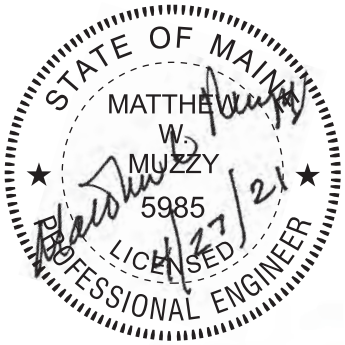
2020 ANNUAL REPORT
DOLBY LANDFILL
EAST MILLINOCKET, MAINE

Prepared for

STATE OF MAINE
DEPARTMENT OF ADMINISTRATION
AND FINANCIAL SERVICES
Augusta, Maine



April 2021

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ENVIRONMENTAL • CIVIL • GEOTECHNICAL • WATER • COMPLIANCE

SME
SEVEE & MAHER
ENGINEERS

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

LIST OF TABLES

2020 ANNUAL REPORT
DOLBY LANDFILL
EAST MILLINOCKET, MAINE

1.0 INTRODUCTION

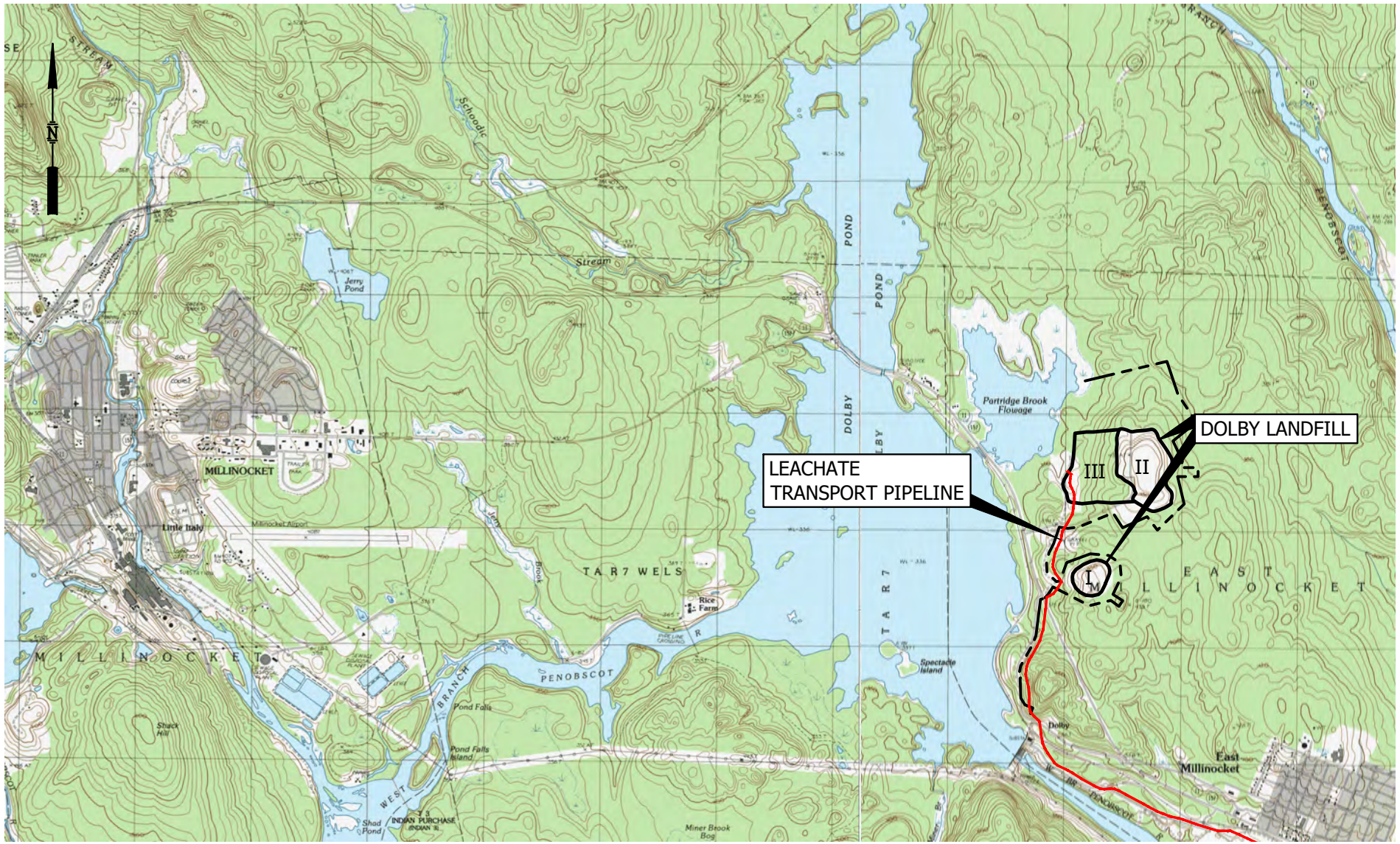
The Maine State Department of Administrative and Financial Services (DAFS) owns and operates the Dolby Solid Waste Landfill (Dolby Landfill), which is located in the Town of East Millinocket, Maine. The Landfill operates under a permit first obtained in 1984 from the Maine Department of Environmental Protection (MEDEP), Board Order # L-000796-07-A-N issued to Great Northern Paper (GNP). Subsequent license amendment orders transferred the Dolby Landfill permits to Katahdin Paper Company (April 2003) and then to the State of Maine (September 2011). The Dolby Landfill permit requires the owner (i.e., State of Maine) to submit an annual report to the MEDEP describing the previous year's operation for the Dolby Landfill. This Annual Report has been prepared by Sevee & Maher Engineers, Inc. (SME) to fulfill the annual report requirement and includes discussion of the specific reporting items listed in Chapter 401.4.D of the MEDEP Maine Solid Waste Management Rules.

1.1 Site History

Dolby Landfill consists of three landfill sites (known as Dolby I, Dolby II, and Dolby III), which are located on the east side of Route 157, approximately 2-1/2 miles northwest of the town center of East Millinocket, Maine (see Figure 1-1).

The Dolby I Landfill received a license from the MEDEP in 1975, occupies about 23 acres, and is located southwest of Dolby II and III. The principal waste streams to Dolby I were wastewater treatment sludge, woodroom/woodyard waste, wood ash, and general rubbish from the former GNP Millinocket and East Millinocket pulp and paper mills. The wastes were received at Dolby I from 1975 to 1979. A soil final cover was placed over Dolby I in 1980 and 1981.

The Dolby II Landfill is located immediately east and upslope of the Dolby III Landfill. Dolby II was licensed by the MEDEP in 1978 (Board Order # 26-0796-19170) and occupies about 62 acres. The principal waste streams delivered to Dolby II were wastewater treatment sludge, woodroom/woodyard waste, wood ash, and general rubbish from the former GNP Millinocket and East Millinocket mills. Waste placement in Dolby II occurred between 1979 and 1986. A soil final cover was placed over Dolby II in 1987. Over time, the waste placed in Dolby II settled creating a near flat top area. In 1996, GNP (the landfill owner at that time) was granted an amendment for a vertical increase on the top of Dolby II (MEDEP Order #S-000796-WD-AC-A). The vertical increase improved precipitation runoff from the upper portions of Dolby II. To construct the vertical increase the final cover for the Dolby II top area was removed and additional waste



BASE MAP ADAPTED FROM 7.5 MIN
USGS TOPOGRAPHIC QUADRANGLES
MILLINOCKET, ME - 1988
EAST MILLINOCKET, ME - 1988

2000 0 4000 FEET

DWG: SITE LMN: SITELOC CTB: SME-STD REV: 4/16/2019

FIGURE 1-1
SITE LOCATION MAP
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE

SME
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ENGINEERS

\\nserver\CFS\Kpc\Dol\ACAD\SITE.dwg, 4/16/2019 10:43:33 AM, jrl

was placed. The waste placement, regrading, and replacement of the soil final cover occurred between 1996 and 1999.

Construction of Dolby III was initiated in 1984 and a license renewal for the facility was submitted in 1989 (SME, 1989). Dolby III occupies about 68 acres and consists of 17 waste cells; all of which have been closed.[1] The original waste streams at Dolby III were wastewater treatment sludge, woodroom/woodyard waste, wood ash, general rubbish from the former Millinocket and East Millinocket mills and municipal solid waste (MSW) from the local communities. MSW disposal in Dolby III was stopped in 1993 due to a change in the MEDEP solid waste regulations. From 1987 to 1999, Dolby III was licensed to receive wood ash from the Signal Sherman biomass power boiler (MEDEP Order #L-000796-07-A-N). From 1988 to 1993, Dolby III received ash resulting from burning demolition debris and brush piles by the towns of East Millinocket and Millinocket (MEDEP Order #L-000796-7A-L-M). In September 2011, the MEDEP issued a license transfer to the State of Maine (MEDEP Order #S-000796-WR-AJ-T) for operation of the Dolby III Landfill. On December 4, 2012, MEDEP approved a minor license revision (S-000796-WT-AM-N) for a one-time disposal of approximately 1,000 cubic yards of secondary wastewater treatment plant residuals from the Town of Millinocket. On January 18, 2012, MEDEP approved a minor license revision (S-000796-WU-AL-N) that allowed for the disposal of petroleum-contaminated soils from sources other than GNP.

In April 2016, DAFS applied to MEDEP for a landfill cover upgrade for Dolby III to reduce the volume of leachate generated by that landfill and, MEDEP subsequently issued a minor license revision (#S-000796-WO-AO-N) to allow the cover upgrade. The landfill cover upgrade project included construction of an upgraded cover system over the complete Dolby III waste deposit, stating with the open area. The upgraded cover system consisted of (from top to bottom):

- A 4-inch vegetative soil layer;
- A 14-inch cover soil layer;
- A drainage geocomposite and cover system drainage pipes;
- A 40-mil HDPE textured liner; and
- A minimum 6-inch gas collection system (i.e., sand and gas vent piping).

In 2016, approximately 26 acres of cover upgrade were constructed over the open portion on the Dolby III Landfill. As of the end of 2016, all but approximately 2 acres of the Dolby III Landfill had been covered with either the original soil final cover or the upgraded cover system (depending on location); the

[1] The Dolby III Landfill was closed to day-to-day landfilling in 2011. Since that time, provisions have been made to accept very small volumes of ash from the Towns of Millinocket, East Millinocket, and Medway. Small quantities of municipal water treatment sludge from the Town of Millinocket are also occasionally disposed in Dolby III. .

remaining 2 acres have daily cover only. Approximately 42 acres of additional cover upgrade construction remain to be completed for Dolby III, pending additional funding appropriation.

In 2018, approximately 2.5 acres of Dolby III, which had been previously closed with a soil cover, were temporarily opened for disposal of waste and aeration lagoon sludge from the former East Millinocket mill site. The temporary cell remains open and is used for limited waste disposal described earlier in this report. In 2020, approximately 555 cubic yards of ash from solid waste transfer stations in Millinocket, East Millinocket, and Medway was placed in the temporary cell.

The Dolby III leachate pond was constructed in 1984 and reconstructed in 2007. The present Dolby III leachate pond uses a double-synthetic membrane liner with a leak detection system between the primary and secondary liners. Leachate is pumped from the pond and flows via pipeline to the Town of East Millinocket's wastewater treatment plant approximately 3.5 miles away. In 2020 the total leachate volume pumped from the pond was approximately 52.1 million gallons.

1.2 Hydrogeologic Setting

The Dolby II and Dolby III Landfills are positioned on land sloping from east to west at about 2 to 14 percent grades between elevations 350 feet (west) and 425 feet (east). Surface water from the landfill site area generally flows toward Partridge Brook Flowage. Partridge Brook Flowage in turn flows into Dolby Pond, which is an impoundment on the West Branch of the Penobscot River, which is formed by Dolby Dam. Site subsurface conditions for the landfill were first explored in 1975 (E.C. Jordan Co., 1975); then in 1977 and 1978 (E.C. Jordan, 1978); in 1980 (E.C. Jordan, 1981); and in 1983 (E.C. Jordan, 1983). The exploration data indicated the soil in the Dolby Landfill area consisted of glacial till over bedrock. Moreover, it was determined the site was blanketed with a layer of ablation till ranging in thickness from a few feet to more than 25 feet. In areas where deeper soil was encountered, the ablation till was generally underlain by a layer of basal till such that the overall glacial till thickness generally exceeded 30 feet. Hydraulic conductivity of the glacial till was measured in both the laboratory and field and ranged from approximately 10^{-4} to 10^{-7} centimeters per second (cm/sec), with the basal till permeability generally exhibiting the lower of the range. Bedrock in the form of near-vertically bedded metasiltstone underlies the glacial till. Bedrock hydraulic conductivities were measured to generally range from 10^{-4} to 10^{-8} cm/sec.

Groundwater in the soils underlying Dolby III generally flows toward the west. The site setting creates a hydrologic condition of upward hydraulic gradients (i.e., groundwater discharge) in the lower half of the Dolby III Landfill area. The landfill design addresses this hydrologic condition with a leachate collection network and interceptor drain in the western portion of the Dolby III Landfill.

Figure 1-2 presents an interpreted groundwater surface contour map for the shallow groundwater and deeper bedrock groundwater flow regimes in the vicinity of Dolby III based on spring 2020 groundwater elevation data.

MW-303A,B
(A)375.69
(B)377.20

MW-206A,B
(A)398.58
(B)398.85

MW-205A,B
(A)411.86
(B)411.31

MW-302B,C
(B)346.55
(C)345.57

MW-301
346.36

MW-304A,B
(A)343.47
(B)342.53

MW-107A
(A)349.14

MW-401A,B
(A)366.89
(B)363.85

MW-402A,B
(A)400.78
(B)398.24

MW-202AR,B
(AR)408.64
(B)NOT SAMPLED - DAMAGED

MW-104B
(B)422.85

N

NOTES

1. BASE MAP FROM AERIAL SURVEY & PHOTO INC, NORRIDGEWOCK, MAINE, PHOTO DATE 5-15-08.

LEGEND

MW-401A,B
(A)366.89
(B)363.85

MONITORING WELL LOCATION

WATER LEVEL ELEVATION MEASURED AT MONITORING WELL LOCATION

AREA OF ESTIMATED UPWARD HYDRAULIC GRADIENTS

150 0 300 FEET

FIGURE 1-2
MEASURED GROUNDWATER ELEVATIONS
JUNE 2020
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE

SME
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DWG: PhreaticSurface LMN: Phreatic-June 2020 CTB: Phreatic REV: 4/1/2021

2.0 2020 LANDFILL ACTIVITY

2.1 Dolby I

No activity occurred at Dolby I in 2020. A copy of the 2020 inspection reports for Dolby I are provided in in Appendix A.

2.2 Dolby II

Based on quarterly visual inspections conducted by SME in 2020, the Dolby II Landfill is in general compliance with its closure plans and MEDEP license. A copy of the 2020 inspection reports for Dolby II are provided in in Appendix A.

The entire surface of Dolby II was mowed in 2020.

2.3 Dolby III

Activities occurring on the Dolby III Landfill in 2020 consisted of the following:

- Quarterly visual inspections (spring, summer, and fall) of the Dolby III Landfill were made by SME and occurred on May 8, June 2, and September 9, 2020. These inspections also included the Dolby I and II Landfills, as well as the leachate pond and associated leachate transport pipeline. The inspection reports are presented in Appendix A. Based on the quarterly inspections; the Dolby III Landfill was found to be in general compliance with the facility's MEDEP license;
- In 2018, an approximate 2-acre temporary cell was constructed for disposal of "lagoon" sludge excavated from the wastewater aeration basin at the former GNP East Millinocket Mill site. The temporary cell remains open and available for limited waste disposal; and
- Entire surface of Dolby III was mowed.

Thornton Construction performed repairs to the Dolby facility in 2020 which included:

- Performed culvert replacement at leachate transport pipeline Station 50+90. Appendix B presents information regarding the culvert repair; and
- Provided gas vent maintenance for Dolby III cover.

2.4 Leachate Pond and Leachate Transport Pipeline

Leachate collected from the Dolby II and III Landfills flows by gravity pipeline to the Dolby III leachate pond where it is pumped via a force main and gravity pipeline (often referred to as the leachate transport pipeline) to the Town of East Millinocket's wastewater treatment plant. Leachate pond and pipeline work activities completed in 2020 included:

- The leachate pond was not cleaned in 2020. On July 21, 2020 Matt Muzzy (SME), Mike Barden (MEDAFS), Dick Angotti (Mid-South Engineering Company), and Lou Pizzuti (MEDEP) observed the leachate pond in a lowered water condition. The consensus of the group was to not clean the leachate pond in 2020 as only minimal sediment accumulation at the pond's inlet and outlet pipes was observed. Appendix C presents a summary of the July 21, 2020 leachate pond observation.
- Leachate pipeline cleaning was performed from August 24, 2020 to September 2, 2020. ACV Enviro of Skowhegan, Maine was contracted to perform the pipeline dewatering, disassembly, cleaning, and reassembly. Cleaning approximately 19,754 feet of leachate transport pipeline. The cleaning consisted of the force main section (approximately 6,259 feet) and gravity main pipeline section (approximately 13,495 feet). In addition to cleaning the leachate pipeline, the pump station wet well was cleaned by removing sediment and pressure washing the interior. Appendix C provides a memorandum describing the pipeline cleaning.

2.5 Access Road and Other Portions of Site

Annual road maintenance was not performed in 2020 as the road was observed to be in adequate condition.

2.6 Operator Training

No operator training was conducted in 2020. MEDEP has previously agreed that training was not necessarily due to the minimal use the landfill receives. With the exception of limited special disposal projects of very small scale, the landfill is closed and as such no active operation occurs in the waste disposal areas.

3.0 2020 LANDFILL OPERATIONS

SME, under contract to DAFS, served as the landfill operator for the time period reflected in this Annual Report. SME subcontracted with several contractors to perform maintenance and limited operation activities including:

- Mid-South Engineering, Inc. (MSE) of Millinocket, Maine to act as local technical support at the landfill and to perform routine inspections of the landfill, leachate pond, and leachate transport pipeline;
- ACV Enviro of Skowhegan, Maine to perform leachate transport pipeline cleaning;
- Blaine McLaughlin of Medway, Maine to mow the leachate transport pipeline right-of-way, provide tree removal from the site access ways as deemed necessary, and mow the surface of the Dolby II and Dolby III Landfill;
- Stevens Electric of Monmouth, Maine to inspect the pumps and associated equipment used to pump leachate from the Dolby leachate pond to the wastewater treatment plant in East Millinocket, Maine;
- Adam Qualey Incorporated of Millinocket, Maine to provide additional snow removal at the landfill facility and the former GNP mill in East Millinocket (to access the leachate dumping pad);
- Thornton Construction of Milford, Maine for landfill maintenance relating to earthwork and drainage, pumping and trucking leachate from Dolby III leachate pond; and
- Katahdin Analytical Services of Scarborough, Maine provided laboratory analysis of groundwater and surface water as required by the facilities Environmental Monitoring Plan (EMP).

3.1 2020 Waste Received

The monthly waste logs for Dolby III for year 2020 (by waste stream) are attached as Appendix D and are summarized in Table 7-1 of Section 7.0. At total of 555 cubic yards (cy) of waste were delivered to the Dolby III Landfill in 2020.

3.2 Capacity Used and Remaining Capacity

There are no day-to-day active filling areas remaining at the Dolby landfill facility, and most of the landfill has been closed by covering. Approximately 2 acres of Dolby III (at the north end) have been closed by daily covering only; that area is scheduled for final closure the next time final cover is applied to Dolby III. The position of the area with daily cover is impractical to use for additional waste placement. The

temporary cell on the top of Dolby III remains open; except for the minimal volume disposal projects that involve the temporary cell, no additional waste filling is permitted at the Dolby landfill facility.

3.3 Cover Material Usage

3.3.1 Daily Cover

No daily cover was placed in 2020.

3.3.2 Intermediate Cover

No intermediate cover placed was in 2020.

3.3.3 Final Cover

No final cover was placed at the Dolby landfill facility in 2020. All but 2 acres of the Dolby III Landfill has final cover applied (see Section 5.2) and all of Dolby II and Dolby I have final soil covers. Approximately 26 acres of final cover upgrade was constructed on the northwest portion of Dolby III in 2016. The upgraded cover consists of, from bottom up, a 6-inch-thick gas transmission layer, a 40-mil thick geomembrane, a drainage geocomposite with associated cover system drainage pipes, a 14-inch thickness of cover soil, and 4 inches of vegetative soil. Except for the 2 acres of landfill area with daily cover and the temporary cell mentioned earlier, the remainder of Dolby III has a soil final cover.

