1 U	4.4	
10/2/2018	XX	LTC4LXB09	100 U	5 U	10 U	5 U	10 U	10 U	10 U	10 U	5 U	20 U	100 U	100 U	10 U	10 U	26
4/23/2019	XX	LTC4LXB56	200 U	10 U	20 U	10 U	20 U	20 U	20 U	20 U	10 U	40 U	200 U	200 U	20 U	20 U	25
7/16/2019	XX	LTC4LXBBI	100 U	5 U	10 U	5 U	10 U	10 U	10 U	10 U	5 U	20 U	100 U	100 U	10 U	10 U	16
10/29/2019	XX	LTC4LXBHB	100 U	5 U	10 U	5 U	10 U	10 U	10 U	10 U	5 U	20 U	100 U	100 U	10 U	10 U	53
4/28/2020	XX	LTC4LXCCI	100 U	5 U	10 U	5 U	10 U	10 U	10 U	10 U	5 U	20 U	100 U	100 U	10 U	10 U	26
7/21/2020	XX	LTC4LXCHB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	5	0.5 U	2 U	20	10 U	1 U	1 U	16
10/27/2020	XX	LTC4LXD2F	100 U	5 U	10 U	5 U	10 U	10 U	10 U	10 U	5 U	20 U	100 U	100 U	10 U	10 U	24
4/6/2021	XX	LTC4LXDBH	10 U	0.5 U	1 U	0.5 U	1 U	1 U	4.9	0.5 U	2 U	33	16	1 U	1 U	24	
7/13/2021	XX	LTC4LXDJ9	10 U	0.5 U	1 U	0.5 U	1 U	1 U	5.5	0.5 U	2 U	22	10 U	1 U	1 U	28	
10/5/2021	XX	LTC4LXE5H	10 U	0.5 U	1 U	0.5 U	1 U	1 U	3.7	0.5 U	2 U	19	10 U	1 U	1 U	17	
5/26/2022	XX	LTC4LXF09	10 U	0.5 U	1 U	0.5 U	1 U	1 U	3.7	0.5 U	2 U	21	10 U	1 U	1 U	37	
7/19/2022	XX	LTC4LXF87	10 U	0.5 U	1 U	0.5 U	1 U	1 U	3.8	0.5 U	2 U	12	10 U	1 U	1 U	74	
10/4/2022	XX	LTC4LXF18	10 U	0.5 U	1 U	0.5 U	1 U	1 U	4.8	0.5 U	2 U	10 U	10 U	1 U	1 U	16	

QCBT																	
4/22/2013	XX	BTXXX5J3	1 U	1 U	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
4/23/2013	XX	BTXXX5J4	1 U	1 U	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
4/24/2013	XX	BTXXX5J8	1 U	1 U	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
7/30/2013	XX	BTXXX65D	5 U	0.5 U	1.8 U	0.5 U	0.5 U	0.5 U	0.75 U	0.5 U	0.5 U	2 U	5 U	5 U	0.5 U	0.5 U	0.75 U
10/29/2013	XX	BTXXX68C	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/21/2014	XX	BTXXX6G4	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/22/2014	XX	BTXXX6G5	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
7/30/2014	XX	BTXXX70B	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
10/21/2014	XX	BTXXX748	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XX	BTXXX79E	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XX	BTXXX79F	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/27/2015	XX	BTXXX79J	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
7/15/2015	XX	BTXXX7DB	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
10/27/2015	XX	BTXXX7II	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX	BTXXX87GX	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/5/2016	XX	BTXXX876	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
 Leachate - VOAs Part 2 of 4

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

(QCBT)			Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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
4/6/2016	XX	BTXXXX875	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
7/26/2016	XX	BTXXXX8BF	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
10/25/2016	XX	BTXXXX8JE	10 U	0.5 U	2 U	2 U	2 U	2 U	2 U	1 U	2 U	2 U	10 U	10 U	2 U	2 U	1 U
4/17/2017	XX	BTXXXX985	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/18/2017	XX	BTXXXX980	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/18/2017	XX	BTXXXX981	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/25/2017	XX	BTXXXX9DI	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/24/2017	XX	BTXXXX9HD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/2/2018	XX	BTXXXXA3C	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	BTXXXXA3H	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	BTXXXXHHD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/3/2018	XX	BTXXXXHG3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/4/2018	XX	BTXXXXA5F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/5/2018	XX	BTXXXXA71	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/10/2018	XX	BTXXXXA72	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/11/2018	XX	BTXXXXHNB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/12/2018	XX	BTXXXXHNC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/4/2018	XX	BTXXXXA74	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/5/2018	XX	BTXXXXA71	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/6/2018	XX	BTXXXXA7J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/17/2018	XX	BTXXXXACD	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/19/2018	XX	BTXXXXAE2	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/20/2018	XX	BTXXXXAF3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/2/2018	XX	BTXXXXB1B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/22/2019	XX	BTXXXXB6D	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX	BTXXXXB69	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/23/2019	XX	BTXXXXB68	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/16/2019	XX	BTXXXXBCJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/29/2019	XX	BTXXXXBIC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/25/2020	XX	BTXXXXC86	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/26/2020	XX	BTXXXXC5G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/27/2020	XX	BTXXXXCDJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX	BTXXXXCE0	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/28/2020	XX	BTXXXXCE4	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/30/2020	XX	BTXXXXCC3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/23/2020	XX	BTXXXXCGE	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/21/2020	XX	BTXXXXCGH	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/21/2020	XX	BTXXXXCIC	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/20/2020	XX	BTXXXXD21	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/27/2020	XX	BTXXXXD3G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
1/5/2021	XX	BTXXXXD8F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/9/2021	XX	BTXXXXD98	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/10/2021	XX	BTXXXXD99	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
2/18/2021	XX	BTXXXXDA5	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/5/2021	XX	BTXXXXDCI	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/6/2021	XX	BTXXXXDCJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/6/2021	XX	BTXXXXDDJ	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/7/2021	XX	BTXXXXDA7	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/8/2021	XX	BTXXXXDA8	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
6/8/2021	XX	BTXXXXDGA	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

(QCBT)			Vinyl Acetate	Bromo dichloro methane	1,2-Dichloro propane	cis-1,3-Dichloro propene	Trichloroethene	Dibromo chloromethane	1,1,2-Trichloroethane	Benzene	trans-1,3-Dichloro propene	Bromoform	4-Methyl-2-Pentanone	2-Hexanone	Tetrachloro ethene	1,1,2,2-Tetrachloro ethane	Toluene
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
6/9/2021	XX	BTXXXXGB	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/13/2021	XX	BTXXXXE0B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/13/2021	XX	BTXXXXE2A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/14/2021	XX	BTXXXXE1F	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/17/2021	XX	BTXXXXE44	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/18/2021	XX	BTXXXXE45	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
8/19/2021	XX	BTXXXXE50	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
9/1/2021	XX	BTXXXXE51	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/5/2021	XX	BTXXXXE6I	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/26/2021	XX	BTXXXXE3	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
1/26/2022	XX	BTXXXXEJH	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/25/2022	XX	BTXXXXF2B	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
4/26/2022	XX	BTXXXXF3J	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
5/26/2022	XX	BTXXXXF44	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
5/26/2022	XX	BTXXXXF1A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/19/2022	XX	BTXXXXFE7	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
7/19/2022	XX	BTXXXXFE4	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/3/2022	XX	BTXXXXG0A	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/4/2022	XX	BTXXXXFJ9	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/4/2022	XX	BTXXXXG23	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U
10/5/2022	XX	BTXXXXG1G	10 U	0.5 U	1 U	0.5 U	1 U	1 U	1 U	1 U	0.5 U	2 U	10 U	10 U	1 U	1 U	1 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.

(LT-C4L & LT-C4LR)	Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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

LT-C4L & LT-C4LR															
4/23/2013	XX	LTC4LX5HG	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U					
7/30/2013	XX	LTC4LX641	50 U	50 U	100 U	100 U	100 U	250 U	50 U	250 U	500 U	200 U	50 U	500 U	250 U
10/29/2013	XX	LTC4LX66E	200 U	1000 U	200 U	200 U	200 U	400 U	200 U	200 U	400 U				
4/22/2014	XX	LTC4LX6EH	20 U	100 U	20 U	20 U	20 U	40 U	20 U	20 U	40 U				
7/30/2014	XX	LTC4LX6J4	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
10/21/2014	XX	LTC4LX72F	10 U	50 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U				
4/28/2015	XX	LTC4LX78C	10 U	50 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U				
7/15/2015	XX	LTC4LX7C4	10 U	50 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U				
10/27/2015	XX	LTC4LX7HD	10 U	50 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U				
4/5/2016	XX	LTC4LX863	10 U	10	10 U	10 U	10 U	400	50 U	10 U	10 U	20 U	10 U	10 U	10 U
7/26/2016	XX	LTC4LX8AD	10 U	600	50 U	10 U	10 U	20 U	10 U	10 U	10 U				
10/25/2016	XX	LTC4LX8IC	2 U	13	1 U	3	6	400	5 U	2 U	2 U	2 U	2 U	2 U	1 U
4/18/2017	XX	LTC4LX96I	1 U	7	1 U	3	6	500	5 U	1 U	1 U	2 U	1 U	0.5 U	2 U
7/25/2017	XX	LTC4LX9CG	1 U	7	1 U	5	9	500	5 U	1	1 U	2 U	1 U	0.5 U	2 U
10/24/2017	XX	LTC4LX9GB	1 U	3	1 U	2	3	400	5 U	1 U	1 U	2 U	1 U	0.5 U	2 U
4/3/2018	XX	LTC4LXA2A	1 U	7.5	1.1	5	9.6	400	5 U	1.4	1 U	2 U	1 U	0.5 U	2 U
7/17/2018	XX	LTC4LXABB	1 U	1.5	1 U	1 U	1.7	110	5 U	1 U	1 U	2 U	1 U	0.5 U	2 U
10/2/2018	XX	LTC4LXB09	10 U	10 U	10 U	10 U	11	430	50 U	10 U	10 U	20 U	10 U	5 U	20 U
4/23/2019	XX	LTC4LXB56	20 U	280	100 U	20 U	20 U	40 U	20 U	10 U	40 U				
7/16/2019	XX	LTC4LXBBI	10 U	10 U	10 U	10 U	10	390	50 U	10 U	10 U	20 U	10 U	5 U	20 U
10/29/2019	XX	LTC4LXBHB	10 U	12	10 U	10 U	10 U	370	50 U	10 U	10 U	20 U	10 U	5 U	20 U
4/28/2020	XX	LTC4LXCCI	10 U	420	20 U	10 U	10 U	5 U	10 U	5 U	20 U				
7/21/2020	XX	LTC4LXCHB	1 U	7.8	1 U	5.3	9.1	490	2 U	1.5	1 U	0.5 U	1 U	0.5 U	2 U
10/27/2020	XX	LTC4LXD2F	10 U	10 U	10 U	10 U	12	350	20 U	10 U	10 U	5 U	10 U	5 U	20 U
4/6/2021	XX	LTC4LXDBH	1 U	10	1 U	6.9	13	320	2 U	2.2	1 U	0.5 U	1 U	0.5 U	2 U
7/13/2021	XX	LTC4LXDJ9	1 U	11	1 U	8	13	480	2 U	2.5	1 U	0.5 U	1 U	0.5 U	2 U
10/5/2021	XX	LTC4LXE5H	1 U	6.6	1 U	4.7	8.5	360	2 U	1.6	1 U	0.5 U	1 U	0.5 U	2 U
5/26/2022	XX	LTC4LXF09	1 U	6.8	1 U	4.8	9	410	2 U	2.2	1 U	0.5 U	1 U	0.5 U	2 U
7/19/2022	XX	LTC4LXF87	1 U	7.7	1 U	6.3	11	420	2 U	2.5	1 U	0.5 U	1 U	0.5 U	2 U
10/4/2022	XX	LTC4LXF18	1 U	8.6	1 U	6.2	12	410	2 U	1.8	1 U	0.5 U	1 U	0.5 U	2 U