3.4 Operating Manual Revisions

The most recent Operating Manual for the Dolby Landfill was submitted to the MEDEP in April 2012. No changes to the landfill operation or Operating Manual have been made since that time.

A post-closure monitoring and maintenance plan for the Dolby Landfill was submitted to MEDEP in May 2017.

3.5 Environmental Monitoring Plan (EMP) Revisions

The EMP for the Dolby Landfill was last revised and submitted to MEDEP in April 2012. The only change for environmental monitoring for the Dolby Landfill facility is that effective 2021 water quality monitoring and landfill gas monitoring for the site will be reduced to two times per year (i.e., spring and fall). Appendix E provides documentation supporting the reduced water quality monitoring. Rather than re-issue the EMP it is recommended the contents of Appendix E be attached to the EMP that is on file with MEDEP and DAFS.

3.6 Spills, Fires, Accidents, and Unusual Events

There were no fires, chemical spills, accidents, or unusual events reported in 2020.

3.7 Cell Development Plans

Essentially all waste placement at the Dolby landfill facility has ceased and most of the landfill areas have received final cover. No further cell development is expected.

3.8 Hazardous and Special Waste Handling

There was no hazardous or special waste delivered to, or identified at, the Dolby III Landfill in 2020.

3.9 Inspection Summary

Approximately 1/3 of the manholes and catch basins at the Dolby II and Dolby III Landfills are visually inspected on a rotating annual basis. The manhole and catch basin inspection reports for 2020 are included in Appendix A.

Visual inspection of the landfill leachate pond for 2020 consisted of pumping essentially all leachate from the pond and exposing the pond bottom for visual observation. Appendix B provides documentation for the pond visual inspection performed on July 21, 2020. As discussed in Appendix B no cleaning of sediments accumulated on the pond's liner surface occurred in 2020. A similar leachate pond visual inspection is scheduled for 2021 and a decision will be made then relative to the need for sediment removal from the surface of the pond liner in 2021.

Following MEDEP guidance, a compliance self-audit checklist for the Dolby III Landfill is completed by DAFS on an annual basis. The completed checklist for 2020 is provided as Appendix F to this report.

3.10 System Failures and Repairs

- Consolidated Communications relocated the existing communications line connecting the leachate transition station (located at approximately leachate pipeline Sta. 63+75) and the leachate pond pump station. The communications line relocation is expected to reduce line access/repair difficulties (during winter weather. Dick Angotti of Mid-South Engineering verified function of the replaced communications line.
- Stephens Electric performed inspection of the pump/pump controls associated with the leachate pond. The results of the inspection are presented in Appendix A. The inspection indicated that the pump system was in fair to good shape and no maintenance/repair was necessary for 2020. A

portion of the leachate transport pipeline is located in an abandoned section of Highway 11. A portion of an existing culvert at approximately pipeline Sta. 50+90 collapsed in 2020 and required replacement to allow access for pipeline cleaning equipment as well as to allow continued function of the established drainage of areas upslope to the abandoned roadway. The culvert was replaced in full by Thornton Construction on 9/12/2020. Appendix B provides documentation of the culvert replacement.

- Gas vent pipes extend from the gas collection sand layer portion of the Dolby cover systems to several feet above the round surface. Occasionally a vent pile will become disconnected or bent over and need repair. Two gas pipes were repaired on Dolby III in 2020.
- Several days after cleaning the leachate transport pipeline in 2020 it was noted that leachate was leaking from the lid of manhole MH-2. ACV Enviro (the pipeline cleaning contractor) dewatered MH-2 and identified a leak in the pipeline joint. ACV repaired the leak.

3.11 Leachate Management

Leachate collected at the Dolby landfill facility is temporarily stored in the lined leachate pond and then pumped to the Town of East Millinocket's wastewater treatment plant. Approximately 52.1 million gallons of leachate were pumped from the leachate pond to the treatment plant in 2020. Leachate hauling by tank truck occurred during the periods of April 4 through 5 (approximately 307,500 gallons hauled by tank truck). The trucked leachate volume is included in the overall volume for 2020.

4.0 ENVIRONMENTAL MONITORING

As a condition of the landfill operating permit issued by MEDEP, the quality of the groundwater, surface water, and leachate at the Dolby Landfill is routinely monitored. Gas monitoring for concentrations of explosive gases, i.e., methane (CH_4), and hydrogen sulfide (H_2S) is also conducted at selected landfill locations where explosive or toxic gases could accumulate. The gas monitoring locations include landfill infrastructure such as at the leachate pond pump station, operator shack, leachate collection manholes and near the landfill boundary (i.e., headspace in select monitoring wells).

4.1 Monitoring Locations

Tables 4-1 and 4-2 list the water quality and landfill gas monitoring locations, respectively, and Figures 4-1, 4-2, and 4-3 show the monitoring locations relative to the Dolby Landfill(s) and local landmarks. Table 4-3 presents installation information for each of the monitoring wells that are monitored. The water quality monitoring is typically completed three times per year: spring, summer, and fall. For 2020, sampling for the spring, summer, and fall monitoring events occurred during the periods of June 15 through 18, August 3 through 6, and October 19 through 22, respectively. Landfill gas monitoring is also completed three times per year at the same approximate time as the water quality sampling. The monitoring parameters, methods, and standards used for the Dolby Landfill environmental monitoring are summarized in the EMP prepared specifically for the Dolby Landfill facility (SME, 2012). The field and laboratory results for the monitoring events, data validation findings, along with a brief data evaluation, were submitted to the MEDEP project manager and the Environmental and Geographic Analysis Database (EGAD) group following SME's receipt of each group of analytical testing results.

TABLE 4-1

WATER QUALITY MONITORING LOCATIONS
DOLBY LANDFILL

GROUNDWATER MONITORING WELLS

DOLBY III

MW-107A	MW-304A	MW-402A
MW-301	MW-304B	MW-402B
MW-302B	MW-401A	
MW-302C	MW-401B	

DOLBY II

MW-104B	MW-205B	MW-303B
MW-202AR	MW-206A	
MW-202B	MW-206B	
MW-205A	MW-303A	

DOLBY I

MW-103	MW-113

SURFACE WATER SAMPLING LOCATIONS

PBFB	Partridge Brook Flowage – Background
PBFR	Partridge Brook Flowage – Revised location beginning 2012
ND	North Ditch
SPO	Siltation Pond Outlet
SPON	Siltation Pond North
SPOS	Siltation Pond South

LEACHATE SAMPLING LOCATIONS

LP	Leachate Pond West of Dolby III
LPD2	Leachate Pond East of Dolby II
LDS	Leachate Pond Leak Detection Sump

TABLE 4-2

LANDFILL GAS MONITORING LOCATIONS
DOLBY LANDFILL

- Operator shack southwest of Dolby III;
- Dolby III leachate pond pump station control room and sump;
- MW-107B located southeast of Dolby III; and

Nine catch basins/manholes around the perimeter of Dolby II and Dolby III.

CB #4	CB #35
CB #6A	CB #39
CB #13	CB #43
CB #21	CB #45
CB #22	

TABLE 4-3

MONITORING WELL DETAILS
DOLBY LANDFILL

Landfill	Sample Location	Geologic Unit Screened	Screened Interval (ft - BGS)		Well Diameter (inches)	Comments
			TOS	BOS		
Dolby I	MW-103	Bedrock	NA	15	1.5	Upgradient well
	MW-113	Bedrock	NA	21.6	1.5	Downgradient well
Dolby II	MW-104B	Bedrock	NA	37	1.25	Upgradient well
	MW-202AR	Bedrock	71.5	81.5	2	Downgradient well
	MW-202B	Till/Bedrock	5.4	10.4	2	Downgradient shallow companion well to MW-202AR
	MW-205A	Bedrock	26	31	2	Downgradient well
	MW-205B	Glacial Till	10	15	2	Downgradient shallow companion well to MW-205A
	MW-206A	Bedrock	23.3	28.3	2	Downgradient well
	MW-206B	Glacial Till	12	17	2	Downgradient shallow companion well to MW-206A
	MW-303A	Bedrock	32.6	42.6	2	Downgradient well
	MW-303B	Glacial Till	13.3	23.3	2	Downgradient shallow companion well to MW-303A
Dolby III	MW-107A	Bedrock	NA	19.6	1.5	Downgradient well from Cells 1 through 8
	MW-301	Glacial Till	10	15	2	Downgradient well from Cells 9 through 16
	MW-302B	Bedrock	18.8	23.8	2	Downgradient well from Cells 9 through 16
	MW-302C	Glacial Till	6	11	2	Downgradient shallow companion well to MW-302A
	MW-304A	Bedrock	NA	21.5	2	Downgradient well from Dolby III leachate pond
	MW-304B	Glacial Till	NA	8.6	2	Downgradient shallow companion well to MW-304A
	MW-401A	Bedrock	30.5	40.5	2	Downgradient well from Cells 1 through 8
	MW-401B	Glacial Till	12.5	22.5	2	Downgradient shallow companion well to MW-401A
	MW-402A	Bedrock	50.2	60.2	2	Cross-gradient well from Cells 3A and 3B
	MW-402B	Glacial Till	10	20	2	Cross-gradient shallow companion well to MW-402A

Abbreviations:
NA = not available
BOS = bottom of screen
TOS = top of screen
ft -BGS = feet below ground surface

4.2 Monitoring Parameters

4.2.1 Water Quality

The 2020 water quality monitoring parameters are listed in Table 4-4. Specific conductance, temperature, pH, dissolved oxygen (DO), and turbidity were measured in the field and were used as stabilization criteria during low-flow sampling. All remaining parameters listed in Table 4-4 were analyzed by Katahdin Analytical Services of Scarborough, Maine for 2020.

4.2.2 Landfill Gas

The landfill gas monitoring program includes the measurement of methane and hydrogen sulfide concentrations. In 2020, the landfill gas measurements were made using a RKI GX2003 portable gas detector that was designed specifically for use at landfills to monitor landfill gas presence.

4.3 Changes to Environmental Monitoring Program in 2020

There were no changes to the EMP in 2020. It should be noted that in the past, landfill monitoring locations have been terminated, added, or have had parameter changes made. Each of those changes were for reasons agreed to with MEDEP. Discussions of such changed monitoring locations/parameters are presented in previous annual reports as appropriate to the time(s) when the changes were made. As discussed in Section 3.5, a water quality and landfill gas monitoring frequency change from three times per year to two times per year will be implemented in 2021.

TABLE 4-4
WATER QUALITY MONITORING PARAMETERS
DOLBY LANDFILL

Detection Monitoring Program Test Parameters:

Water Quality Parameters	Method	Reporting Limit (mg/L)	Groundwater	Surface Water	Leachate
Field Parameters					
Dissolved Oxygen (D.O.)	Field Parameter	NA	X	X	
Field Observations	Field Parameter	NA	X	X	X
Monitoring Well Pump Rate	Field Parameter	NA	X		
pH	Field Parameter	NA	X	X	X
Turbidity	Field Parameter	NA	X	X	
Specific Conductance	Field Parameter	NA	X	X	X
Static Water Elevations	Field Parameter	NA	X		
Surface Water Flow Rates	Field Parameter	NA		X(1)	
Temperature	Filed Parameter	NA	X	X	X
Indicator Parameters					
Alkalinity	SM 2320B	5.0	X	X	X
Bicarbonate	SM 4500 CO2 D	5.0	X	X	X
Chloride	SM 4500 CL E	2.0	X	X	X
Nitrogen, Ammonia	EPA 350.1	2.0	X	X	X
Nitrogen, Nitrate	EPA 9056/353.2	0.05	X	X	X
Phosphorous, Total	EPA 365.4	0.1		X	X
Sulfate	EPA 9056/ASTM 516-02	1.0	X	X	X
Total Dissolved Solids (TDS)	SM 2540C	10.0	X	X	X
Total Organic Carbon (TOC)	SM5310 B	1.0	X	X	X
Total Suspended Solids (TSS)	SM 2440D	4	X	X	X
Inorganic Parameters					
Arsenic (Total)	EPA 200.7/6010	0.008	X	X	X
Calcium (Total)	EPA 6010B	0.1	X	X	X
Hardness (Mg & Ca)	SM 2340-B	.13	X	X	X
Iron (Total)	EPA 6010B	01	X	X	X
Magnesium (Total)	EPA 6010B	0.1	X	X	X
Manganese (Total)	EPA 6010B	0.005	X	X	X
Potassium (Total)	EPA 6010B	1.0	X	X	X
Sodium (Total)	EPA 6010B	1.0	X	X	X
Aluminum (Total)	EPA 6010B	0.3			X(2)
Antimony (Total)	EPA 6010B	0.008			X(2)
Barium (Total)	EPA 6010B	0.005			X(2)
Beryllium (Total)	EPA 6010B	0.005			X(2)
Cadmium (Total)	EPA 6010B	0.005			X(2)
Chromium (Total)	EPA 6010B	0.01			X(2)

TABLE 4-4 (cont'd)
WATER QUALITY MONITORING PARAMETERS
DOLBY LANDFILL

Assessment Monitoring Program Test Parameters:

Water Quality Parameters	Method	Reporting Limit (mg/L)	Groundwater	Surface Water	Leachate
Inorganic Parameters					
Cobalt (Total)	EPA 6010B	0.01			X(2)
Copper (Total)	EPA 6010B	0.025		X(1)	X(2)
Lead (Total)	EPA 6010B	0.005			X(2)
Nickel (Total)	EPA 6010B	0.01			X(2)
Selenium (Total)	EPA 6010B	0.01			X(2)
Silver (Total)	EPA 6010B	0.01			X(2)
Thallium (Total)	EPA 6010B	0.015			X(2)
Zinc (Total)	EPA 6010B	0.02			X(2)
Organic Parameters					
Volatile Petroleum Hydrocarbons (VPH)	MADEP VPH Method	3.0 to 100 µg/L	X(3)		X(2)
Extractable Petroleum Hydrocarbons (EPH)	MADEP EPH Method	2.0 to 1000 µg/L	X(3)		X(2)

Notes:
1 Only measured at PBFR (Partridge Brook Flowage).
2 The leachate pond (LP) is sampled for the detection monitoring parameters every monitoring event and sampled for assessment parameters once a year (as per Chapter 405 leachate sampling requirements). The leachate pond (LP) was also sampled for VPH and EPH during all three monitoring events in 2020.
3 Monitoring wells MW-301, MW-302B, and MW-302C are sampled for VPH and EPH once a year (fall).

Abbreviations:
NA = Not Applicable

AERIAL PHOTO DATED JULY 8, 2008

LEGEND

- GROUNDWATER WELLS
- SURFACE WATER SITES

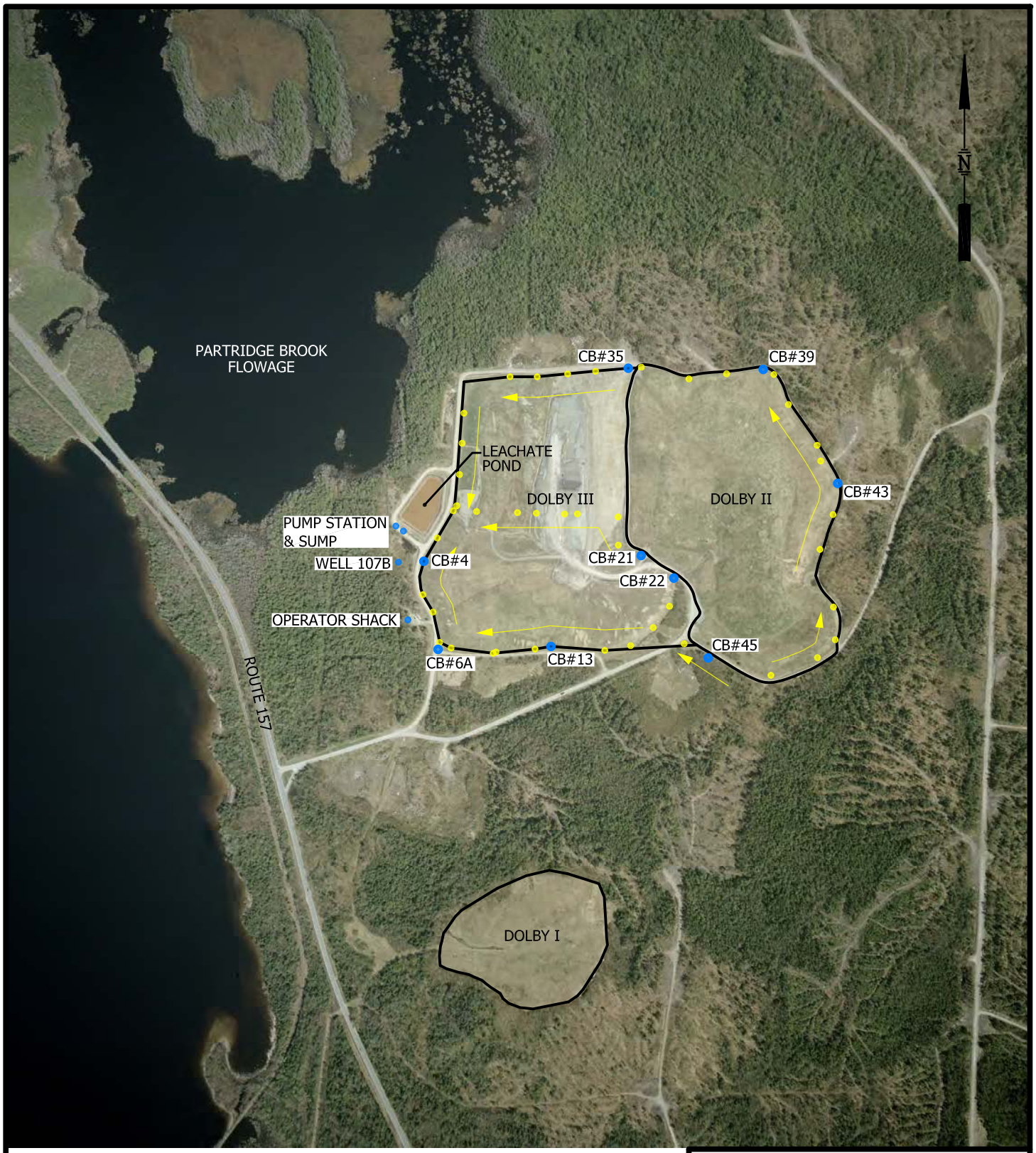
500 0 1000 FEET

DWG: AERIAL-2008 LMN: WAT SAMPL SITES WO CTB: SME-STD REV: 4/16/2019

FIGURE 4-1
WATER QUALITY
MONITORING LOCATIONS
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE

SME
SEVEE & MAHER
ENGINEERS

\\nserver\CFS\Kpc\Dol\ACAD\WaterSampleSites\Aerial-2008.dwg, 4/16/2019 10:58:25 AM, jrl



AERIAL PHOTO DATED JULY 8, 2008

500 0 1000 FEET

LEGEND

SAMPLE LOCATIONS

EXISTING MANHOLE/CATCH BASIN

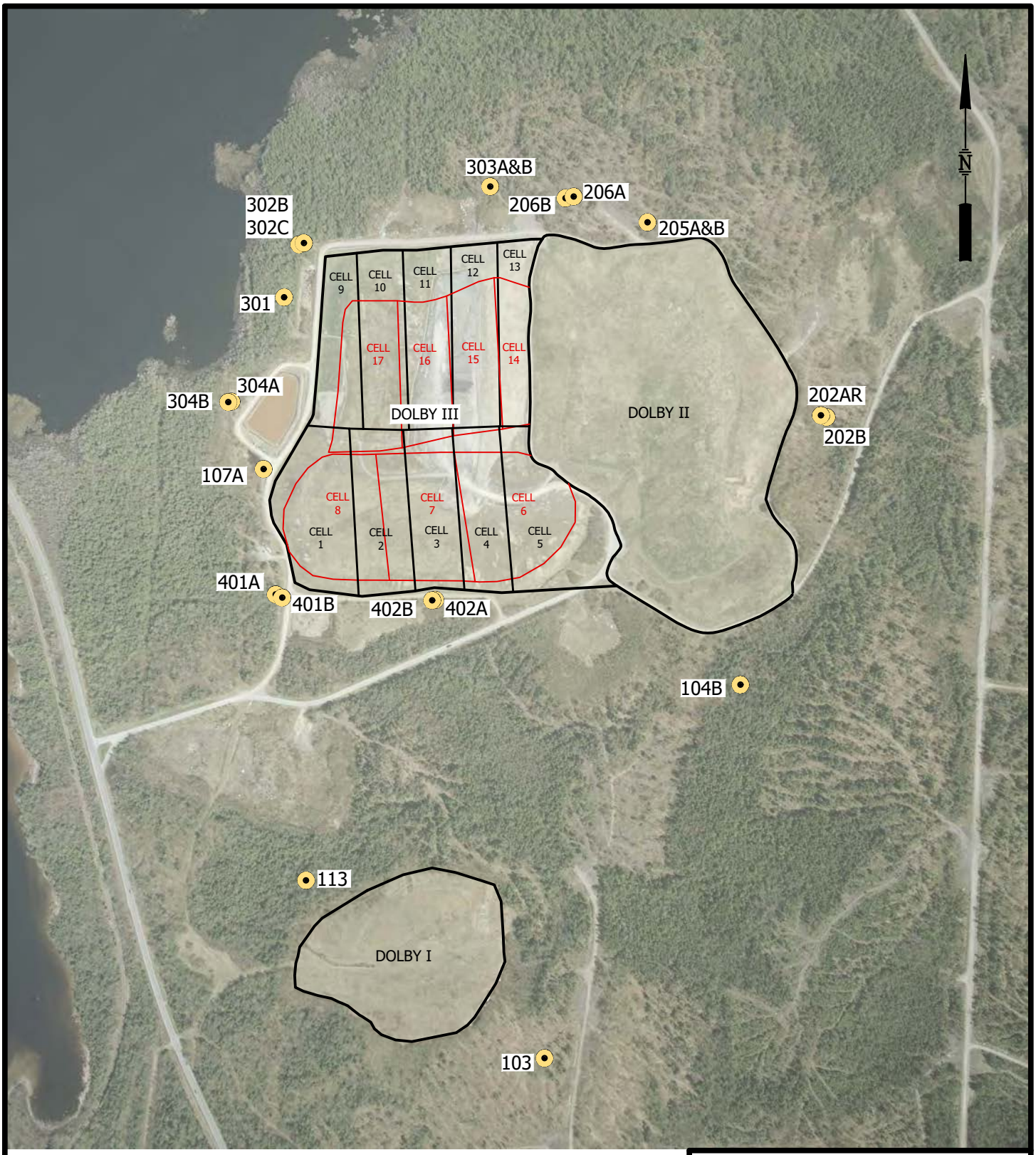
FLOW DIRECTION OF LEACHATE COLLECTION SYSTEM

DWG: AERIAL-2008 LMN: CB GAS MONITOR CTB: SME-STD REV: 4/18/2019

FIGURE 4-2
LANDFILL GAS
MONITORING LOCATIONS
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE

SME
SEVEE & MAHER
ENGINEERS

\\nserver\CFS\Kpc\Dol\ACAD\WaterSampleSites\Aerial-2008.dwg, 4/18/2019 9:34:11 AM, paf



LEGEND

GROUNDWATER WELLS

400 0 800 FEET

FIGURE 4-3
CELL LAYOUT AND MONITORING WELL LOCATIONS
DOLBY LANDFILL FACLITY
EAST MILLINOCKET, MAINE

SME
SEVEE & MAHER ENGINEERS

DWG: AERIAL-2008 LMN: FIGURE 5-1 CTB: SME-STD REV: 4/1/2021

5.0 WATER QUALITY EVALUATION

Water quality at the Dolby Landfill has been monitored since 1982. Summary tables of the historical water quality including the 2020 monitoring data are presented in Appendix G and Figure 4-1 shows the water quality monitoring locations**.** Detailed summaries of the data by monitoring location are shown on the well evaluation data summary sheets presented in Appendix H. The data summary sheets include measured concentrations for selected water quality parameters analyzed for the 2020 monitoring period, along with the mean and range of the historical record for those same parameters. Also identified on the data summary sheets are the 2020 parameter values that exceeded a historical minimum or maximum concentration value, as well as values that exceed applicable State or Federal water quality guidelines or standards.

The groundwater data for 2020 was evaluated on a well-by-well basis by comparison to Federal and State of Maine drinking water standards and guidelines (i.e., Federal Maximum Contaminant Levels [MCLs] and State of Maine Maximum Exposure Guidelines [MEGs]). Surface water results were compared to the State of Maine Freshwater Criterion Continuous Concentration (MFCCC) Standards. Additionally, the 2020 water quality samples were evaluated to determine if there were notable changes in concentrations of chemical parameters when compared to historical data.

As part of the water quality data evaluation, box and whisker plots were developed for selected parameters at each monitoring point. The annual range, median, and quartiles for each analytical parameter are shown on the box and whisker plots in Appendix H. These plots provide a useful means to visually depict annual and seasonal variations in the data and help show visual data trends over the entire sampling record. Visual evaluation of possible water quality trends (including the 2020 data) was aided by superimposing a Fast Fourier Transform (FFT) regression of the annual median concentration values of each parameter's dataset reaching back to monitoring completed in year 2000. A plot of the FFT regression accompanies the box and whisker plots in Appendix H.

Mann-Kendall (M-K) trend analyses (using a 95 percent confidence level) were run for 3- and 5-year water quality evaluation periods to help identify current trends in the data. Results of the M-K trend analyses are presented in Appendix H. The results were also evaluated in conjunction with visual data interpretations of time series plots (i.e., the box and whisker plots) and summary reports, which are presented in Appendix H. Note that the M-K analyses indicate increasing trends for several indicator and metal parameters at monitoring wells MW-301, 302B, 302C, 401B, and 402A over the last three-year and/or five-year monitoring periods. Each of these monitoring wells are downgradient of the Dolby III Landfill and various leachate and stormwater infrastructure that supports the environmental management of the landfill site. Land disturbance occurred in the vicinity of the above-mentioned monitoring wells in the last several years as result of sediment and vegetation removal from three nearby stormwater ponds and constructing final cover over a portion of Dolby III. Few other trends were

identified that were considered significant relative to further degradation of water quality at the Dolby Landfill in 2020.

An interpretation of the water quality data is presented in Sections 5.1, 5.2, and 5.3. Monitoring locations not specifically discussed in those sections exhibit data that were generally consistent with previous years and showed no apparent degradation trends and no notable occurrences of high parameter values. The information presented in the following sections was grouped by well location relative to the general directions of groundwater flow at the landfill site.

5.1 Groundwater Quality

5.1.1 Upgradient Monitoring Well

Monitoring well MW-104B monitors bedrock water quality to the south of the Dolby II Landfill. This monitoring well is located approximately 400 feet from the Dolby II perimeter and is not considered to be influenced by any of the Dolby Landfills based on the interpreted directions of groundwater flow. Notable observations in the 2020 upgradient water quality include:

- At MW-104B, the 2020 water quality data was generally consistent with historical data for this location. No distinct upward or downward data trends have been identified at this location. None of the parameters monitored at this location exceeded MCLs or MEGs in 2020.

5.1.2 Dolby I

Monitoring wells MW-103 and MW-113 monitor bedrock groundwater quality upgradient and downgradient of the Dolby I Landfill, respectively. Dolby I Landfill has been closed for more than 30 years and has been removed from the EMP.[2] To supplement the water quality monitoring for the overall Dolby Landfill site, field parameters are monitored at MW-103 and MW-113. Notable observations in the 2020 water quality include:

- Upgradient well MW-103 yielded an insufficient quantity of water to collect a sample during both summer and fall monitoring events. Specific conductance was measured at a historical high for the spring 2020 sampling. Other measurements collected for pH and dissolved oxygen were within their historical ranges; and
- At downgradient well MW-113, the 2020 water quality data suggests a slow improvement since the 1980s. Parameter concentrations at this location are characteristic of groundwater conditions downgradient of an unlined landfill with elevated specific conductance as compared to that in

[2] MW-103 and MW-113 were not included in the 2011 Environmental Monitoring Program (as per Section 3.5 of the 2010 Annual Report).

upgradient well MW-103. In the spring of 2020, the specific conductance was measured at a historical low, which continues to suggest improving conditions. Other measurements collected for pH and dissolved oxygen were within their historical ranges.

5.1.3 Dolby II

Eight monitoring wells positioned around the Dolby II Landfill perimeter were sampled for water quality in 2020 and included monitoring wells MW-202AR, MW-202B, MW-205A, MW-205B, MW-206A, MW-206B, MW-303A, and MW-303B. These monitoring wells provide spatially distributed data along the northern, southern, and eastern borders of the Dolby II Landfill.

Monitoring well MW-202AR is screened in the deep bedrock, while companion well MW-202B is set at the interface of the soil overburden and bedrock. These two monitoring wells are interpreted to represent groundwater flow downslope (easterly) of the Dolby II Landfill. Monitoring well MW-202AR replaced former well MW-202A in 1994. Notable observations in the 2020 water quality at these locations include:

MW-202AR

- At MW-202AR, the 2020 water quality data was generally consistent with historical data for that location. Historic low Specific Conductivity measurements were collected during all three monitoring events while Manganese and Chloride had historic low concentrations during the spring and fall monitoring events, respectively. Parameter concentrations at this location are characteristic of groundwater conditions downgradient of an unlined landfill and exhibit elevated concentrations of specific conductance, metals, and inorganic parameters as compared to upgradient well MW-104B. Slightly decreasing trends are apparent in MW-202AR for Specific Conductance, and chloride over the last five years. No other clearly visible trends were identified for MW-202AR in 2020.
- At MW-202AR, manganese, and sodium exceeded their MEGs of 0.3 mg/L, and 20 mg/L, respectively, during the spring, summer, and fall events of 2020. Arsenic exceeded its MEG and MCL of 0.01 milligrams per liter during the summer and fall events of 2020. No other parameters analyzed at this location exceeded MCLs or MEGs in 2020.

MW-202B

- Monitoring well MW-202B is a shallow companion well to MW-202AR. The parameter concentrations historically measured at MW-202B show similar patterns to those apparent at MW-202AR, but at generally lower concentrations and with more time related variability. Samples were not collected at MW-202B in 2020 because that well had become damaged over the past winter. Apparently frost lifted the protective casing resulting in bending/kinking of the inner PVC well standpipe such that equipment could no longer be inserted for sample collection. DAFS is planning on repairing/replacing MW-202B in 2021.

Monitoring well pairs MW-205A and MW-205B, MW-206A and MW-206B, MW-303A and MW-303B monitor northwesterly groundwater flow near the northern boundary of the Dolby II Landfill. The "A" designated wells monitor groundwater quality in the bedrock, while the "B" designated wells monitor groundwater quality in the soil overburden (i.e., glacial till). Notable observations in the 2020 water quality at these locations include:

MW-205A

- Parameter concentrations measured at MW-205A are characteristic of groundwater conditions downgradient of an unlined landfill and show elevated concentrations of specific conductance, several metals, and inorganic parameters as compared to upgradient monitoring well MW-104B. Specific conductance reached historic low measurements during all three 2020 monitoring events. Slightly decreasing trends are apparent in MW-205A for specific conductance, sulfate, and chloride over the last three to five years. No other upward or downward trends we identified at MW-205A in 2020.
- At MW-205A, manganese exceeded its MEG of 0.3 mg/L during the summer and fall monitoring events of 2020. Sodium exceeded its MEG of 20 mg/L during the spring, summer, and fall monitoring events in 2020. No other parameters analyzed at this location exceeded MCLs or MEGs in 2020.

MW-205B

- At MW-205B, historically decreasing trends for specific conductance, calcium, magnesium, sodium, total dissolved solids (TDS), sulfate, hardness, bicarbonate, and alkalinity have flattened. No other increasing or decreasing trends were identified at MW-205B in 2020.
- At MW-205B, manganese exceeded its MEG of 0.3 mg/L during the fall event of 2020. No other parameters exceeded MCLs or MEGs at MW-205B in 2020.

MW-206A

- Monitoring well MW-206A shows elevated concentrations of specific conductance, metals, and inorganic parameters as compared to upgradient monitoring well MW-104B. A new historical high concentration of iron was measured at MW-206A in during the fall 2020 monitoring event. The increasing concentration trends measured during 2015 and 2016 for alkalinity, ammonia, arsenic, bicarbonate, calcium, hardness, iron, magnesium, manganese, potassium, specific conductance, sodium, TDS, and TSS appear to have continued flattening compared to recent years.
- At MW-206A, arsenic, iron, manganese, sodium, and ammonia exceeded their MEGs of 0.01 mg/L, 5 mg/L, 0.3 mg/L, 20 mg/L, and 30 mg/L, respectively, during all three 2020 monitoring events. No other parameters analyzed at this location exceeded MCLs or MEGs in 2020.

MW-206B

- Parameters monitored during the spring 2020 monitoring event at MW-206B, were generally consistent with concentrations measured historically, with no new historic high or low parameter concentrations measured. Parameter concentrations measured at this location show minimal landfill influence when compared to the same parameters in deeper companion wells, i.e., MW-206A. No adverse trends in water quality were apparent at MW-206B. None of the parameters analyzed at this location exceeded MCLs or MEGs in 2020.

MW-303A

- Comparison of the 2020 water quality data in MW-303A with MW-303B indicates that similar chemical conditions exist in the bedrock and overburden groundwater at those monitoring locations. Parameter concentrations at both MW-303A and MW-303B show elevated concentrations for specific conductance, metals, inorganic and organic parameters as compared to upgradient monitoring well MW-104B. The overburden groundwater quality exhibits greater seasonal variation than apparent in the bedrock.
- At MW-303A, parameter concentrations during 2020 were generally consistent with historical concentrations, excepting new historical low concentrations for sulfate and chloride measured in 2020. Decreasing concentration trends for multiple parameters continued to slow or flattened in 2020.
- At MW-303A, manganese exceeded its MEG (0.3 mg/L) during each of the 2020 monitoring events. No other parameters analyzed at this location exceeded MCLs or MEGs in 2020.

MW-303B

- At MW-303B, seasonal variation over the monitoring record has been observed for parameters including, specific conductance, calcium, magnesium, hardness, sodium, total organic carbon (TOC), and chloride.
- Parameter concentrations during 2020 were generally consistent with historical concentrations at MW-303B. Decreasing concentration trends for multiple parameters continued to slow or flatten in 2020. Ammonia concentrations have increased slightly over the last three to five years at MW-303B. Ammonia remains well below its MEG of 30 mg/L at this location.
- At MW-303B, manganese exceeded its MEG (0.3 mg/L) during each of the three 2020 monitoring events. No other parameters analyzed at this location exceeded MCLs or MEGs in 2020.

5.1.4 Dolby III

Ten monitoring wells near the perimeter of the Dolby III Landfill were sampled in 2020. Figure 4-3 shows the location of the monitoring wells relative to the individual cells that comprise Dolby III. Two monitoring wells (MW-402A and MW-402B) are located cross-gradient of landfill Cells 3A and 3B near the southern

border of Dolby III. Monitoring wells MW-107A, MW-401A, and MW-401B are positioned downgradient of Cells 1 through 8 along the western perimeter of the Dolby III Landfill. Three monitoring wells (MW-301, MW-302B, and MW-302C) are located adjacent to the northwestern corner of Dolby III and downgradient of Cells 9 through 16. Monitoring wells MW-304A and MW-304B are located near the northwest side of the Dolby III Landfill leachate pond and downgradient of the landfill. Because the Dolby III Landfill is immediately adjacent to, and downslope of the Dolby II Landfill, monitoring well MW-104B is considered the background monitoring well for Dolby III.

5.1.4.1 Side-gradient Monitoring Wells

Monitoring well pair MW-402A and MW-402B monitor bedrock and overburden groundwater quality, respectively, side-gradient of Dolby III Cell 3. Notable observations in the 2020 water quality include:

MW-402A

- At MW-402A, water quality has generally remained consistent throughout the monitoring history. Parameter concentrations suggest limited groundwater degradation may be occurring at this location. In 2020, sodium, calcium, magnesium, and hardness were measured at historically high concentrations during the summer and fall monitoring events. Calcium, magnesium, manganese, sodium, bicarbonate, alkalinity, and TOC have increased at MW-402A over the last five years. Chloride and sulfate concentrations have leveled off or decreased over the last several years. No other upward or downward concentration trends have been identified at MW-402A. None of the water quality parameters analyzed at MW-402A exceeded MCLs or MEGs in 2020.

MW-402B

- At MW-402B, parameter concentrations in 2020 were generally within the range of historical values, with only sodium reaching a historical low concentration during the spring monitoring event. Specific conductance values reached historic low values during all three monitoring events. Specific conductance, sodium, total dissolved solids, and chloride have decreased at MW-402B over the last five years. Most other parameter concentrations have leveled over the last several years at MW-402B.
- At MW-402B, manganese and sodium exceeded their respective MEGs of 0.3 mg/L and 20 mg/L, during each of the three monitoring events in 2020. None of the other parameters analyzed for this location exceeded MCLs or MEGs in 2020.

5.1.4.2 Downgradient Monitoring Wells.

Monitoring wells MW-107A, MW-401A, and MW-401B serve as downgradient wells for Dolby III Landfill Cells 1 through 8. MW-107A and MW-401A are screened in bedrock, while the MW-401B well is screened in overburden.

MW-107A

- At MW-107A, parameter concentrations during 2020 were generally consistent with historical concentrations for this location. Historic high concentrations of sodium and ammonia were measured at MW-107A in the fall of 2020.
- Concentrations of multiple parameters at MW-107A appear to be leveling off, with no upward or downward trends visually apparent.
- Manganese and sodium exceeded their MEGs of 0.5 mg/L and 20 mg/L, respectively, at MW-107A during each of the 2020 monitoring events. No other parameters analyzed at this location exceeded MCLs or MEGs in 2020.

MW-401A

- At MW-401A, parameter concentrations were generally consistent with historical data at this location, with new historical high concentrations of hardness, magnesium, sulfate, bicarbonate, and alkalinity measured in 2020. Magnesium, potassium and hardness appear to be trending slightly upward over the last three years. Chloride concentrations have decreased over the last five years. No other upward or downward trends have been observed at this location. Arsenic was measured above its MEG and MCL (0.01 mg/L) for each of the 2020 monitoring events. No other parameters analyzed at this location exceeded MCLs or MEGs in 2020.

MW-401B

- Historic high concentrations of magnesium, manganese, and hardness were measured during the fall 2020 monitoring event for monitoring well MW-401B. Calcium, magnesium, and hardness have increased over the last five years at MW-401B. Chloride and sulfate concentrations reached historic lows in 2020. Chloride and sulfate have steadily decreased at MW-401B over the last fifteen years. No other notable upward or downward concentration trends have been observed at this location.
- At MW-401B, manganese exceeded its MEG of 0.3 mg/L for the fall 2020 monitoring event. No other parameters analyzed at MW-401B exceeded MCLs or MEGs in 2020.

Three monitoring wells are positioned downgradient of Dolby III Cells 9 through 16. Monitoring well MW-301 is screened in overburden, while monitoring wells MW-302B and MW-302C are screened in bedrock and overburden, respectively.

MW-301

- At MW-301, generally steady increases in magnesium, TOC, sodium, TDS, bicarbonate, and alkalinity have been measured since the late 1990s. Specific conductance had decreased over the last three years while decreasing trends in chloride have been observed for the past

several years. A historic low water level was measured in the summer 2020 monitoring event at MW-301.

- At MW-301, manganese and sodium exceeded their MEGs of 0.3 mg/L and 20 mg/L, respectively, during each of the 2020 monitoring events. None of the other parameters analyzed at this location exceeded MCLs or MEGs in 2020.
- Volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH) analyses were performed on samples obtained from MW-301 for the fall 2020 monitoring event. No VPH or EPH constituents were detected above the laboratory reporting limits in 2020.

MW-302B AND MW-302C

- At MW-302B and MW-302C, bicarbonate, alkalinity, magnesium, manganese, potassium, sodium, hardness, and total organic carbon have been increasing since the 1990s. Ammonia has increase at MW-302B and MW-302C since 2015. Sulfate concentrations have decreased at MW-302B and MW-302C since 2005. Chloride concentrations have decreased at MW-302B and MW-302C over the last five years.
- At MW-302B the well's water level for summer 2020 was close its historical low measured at this location. Several parameters were elevated well above historic highs during the summer including calcium, magnesium, manganese, potassium, sodium, and hardness. These elevated concentrations during the summer event are likely the result of the low groundwater table.
- At MW-302B and MW-302C, manganese and sodium exceeded their MEGs of 0.3 mg/L and 20 mg/L, respectively, for each of the 2020 monitoring events. None of the other parameters analyzed at these locations exceeded MCLs or MEGs in 2020.
- VPH and EPH analyses were performed on samples obtained from MW-302B and MW-302C during the fall 2020 monitoring event. No VPH or EPH constituents were detected above the laboratory reporting limits at MW-302B or MW-302C in 2020.