QCBT															
4/22/2013	XX	BTXXX5J3	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
4/23/2013	XX	BTXXX5J4	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
4/24/2013	XX	BTXXX5J8	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
7/30/2013	XX	BTXXX65D	0.5 U	0.5 U	1 U	1 U	1 U	2.5 U	0.5 U	2.5 U	5 U	2 U	0.5 U	5 U	2.5 U
10/29/2013	XX	BTXXX68C	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/21/2014	XX	BTXXX6G4	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/22/2014	XX	BTXXX6G5	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
7/30/2014	XX	BTXXX70B	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
10/21/2014	XX	BTXXX748	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XX	BTXXX79E	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XX	BTXXX79F	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/27/2015	XX	BTXXX79J	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
7/15/2015	XX	BTXXX7DB	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
10/27/2015	XX	BTXXX7DI	2 U	1 U	1 U	1 U	1 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	BTXXX87GX	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	1 U
4/5/2016	XX	BTXXX876	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	1 U

SUMMARY REPORT
 Leachate - VOAs Part 3 of 4

(QCBT)			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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
4/6/2016	XX	BTXXXX875	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
7/26/2016	XX	BTXXXX8BF	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
10/25/2016	XX	BTXXXX8JE	2 U	1 U	1 U	1 U	1 U	10 U	5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U
4/17/2017	XX	BTXXXX985	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/18/2017	XX	BTXXXX980	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/18/2017	XX	BTXXXX981	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/25/2017	XX	BTXXXX9DI	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
10/24/2017	XX	BTXXXX9HD	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/2/2018	XX	BTXXXXA3C	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5	2 U	1 U
4/3/2018	XX	BTXXXXA3H	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	BTXXXXHHD	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/3/2018	XX	BTXXXXHG3	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/4/2018	XX	BTXXXXA5F	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/5/2018	XX	BTXXXXA71	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/10/2018	XX	BTXXXXA72	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/11/2018	XX	BTXXXXHNB	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/12/2018	XX	BTXXXXHNC	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/4/2018	XX	BTXXXXA74	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/5/2018	XX	BTXXXXA71	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
6/6/2018	XX	BTXXXXA7J	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/17/2018	XX	BTXXXXACD	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/19/2018	XX	BTXXXXAE2	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
8/20/2018	XX	BTXXXXAF3	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
10/2/2018	XX	BTXXXXB1B	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/22/2019	XX	BTXXXXB6D	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	BTXXXXB69	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
4/23/2019	XX	BTXXXXB68	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
7/16/2019	XX	BTXXXXBCJ	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
10/29/2019	XX	BTXXXXBIC	1 U	1 U	1 U	1 U	1 U	10 U	5 U	1 U	1 U	1 U	2 U	1 U	0.5 U	2 U	1 U
2/25/2020	XX	BTXXXXC86	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/26/2020	XX	BTXXXXC5G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/27/2020	XX	BTXXXXCDJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	BTXXXXCE0	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/28/2020	XX	BTXXXXCE4	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/30/2020	XX	BTXXXXCC3	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/23/2020	XX	BTXXXXCGE	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/21/2020	XX	BTXXXXCGH	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/21/2020	XX	BTXXXXCIC	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/20/2020	XX	BTXXXXD21	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/27/2020	XX	BTXXXXD3G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
1/5/2021	XX	BTXXXXD8F	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/9/2021	XX	BTXXXXD98	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/10/2021	XX	BTXXXXD99	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
2/18/2021	XX	BTXXXXDA5	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/5/2021	XX	BTXXXXDCI	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	BTXXXXDCJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/6/2021	XX	BTXXXXDDJ	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/7/2021	XX	BTXXXXDA7	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/8/2021	XX	BTXXXXDA8	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
6/8/2021	XX	BTXXXXDGA	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

(QCBT)			Chlorobenzene	Ethylbenzene	Styrene	o-Xylene	m,p-Xylene	Tetra hydrofuran	Trichloro fluoromethane	cis-1,2-Dichloroethene	Bromochloro methane	Dibromo methane	1,2-Dibromoethane	1,1,1,2-Tetrachloro ethane	1,2,3-Trichloro propane	1,2-Dibromo-3-Chloropropane	1,4-Dichloro benzene
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
6/9/2021	XX	BTXXXXDGB	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/13/2021	XX	BTXXXE0B	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/13/2021	XX	BTXXXE2A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/14/2021	XX	BTXXXE1F	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/17/2021	XX	BTXXXE44	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/18/2021	XX	BTXXXE45	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
8/19/2021	XX	BTXXXE50	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
9/1/2021	XX	BTXXXE51	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/5/2021	XX	BTXXXE6I	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/26/2021	XX	BTXXXED3	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
1/26/2022	XX	BTXXXEJH	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/25/2022	XX	BTXXXF2B	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
4/26/2022	XX	BTXXXF3J	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
5/26/2022	XX	BTXXXF44	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
5/26/2022	XX	BTXXXF1A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/19/2022	XX	BTXXXFE7	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
7/19/2022	XX	BTXXXFE4	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/3/2022	XX	BTXXXG0A	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/4/2022	XX	BTXXXFJ9	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/4/2022	XX	BTXXXG23	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U
10/5/2022	XX	BTXXXG1G	1 U	1 U	1 U	1 U	1 U	10 U	2 U	1 U	1 U	1 U	0.5 U	1 U	0.5 U	2 U	1 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.

		(LT-C4L & LT-C4LR)	1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4-Dichloro-2-butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										