Monitoring well pair MW-304A and MW-304B are screened in the bedrock and overburden, respectively, and are downgradient of the Dolby III leachate pond. Both wells have exhibited similar improving trends in groundwater quality over their monitoring record. The improving trends are likely related to improvements made to the leachate pond. In 2007, the leachate pond was reconstructed to include a double-geosynthetic liner system with leak detection. Improvements in water quality may also be related to redirecting the leachate pond underdrain outlet from discharging to the native ground surface to being collected and pumped to the leachate pond in 2005.

MW-304A

- At MW-304A, all parameter concentrations remained within their historical ranges in 2020 except for historic low specific conductivity measurements collected in the spring and summer events. Decreasing trends which were observed for several parameters since 2005, including specific conductance, calcium chloride, bicarbonate, and alkalinity, began to level off over the last two years. None of the parameters analyzed at the MW-304A exceeded MCLs or MEGs in 2020.

MW-304B

- At MW-304B, all parameter concentrations remained within historical ranges in 2020 except for iron and manganese which measured at historical highs in the summer 2020 monitoring event. These historic highs may be the result of a low water level measured during the summer event at MW-305B. With the exception of increases in manganese and iron over recent years, most parameter concentrations appear to be leveling off at MW-304B. In 2020 at MW-304B manganese slightly exceeded its MEG of 0.3 mg/L during the summer monitoring event.

5.2 Surface Water Quality

Surface water quality sample locations are shown on Figure 4-1. Partridge Brook Flowage is sampled at two locations (PBFB and PBFR) as part of the Dolby Landfill EMP. PBFB is the background location for the flowage and is positioned approximately 1,000 feet northwest of the leachate pond, on the opposite side of the flowage. PBFR is located on the landfill side of the flowage and downgradient of the leachate pond. PBFR is a replacement location for the former PBF location, which was sampled for the last time in 2011. PBFR is located downstream of the PBF location. PBFR was positioned to reflect potential runoff contributions to the flowage from the landfill's sediment pond. The PBFR location was established at the request of MEDEP given that PBF was originally located near the former discharge location for the leachate pond's underdrain. (Note, the leachate pond underdrain is pumped into the leachate pond pump station and receives treatment with the landfill leachate.)

Three sediment ponds (Sediment Ponds #1, #2, and #3) are positioned downslope of the Dolby III Landfill (see Figure 4-1). Sediment Ponds #1, and #3 are located near the southwest and northeast corners of the landfill, respectively. Sediment Pond #2 is located immediately south of the leachate pond. Surface water monitoring is performed at the outlet points for each pond. The surface water sample location designations are SPOS (Sediment Pond Outlet South – Sediment Pond #1), SPO (Sediment Pond Outlet – Sediment Pond #2), and SPON (Sediment Pond Outlet North – Sediment Pond #3).

The ditch to the northwest of the landfill (surface water sample point (ND)) has historically been dry and remained so for the three monitoring events in 2020. SPO was not sampled for any of the three 2020

monitoring events due insufficient water for sample collection. SPON was not sampled during the spring or summer 2020 monitoring events due to insufficient water for sample collection. Surface water at the SPOS was sampled for all three monitoring events.

- At the PBFB location, the 2020 parameter concentrations were within the historical range. None of the parameters analyzed in 2020 for this location exceeded the MFCCC limits. PBFB is background surface water and is not affected by the landfill.
- At the PBFR location, parameter concentrations were within the historical range for that location except for an elevated dissolved oxygen reading collected in the fall. None of the parameters measured for PFBR exceeded MFCCC limits in 2020. As part of the Dolby EMP, copper is analyzed at the PBFR location. The laboratory reporting limit for copper in 2020 was not sufficiently low to meet the MFCCC limit. Copper was not detected above the laboratory reporting limit for all three monitoring events in 2020.
- Surface water sample location SPO has been periodically dry since monitoring began at that location in 1991. Similar to the three-year period between 2016 and 2018, SPO was dry during all three monitoring events in 2020.
- Parameter concentrations for SPON and SPOS have remained relatively stable since monitoring was initiated at those locations. SPON was only sampled during the fall 2020 monitoring event due to insufficient water in the spring and summer. Magnesium, manganese, potassium, calcium, hardness sodium, alkalinity, total dissolved solids, and chloride concentrations decreased over the last three years at SPON. No other increasing or decreasing trends were observed at SPON during 2020. None of the parameters measured at SPON exceeded the MFCCC in 2020.
- At SPOS, all parameter concentrations remained within their historical range during 2020. No consistent increasing or decreasing trends are apparent at SPOS. In 2020 at SPOS iron exceeded its MEG of 1.0 mg/L during the spring and summer monitoring events.
- Sample location ND was not sampled in 2020 due to dry conditions during each of the monitoring events. This location has been dry during most monitoring events since 1991. No significant trends are apparent in the limited data for the ND sample location.

5.3 Leachate Quality

Three leachate sources are sampled at the Dolby Landfill: the Dolby II Leachate Pond (LPD2); the Dolby III Leachate Pond (LP); and the Leak Detection Sump (LDS) which is associated with the Dolby III Leachate Pond.

- Leachate Pond (LP) parameter concentrations remained within historical limits in 2020 except for a historical low manganese concentration measured during the summer monitoring event. No detectable VPH or EPH compounds were reported for the leachate samples tested.
- Leak Detection System (LDS) parameter concentrations remained within historical limits in 2020 except for specific conductance, sodium, and chloride in which case concentrations were measured which reached historical high concentrations during all three 2020 monitoring events. Comparison of the parameter concentrations of LDS with those for the leachate pond (i.e., LP) show close similarity and is suggestive of a possible leak in the primary liner of the leachate pond. It is recommended an investigation of the cause for the increased parameter concentrations be conducted in summer 2021, when leachate flows into the pond are typically lowest. No record of the volume of liquid pumped from the leak detection system is available for 2020 due to a malfunctioning flow meter for the LDS. The flow meter is expected to be repaired/replaced in 2021 and will used to assist with the LDS investigation.
- Monitoring location LPD2 is representative of the water in the Dolby II leachate pond located on the eastern side of Dolby II. Water quality data from LPD2 in 2020 was generally within the historical concentration range for that location with slight decreases in alkalinity and iron and slight increases in nitrate and organic carbon recorded for the fall 2020 monitoring event. Concentrations of most parameters analyzed historically at LPD2 are higher in the summer as compared to those collected during the spring and fall events. No increasing or decreasing trends were observed at LPD2 during 2020.

5.4 Data Validation and Quality Control (QC)/Quality Assurance (QA)

Data validation and QC/QA are an integral part of the Dolby Landfill water quality monitoring and are necessary to allow assessment of the adequacy of analytical results for their intended use. Field QC/QA activities associated with the water quality sampling for the Dolby Landfill include utilization of standardized sample collection procedures and data recording, calibration of field instruments, and use of chain-of-custody procedures. Analytical QC/QA involves the use of approved analytical protocols by qualified laboratories. Assessment of analytical data quality is performed through review of method-specified quality control data that is delivered with the analytical results. The EMP for Dolby summarizes the sampling procedures and analytical techniques, as well as the QC/QA methods used for the groundwater and surface water monitoring program at the Dolby Landfill in 2020.

Data validation documentation for the Dolby Landfill in 2020 has been previously submitted to MEDEP as part of the data submittals for each of the 2020 monitoring events. The following data validation protocols, as described in the MEDEP Maine SWMRs Chapter 405, were previously submitted to MEDEP to verify the accuracy and precision of the reported results:

- Verification of continuous chain-of-custody for each sample;
- Verification that sample holding times were met;
- Evaluation of duplicate analysis performance;
- Calculation of the ratio of total dissolved solids to specific conductance;
- Comparison of current data with historical data and identification of anomalous results;
- Identification of any parameter in field equipment blanks; and
- Well depth measurements.

6.0 EVALUATION OF LANDFILL GAS MONITORING DATA

Landfill gas concentrations were measured in 2020 at locations where landfill gas may collect and pose a potential threat to health or safety. The landfill gas-monitoring program includes measurement of methane and hydrogen sulfide (H_2S) concentrations in potential landfill gas accumulation areas such as the leachate pond pump station, leachate collection manholes and beyond the landfill boundary (i.e., in monitoring wells). Three landfill gas monitoring events were performed in 2020 and the results of that monitoring are presented as Appendix J. A RKI GX2003 portable gas detector (or an equivalent instrument) was used to measure methane and hydrogen sulfide concentrations. Existing landfill gas monitoring locations at the landfill include the following:

- The operator shack, which is located southwest of Dolby III;
- The Dolby III leachate pond pump station control room and wet well;
- Monitoring well MW-107B, which is located southeast of Dolby III; and
- Nine manholes/catch basins located around the perimeter of Dolby II and Dolby III.

The landfill gas monitoring locations are shown on Figure 4-2.

6.1 Operator Shack

Landfill gas monitoring inside the operator shack is conducted to check the breathing zone relative to the health and safety of landfill personnel using that space. During 2020, landfill gas concentrations measured inside the operator shack were below the monitoring instrument's detection limits.

6.2 Dolby III Leachate Pond Pump Station

During 2020, landfill gas concentrations measured in the leachate pump station control room and associated wet well were below the monitoring instrument's detection limits. It should be noted that the wet well is designated as a confined space; therefore, all human activities in the wet well must follow confined space entry procedures.

6.3 Monitoring Well MW-107B

Landfill gas readings have been taken in the wellbore at MW-107B since May 2002. During 2020, methane and hydrogen sulfide concentrations in MW-107B were below the monitoring instrument's detection limits.

6.4 Manholes/Catch Basins

During 2020, landfill gas readings were taken at nine manholes/catch basins positioned around the Dolby II and Dolby III Landfills.

The three 2020 gas monitoring events provided the following overall maximum methane levels (methane equivalent, percent by volume) and maximum hydrogen sulfide levels (parts per million [ppm]) measurements:

- CB #4 – 15 percent methane and 1.0 ppm H_2S,
- CB #6A – 11 percent methane and <0.1 ppm H_2S,
- CB #13 – <0.1 percent methane and <0.1 ppm H_2S,
- CB #21 – <0.1 percent methane <0.1 ppm H_2S,
- CB #22 – <0.1 percent methane and <0.1 ppm H_2S,
- CB #35 – <0.1 percent methane and <0.1 ppm H_2S,
- CB #39 – <0.1 percent methane and <0.1 ppm H_2S,
- CB #43 – <0.1 percent methane and <0.1 ppm H_2S, and
- CB #45 – <0.1 percent methane and <0.1 ppm H_2S.

Note, the water quality data transmittal for spring 2020 water included a numeric error for catch basin CB #4. The methane gas measurement for CB #4 was read as being 100 percent by volume. That reading was incorrect. The methane reading for the spring 2020 monitoring event at CB #4 was 15 percent by volume.

From a health and safety perspective, the manholes/catch basins can only be accessed using confined space entry procedures. If any work is to be completed near or within the structures, air monitoring will be implemented as required by applicable rules/regulations.

7.0 WASTE STREAMS DELIVERED TO LANDFILL

Approximately 555 cubic yards of solid waste were delivered to the Dolby III Landfill in 2020. Table 7-1 summarizes the quantities delivered by waste stream.

TABLE 7-1

2020 WASTE DISPOSAL SUMMARY

Month	Ash[1]	Misc. Waste[2]
January		0
February		0
March		0
April		0
May		0
June	126	0
July		0
August	191	0
September		0
October		0
November	157	0
December	81	0
Total (CY)	555	0
Cumulative Total (CY)	555	

Notes:
1. Ash from Millinocket transfer station, East Millinocket transfer station, and Medway transfer station.
2. Waste materials from landfill leachate pond and pipeline cleaning (sediment, gloves, rags, piping, etc.).

8.0 FINANCIAL ASSURANCE

According to 06-096 CMR 400(11), the State of Maine is not required to provide financial assurance for closure and post-closure care of the Dolby Landfill facility. The DAFS has the authority to seek legislative appropriations, as necessary, to fund anticipated operation and maintenance of the Dolby Landfill facility when needed.

9.0 SUMMARY

Approximately 555 cubic yards of waste were placed in the Dolby III Landfill in 2020.

Approximately 19,754 feet of leachate transport pipeline were cleaned in August 2020. The pumping flow rates before and after the pipeline cleaning were measured and showed a pumping flow increase of more than 30 percent.

Review of the 2020 water quality data from Dolby I, Dolby II, and Dolby III indicates that ground and surface water quality at the site remains generally consistent with that reported in previous years with minimal, if any, increased degradation apparent.

The following observations are offered relative to site water quality and landfill operation for 2020:

- Groundwater monitored hydraulically downgradient of the Dolby Landfills to the north, east, and west, generally exhibited higher parameter concentrations than those found at the upgradient groundwater monitoring location for the Dolby Landfill facility.
- Surface water quality downgradient of the leachate pond continues to show general improvement since relining of the leachate pond in 2007 and collection of groundwater resulting from the leachate pond underdrain system.

In 2020, the leachate pond and groundwater from monitoring wells MW-301, MW-302B, and MW-302C were analyzed for VPHs and EPHs. No VPHs or EPHs were detected in monitoring wells MW-301, MW-302B, MW-302C, or in the leachate for 2020.

MEDEP primary drinking water standards (i.e., MCLs and MEGs) were exceeded in several of the groundwater monitoring wells one or more times in 2020. Arsenic exceeded its respective MCL and MEG at three monitoring well locations. Iron exceeded its respective MEG in two monitoring wells; manganese exceeded its MEG in 12 monitoring wells; and sodium exceeded its MEG at eight monitoring wells. Manganese have historically been present in the site groundwater, including in the upgradient monitoring well for the Dolby Landfill facility. The MFCCC was not exceeded at any of the four surface water monitoring locations. Overall, the impact from the Dolby Landfills on the surrounding water quality is considered to pose a minimal threat to public health.

10.0 RECOMMENDATIONS AND PLANNED OPERATIONAL ADJUSTMENTS FOR 2020

The Dolby Landfill has been closed to receiving residuals from pulp and paper making and other mill-related wastes since 2011. The Dolby I and II Landfills were closed many years ago using soil covers and all but 4.5 acres of the Dolby III Landfill have received various forms of final cover. Approximately 2 acres of the Dolby III Landfill (on the north end) were closed in 2011 with daily cover and approximately 2.5 acres of the Dolby III Landfill (on the south end) were opened as a temporary cell for lagoon sludge disposal (from East Millinocket) in 2018. The daily covered area and the temporary cell are planned for closure when the next phase(s) of cover upgrade are implemented for Dolby III. In the interim, the temporary cell is expected to receive (1) small volumes of wood ash from several nearby municipal owned solid waste transfer stations and (2) small volumes of sediment and disposables from the annual cleaning of the Dolby III leachate pond and the leachate transport pipeline.

Water quality monitoring has been conducted at the Dolby Landfill three times per year (spring, summer, and fall) since the 1980s. As part of the 2019 Annual Report for the Dolby Landfill facility, a recommendation was made to reduce water quality sampling to two (2) times per year, spring (typically high groundwater table) and fall (typically low groundwater table). In 2020, MEDEP agreed with SME's recommendation and 2021 will be the start of the reduced monitoring frequency. The water quality monitoring parameters and sampling protocols for the 2021 water quality monitoring events will remain the same.

As discussed in Section 5.3, water quality measurements for the leak detection system associated with the Dolby III leachate pond suggest a leak may have occurred in either the primary or secondary liners for the pond. Both liners consist of high density polyethylene (HDPE) geomembranes and include booted pipeline penetrations for moving leachate into and out of the leachate pond. It is recommended the cause for the increased parameter concentrations in the leak detection system be investigated, identified, and mitigated in 2021. The investigation will likely involve lowering the leachate pond level, inspecting the boots for the pipeline penetrations, including the mechanical clamps used to secure the boots to the pipelines and measuring flow from the LDS. A decision will be made at the time of investigation as to if the surface of the leachate pond's primary liner needs to be cleaned for further inspection/identification/repair of possible leak points.

The only operational change for the Dolby Landfill facility in 2021 is expected to be a change in water quality monitoring frequency as described in Section 3.5. No other changes to the Dolby Environmental Monitoring Plan (EMP) or the Dolby Landfill operation are foreseen. As recommended in Section 3.5, the contents of Appendix E (to this annual report) should be attached to the current EMP, which is on file with MEDEP and DAFS, to document the monitoring frequency change.

In 2021, repair/replacement of monitoring well MW-202B and the leak detection flow meter (for the Dolby III leachate pond leak detection system) are also planned.

REFERENCES

E.C. Jordan Co., 1985. Test Pit Observations, Sludge Landfill, East Millinocket, Maine, June 1985.

E.C. Jordan Co., 1984. Dolby III Landfill Permit Application.

E.C. Jordan Co., 1981. Geohydrologic Study of the Dolby Landfill Sites, November 1981.

E.C. Jordan Co., 1978. Preliminary Subsurface Investigation, Sludge Landfill Expansion – East Millinocket, Maine, March 21, 1978.

E.C. Jordan Co., 1975. Proposed Bleach Kraft Pulp Mill, Great Northern Paper Company, Millinocket, Maine – Geotechnical Investigation.

Sevee & Maher Engineers, Inc., 1989. Application for License Renewal, Dolby III Landfill, Great Northern Paper Company Millinocket, Maine.

Sevee & Maher Engineers, Inc., 2011. Operating Manual for Dolby III Landfill, East Millinocket, Maine (revised April 2011).

Sevee & Maher Engineers, Inc., 2012. Environmental Monitoring Plan, Dolby Landfill (revised April 2012).

APPENDIX A

LANDFILL INSPECTION REPORTS

SME
SEVEE & MAHER
ENGINEERS

SME
SEVEE & MAHER
ENGINEERS

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MEMO TO: John Blais, State of Maine **(VIA EMAIL)**

CC: Matt Muzzy, SME

FROM: Brian Pierce, SME

DATE: May 19, 2020

SUBJECT: **LANDFILL INSPECTION**
SPRING 2020
DOLBY I, II AND III LANDFILLS

The Dolby I, II, and III Landfill inspection was performed by Brian Pierce of SME on May 8, 2020. Inspection forms and photographs are attached.

This inspection identified five maintenance items that should be addressed before the end of 2020.

1. Replace the leak detection system flow meter. The existing flow meter isn't working and needs to be repaired or replaced as it establishes the leakage rate for the leak detection system. Observation of the interior of the leak detection manhole where the leak detection flow meter is housed in indicates that water in the manhole is likely the cause of malfunction. Mid-South Engineering (MSE) plans to pump the water from the manhole, remove the flow meter, then dry it out to see if it will work. If the flow meter doesn't work after being dried out SME recommends installing a new flow meter. Regardless of the outcome, SME and Mid-South will make changes to the manhole to make the manhole more waterproof.
2. Replace the water level transducer for the leachate pond pump station. The existing leachate pond pump station transducer (installed in the leachate pond sump) is failing occasionally and needs frequent cleaning. The cost of transducer replacement is significantly less than continued transducer maintenance.
3. Replacement of utility poles and associated communications lines along the leachate transport pipeline right-of-way. Several utility poles are currently broken, and the communications line supported by the poles is lying on the ground for a significant distance. The poles should be replaced and the lines re-installed. Trees leaning on, or threatening to, the communications line should also be removed from the utility lines.
4. Replacement of a failing culvert along the leachate transport pipeline right-of-way. This culvert should be replaced in the summer or early fall of 2020 when flows in the drainage channel are at low levels.
5. Repair one gas vent on the top of the Dolby III Cover Upgrade area. The gas vent was not attached to its base when found this spring. It appears the vent was not originally glued to its base. Repair will include hand excavation (+/- 9"depth) around the base, inserting a 4" coupling, and gluing the vent pipe onto its base.

The following maintenance items were identified and can be addressed in the future as they are not currently causing problems with landfill operations:

1. Replacement of the culvert crossing the Landfill perimeter road between the southwest corner of Dolby III and the southwest sedimentation basin. The culvert is damaged (but functional). Replacement of this culvert is anticipated when cover upgrade construction occurs in the southwest corner of the Dolby III landfill.
2. The animal burrow noted on the north side of Dolby III cover should be filled at some point in the future.

Please contact Matt Muzzy or me if you have any questions or require additional information.

Thank you.