LT-C4L & LT-C4LR																					
4/23/2013	XX	LTC4LX5HG	25 U	25 U		25 U	25 U														
7/30/2013	XX	LTC4LX641	250 U	500 U		250 U	500 U														
10/29/2013	XX	LTC4LX66E	200 U	4000 U		1000 U	1000 U														
4/22/2014	XX	LTC4LX6EH	9.6 U	400 U		100 U	100 U														
7/30/2014	XX	LTC4LX6J4	1 U	20 U		5 U	5 U														
10/21/2014	XX	LTC4LX72F	10 U	200 U		50 U	50 U														
4/28/2015	XX	LTC4LX78C	10 U	200 U		50 U	50 U														
7/15/2015	XX	LTC4LX7C4	10 U	200 U		50 U	50 U														
10/27/2015	XX	LTC4LX7HD	10 U	200 U		50 U	50 U														
4/5/2016	XX	LTC4LX863	10 U	200 U	50 U	50 U	50 U														
7/26/2016	XX	LTC4LX8AD	10 U	200 U	50 U	50 U	50 U														
10/25/2016	XX	LTC4LX8IC	1 U	20 U	8	5 U	5 U														
4/18/2017	XX	LTC4LX96I	1 U	20 U	5 U	5 U	5 U														
7/25/2017	XX	LTC4LX9CG	1 U	20 U	5 U	5 U	5 U														
10/24/2017	XX	LTC4LX9GB	1 U	20 U	5 U	5 U	5 U														
4/3/2018	XX	LTC4LXA2A	1 U	20 U	5 U	5 U	5 U														
7/17/2018	XX	LTC4LXABB	1 U	20 U	5 U	5 U	5 U														
10/2/2018	XX	LTC4LXB09	10 U	200 U	50 U	50 U	50 U														
4/23/2019	XX	LTC4LXB56	20 U	400 U	100 U	100 U	100 U														
7/16/2019	XX	LTC4LXBBI	10 U	200 U	50 U	50 U	50 U														
10/29/2019	XX	LTC4LXBHB	10 U	200 U	50 U	50 U	50 U														
4/28/2020	XX	LTC4LXCCI	10 U	200 U	20 U	50 U	50 U														
7/21/2020	XX	LTC4LXCHB	1 U	20 U	6.5	5 U	5 U														
10/27/2020	XX	LTC4LXD2F	10 U	200 U	20 U	50 U	50 U														
4/6/2021	XX	LTC4LXDBH	1 U	20 U	2 U	5 U	5 U														
7/13/2021	XX	LTC4LXDJ9	1 U	20 U	9.3	5 U	5 U														
10/5/2021	XX	LTC4LXE5H	1 U	20 U	7.3	5 U	5 U														
5/26/2022	XX	LTC4LXF09	1 U	20 U	16	5 U	5 U														
7/19/2022	XX	LTC4LXF87	1 U	20 U	14	5 U	5 U														
10/4/2022	XX	LTC4LXF18	1 U	20 U	11	5 U	5 U														

QCBT																					
4/22/2013	XX	BTXXX5J3	1 U	1 U		1 U	1 U														
4/23/2013	XX	BTXXX5J4	1 U	1 U		1 U	1 U														
4/24/2013	XX	BTXXX5J8	1 U	1 U		1 U	1 U														
7/30/2013	XX	BTXXX65D	2.5 U	5 U		2.5 U	5 U														
10/29/2013	XX	BTXXX68C	1 U	20 U		5 U	5 U														
4/21/2014	XX	BTXXX6G4	1 U	20 U		5 U	5 U														
4/22/2014	XX	BTXXX6G5	1 U	20 U		5 U	5 U														
7/30/2014	XX	BTXXX70B	1 U	20 U		5 U	5 U														
10/21/2014	XX	BTXXX748	1 U	20 U		5 U	5 U														
4/27/2015	XX	BTXXX79E	1 U	20 U		5 U	5 U														
4/27/2015	XX	BTXXX79F	1 U	20 U		5 U	5 U														
4/27/2015	XX	BTXXX79J	1 U	20 U		5 U	5 U														
7/15/2015	XX	BTXXX7DB	1 U	20 U		5 U	5 U														
10/27/2015	XX	BTXXX7II	1 U	20 U		5 U	5 U														
4/5/2016	XX	BTXXX87GX	1 U	20 U	5 U	5 U	5 U														
4/5/2016	XX	BTXXX876	1 U	20 U	5 U	5 U	5 U														

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 FOR: Juniper Ridge Landfill

SUMMARY REPORT
 Leachate - VOAs Part 4 of 4

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

(QCBT)			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4- Dichloro-2- butene	Iodomethane										
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L										
4/6/2016	XX	BTXXXX875	1 U	20 U	5 U	5 U	5 U										
7/26/2016	XX	BTXXXX8BF	1 U	20 U	5 U	5 U	5 U										
10/25/2016	XX	BTXXXX8JE	1 U	20 U	5 U	5 U	5 U										
4/17/2017	XX	BTXXXX985	1 U	20 U	5 U	5 U	5 U										
4/18/2017	XX	BTXXXX980	1 U	20 U	5 U	5 U	5 U										
4/18/2017	XX	BTXXXX981	1 U	20 U	5 U	5 U	5 U										
7/25/2017	XX	BTXXXX9DI	1 U	20 U	5 U	5 U	5 U										
10/24/2017	XX	BTXXXX9HD	1 U	20 U	5 U	5 U	5 U										
4/2/2018	XX	BTXXXXA3C	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	BTXXXXA3H	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	BTXXXXHHD	1 U	20 U	5 U	5 U	5 U										
4/3/2018	XX	BTXXXXHG3	1 U	20 U	5 U	5 U	5 U										
4/4/2018	XX	BTXXXXA5F	1 U	20 U	5 U	5 U	5 U										
4/5/2018	XX	BTXXXXA71	1 U	20 U	5 U	5 U	5 U										
4/10/2018	XX	BTXXXXA72	1 U	20 U	5 U	5 U	5 U										
4/11/2018	XX	BTXXXXHNB	1 U	20 U	5 U	5 U	5 U										
4/12/2018	XX	BTXXXXHHC	1 U	20 U	5 U	5 U	5 U										
6/4/2018	XX	BTXXXXA74	1 U	20 U	5 U	5 U	5 U										
6/5/2018	XX	BTXXXXA71	1 U	20 U	5 U	5 U	5 U										
6/6/2018	XX	BTXXXXA7J	1 U	20 U	5 U	5 U	5 U										
7/17/2018	XX	BTXXXXACD	1 U	20 U	5 U	5 U	5 U										
7/19/2018	XX	BTXXXXAE2	1 U	20 U	5 U	5 U	5 U										
8/20/2018	XX	BTXXXXAF3	1 U	20 U	5 U	5 U	5 U										
10/2/2018	XX	BTXXXXB1B	1 U	20 U	5 U	5 U	5 U										
4/22/2019	XX	BTXXXXB6D	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	BTXXXXB69	1 U	20 U	5 U	5 U	5 U										
4/23/2019	XX	BTXXXXB68	1 U	20 U	5 U	5 U	5 U										
7/16/2019	XX	BTXXXXBCJ	1 U	20 U	5 U	5 U	5 U										
10/29/2019	XX	BTXXXXBIC	1 U	20 U	5 U	5 U	5 U										
2/25/2020	XX	BTXXXXC86	1 U	20 U	2 U	5 U	5 U										
2/26/2020	XX	BTXXXXC5G	1 U	20 U	2 U	5 U	5 U										
4/27/2020	XX	BTXXXXCDJ	1 U	20 U	2 U	5 U	5 U										
4/28/2020	XX	BTXXXXCE0	1 U	20 U	2 U	5 U	5 U										
4/28/2020	XX	BTXXXXCE4	1 U	20 U	2 U	5 U	5 U										
4/30/2020	XX	BTXXXXCC3	1 U	20 U	2 U	5 U	5 U										
6/23/2020	XX	BTXXXXCGE	1 U	20 U	2 U	5 U	5 U										
7/21/2020	XX	BTXXXXCGH	1 U	20 U	2 U	5 U	5 U										
7/21/2020	XX	BTXXXXCIC	1 U	20 U	2 U	5 U	5 U										
8/20/2020	XX	BTXXXXD21	1 U	20 U	2 U	5 U	5 U										
10/27/2020	XX	BTXXXXD3G	1 U	20 U	2 U	5 U	5 U										
1/5/2021	XX	BTXXXXD8F	1 U	20 U	2 U	5 U	5 U										
2/9/2021	XX	BTXXXXD98	1 U	20 U	2 U	5 U	5 U										
2/10/2021	XX	BTXXXXD99	1 U	20 U	2 U	5 U	5 U										
2/18/2021	XX	BTXXXXDA5	1 U	20 U	2 U	5 U	5 U										
4/5/2021	XX	BTXXXXDCI	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	BTXXXXDCJ	1 U	20 U	2 U	5 U	5 U										
4/6/2021	XX	BTXXXXDDJ	1 U	20 U	2 U	5 U	5 U										
4/7/2021	XX	BTXXXXDA7	1 U	20 U	2 U	5 U	5 U										
4/8/2021	XX	BTXXXXDA8	1 U	20 U	2 U	5 U	5 U										
6/8/2021	XX	BTXXXXDGA	1 U	20 U	2 U	5 U	5 U										

(QCBT)			1,2-Dichloro benzene	Acrylonitrile	Diethyl ether	trans-1,4- Dichloro-2- butene	Iodomethane									
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L									
6/9/2021	XX	BTXXXXDGB	1 U	20 U	2 U	5 U	5 U									
7/13/2021	XX	BTXXXE0B	1 U	20 U	2 U	5 U	5 U									
7/13/2021	XX	BTXXXE2A	1 U	20 U	2 U	5 U	5 U									
7/14/2021	XX	BTXXXE1F	1 U	20 U	2 U	5 U	5 U									
8/17/2021	XX	BTXXXE44	1 U	20 U	2 U	5 U	5 U									
8/18/2021	XX	BTXXXE45	1 U	20 U	2 U	5 U	5 U									
8/19/2021	XX	BTXXXE50	1 U	20 U	2 U	5 U	5 U									
9/1/2021	XX	BTXXXE51	1 U	20 U	2 U	5 U	5 U									
10/5/2021	XX	BTXXXE61	1 U	20 U	2 U	5 U	5 U									
10/26/2021	XX	BTXXXED3	1 U	20 U	2 U	5 U	5 U									
1/26/2022	XX	BTXXXEJH	1 U	20 U	2 U	5 U	5 U									
4/25/2022	XX	BTXXXF2B	1 U	20 U	2 U	5 U	5 U									
4/26/2022	XX	BTXXXF3J	1 U	20 U	2 U	5 U	5 U									
5/26/2022	XX	BTXXXF44	1 U	20 U	2 U	5 U	5 U									
5/26/2022	XX	BTXXXF1A	1 U	20 U	2 U	5 U	5 U									
7/19/2022	XX	BTXXXFE7	1 U	20 U	2 U	5 U	5 U									
7/19/2022	XX	BTXXXFE4	1 U	20 U	2 U	5 U	5 U									
10/3/2022	XX	BTXXXG0A	1 U	20 U	2 U	5 U	5 U									
10/4/2022	XX	BTXXXFJ9	1 U	20 U	2 U	5 U	5 U									
10/4/2022	XX	BTXXXG23	1 U	20 U	2 U	5 U	5 U									
10/5/2022	XX	BTXXXG1G	1 U	20 U	2 U	5 U	5 U									

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.

(LT-C4L & LT-C4LR)			Phenol	Bis (2-Chloroethyl) ether	2-Chlorophenol	1,3-Dichloro benzene (SVOC)	1,4-Dichloro benzene (SVOC)	Benzyl Alcohol	1,2-Dichloro benzene (SVOC)	2-Methylphenol	Bis(2-Chloroisopropyl) ether	N-Nitroso-di-n-propylamine	Hexachloro ethane	Nitrobenzene	Isophorone	2-Nitrophenol	2,4-Dimethyl phenol
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
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	140	110 U	110 U	110 U		230 U		110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U
4/22/2014	XX	LTC4LX6EH	160	9.6 U	9.6 U	9.6 U		19 U		12	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4/28/2015	XX	LTC4LX78C	110	47 U	47 U	47 U	47 U	94 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U
4/5/2016	XX	LTC4LX863	210	200 U	200 U	200 U	200 U	400 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4/18/2017	XX	LTC4LX96I	75	14 U	14 U	14 U	14 U	28 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U
4/3/2018	XX	LTC4LXA2A	54	9.4 U	9.4 U	9.4 U	9.4 U	19 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
4/23/2019	XX	LTC4LXB56	85	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
4/28/2020	XX	LTC4LXCCIDL	190														
4/28/2020	XX	LTC4LXCCI		9.5 U	9.5 U	9.5 U	9.5 U	19 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
4/6/2021	XX	LTC4LXDBHDL	200														
4/6/2021	XX	LTC4LXDBH		9.4 U	9.4 U	9.4 U	9.4 U	19 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
5/26/2022	XX	LTC4LXF09DL	94														
5/26/2022	XX	LTC4LXF09		9.3 U	9.3 U	9.3 U	9.3 U	19 U	9.3 U	11	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.