Attachments

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby III Landfill South Side

Valley Between Dolby III and Dolby II from top of Dolby III

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby III Temporary Disposal Cell for Lagoon Waste

Dolby III Temporary Disposal Cell for Lagoon Waste

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby III Gas Vent (To Be Repaired)

Dolby III Cover Upgrade Area

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby III Cover Upgrade Area (West Side)

Dolby III Cover Upgrade Area (West Side)

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby III Open Area (North Side)

Dolby III and Dolby II Valley Area

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby III (North Side)

Dolby III Cover Upgrade Downspout (West Side)

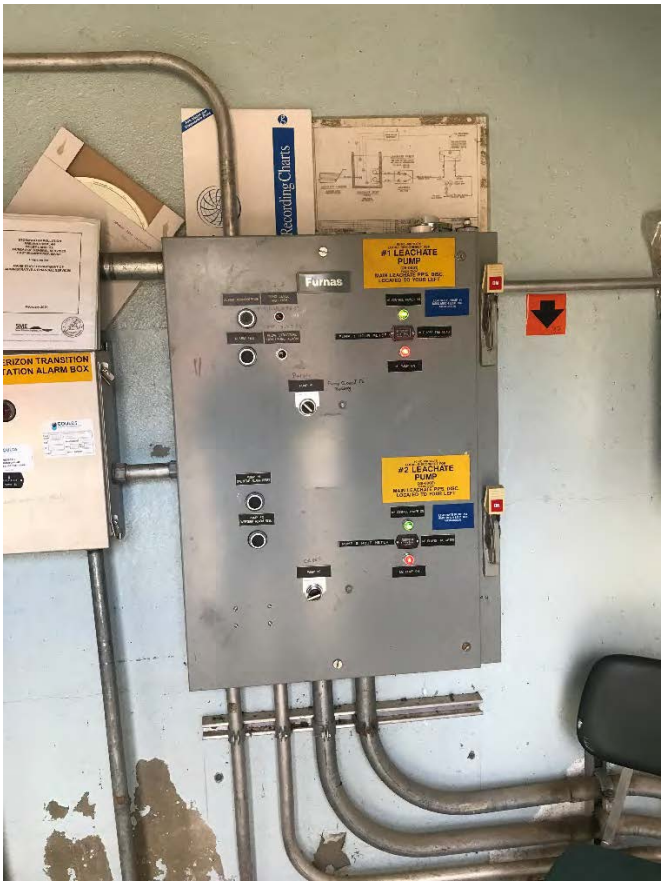
Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Northwest Sediment Pond (Sediment Pond 3)

Dolby Leachate Pond

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

West Sediment Pond (Sediment Pond 2)



Dolby Leachate Pond Pump Control Panel

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby II (North Side)

Dolby II Leachate Holding Pond

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby I West End Pond

Dolby I

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Dolby I

Leachate Pipeline Communications Line and Pole

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Leachate Pipeline Access Road Culvert Failure

Leachate Pipeline Transition Station

Dolby Landfill Inspections Photographs
East Millinocket, Maine
May 2020

Leachate Pipeline Flow Meter Building and Emergency Leachate Unloading Pad

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MEMO TO: John Blais, State of Maine **(VIA EMAIL)**

CC: Matt Muzzy, SME

FROM: Brian Pierce, SME

DATE: July 7, 2020

SUBJECT: **LANDFILL INSPECTION**
SUMMER 2020
DOLBY I, II AND III LANDFILLS

The Dolby I, II, and III Landfill inspection was performed by Brian Pierce of SME on July 2, 2020. Inspection forms and photographs are attached.

This inspection identified five maintenance items that should be addressed before the end of 2020.

1. Replace the leak detection system flow meter. The existing flow meter isn't working and needs to be repaired or replaced as it establishes the leakage rate for the leak detection system. Observation of the interior of the leak detection manhole where the leak detection flow meter is housed in indicates that water in the manhole is likely the cause of malfunction. Mid-South Engineering (MSE) plans to pump the water from the manhole, remove the flow meter, and then dry it out to see if it will work. If the flow meter doesn't work after being dried out SME recommends installing a new flow meter. Regardless of the outcome, SME and Mid-South will make changes to the manhole to make the manhole more waterproof.
2. Replace the water level transducer for the leachate pond pump station. The existing leachate pond pump station transducer (installed in the leachate pond sump) is failing occasionally and needs frequent cleaning. The cost of transducer replacement is significantly less than continued transducer maintenance.
3. Replacement of a failing culvert along the leachate transport pipeline right-of-way. This culvert should be replaced in the summer or early fall of 2020 when flows in the drainage channel are at low levels.
4. Repair one gas vent on the top of the Dolby III Cover Upgrade area. The gas vent was not attached to its base when found this spring. It appears the vent was not originally glued to its base. Repair will include hand excavation (+/- 9"depth) around the base, inserting a 4" coupling, and gluing the vent pipe onto its base.
5. Mowing of the Dolby II and Dolby III landfills.

The State of Maine has issued an amendment to SME's original contract to address the repair items above. These items will be addressed under that contract.

The following maintenance items were identified and can be addressed in the future as they are not currently causing problems with landfill operations:

1. Replacement of the culvert crossing the Landfill perimeter road between the southwest corner of Dolby III and the southwest sedimentation basin. The culvert is damaged (but functional).

Replacement of this culvert is anticipated when cover upgrade construction occurs in the southwest corner of the Dolby III landfill.

2. The animal burrow noted on the north side of Dolby III cover should be filled at some point in the future.

Manhole inspection was also performed on May 8, 2020 and July 2, 2020 in accordance with the facilities Leachate Manhole Inspection Plan, manhole inspection included inspection of approximately one-third of all landfill manholes. No immediate manhole repairs or maintenance is necessary, however, several of the manholes should be cleaned prior to final capping of the Dolby III Landfill. This manhole inspection allows inspection of each manhole every three years. Inspection forms and photographs are attached.

Please contact Matt Muzzy or me if you have any questions or require additional information.

Thank you.

Attachments

DOLBY LANDFILL
LANDFILL INSPECTION CHECKLIST

Date: July 2, 2020 Time: 1:00 p.m. to 5:00 p.m.

Weather: Sunny 80's Inspected By: BDP

Item	Condition	
DOLBY I LANDFILL	**Ok**	**Not Ok**
COVER SYSTEM		
Erosion, Channeling, Eruptions	**X**	
Poor Drainage, Ponding	**X (1)**	
Excessive Settling, Crack Development	**X**	
Grass Die-off-Failure to Thrive	**X**	
Mowing Required	**X (2)**	
Germination of Trees, Deep Root Vegetation	**X (2)**	
Animal Burrowing	**X**	
COLLECTION PONDS		
West End Pond Level (low, medium, or high)	**X (Low)**	
East End Pond Level (low, medium, or high)	**X(Low)**	
Vegetative Build-up in Ponds (Cat Tails and Trees)	**X**	
ACCESS GATES		
Gates Secured and Working Properly (Facility Main Gates)	**X**	
Road Accessible by Vehicle	**X**	
DOLBY II LANDFILL		
COVER SYSTEM		
Erosion, Channeling, Eruptions	**X**	
Poor Drainage, Ponding	**X**	
Excessive Settling, Crack Development	**X**	
Grass Die-off, Failure to Thrive	**X(3)**	
Mowing Required (Mowing Should Occur Next Year due to Woody Vegetation)	**X**	
Germination of Trees, Deep Root Vegetation	**X (4)**	
Animal Burrowing	**X**	
PERIMETER DRAIN CATCH BASINS		
Build-up Sediment in Catch Basins	**X**	
Flow Conditions (low, medium, or high)	**X (Low)**	
Catch Basins Intact and Serviceable	**X**	
LEACHATE HOLDING POND		
Iron Staining (wooded area east of pond)	**X**	
Holding Pond Level	**X (Low)**	
DOLBY III LANDFILL		
COVER SYSTEM		
Erosion, Channeling, Eruptions	**X**	
Excessive Settling, Crack Development	**X**	
Grass Die-off-Failure to Thrive	**X (3)**	
Mowing Required	**X**	
Germination of Trees, Deep Root Vegetation	**X (8)**	
Poor Drainage, Ponding	**X**	
Animal Burrowing	**X (9)**	
Access Road Condition	**X**	
Gas Vent Pipes	**X**	
Active Area Berm	**X**	
PERIMETER DRAIN AND CATCH BASINS		
Build-up of Sediment in Catch Basins	**X**	
Valves Functioning Properly (free turning)	**X**	

Item	Condition	
LEACHATE COLLECTION POND	**Ok**	**Not OK**
LINER		
Condition of Liner (rips, holes, torn seams)	**X**	
LEACHATE PUMP STATION		
Build-up Sediment in Wetwells or Leachate Pond	**X**	
Pumps Functioning Properly (amps, noises)	**X**	
Valves Functioning Properly (free turning)	**X**	
Flow Conditions (low, medium, or high)	**X (Med)**	
Properly Vented	**X**	
Electrical Panel Inspection (corrosion, etc.)	**X**	
Flow Meter Inspection	**X**	
Transducer		**X(10)**
LEAK DETECTION SYSTEM		
Pump functioning properly (amps, noises)	**X**	
Flow Conditions (low, medium, high)	**X (Med)**	
Flow Meter Inspection		**X (5)**
Control Panel Inspection	**X**	
UNDERDRAIN PUMPING SYSTEM		
Pump functioning properly	**X**	
Flow Conditions	**X (Med)**	
SITE SEDIMENTATION STRUCTURES		
NORTHWEST SEDIMENT POND (SEDIMENT POND 3)		
Check Outlet Structure for Condition	**X**	
Water Level (low, medium, or high)	**X (Med)**	
WEST SEDIMENT POND (SEDIMENT POND 2)		
Check Outlet Structure for Condition	**X**	
Water Level (low, medium, or high)	**X (Med)**	
SOUTHWEST SEDIMENT POND (SEDIMENT POND 1)		
Check Outlet Structure for Condition	**X**	
Water Level (low, medium, or high)	**X (Med)**	
SITE ROADWAYS AND DRAINAGE		
Check Catch Basins for Build-up of Sediment	**X**	
Check Culverts for Blocked Drainage and/or damage	**X**	
Check Monitoring Wells for Visual Damage	**X (6)**	
General condition of Perimeter Roadways	**X**	
LEACHATE PIPELINE		
Check Manhole Exterior Condition	**X**	
Check Transition Station Exterior Condition	**X**	
Check Aboveground Utility Line to the Transition Station	**X (7)**	
General condition of Leachate Pipeline Access Road		**X(11)**

COMMENTS:

(1) Growth of Cattails was noted on the south side of the Dolby I cover system; however, no standing water was observed.

(2) Woody Vegetation observed on Dolby I cover system was most significant in downspouts and stormwater ponds. In 2019 MEDEP (Lou Pizzuti) indicated that they are ok with the tree growth so long as the water quality around this landfill does not degrade and the perimeter of the landfill is walked in the spring to assure that no leachate breakouts are occurring.

(3) Small areas of sparse grass vegetation (failure to thrive) on Dolby II and III landfills. The areas of sparse vegetation may be due to concentrated gas in the areas or topsoil without nutrients. Regardless of cause the areas are small and do not pose a threat to the overall integrity of the cover systems.

(4) Tree growth noted in grass ditches outside landfill limits on south and east sides of Dolby II and Dolby III landfills. These trees will be taken care of when this portion of the landfill is given cover upgrade.

(5) Leak Detection Flow rate meter and totalizer are not working (Repiar/replacement of meter is planned for summer 2020).

(6) Visual observation of wells is performed during each environmental monitoring event.

(7) Broken poles and downed utility lines were removed. Utilities were re-routed such that they enter from the industrial park.

(8) Several trees were noted in perimeter drainage channels and around drainage structures where mowing is difficult. These trees will be addressed/removed during the next phase of cover upgrade.

(9) Animal burrow observed on the north slope of Dolby III. (will be filled in during summer 2020).

(10) Transducer in leachate pond wet well fails occasionally and is planned for replacement in the summer of 2020.

(11) 24" Dia. CMP Culvert near manhole MH# 8 is failing and will be replaced in the summer of 2020..

RECOMMENDED ACTIONS:

-Repair and/or Replace leachate pond leak detection flow meter (scheduled for summer 2020)

-Replace leachate pond pump station sump transducer (scheduled for summer 2020).

-Replace existing failing CMP Culvert on leachate pipeline alignment near MH#8 (scheduled for summer 2020).

-Fill in animal borrow on north side of landfill (scheduled for summer 2020).

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

Leachate Pond

Leachate Pond Pump Station

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

Leachate Pond and East Side of Dolby III

Leachate Pump Station Control Panel

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

North Side of Dolby III

Open area in Dolby III

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

South Side of Dolby III

Southwest Sediment Pond

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

West Sediment Pond

Northwest Sediment Pond

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

Dolby II Leachate Holding Pond

Dolby II Cover

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

Dolby II Cover

Dolby 1 West Pond

Dolby Landfill Inspection Photos
East Millinocket, Maine
July 2020

Dolby 1 Landfill

Dolby 1 Landfill

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #2

Landfill Location: Dolby III - west side at corner of Cell 1 and Cell 9

Date: 7/2/2020 Time: 2:05 p.m.

Weather: Sunny, 80's Inspected by: BDP

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: One small chunk missing from west side

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Some at bottom (1/4" to 1/2")

Seeps: None

Other: None - Flow from all pipes; most from north side.

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
July 2, 2020

CB #2 Exterior

CB #2 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #3

Landfill Location: West side of Dolby III on Cell 1

Date: 7/2/2020 Time: 2:00 p.m.

Weather: Sunny, 80's Inspected by: BDP

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: None

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Some at or below pipe inlet locations (1/4" to 1/2")

Seeps: None

Other: None – Majority of flow from North and South inlets.

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
July 2, 2020

CB #3 Exterior

CB #3 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #4

Landfill Location: West side of Dolby III on Cell 1

Date: 7/2/2020 Time: 1:55 p.m.

Weather: Sunny, 80's Inspected by: BDP

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: South face (no repair needed)

Holes: None

Flaking: None

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Moderate flaking on bottom section 1" thick

Seeps: At baffle joints only.

Other: Sludge/sediment should be removed before closure.

Corrective Action required (Y/N): Prior to closure on this side, clean structure to remove sediment.

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
July 2, 2020

CB #4 Exterior

CB #4 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #5

Landfill Location: West side of Dolby III on Cell 1

Date: 7/2/2020 Time: 1:50 p.m.

Weather: Sunny, 80's Inspected by: BDP

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Minor flaking along edge of concrete cover

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: ¼" to 1/2"

Seeps: None

Other: Some sediment in sump

Corrective Action required (Y/N): None – Clean sediment before final closure.

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
July 2, 2020

CB #5 Exterior

CB #5 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #6

Landfill Location: Southwest corner of Dolby III on Cell 1

Date: 7/2/2020 Time: 1:45 p.m.

Weather: Sunny, 80's Inspected by: BDP

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Some on Northwest Corner

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: Bacterial growth on south wall (12" pipe)

Corrective Action required (Y/N): None – Clean before final closure in this area.

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
July 2, 2020

CB #6 Exterior

CB #6 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #6A

Landfill Location: Southwest corner of Dolby III on Cell 1

Date: 7/2/2020 Time: 1:40 p.m.

Weather: Sunny, 80's Inspected by: BDP

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
July 2, 2020

CB #6A Exterior

CB #6A Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #7

Landfill Location: Southwest corner of Dolby III on Cell 1

Date: 5/8/2020 Time: 12:48

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: Approximately 2-inches in diameter at the ground surface.

Flaking: Spalling on the exterior along approximately 4 feet of rim.

Seeps: None

Other: None

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Minimal

Seeps: None

Other: None

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #7 Exterior

CB #7 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #8

Landfill Location: South side of Dolby III on Cell 1/ Cell 2

Date: 5/8/2020 Time: 12:39

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: Approximately 2-inches in diameter in the manhole barrel above the ground surface.

Flaking: None

Seeps: None

Other: None

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #8 Exterior

CB #8 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #9

Landfill Location: South side of Dolby III on Cell 2

Date: 5/8/2020 Time: 12:41

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Minor on rim surface only.

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: None

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #9 Exterior

CB #9 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #10

Landfill Location: South side of Dolby III on Cell 2 / Cell 3A

Date: 5/8/2020 Time: 12:33

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Slight on middle concrete section

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #10 Exterior

CB #10 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #13

Landfill Location: South side of Dolby III on Cell 3A / Cell 3B

Date: 5/8/2020 Time: 12:29

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: Approximately 2-inches in diameter in barrel section.

Flaking: None

Seeps: None

Other: None

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #13 Exterior

CB #13 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #14

Landfill Location: South side of Dolby III on Cell 3B Cell 4

Date: 5/8/2020 Time: 12:24

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Minor around one-third of the rim.

Seeps: None

Other: Rim appears to be shifted approximately 2 inches off the barrel.

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #14 Exterior

CB #14 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #17

Landfill Location: South side of Dolby III on Cell 4 / Cell 5

Date: 5/8/2020 Time: 12:05

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Minimal but some

Seeps: None

Other: Rim slight shifted exposing a gap 6-inches in length.

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: Some sediment buildup but not excessive.

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #17 Exterior

CB #17 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #18

Landfill Location: East side of Dolby III on Cell 5 / Cell 13

Date: 5/8/2020 Time: 11:14

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: Odor

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Some flaking on cover MH section (1' deep)

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #18 Exterior

CB #18 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #19

Landfill Location: East side of Dolby III on Cell 5

Date: 5/8/2020 Time: 11:10

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: Low seepage quantity

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #19 Exterior

CB #19 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #20

Landfill Location: East side of Dolby III on Cell 5

Date: 5/8/2020 Time: 11:04

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #20 Exterior

CB #20 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #21

Landfill Location: East side of Dolby III on Cell 5

Date: 5/8/2020 Time: 11:26

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: None

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #21 Exterior

CB #21 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #22

Landfill Location: East side of Dolby III on Cell 5

Date: 5/8/2020 Time: 11:33

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #22 Exterior

CB #22 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #23

Landfill Location: East side of Dolby III on Cell 5

Date: 5/8/2020 Time: 11:38

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Some on Rim.

Seeps: None

Other: Rim slight shifted off of barrel section exposing gap.

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: None

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #23 Exterior

CB #23 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB #24

Landfill Location: Southeast corner of Dolby III on Cell 5

Date: 5/8/2020 Time: 11:45

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Some flaking on cover.

Seeps: None

Other: Gap between rim and barrel.

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: None

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #24 Exterior

CB #24 Interior

DOLBY LANDFILL

CONCRETE MANHOLE INSPECTION FORM

Manhole / Catch Basin No: CB-#25

Landfill Location: Dolby III, North Slope

Date: 5/8/2020 Time: 11:47

Weather: Sunny, 40's Inspected by: RNF

Date of last inspection: 10/26/2017

Exterior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: Minor on one side of rim

Seeps: None

Other: NA

Interior Condition (Comments): Good

Cracks: None

Holes: None

Flaking: None

Seeps: None

Other: NA

Corrective Action required (Y/N): None

Date and Details of Corrective Actions (if needed): None

Attachments: Photos

Manhole Inspection
Dolby Landfill, East Millinocket, Maine
May 8, 2020

CB #25 Exterior

CB #25 Interior

SME
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ENGINEERS

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MEMO TO: Mike Barden, State of Maine **(VIA EMAIL)**

CC: Matt Muzzy, SME

FROM: Brian Pierce, SME

DATE: September 23, 2020

SUBJECT: **LANDFILL INSPECTION**
LATE SUMMER 2020
DOLBY I, II AND III LANDFILLS

The Dolby I, II, and III Landfill inspection was performed by Brian Pierce of SME on September 9, 2020. Inspection forms and photographs are attached.

This inspection identified four maintenance items that should be addressed before the end of 2020.

1. Replace the leak detection system flow meter for the leachate pond. The existing flow meter isn't working and needs to be repaired or replaced as it establishes the leakage rate for the leak detection system. Observation of the interior of the leak detection manhole where the leak detection flow meter is housed in indicates that stormwater entering around the manhole hatch is likely the cause of malfunction. Mid-South Engineering (MSE) plans to pump the water from the manhole, remove the flow meter, and then dry it out to see if it will work. If the flow meter doesn't work after being dried out SME recommends installing a new flow meter. Regardless of the outcome, SME and Mid-South will make changes to the manhole to make the manhole hatch more waterproof.
2. Replace the water level transducer for the leachate pond pump station. The existing leachate pond pump station transducer (installed in the leachate pond sump) is failing occasionally and needs frequent cleaning. The cost of transducer replacement is significantly less than continued transducer maintenance.
3. Repair one gas vent on the top of the Dolby III Cover Upgrade area. The gas vent was not attached to its base when found this spring. It appears the vent was not originally glued to its base. Repair will include hand excavation (+/- 9"depth) around the base, inserting a 4" coupling, and gluing the vent pipe onto its base.
4. Mowing of the Dolby II and Dolby III landfills.

The State of Maine has issued an amendment to SME's original contract to address the above maintenance items. These items are currently being addressed under that contract.