(LT-C4L & LT-C4LR)			Bis(2-Chloroethoxy)m ethane	2,4-Dichlorophenol	1,2,4-Trichloro benzene (SVOC)	Naphthalene (SVOC)	4-Chloroaniline	Hexachloro butadiene (SVOC)	4-Chloro-3-Methylphenol	2-Methyl naphthalene	Hexachloro cyclo pentadiene	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	2-Chloro naphthalene	2-Nitroaniline	Dimethyl Phthalate	Acenaphthylene
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
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	280 U	110 U	280 U	110 U	110 U
4/22/2014	XX	LTC4LX6EH	9.6 U	9.6 U	9.6 U	12	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	24 U	9.6 U	24 U	9.6 U	9.6 U
4/28/2015	XX	LTC4LX78C	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	120 U	47 U	120 U	47 U	47 U
4/5/2016	XX	LTC4LX863	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	500 U	200 U	500 U	200 U	200 U
4/18/2017	XX	LTC4LX96I	14 U	14 U	14 U	20	14 U	14 U	14 U	14 U	14 U	14 U	36 U	14 U	36 U	14 U	14 U
4/3/2018	XX	LTC4LXA2A	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	9.4 U	24 U	9.4 U	9.4 U
4/23/2019	XX	LTC4LXB56	10 U	10 U	10 U	6.7	10 U	10 U	10 U	1.4	50 U	10 U	10 U	10 U	50 U	10 U	1 U
4/28/2020	XX	LTC4LXCCI	9.5 U	9.5 U	9.5 U	20	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	24 U	9.5 U	24 U	9.5 U	9.5 U
4/6/2021	XX	LTC4LXDBH	9.4 U	9.4 U	9.4 U	17	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	9.4 U	24 U	9.4 U	9.4 U
5/26/2022	XX	LTC4LXF09	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	23 U	9.3 U	23 U	9.3 U	9.3 U

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Concentration Qualifier Notes:
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(LT-C4L & LT-C4LR)			2,6-Dinitrotoluene	3-Nitroaniline	Acenaphthene	2,4-Dinitrophenol	4-Nitrophenol	Dibenzofuran	2,4-Dinitrotoluene	Diethyl phthalate	4-Chlorophenyl-phenylether	Fluorene	4-Nitroaniline	4,6-Dinitro-2-methylphenol	N-Nitroso diphenylamine	4-Bromophenyl-phenylether	Hexachloro benzene
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
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	110 U	280 U	110 U	280 U	280 U	110 U	110 U	110 U	110 U	110 U	280 U	280 U	110 U	110 U	110 U
4/22/2014	XX	LTC4LX6EH	9.6 U	24 U	9.6 U	24 U	24 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	24 U	24 U	9.6 U	9.6 U	9.6 U
4/28/2015	XX	LTC4LX78C	47 U	120 U	47 U	120 U	120 U	47 U	47 U	47 U	47 U	47 U	120 U	120 U	47 U	47 U	47 U
4/5/2016	XX	LTC4LX863	200 U	500 U	200 U	500 U	500 U	200 U	200 U	200 U	200 U	200 U	500 U	500 U	200 U	200 U	200 U
4/18/2017	XX	LTC4LX96I	14 U	36 U	14 U	36 U	36 U	14 U	14 U	14 U	14 U	14 U	36 U	36 U	14 U	14 U	14 U
4/3/2018	XX	LTC4LXA2A	9.4 U	24 U	9.4 U	24 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	24 U	9.4 U	9.4 U	9.4 U
4/23/2019	XX	LTC4LXB56	50 U	50 U	1.5	100 U	50 U	10 U	50 U	50 U	10 U	1 U	50 U	50 U	10 U	10 U	10 U
4/28/2020	XX	LTC4LXCCI	9.5 U	24 U	9.5 U	24 U	24 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	24 U	24 U	9.5 U	9.5 U	9.5 U
4/6/2021	XX	LTC4LXDBH	9.4 U	24 U	9.4 U	24 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	24 U	9.4 U	9.4 U	9.4 U
5/26/2022	XX	LTC4LXF09	9.3 U	23 U	9.3 U	23 U	23 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	23 U	23 U	9.3 U	9.3 U	9.3 U

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(LT-C4L & LT-C4LR)			Pentachlorophen ol	Phenanthrene	Anthracene	Di-n- butylphthalate	Fluoranthene	Pyrene	Butylbenzyl phthalate	3,3-Dichloro benzidine	Benzo(a) Anthracene	Chrysene	Bis(2- Ethylhexyl) phthalate	Di-n- octylphthalate	Benzo(b) Fluoranthene	Benzo(k) Fluoranthene	Benzo(a) 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
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	280 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U
4/22/2014	XX	LTC4LX6EH	24 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4/28/2015	XX	LTC4LX78C	120 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U
4/5/2016	XX	LTC4LX863	500 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4/18/2017	XX	LTC4LX96I	36 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U
4/3/2018	XX	LTC4LXA2A	24 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
4/23/2019	XX	LTC4LXB56	50 U	1 U	1 U	50 U	1 U	1 U	50 U	10 U	1 U	1 U	50 U	50 U	1 U	1 U	1 U
4/28/2020	XX	LTC4LXCCI	24 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
4/6/2021	XX	LTC4LXDBH	24 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
5/26/2022	XX	LTC4LXF09	23 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U