The following maintenance item was identified and can be addressed in the future as it is not currently causing problems with landfill operations:

1. Replacement of the culvert crossing the Landfill perimeter road between the southwest corner of Dolby III and the southwest sedimentation basin. The culvert is damaged (but functional). Replacement of this culvert is anticipated when cover upgrade construction occurs in the southwest corner of the Dolby III landfill.

Please contact Matt Muzzy or me if you have any questions or require additional information.

Thank you.

Attachments

SME
SEVEE & MAHER
ENGINEERS

DOLBY LANDFILL
LANDFILL INSPECTION CHECKLIST

Date: September 9, 2020 Time: 9:00 a.m. to 3:00 p.m.

Weather: Sun and clouds 60 to 75°F Inspected By: BDP

Item	Condition	
DOLBY I LANDFILL	**Ok**	**Not Ok**
COVER SYSTEM		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X (1)	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X	
Mowing Required	X (2)	
Germination of Trees, Deep Root Vegetation	X (2)	
Animal Burrowing	X	
COLLECTION PONDS		
West End Pond Level (low, medium, or high)	X (Low)	
East End Pond Level (low, medium, or high)	X(Low)	
Vegetative Build-up in Ponds (Cat Tails and Trees)	X	
ACCESS GATES		
Gates Secured and Working Properly (Facility Main Gates)	X	
Road Accessible by Vehicle	X	
DOLBY II LANDFILL		
COVER SYSTEM		
Erosion, Channeling, Eruptions	X	
Poor Drainage, Ponding	X	
Excessive Settling, Crack Development	X	
Grass Die-off, Failure to Thrive	X(3)	
Mowing Required (Mowing Should Occur Next Year due to Woody Vegetation)	X	
Germination of Trees, Deep Root Vegetation	X (4)	
Animal Burrowing	X	
PERIMETER DRAIN CATCH BASINS		
Build-up Sediment in Catch Basins	X	
Flow Conditions (low, medium, or high)	X (Low)	
Catch Basins Intact and Serviceable	X	
LEACHATE HOLDING POND		
Iron Staining (wooded area east of pond)	X	
Holding Pond Level	X (Low-Dry)	
DOLBY III LANDFILL		
COVER SYSTEM		
Erosion, Channeling, Eruptions	X	
Excessive Settling, Crack Development	X	
Grass Die-off-Failure to Thrive	X (3)	
Mowing Required	X	
Germination of Trees, Deep Root Vegetation	X (7)	
Poor Drainage, Ponding	X	
Animal Burrowing	X	
Access Road Condition	X	
Gas Vent Pipes	X	
Active Area Berm	X	
PERIMETER DRAIN AND CATCH BASINS		
Build-up of Sediment in Catch Basins	X	
Valves Functioning Properly (free turning)	X	

Item	Condition	
LEACHATE COLLECTION POND	**Ok**	**Not OK**
LINER		
Condition of Liner (rips, holes, torn seams)	X	
LEACHATE PUMP STATION		
Build-up Sediment in Wetwells or Leachate Pond	X	
Pumps Functioning Properly (amps, noises)	X	
Valves Functioning Properly (free turning)	X	
Flow Conditions (low, medium, or high)	X (Low)	
Properly Vented	X	
Electrical Panel Inspection (corrosion, etc.)	X	
Flow Meter Inspection	X	
Transducer		X(8)
LEAK DETECTION SYSTEM		
Pump functioning properly (amps, noises)	X	
Flow Conditions (low, medium, high)	X (Low)	
Flow Meter Inspection		X (5)
Control Panel Inspection	X	
UNDERDRAIN PUMPING SYSTEM		
Pump functioning properly	X	
Flow Conditions	X (Low)	
SITE SEDIMENTATION STRUCTURES		
NORTHWEST SEDIMENT POND (SEDIMENT POND 3)		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
WEST SEDIMENT POND (SEDIMENT POND 2)		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
SOUTHWEST SEDIMENT POND (SEDIMENT POND 1)		
Check Outlet Structure for Condition	X	
Water Level (low, medium, or high)	X (Low)	
SITE ROADWAYS AND DRAINAGE		
Check Catch Basins for Build-up of Sediment	X	
Check Culverts for Blocked Drainage and/or damage	X	
Check Monitoring Wells for Visual Damage	X (6)	
General condition of Perimeter Roadways	X	
LEACHATE PIPELINE		
Check Manhole Exterior Condition	X	
Check Transition Station Exterior Condition	X	
Check Aboveground Utility Line to the Transition Station	X	
General condition of Leachate Pipeline Access Road		X(9)

COMMENTS:

(1) Growth of Cattails was noted on the south side of the Dolby I cover system; however, no standing water was observed.

(2) Woody Vegetation observed on Dolby I cover system was most significant in downspouts and stormwater ponds. In 2019 MEDEP (Lou Pizzuti) indicated that MEDEP is okay with the tree growth so long as the water quality around this landfill does not degrade and the perimeter of the landfill is walked in the spring to assure that no leachate breakouts are occurring.

(3) Small areas of sparse grass vegetation (failure to thrive) on Dolby II and III landfills. The areas of sparse vegetation may be due to concentrated gas in the areas or topsoil without nutrients. Regardless of cause the areas are small and do not pose a threat to the overall integrity of the cover systems.

(4) Tree growth noted in grass ditches outside landfill limits on south and east sides of Dolby II and Dolby III landfills. These trees will be taken care of when this portion of the landfill is given cover upgrade.

(5) Leak Detection Flow rate meter and totalizer are not working (Repair/replacement of meter is planned for summer 2020).

(6) Visual observation of monitoring wells is performed during each environmental monitoring event.

(7) Several trees were noted in perimeter drainage channels and around drainage structures where mowing is difficult. These trees will be addressed/removed during the next phase of cover upgrade.

(8) Transducer in leachate pond wet well fails occasionally and is planned for replacement in the summer of 2020.

(9) 24" Dia. CMP Culvert near leachate pipeline manhole MH# 8 is currently being replaced.

RECOMMENDED ACTIONS:

-Repair and/or Replace leachate pond leak detection flow meter (scheduled for summer 2020)

-Replace leachate pond pump station sump transducer (scheduled for summer 2020).

Dolby Landfill Inspection Photographs
East Millinocket, Maine
September 2020

Southwest Sediment Pond

Southeast Corner of Dolby II

Southwest Corner of Dolby III

Southwest Corner of Dolby III

Dolby Landfill Inspection Photographs
East Millinocket, Maine
September 2020

East Side of Dolby II

East Side of Dolby II

Valley Between Dolby II and Dolby III

Dolby II Leachate Pond

Dolby Landfill Inspection Photographs
East Millinocket, Maine
September 2020

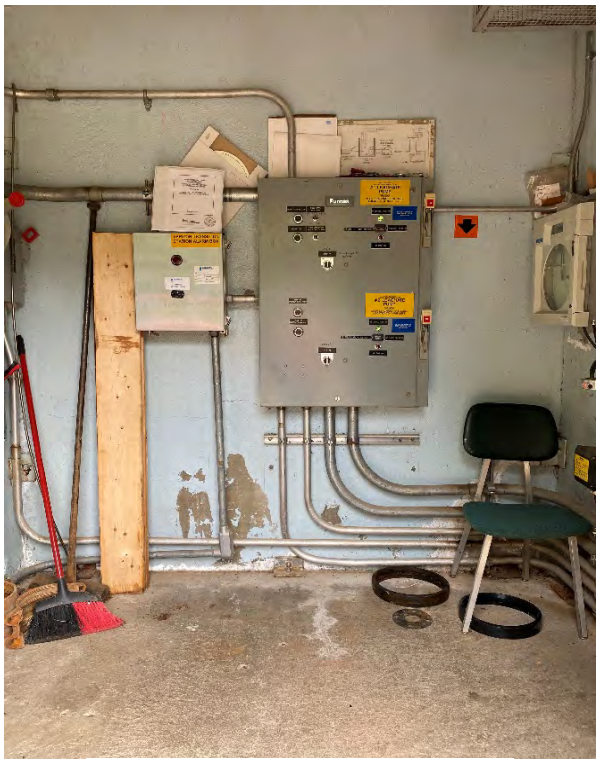
Leachate Pond

West Sediment Pond Outlet

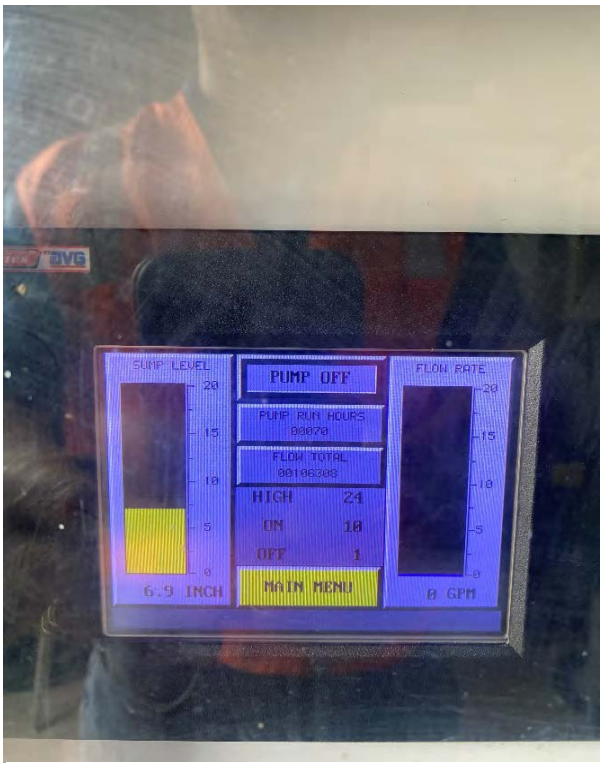
West Side of Dolby III

East Side of Dolby III

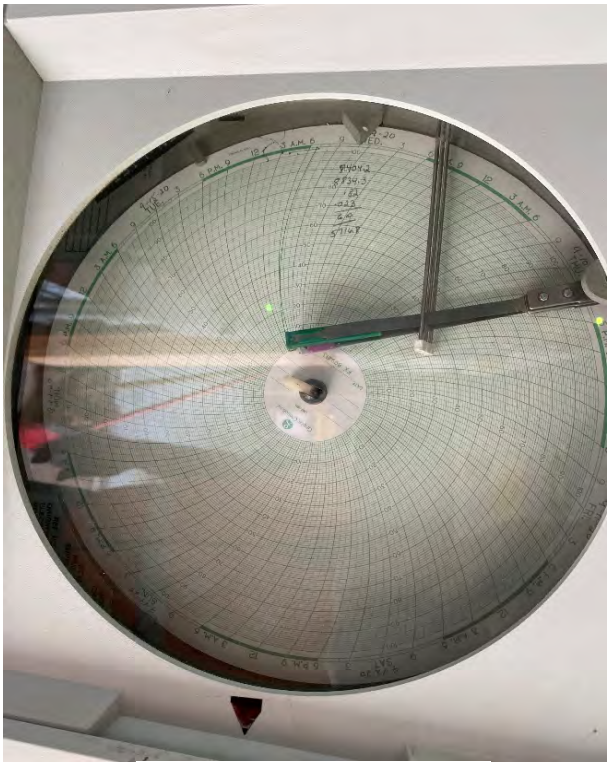
Dolby Landfill Inspection Photographs
East Millinocket, Maine
September 2020



Leachate Pump Station Controls



Leachate Pond Leak Detection Control Screen



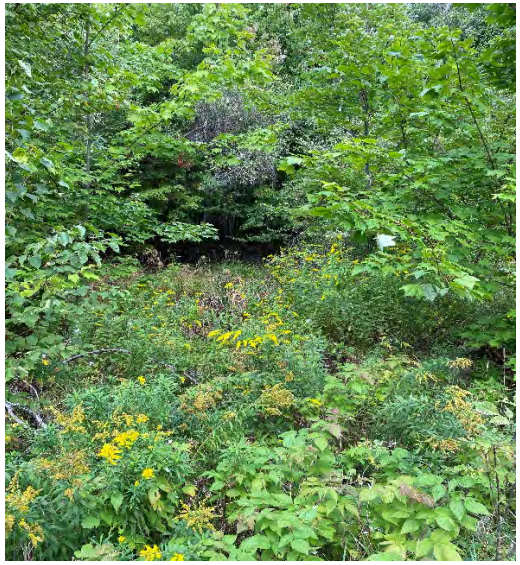
Leachate Pumping Chart

Leachate Pond Sediment

Dolby Landfill Inspection Photographs
East Millinocket, Maine
September 2020

Dolby I Landfill Cover

Dolby Leachate Pipeline Right of Way Near Dolby I Landfill



Dolby I West Pond

Dolby I Landfill Cover

APPENDIX B

CULVERT REPLACEMENT

SME
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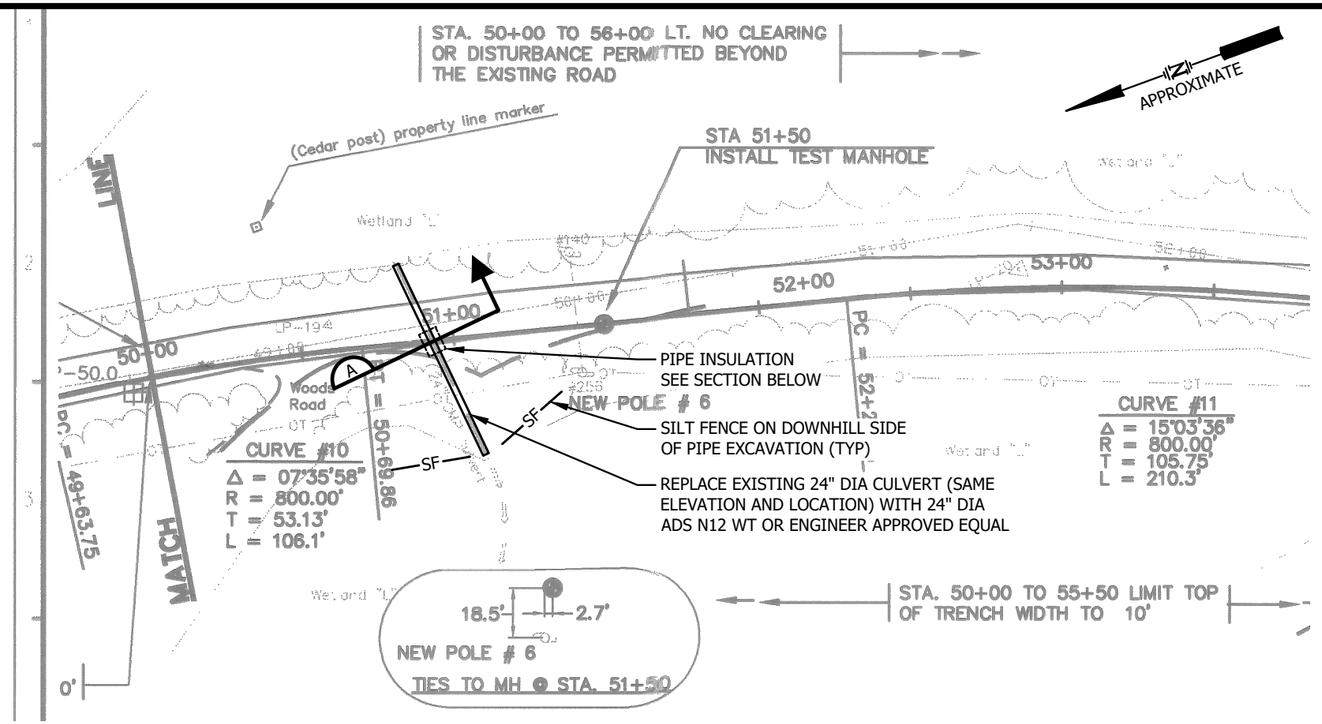
Culvert Repair on abandoned portion of Route 11, where Dolby leachate pipeline is located.

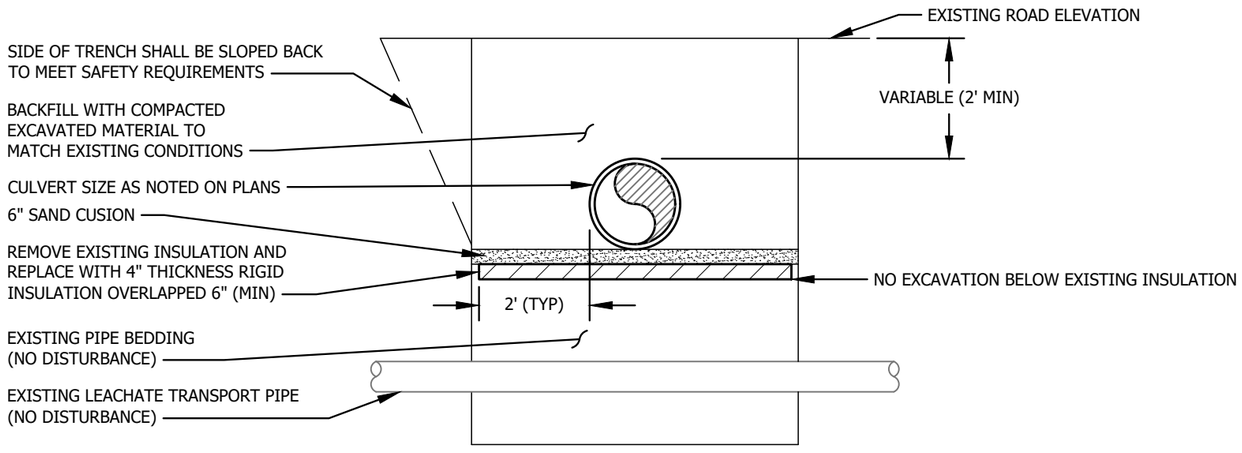
Upstream end of culvert after replacement (9/12/2020)

Downstream end of culvert after replacement (9/12/2020)

Upstream end after riprap placement (12/9/2020)



CULVERT PLAN



A SECTION A

GENERAL NOTES:

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2. PROVIDE BARRICADES TO PREVENT ATV'S OR VEHICLES FROM ENTERING THE WORK AREA THROUGHOUT CONSTRUCTION.
3. MAINTAIN TEMPORARY EROSION CONTROL MEASURES FOR THE FULL DURATION OF CONSTRUCTION. INSPECT WEEKLY AND AFTER EACH STORM AND REPAIR AS NEEDED. REMOVE SEDIMENTS FROM THE SITE. PLACE IN AREA OF LOW EROSION POTENTIAL, AND STABILIZE WITH SEED AND MULCH.
4. PLACE TEMPORARY SOIL STABILIZATION WITHIN 30 DAYS OF INITIAL DISTURBANCE. PLACE PERMANENT SOIL STABILIZATION WITHIN 7 DAYS OF FINAL GRADING.

CULVERT REPLACEMENT NOTES:

1. SITE PLAN FROM RECORD DRAWING TITLED "EAST OPERATION LEACHATE PIPELINE PROJECT" BY SQUAW BAY CORP CONSULTING ENGINEERS DATED MARCH, 1996.
2. CULVERT SHALL BE REPLACED SUCH THAT THE EXISTING PIPE INVERT ELEVATIONS ARE MAINTAINED.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE CULVERT CROSSING STANDARDS FOR THE STATE OF MAINE, DEPARTMENT OF ENVIRONMENTAL PROTECTION.
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4. SUFFICIENT PUMP CAPACITY WILL BE PROVIDED TO MAINTAIN WATER CONTROL, WITH BACKUP PUMPS ON HAND OR READILY AVAILABLE IF NEEDED.

PERMIT BY RULE APPLICATION
DOLBY LANDFILL
EAST MILLINOCKET, MAINE

SME
SEVEE & MAHER ENGINEERS

DWG: CULVERT CROSSING LMN: CULV XING CTB: SME-STD REV: 7/20/2020

DEPARTMENT OF ENVIRONMENTAL PROTECTION
PERMIT BY RULE NOTIFICATION FORM

(For use with DEP Regulation, Natural Resouces Protection Act - Permit by Rule Standards, Chapter 305)

APPLICANT INFORMATION (Owner)		AGENT INFORMATION (If Applying on Behalf of Owner)	
Name:	Michael Barden	Name:	Sevee & Maher Engineers, Inc. (Matt Muzzy)
Mailing Address:	Dept Economic & Community Development	Mailing Address:	4 Blanchard Road
Mailing Address:	59 State House Station	Mailing Address:	PO Box 85A
Town/State/Zip:	Augusta, ME 04333-0059	Town/State/Zip:	Cumberland, Maine 04021
Daytime Phone #:	(207) 441-0250 Ext:	Daytime Phone #:	(207) 829-5016 Ext:
Email Address:	Michael.Barden@maine.gov	Email Address:	mmuzzy@smemaine.com

PROJECT INFORMATION

Part of a larger project? (check 1):	❑ Yes ☑ No	After the Fact? (check 1):	❑ Yes ☑ No	Project involves work below mean low water? (check 1):	❑ Yes ☑ No	Name of waterbody:	N/A
Project Town:	East Millinocket	Town Email Address:	ericaingalls@gwi.net			Map and Lot Number:	Map 4 Lot 2
Brief Project Description:	Replacement of failed culvert crossing existing access road.						
Project Location & Brief Directions to Site:	East Millinocket on a gravel access road that intersects Route 11 (Main Street) approximately 1.1 miles north of the intersection of Route 11 and Industrial Drive. Culvert crossing is approximately 0.2 Miles south on the gravel road. (See attached maps.)						