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(LT-C4L & LT-C4LR)			Indeno(1,2,3-c,d) Pyrene	Dibenz(a,h) Anthracene	Benzo(g,h,i) perylene	N-Nitroso dimethylamine	Carbazole	2,3,4,6-Tetrachloro phenol	2,6-Dichlorophenol	3&4-Methylphenol	2-Acetyl aminofluorene	4-Aminobiphenyl	2-sec-Butyl-4-6-dinitrophenol (Dinoseb)	3,3'-Dimethyl benzidine	1,3-Dinitro benzene (m-Dinitrobenzene)	Ethyl methanesulfonate	Hexa chloropropene
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
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	110 U	110 U	110 U	110 U		110 U	110 U	1000	110 U	110 U	4.8 U	280 U	110 U	110 U	110 U
4/22/2014	XX	LTC4LX6EH	9.6 U	9.6 U	9.6 U	9.6 U		9.6 U	9.6 U	690	9.6 U	9.6 U	5.2 U	24 U	9.6 U	9.6 U	9.6 U
4/28/2015	XX	LTC4LX78C	47 U	47 U	47 U	47 U		47 U	47 U	890	47 U	47 U	4.7 U	120 U	47 U	47 U	47 U
4/5/2016	XX	LTC4LX863	200 U	200 U	200 U	200 U		200 U	200 U	1000	200 U	200 U	5.1 U	500 U	200 U	200 U	200 U
4/18/2017	XX	LTC4LX96I	14 U	14 U	14 U	14 U		14 U	14 U		14 U	14 U	4.7 U	36 U	14 U	14 U	14 U
4/18/2017	XX	LTC4LX96IDL								480							
4/3/2018	XX	LTC4LXA2ADL								350							
4/3/2018	XX	LTC4LXA2A	9.4 U	9.4 U	9.4 U	9.4 U		9.4 U	9.4 U		9.4 U	9.4 U	4.4 U	24 U	9.4 U	9.4 U	9.4 U
4/23/2019	XX	LTC4LXB56RA											4.8 U				
4/23/2019	XX	LTC4LXB56	1 U	1 U	1 U	10 U	10 U	10 UH	10 UH	540	10 UH	10 UH		26 UH	10 UH	10 UH	10 UH
4/28/2020	XX	LTC4LXCCI	9.5 U	9.5 U	9.5 U	9.5 U		9.5 U	9.5 U		9.5 U	9.5 U	4.4 U	24 U	9.5 U	9.5 U	9.5 U
4/28/2020	XX	LTC4LXCCIDL								540							
4/28/2020	XX	LTC4LXCCIRE											4.4 U				
4/6/2021	XX	LTC4LXDBH	9.4 U	9.4 U	9.4 U	9.4 U		9.4 U	9.4 U		9.4 U	9.4 U	4.4 U	24 U	9.4 U	9.4 U	9.4 U
4/6/2021	XX	LTC4LXDBHDL								320							
5/26/2022	XX	LTC4LXF09DL								200							
5/26/2022	XX	LTC4LXF09	9.3 U	9.3 U	9.3 U	9.3 U		9.3 U	9.3 U		9.3 U	9.3 U	4.4 U	23 U	9.3 U	9.3 U	9.3 U

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(LT-C4L & LT-C4LR)			Isosafrole	Methapyrilene	3-Methyl cholanthrene	Methyl methane sulfonate	1-Naphthalene amine (1- Naphthyl amine)	2-Naphthalene amine (2- Naphthyl amine)	1,4-Naphtho quinone	5-Nitro-o- toluidine	N-Nitroso diethylamine	N-Nitrosodi-n- butylamine	N- Nitrosomethyl ethylamine	N-Nitroso piperidine	N-Nitroso pyrrolidine	Pentachloro benzene	Pentachloro nitrobenzene
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
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	110 U	280 U	110 U	110 U	110 U	110 U	280 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U
4/22/2014	XX	LTC4LX6EH	9.6 U	24 U	9.6 U	9.6 U	9.6 U	9.6 U	24 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U	9.6 U
4/28/2015	XX	LTC4LX78C	47 U	120 U	47 U	47 U	47 U	47 U	120 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U	47 U
4/5/2016	XX	LTC4LX863	200 U	500 U	200 U	200 U	200 U	200 U	500 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4/18/2017	XX	LTC4LX96I	14 U	36 U	14 U	14 U	14 U	14 U	36 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U	14 U
4/3/2018	XX	LTC4LXA2A	9.4 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
4/23/2019	XX	LTC4LXB56		26 UH	10 UH	10 UH	10 UH	10 UH	26 UH	10 UH	10 UH	10 UH	10 UH	10 UH	10 UH	10 UH	10 UH
4/28/2020	XX	LTC4LXCCI	9.5 U	24 U	9.5 U	9.5 U	9.5 U	9.5 U	24 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U	9.5 U
4/6/2021	XX	LTC4LXDBH	9.4 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U
5/26/2022	XX	LTC4LXF09	9.3 U	23 U	9.3 U	9.3 U	9.3 U	9.3 U	23 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U

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(LT-C4L & LT-C4LR)			Phenacetin	p-Phenylene diamine	Pronamide	1,2,4,5- Tetrachloro benzene	1,3,5-Trinitro benzene (sym- Trinitrobenzene)	Safrole	O-Toluidine	p-(Dimethyl amino) azobenzene	7,12- Dimethylbenz (a)anthracene	Acetophenone
Date	Type	Sample ID	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L

LT-C4L & LT-C4LR												
4/23/2013	XX	LTC4LX5HG	110 U	280 U	110 U	110 U	110 U	110 U	280 U	110 U	110 U	110 U
4/22/2014	XX	LTC4LX6EH	9.6 U	24 U	9.6 U	9.6 U	9.6 U	9.6 U	24 U	9.6 U	9.6 U	11
4/28/2015	XX	LTC4LX78C	47 U	120 U	47 U	47 U	47 U	47 U	120 U	47 U	47 U	47 U
4/5/2016	XX	LTC4LX863	200 U	500 U	200 U	200 U	200 U	200 U	500 U	200 U	200 U	200 U
4/18/2017	XX	LTC4LX96I	14 U	36 U	14 U	14 U	14 U	14 U	36 U	14 U	14 U	14 U
4/3/2018	XX	LTC4LXA2A	9.4 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	9.4 U	9.4 U	11
4/23/2019	XX	LTC4LXB56	10 UH	26 UH	10 UH	10 UH	10 UH	10 UH	26 UH	10 UH	10 UH	100 U
4/28/2020	XX	LTC4LXCCI	9.5 U	24 U	9.5 U	9.5 U	9.5 U	9.5 U	24 U	9.5 U	9.5 U	14
4/6/2021	XX	LTC4LXDBH	9.4 U	24 U	9.4 U	9.4 U	9.4 U	9.4 U	24 U	9.4 U	9.4 U	12
5/26/2022	XX	LTC4LXF09	9.3 U	23 U	9.3 U	9.3 U	9.3 U	9.3 U	23 U	9.3 U	9.3 U	9.3 U

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(LT-C4L & LT-C4LR)			alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Heptachlor	Aldrin	Heptachlor Epoxide	Endosulfan I	Dieldrin	4,4'-DDE	Endrin	Endosulfan II	4,4'-DDD	Endosulfan Sulfate	4,4'-DDT
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
LT-C4L & LT-C4LR																	
4/23/2013	XX	LTC4LX5HG	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U	0.097 U
4/22/2014	XX	LTC4LX6EH	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U	0.095 U
4/28/2015	XX	LTC4LX78C	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U
4/5/2016	XX	LTC4LX863	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U	0.096 U
4/18/2017	XX	LTC4LX96IRE	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.052 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4/3/2018	XX	LTC4LXA2A	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U
4/23/2019	XX	LTC4LXB56	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
4/28/2020	XX	LTC4LXCCI	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U	0.093 U
4/6/2021	XX	LTC4LXDBH	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U
5/26/2022	XX	LTC4LXF09RA	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.047 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U	0.094 U