PERMIT BY RULE (PBR) SECTIONS (Check at least one): I am filing notice of my intent to carry out work that meets the requirements for Permit-by-Rule (PBR) under DEP Rules, Chapter 305. I and my agent(s), if any, have read and will comply with all of the standards in the Sections checked below.

- ❑ **Sec. (2) Act. Adj. to Prot. Natural Res.**
- ❑ **Sec. (3) Intake Pipes**
- ☑ **Sec. (4) Replacement of Structures**
- ❑ **Sec. (6) Movement of Rocks or Veg.**
- ❑ **Sec. (7) Outfall Pipes**
- ❑ **Sec. (8) Shoreline Stabilization**
- ❑ **Sec. (9) Utility Crossing**
- ❑ **Sec. (10) Stream Crossing**
- ❑ **Sec. (11) State Transportation Facilities**
- ❑ **Sec. (12) Restoration of Natural Areas**
- ❑ **Sec. (13) F&W Creat./Water Qual. Improv.**
- ❑ **Sec. (15) Public Boat Ramps**
- ❑ **Sec. (16) Coastal Sand Dune Projects**
- ❑ **Sec. (17) Transfer/Permit Extension**
- ❑ **Sec. (18) Maintenance Dredging**
- ❑ **Sec. (19) Act. Near SVP Habitat**
- ❑ **Sec. (20) Act. Near Waterfowl/Bird Habitat**

NOTE: Municipal permits also *may* be required. Contact your local code enforcement office for information. Federal permits may be required for stream crossings and for projects involving wetland fill. Contact the Army Corps of Engineers at the Maine Project Office for information.

NOTIFICATION FORMS CANNOT BE ACCEPTED WITHOUT THE NECESSARY ATTACHMENTS AND FEE

- ☑ ***Attach*** all required submissions for the PBR Section(s) checked above. The required submissions for each PBR Section are outlined in Chapter 305 and may differ depending on the Section you are submitting under.
- ☑ ***Attach*** a location map that clearly identifies the site (U.S.G.S. topo map, Maine Atlas & Gazetteer, or similar).
- ❑ ***Attach*** *Proof of Legal Name* if applicant is a corporation, LLC, or other legal entity. Provide a copy of Secretary of State's *registration information* (available at http://icrs.informe.org/nei-sos-icrs/ICRS?MainPage=x). Individuals and municipalities are not required to provide any proof of identity.

FEE: I will pay the Permit-by-Rule fee (https://www.maine.gov/dep/feeschedule.pdf) by:

- ❑ **Credit Card –** Pay online through the **Payment Portal**. **(Attach payment confirmation when filing this notification form.)**
- ☑ **Check** – Fill in all the information below and mail a copy of this form (without attachments) and a check made payable to "Treasurer, State of Maine," to: Maine DEP, 17 State House Station, Augusta, ME 04333-0017.

Name: Sevee & Maher Engineers, Inc **Phone:** (207) 828-5016 **Ext.** **Check #:** 30624 **Email Filing Date:** 7/27/20

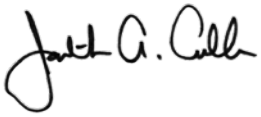
Signature & Certification:

- I authorize staff of the Departments of Environmental Protection, Inland Fisheries & Wildlife, and Marine Resources to access the project site for the purpose of determining compliance with the rules**.**
- I understand that this PBR becomes effective 14 calendar days after receipt by the Department of this completed form, the required submissions, and fee, *unless the Department approves or denies the PBR prior to that date.*

By signing this Notification Form, I represent that the project meets all applicability requirements and standards in Chapter 305 rule and that the applicant has sufficient title, right, or interest in the property where the activity takes place.

Signature of Agent or Applicant (may be typed):	Michael Barden	**Date:**	07/27/2020

***Keep a copy as a record of permit*.** Email this completed form with attachments to DEP at: DEP.PBRNotification@maine.gov. DEP will send a copy to the Town Office as evidence of DEP's receipt of notification. No further authorization will be issued by DEP after receipt of notice. A PBR is valid for two years, except Section 4, "Replacement of Structures," are valid for three years. **Work carried out in violation of the Natural Resources Protection Act or any provision in Chapter 305 is subject to enforcement.**



Approved 8/11/2020

CASH ONLY IF ALL *CheckLock*™ SECURITY FEATURES LISTED ON BACK INDICATE NO TAMPERING OR COPYING

Sevee & Maher Engineers, Inc.
P.O. Box 85A 4 Blanchard Rd.
Cumberland, ME 04021
207-829-5016

NORWAY SAVINGS BANK
52-7451/2112

30624

7/27/2020

PAY TO THE ORDER OF Treasurer State of Maine $ **250.00

Two Hundred Fifty and 00/100********** DOLLARS

PROTECTED AGAINST FRAUD

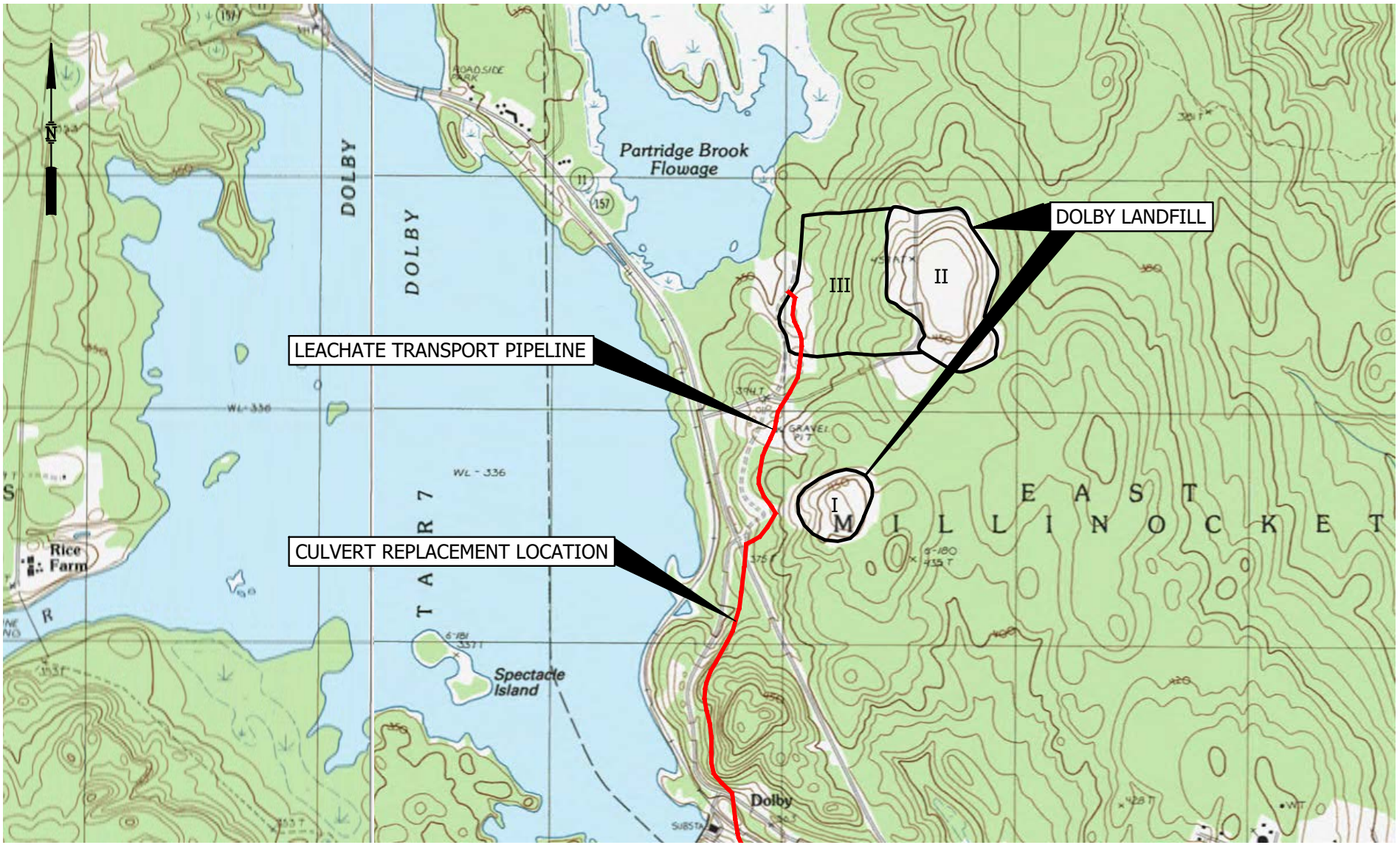
PINK ICON DISAPPEARS WITH HEAT

PINK ICON DISAPPEARS WITH HEAT

MEMO 18143

Pat R Maher MP

⑈030624⑈ ⑆211274515⑆ 801 0176130⑈



BASE MAP ADAPTED FROM 7.5 MIN
USGS TOPOGRAPHIC QUADRANGLES
MILLINOCKET, ME - 1988
EAST MILLINOCKET, ME - 1988

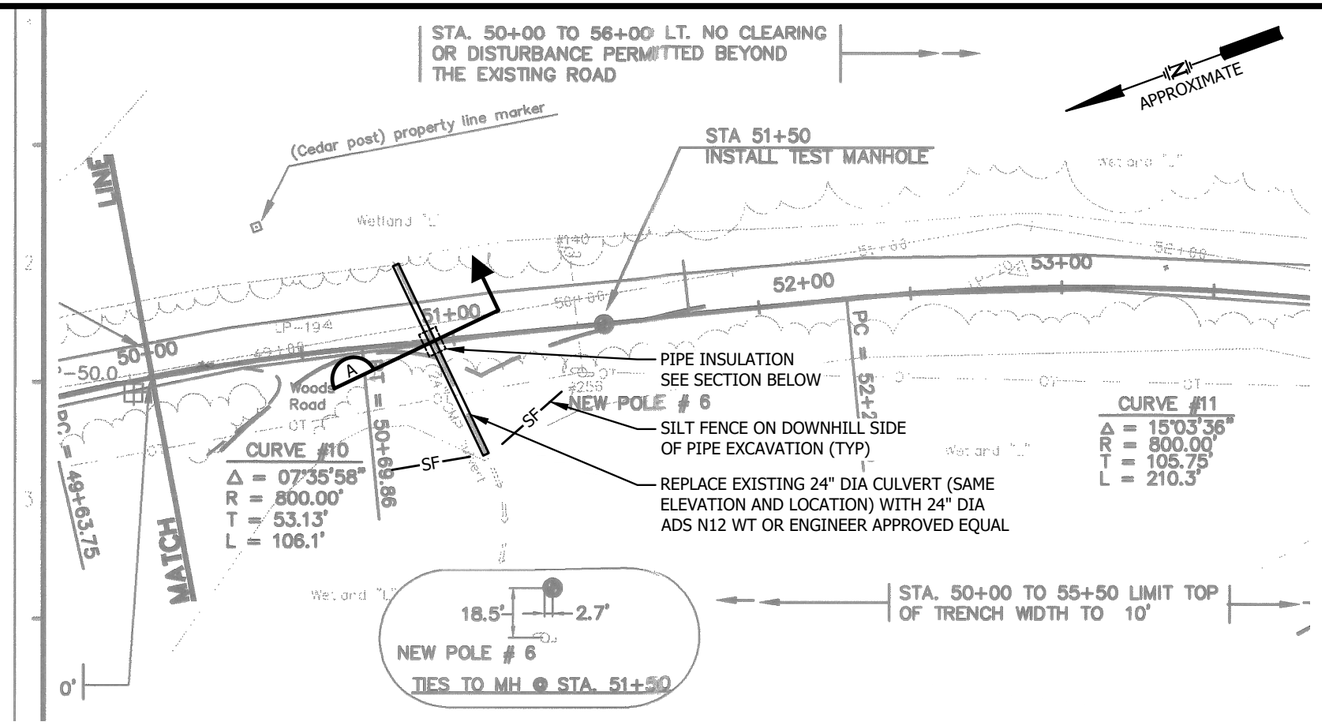
1000 0 2000 FEET

DWG: SITE LMN: SITE 2K CTB: SME-STD REV: 7/20/2020

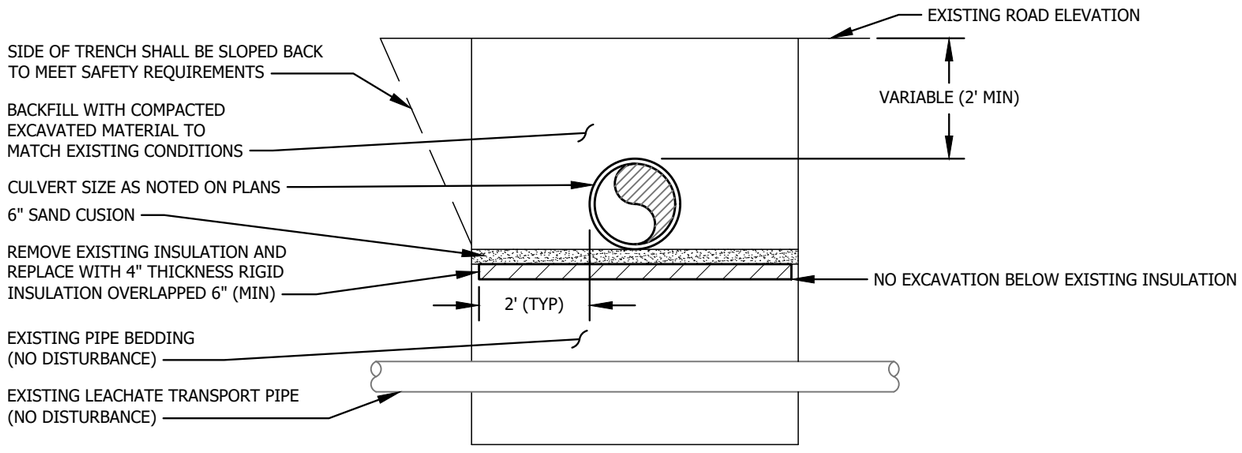
CULVERT REPLACEMENT
SITE LOCATION MAP
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE

SME
SEVEE & MAHER
ENGINEERS

\\Server\cfs\Kpc\Dol\ACAD\SITE.dwg, 7/20/2020 2:06:53 PM, bwb



CULVERT PLAN



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EAST MILLINOCKET, MAINE

SME
SEVEE & MAHER ENGINEERS

DWG: CULVERT CROSSING LMN: CULV XING CTB: SME-STD REV: 7/20/2020

APPENDIX C

LEACHATE POND AND LEACHATE PIPELINE INFORMATION

SME
SEVEE & MAHER
ENGINEERS

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE
January-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME				LEACHATE POND LEVEL	LEAK DETECTION			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN				COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE[4]			LEVEL	FLOW	TOTAL[7]		Initial[6]	End[6]	Total	Total Flow	
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	(Inches)	(gallons)	(gallons)	(Inches)	(Hours)	(Hours)	(Minutes)	(Gallons)	
1	7,724.7	7,724.7	8,148.3	8,153.0	282	183,300	183,300	0		1.41	9.10	0		0.000	4090.0	4106.0	960	24000	7" of snow
2					0	0	0	0				0					0	0	
3	7,724.7	7,738.2			810	503,820	503,872	52	0.0%	0.90	8.60	0		0.141	4106.0	4119.0	780	19500	
4					0	0	0	0				0					0	0	
5					0	0	0	0				0					0	0	
6					0	0	0	0		1.37	8.50	0		0.082	4119.0	4139.0	1200	30000	
7					0	0	0	0				0					0	0	
8			8,153.0	8,164.6	696	432,912	432,912	0	0.0%	1.12	8.30	0		0.000	4139.0	4152.7	822	20550	
9					0	0	0	0				0					0	0	
10					0	0	0	0		1.38	8.20	0		0.107	4152.7	4165.0	738	18450	
11					0	0	0	0				0					0	0	
12					0	0	0	0				0					0	0	
13	7,738.2	7,755.8			1,056	654,720	654,212	-508	0.1%	0.91	7.80	0		0.362	4165.0	4185.1	1206	30150	
14					0	0	0	0				0					0	0	
15					0	0	0	0		1.32	8.30	0		0.000	4185.1	4200.4	918	22950	2" dry snow
16					0	0	0	0				0					0	0	
17			8,164.6	8,180.0	924	572,880	572,880	0	0.0%	0.94	7.80	0		0.164	4200.4	4215.4	900	22500	
18					0	0	0	0				0					0	0	
19					0	0	0	0				0					0	0	
20					0	0	0	0		1.35	7.80	0		0.000	4215.4	4236.8	1284	32100	
21					0	0	0	0				0					0	0	
22	7,755.8	7,761.9			366	237,900	241,800	3900	-1.6%	0.88	7.70	0		0.094	4236.8	4249.8	780	19500	
23					0	0	0	0				0					0	0	
24	7,761.9	7,763.2			78	50,700	50,700	0	0.0%	1.44	7.80	0		0.205	4249.8	4262.6	768	19200	
25					0	0	0	0				0					0	0	
26					0	0	0	0				0					0	0	
27			8,180.0	8,194.1	846	524,520	524,530	10	0.0%	1.26	8.20	0		0.107	4262.6	4282.7	1206	30150	
28					0	0	0	0				0					0	0	
29	7,763.2	7,778.1			894	554,280	554,265	-15	0.0%	0.87	7.60	0		0.000	4282.7	4297.2	870	21750	
30					0	0	0	0				0					0	0	
31					0	0	0	0				0					0	0	
				Total	5,952	3,715,032	3,718,471							1.262			12,432	310,800	
				Average	192	119,840	gpd												
						83	gpm												

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered flow from Flowmeter in Flow Meter Buidling.
4. Differnce is calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow, minus 100%.
5. Rainfall as measured at leachate pump station adjacent to leachate pond.
6. Total pumping time from underdrain pump run time meter located in the leachate pump station building. Average flow assumed to be 25 gallons per minute.
7. Leak detection flow meter is not working and will be replaced in the spring of 2020.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE
February-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME				LEACHATE POND	LEAK DETECTION			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN[8]				COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE[4]											
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	LEVEL[6] (Feet)	LEVEL[7] (Inches)	FLOW (gallons)	TOTAL (gallons)	(Inches)	Initial (Hours)	End (Hours)	Total (Minutes)	Total Flow (Gallons)	
1					0	0	0	0							4311.9	4311.9	0	0.000	
2					0	0	0	0									0	0	
3			8,194.1	8,208.4	858	530,244	530,244	0	0%	0.50	7.80	0	0	0.000	4311.9	4333.8	1314	32850	
4					0	0	0	0									0	0	
5					0	0	0	0		1.21	8.80	0	0	0.000	4333.8	4347.2	804	20100	
6					0	0	0	0									0	0	
7					0	0	0	0		1.49	8.20	0	0	0.000	4347.2	4360.5	798	19950	
8					0	0	0	0									0	0	
9					0	0	0	0									0	0	
10	7,778.1	7,790.8			762	470,154	470,154	0	0%	1.14	8.10	0	0	0.052	4360.5	4378.5	1080	27000	
11					0	0	0	0									0	0	
12					0	0	0	0		1.37	8.30	0	0	0.061	4378.5	4390.8	738	18450	
13					0	0	0	0									0	0	
14					0	0	0	0		1.54	8.20	0	0	0.240	4390.8	4402.7	714	17850	
15					0	0	0	0									0	0	
16					0	0	0	0									0	0	
17			8,208.4	8,221.4	780	482,040	483,600	1,560	0%	1.02	8.10	0	0	0.000	4402.7	4419.7	1020	25500	
18					0	0	0	0									0	0	
19					0	0	0	0		1.21	8.40	0	0	0.000	4419.7	4431.0	678	16950	
20					0	0	0	0									0	0	
21					0	0	0	0		1.34	8.20	0	0	0.237	4431.0	4441.5	630	15750	
22					0	0	0	0									0	0	
23					0	0	0	0									0	0	
24					0	0	0	0		1.51	8.70	0	0	0.021	4441.5	4458.2	1002	25050	
25					0	0	0	0									0	0	
26	7,790.8	7,803.3			750	463,500	463,500	0	0%	1.00	8.30	0	0	0.000	4458.2	4469.0	648	16200	
27					0	0	0	0									0	0	
28					0	0	0	0									0	0	
29					0	0	0	0									0	0	
				TOTAL	3,150	1,945,938	1,947,498							0.611			9,426	235,650	
				AVERAGE	109	67,101 gpd													
						47 gpm													