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Concentration Qualifier Notes:
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(LT-C4L & LT-C4LR)		Methoxychlor	Toxaphene	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Endrin Aldehyde	Chlordane (technical)	2,4-Dichloro phenoxyacetic Acid
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
LT-C4L & LT-C4LR													
4/23/2013	XX	LTC4LX5HG	0.48 U	0.97 U	0.48 U	0.097 U	0.48 U	2.9 U					
4/22/2014	XX	LTC4LX6EH	0.48 U	0.95 U	0.48 U	0.095 U	0.48 U	3.1 U					
4/28/2015	XX	LTC4LX78C	0.47 U	0.94 U	0.47 U	0.094 U	0.47 U	2.8 U					
4/5/2016	XX	LTC4LX863	0.48 U	0.96 U	0.48 U	0.096 U	0.48 U	3.1 U					
4/18/2017	XX	LTC4LX96IRE	0.52 U	1 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.1 U	0.52 U	
4/18/2017	XX	LTC4LX96I											2.8 U
4/3/2018	XX	LTC4LXA2A	0.47 U	0.94 U	0.47 U	0.094 U	0.47 U	2.7 U					
4/23/2019	XX	LTC4LXB56RA											2.8 U
4/23/2019	XX	LTC4LXB56	0.1 U	0.2 U	0.1 U	0.02 U	0.1 U						
4/28/2020	XX	LTC4LXCCIRE											2.7 U
4/28/2020	XX	LTC4LXCCI	0.47 U	0.93 U	0.47 U	0.093 U	0.47 U	2.6 U					
4/6/2021	XX	LTC4LXDBHRA			0.47 U								
4/6/2021	XX	LTC4LXDBH	0.47 U	0.94 U							0.094 U	0.47 U	2.6 U
5/26/2022	XX	LTC4LXF09RA	0.47 U	0.94 U	0.47 U	0.094 U	0.47 U						
5/26/2022	XX	LTC4LXF09											2.7 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.

(LT-C4L & LT-C4LR)			2,4,5-Trichloro phenoxypro pionic Acid	2,4,5-Trichloro phenoxyacetic acid	Diallate	Isodrin	Kepone	Dimethoate	Chlorobenzilate	Disulfoton	Famphur	Methyl Parathion	Parathion	Phorate	Thionazin	o,o,o-Triethyl phosphoro thioate
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
LT-C4L & LT-C4LR																
4/23/2013	XX	LTC4LX5HG	2.9 U	2.9 U	110 U	110 U	280 U	110 U	110 U	110 U	340 U	110 U	280 U	110 U	230 U	110 U
4/22/2014	XX	LTC4LX6EH	3.1 U	3.1 U	9.6 U	9.6 U	24 U	9.6 U	9.6 U	9.6 U	29 U	9.6 U	24 U	9.6 U	19 U	9.6 U
4/28/2015	XX	LTC4LX78C	2.8 U	2.8 U	47 U	47 U	120 U	47 U	47 U	47 U	140 U	47 U	120 U	47 U	94 U	47 U
4/5/2016	XX	LTC4LX863	3.1 U	3.1 U	200 U	200 U	500 U	200 U	200 U	200 U	590 U	200 U	500 U	200 U	400 U	200 U
4/18/2017	XX	LTC4LX96I	2.8 U	2.8 U	14 U	14 U	36 U	14 U	14 U	14 U	43 U	14 U	36 U	14 U	28 U	14 U
4/3/2018	XX	LTC4LXA2A	2.7 U	2.7 U	9.4 U	9.4 U	24 U	9.4 U	9.4 U	9.4 U	28 U	9.4 U	24 U	9.4 U	19 U	9.4 U
4/23/2019	XX	LTC4LXB56RA	2.9 U	2.9 U												
4/23/2019	XX	LTC4LXB56			10 UH	10 UH	26 UH	10 UH	10 UH	10 UH	31 UH	10 UH	26 UH	10 UH	21 UH	10 UH
4/28/2020	XX	LTC4LXCCI	2.7 U	2.7 U												
4/28/2020	XX	LTC4LXCCI	2.7 U	2.6 U	9.5 U	9.5 U	24 U	9.5 U	9.5 U	9.5 U	28 U	9.5 U	24 U	9.5 U	19 U	9.5 U
4/6/2021	XX	LTC4LXDBH	2.7 U	2.6 U	9.4 U	9.4 U	24 U	9.4 U	9.4 U	9.4 U	28 U	9.4 U	24 U	9.4 U	19 U	9.4 U
5/26/2022	XX	LTC4LXF09DL			19 U	19 U	47 U	19 U	19 U	19 U	56 U	19 U	47 U	19 U	37 U	19 U
5/26/2022	XX	LTC4LXF09	2.7 U	2.7 U	9.3 U	9.3 U	23 U	9.3 U	9.3 U	9.3 U	28 U	9.3 U	23 U	9.3 U	19 U	9.3 U

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U - Not Detected above the laboratory reporting limit.
 UH - Not Detected above the laboratory reporting limit. Analyzed outside U.S.EPA's recommended hold time

(LT-C4L & LT-C4LR) 2-sec-Butyl-4-6-dinitrophenol (Dinoseb)
 Date Type Sample ID ug/L

LT-C4L & LT-C4LR																
4/23/2013	XX	LTC4LX5HG	4.8 U													
4/22/2014	XX	LTC4LX6EH	5.2 U													
4/28/2015	XX	LTC4LX78C	4.7 U													
4/5/2016	XX	LTC4LX863	5.1 U													
4/18/2017	XX	LTC4LX96I	4.7 U													
4/3/2018	XX	LTC4LXA2A	4.4 U													
4/23/2019	XX	LTC4LXB56RA	4.8 U													
4/28/2020	XX	LTC4LXCCIRE	4.4 U													
4/28/2020	XX	LTC4LXCCI	4.4 U													
4/6/2021	XX	LTC4LXDBH	4.4 U													
5/26/2022	XX	LTC4LXF09	4.4 U													

Notes: TYPE - Sample Type Qualifier where D = Duplicate Sample.
 Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:
 U- Not Detected above the laboratory reporting limit.

APPENDIX E

**2022 WATER QUALITY SUMMARY REPORTS
AND DATA PLOTS**