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered volume from flow meter in Flow Meter Building.
4. Difference calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow minus 100%.
5. Daily rainfall measured at the landfill facility.
6. Leachate Pond Level as measured in the Leachate Pump Wet Well.
7. Leak Detection flow meter is not working and will be replaced in the spring of 2020.
8. Total pumping time from underdrain pump run time meter located in leachate pump station buidling. Assumed flow 25 gpm.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE
March-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME				LEACHATE POND	LEAK DETECTION			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN				COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE[4]											
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	LEVEL (Feet)	LEVEL (Inches)	FLOW (gallons)	TOTAL (gallons)	(Inches)	Initial (Hours)	End (Hours)	Total (Minutes)	Total Flow (Gallons)	
1	7,803	7,803	8,221	8,221	0	0	0	0							4469.0	4469.0	0.000	0	
2					0	0	0	0		1.40	8.60	0	0	0.278	4469.0	4497.5	1710	42750	
3					0	0	0	0									0	0	
4			8,221	8,223	90	56,520	56,600	80	0%	1.18	9.20	0	0	0.357	4497.5	4509.7	732	18300	
5					0	0	0	0									0	0	
6			8,223	8,236	804	504,912	505,000	88	0%	1.14	8.40	0	0	0.103	4509.7	4524.9	912	22800	
7					0	0	0	0									0	0	
8					0	0	0	0									0	0	
9					0	0	0	0		1.53	8.80	0	0	0.000	4524.9	4547.1	1332	33300	
10					0	0	0	0									0	0	
11	7,803	7,816			768	482,304	483,000	696	0%	1.22	8.40	0	0	0.140	4547.1	4561.8	882	22050	
12					0	0	0	0		1.45							0	0	
13					0	0	0	0		1.42	8.60	0	0	0.000	4561.8	4576.2	864	21600	
14			8,236	8,251	900	565,200	565,500	300	0%	1.09				0.940			0	0	
15					0	0	0	0		1.59							0	0	
16	7,816	7,826			564	354,192	354,200	8	0%	1.23	8.10	0	0	0.020	4576.2	4607.3	1866	46650	
17					0	0	0	0		1.49							0	0	
18			8,251	8,259	438	275,064	275,200	136	0%	1.39	8.30	0	0	0.072	4607.3	4625.8	1110	27750	
19					0	0	0	0		1.38				0.069			0	0	
20					0	0	0	0		1.79	8.90	0	0	0.134	4625.8	4642.5	1002	25050	
21	7,826	7,840			846	531,288	531,600	312	0%	1.38							0	0	
22					0	0	0	0		1.07							0	0	
23			8,259	8,277	1,074	674,472	674,600	128	0%	1.05	8.20	0	0	0.000	4642.5	4672.9	1824	45600	
24					0	0	0	0		1.50							0	0	
25	7,840	7,851			660	414,480	414,952	472	0%	1.13	8.30	0	0	0.175	4672.9	4692.8	1194	29850	
26					0	0	0	0		1.66							0	0	floats on summer level
27	7,851	7,868			1,044	655,632	659,600	3,968	-1%	1.08	8.40	0	0	0.000	4692.8	4712.6	1188	29700	
28			8,277	8,283	414	259,992	261,990	1,998	-1%	1.01	8.30	0	0		4712.6	4722.0	564	14100	
29	7,868	7,876			504	316,512	317,822	1,310	0%	1.28				0.000			0	0	
30			8,283	8,306	1,374	862,872	866,800	3,928	0%	0.61	0.61	0	0	0.108	4722.0	4744.1	1326	33150	
31					0	0	0	0		1.16	8.10	0	0	0.163	4744.1	4755.0	654	16350	
				Total	9,480	5,953,440								2.559			17,160	429,000	
				Average	306	198,448													

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered volume from flow meter in Flow Meter Building.
4. Difference calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow minus 100%.
5. Daily rainfall measured at the landfill facility.
6. Leachate Pond Level as measured in the Leachate Pump Wet Well.
7. Leak Detection flow meter is not working and will be replaced in the spring of 2020.
8. Total pumping time from underdrain pump run time meter located in leachate pump station buidling. Assumed flow 25 gpm.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE
April-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME					LEACHATE POND LEVEL[6]	LEAK DETECTION[7]			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN[8]				COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE[4]		HAULED[9]		LEVEL	FLOW	TOTAL		Initial	End	Total	Total Flow	
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	(Gallons)	(Feet)	(Inches)	(gallons)	(gallons)	(Inches)	(Hours)	(Hours)	(Minutes)	(Gallons)	
1	7,876	7,876	8,306	8,314	468	234,936	235,450	514	0%		1.30	8.30	0	0	0.206	4,755	4,766.3	678	16,950	
2	7,876	7,897			1,248	626,496	627,000	504	0%		0.80	7.70	0	0	0.178	4,766.3	4,776.5	612	15,300	
3	7,897	7,916	8,314	8,332	2,196	630,252	630,760	508	0%		2.24	8.80	0	0	1.655	4,776.5	4,791.4	894	22,350	
4	7,916	7,938	8,332	8,354	2,640	757,680	758,080	400	0%	153,750	2.55	9.30	0	0	0.000	4,791.4	4,806.4	900	22,500	Tankers on site
5	7,938	7,961	8,354	8,378	2,862	821,394	821,900	506	0%	153,750	2.02	9.30	0	0	0.000	4,806.4	4,822.7	978	24,450	Tankers Finished
6	7,961	7,988	8,378	8,404	3,138	900,606	901,106	500	0%		2.00	9.40	0	0	0.000	4,822.7	4,838.4	942	23,550	
7	7,988	8,012	8,404	8,428	2,886	828,282	829,000	718	0%		2.47	9.40	0	0	0.000	4,838.4	4,851.5	786	19,650	
8	8,012	8,036	8,428	8,453	2,904	833,448	834,048	600	0%		1.35	9.20	0	0	0.000	4,851.5	4,863.7	732	18,300	
9	8,036	8,060	8,453	8,477	2,928	840,336	841,036	700	0%		1.25	8.80	0	0	0.000	4,863.7	4,875.0	678	16,950	
10	8,060	8,075	8,477	8,498	2,148	616,476	617,076	600	0%		2.07	8.30	0	0	0.308	4,875.0	4,883.2	492	12,300	
11	8,075	8,096			1,254	629,508	630,108	600	0%		2.05	7.50	0	0	0.000	4,883.2	4,908.2	1500	37,500	Power outage
12					0	0	0	0												
13	8,096	8,096	8,498	8,514	966	484,932	485,450	518	0%		1.62	7.50	0	0	0.000	4,908.2	4,921.7	810	20,250	
14	8,096	8,100	8,514	8,536	1,530	439,110	439,625	515	0%		2.74	8.30	0	0	1.560	4,921.7	4,935.5	828	20,700	
15	8,100	8,125	8,536	8,562	3,108	891,996	892,100	104	0%		2.90	8.40	0	0	0.000	4,935.5	4,948.8	798	19,950	
16	8,125	8,150	8,562	8,587	2,970	852,390	852,950	560	0%		2.65	8.30	0	0	0.000	4,948.8	4,959.6	648	16,200	
17	8,150	8,174	8,587	8,610	2,820	809,340	809,790	450	0%		2.26	8.10	0	0	0.000	4,959.6	4,970.6	660	16,500	
18	8,174	8,199	8,610	8,635	3,012	864,444	864,944	500	0%		2.00	7.60	0	0	0.000	4,970.6	4,981.0	624	15,600	
19			8,635	8,645	570	286,140	286,590	450	0%		2.26	7.70	0	0	0.000	4,981.0	4,990.9	594	14,850	
20	8,199	8,210			672	337,344	337,794	450	0%		2.21	7.50	0	0	0.100	4,990.9	4,999.5	516	12,900	
21					0	0	0	0												
22			8,645	8,662	1,008	506,016	506,516	500	0%		1.68	7.40	0	0	0.320	4,999.5	5,017.4	1,074	26,850	
23			8,662	8,672	618	310,236	310,676	440	0%											
24	8,210	8,223			756	379,512	379,952	440	0%		1.38	7.10	0	0	0.344	5,017.4	5,034.8	1,044	26,100	
25			8,672	8,684	756	379,512	379,912	400	0%											
26					0	0	0	0												
27	8,223	8,229			372	186,744	187,142	398	0%		1.94	7.30	0	0	0.000	5,034.8	5,060.9	1,566	39,150	
28			8,684	8,694	594	298,188	298,598	410	0%											
29	8,229	8,253			1,470	737,940	738,361	421	0%		1.70	7.80	0	0	0.000	5,060.9	5,077.1	972	24,300	
30					0	0	0	0												
				Total Pumped =	45,894	15,483,258			Total Hauled=	307,500					4.671			19,326	483,150	
									Total=	15,790,758										
									Total=	526,359	gallons/day									
									Total=	366	gallons/min average flow									

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered volume from flow meter in Flow Meter Building.
4. Difference calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow minus 100%.
5. Daily rainfall measured at the landfill facility.
6. Leachate Pond Level as measured in the Leachate Pump Wet Well.
7. Leak Detection flow meter is not working and will be replaced in the spring of 2020.
8. Total pumping time from underdrain pump run time meter located in leachate pump station buidling. Assumed flow 25 gpm.
9 Hauled leachate volume estimated assuming 42 loads at approximately 7,150 gallons per load.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE
May-2020

DAY OF MONTH	PUMP RUN TIME						LEACHATE VOLUME				LEACHATE POND LEVEL[6]	LEAK DETECTION[7]			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN[8]				COMMENTS
	PUMP #1		PUMP #2		COMBINED TOTAL	Flow	PUMPED[2]	METERED[3]	DIFFERENCE[4]											
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	(Minutes)	(GPM)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	LEVEL (Inches)	FLOW (gallons)	TOTAL (gallons)	(Inches)	Initial (Hours)	End (Hours)	Total (Minutes)	Total Flow (Gallons)	
1	8,246	8,246			0	0	0	0	0		1.86	7.20				5,077	5,093.8	1,002	25,050	
2			8,694	8,708	792	475	376,200	376,200	0						0.014			0	0	
3					0	0	0	0	0	0%								0	0	
4	8,246	8,250			270	475	128,250	128,250	0	0%	1.06	7.50				5,093.8	5,119.3	1530	38,250	
5					0	0	0	0	0						0.827			0	0	
6			8,708	8,718	654	475	310,650	310,650	0	0%	1.13	7.20				5,119.3	5,136.3	1020	25,500	
7					0	0	0	0	0						0.129			0	0	
8	8,250	8,268			1,050	475	498,750	498,750	0	0%	1.10	7.40				5,136.3	5,153.5	1032	25,800	
9					0	0	0	0	0						0.042			0	0	
10	8,268	8,271			210	475	99,750	99,750	0	0%								0	0	
11			8,718	8,730	702	475	333,450	333,450	0	0%	1.19	7.20				5,153.5	5,178.4	1494	37,350	
12	8,271	8,286			882	475	418,950	418,950	0						0.100			0	0	
13			8,730	8,734	210	475	99,750	99,750	0	0%	0.95	7.10				5,178.4	5,197.1	1,122	28,050	
14					0	0	0	0	0						0.464			0	0	
15	8,286	8,298			720	475	342,000	342,000	0	0%	0.99	7.10				5,197.1	5,216.8	1,182	29,550	
16					0	0	0	0	0						0.000			0	0	
17			8,734	8,757	1,422	475	675,450	675,450	0	0%								0	0	
18	8,298	8,310			696	475	330,600	330,600	0	0%	1.07	7.10				5,216.8	5,245.6	1,728	43,200	
19					0	0	0	0	0						0.570			0	0	
20			8,757	8,769	702	475	333,450	333,450	0	0%	1.17	7.20				5,245.6	5,264.2	1,116	27,900	
21					0	0	0	0	0						0.000			0	0	
22	8,310	8,320			630	475	299,250	299,250	0	0%	1.09	7.50				5,264.2	5,282.9	1,122	28,050	
23					0	0	0	0	0						0.000			0	0	
24					0	0	0	0	0									0	0	
25			8,769	8,780	636	475	302,100	302,100	0	0%	1.15	7.50				5,282.9	5,308.4	1,530	38,250	
26					0	0	0	0	0						0.000			0	0	
27	8,320	8,330			570	475	270,750	270,750	0	0%	1.06	7.70				5,308.4	5,324.4	960	24,000	
28					0	0	0	0	0						0.000			0	0	
29			8,780	8,790	606	475	287,850	287,850	0	0%	0.98	7.90				5,324.4	5,339.9	930	23,250	
30					0	0	0	0	0						0.000			0	0	
31					0	0	0	0	0									0	0	
				Total	10,752		5,107,200	5,107,200							2.146			15,768	394,200	
				Average/Day	371	245														

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered volume from flow meter in Flow Meter Building.
4. Difference calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow minus 100%.
5. Daily rainfall measured at the landfill facility.
6. Leachate Pond Level as measured in the Leachate Pump Wet Well.
7. Leak Detection flow meter is not working and will be replaced in the spring of 2020.
8. Total pumping time from underdrain pump run time meter located in leachate pump station buidling. Assumed flow 25 gpm.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL FACILITY
EAST MILLINOCKET, MAINE
June-2020

DAY OF MONTH	PUMP RUN TIME					Flow	LEACHATE VOLUME				LEACHATE POND LEVEL[6]	LEAK DETECTION[7]			LEACHATE UNDERDRAIN[8]				DAILY RAINFALL[5]	COMMENTS
	PUMP #1		PUMP #2		COMBINED		PUMPED[2]	METERED[3]	DIFFERENCE[4]			LEVEL	FLOW	TOTAL	Initial	End	Total	Total Flow		
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(GPM)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	(Inches)	(gallons)	(gallons)	(Hours)	(Hours)	(Minutes)	(Gallons)	(Inches)	
1	8,330	8,330	8,790	8,790	0		0	0	0						5339.9	5339.9	0	0		
2					0		0	0	0								0	0		
3	8,330	8,339			546	504	275,184	275,268	84	0%	1.36	7.80			5339.9	5376.2	2178	54450	0.002	
4					0		0	0	0								0	0		
5			8,790	8,799	570	504	287,280	287,300	20	0%	1.15	7.70			5376.2	5388.8	756	18900	0.000	
6					0		0	0	0								0	0		
7					0		0	0	0								0	0		
8	8,339	8,348			534	504	269,136	269,150	14	0%	1.00	7.50			5388.8	5407.1	1098	27450	0.490	
9					0		0	0	0								0	0		
10					0		0	0	0		1.29	7.50			5407.1	5418.5	684	17100	0.000	
11					0		0	0	0		.						0	0		
12			8,799	8,805	330	504	166,320	166,350	30	0%	1.25	7.50			5418.5	5429.7	672	16800	0.722	
13					0		0	0	0								0	0		
14					0		0	0	0								0	0		
15	8,348	8,355			444	504	223,776	223,800	24	0%	1.10	7.20			5429.7	5445.7	960	24000	0.000	
16					0		0	0	0								0	0		
17			8,805	8,807	138	504	69,552	69,560	8	0%	1.15	7.50			5445.7	5456.1	624	15600	0.000	
18					0		0	0	0								0	0		
19					0		0	0	0		1.23	8.00			5456.1	5467.0	654	16350	0.000	
20					0		0	0	0								0	0		
21					0		0	0	0								0	0		
22	8,355	8,363			456	504	229,824	229,850	26	0%	1.88	7.60			5467.0	5481.4	864	21600	0.000	
23					0		0	0	0								0	0		
24			8,807	8,808	54	504	27,216	27,220	4	0%	1.27	7.70			5481.4	5490.6	552	13800	0.000	
25					0		0	0	0								0	0		
26					0		0	0	0		1.50	7.50			5490.6	5498.6	480	12000	0.257	
27					0		0	0	0								0	0		
28					0		0	0	0								0	0		
29	8,363	8,369			360	504	181,440	181,450	10	0%	0.98	7.20			5498.6	5510.2	696	17400	0.001	
30					0		0	0	0								0	0		
31					0		0	0	0								0	0		
				Total	3,432		1,729,728	1,729,948									10,218	255,450	1.472	
				Average/Day	111	504														

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered volume from flow meter in Flow Meter Building.
4. Difference calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow minus 100%.
5. Daily rainfall measured at the landfill facility.
6. Leachate Pond Level as measured in the Leachate Pump Wet Well.
7. Leak Detection flow meter is not working and will be replaced in the spring of 2020.
8. Total pumping time from underdrain pump run time meter located in leachate pump station buidling. Assumed flow 25 gpm.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL
EAST MILLINOCKET, MAINE
July-2020

DAY OF MONTH	PUMP RUN TIME					Flow	LEACHATE VOLUME				LEACHATE POND LEVEL[6]	LEAK DETECTION			LEACHATE UNDERDRAIN				DAILY RAINFALL[5]	COMMENTS
	PUMP #1		PUMP #2		COMBINED		PUMPED[2]	METERED[3]	DIFFERENCE			LEVEL	FLOW[7]	TOTAL[7]	Initial[8]	End[8]	Total	Total Flow		
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(GPM)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	(Inches)	(gallons)	(gallons)	(Hours)	(Hours)	(Minutes)	(Gallons)	(Inches)	
1	8,369	8,369	8,808	8,808	0	0	0	0	0		1.43	7.20			5510.2	5517.3	426	10,650	0.961	
2					0	0	0	0	0								-	-		
3					0	0	0	0	0		1.55	7.30			5517.3	5524.5	432	10,800	0.436	
4					0	0	0	0	0								-	-		
5					0	0	0	0	0								-	-		
6			8,808	8,815	396	610	241,560	241,695	135	0%	1.32	7.80			5524.5	5535.7	672	16,800	0.552	
7					0	0	0	0	0								-	-		
8					0	0	0	0	0		1.41	7.10			5535.7	5543.0	438	10,950	0.004	
9					0	0	0	0	0								-	-		
10					0	0	0	0	0		1.57	7.20			5543.0	5550.4	444	11,100	0.008	
11					0	0	0	0	0								-	-		
12					0	0	0	0	0								-	-		
13	8,369	8,377			516	601	309,600	310,000	400	0%	1.30	7.00			5550.4	5561.2	648	16,200	0.471	
14					0	0	0	0	0								-	-		
15					0	0	0	0	0		1.36	6.80			5561.2	5568.0	408	10,200	0.007	
16					0	0	0	0	0								-	-		
17					0	0	0	0	0		1.34	6.90			5568.0	5574.4	384	9,600		
18					0	0	0	0	0								-	-		
19			8,815	8,821	414	465	192,510	192,500	-10	0%							-	-	0.658	
20	8,377	8,388			654	451	291,030	294,751	3,721	-1%	0.84	6.30			5574.4	5583.6	552	13,800		Draw pond down for annual inspection
21					0	0	0	0	0								-	-		inspection with DEP
22	8,388	8,390			102	498	50,490	50,818	328	-1%	0.70	6.40			5583.6	5590.1	390	9,750		
23					0	0	0	0	0											
24					0	0	0	0	0										0.259	
25					0	0	0	0	0											
26					0	0	0	0	0											
27					0	0	0	0	0										0.614	
28					0	0	0	0	0											
29					0	0	0	0	0										0.724	
30					0	0	0	0	0											
31					0	0	0	0	0											
				Total	2,082		1,085,190										4,794	119,850	4.694	

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered volume from flow meter in Flow Meter Building.
4. Difference calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow minus 100%.
5. Daily rainfall measured at the landfill facility.
6. Leachate Pond Level as measured in the Leachate Pump Wet Well.
7. Leak Detection flow meter is not working and will be replaced in the fall of 2020.
8. Total pumping time from underdrain pump run time meter located in leachate pump station buidling. Assumed flow 25 gpm.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL
EAST MILLINOCKET, MAINE
August-2020

DAY OF MONTH	PUMP RUN TIME					FLOW	LEACHATE VOLUME				LEACHATE POND LEVEL[6]	LEAK DETECTION			LEACHATE UNDERDRAIN				DAILY RAINFALL[5]	COMMENTS
	PUMP #1		PUMP #2		COMBINED		PUMPED[2]	METERED[3]	DIFFERENCE[4]											
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(GPM)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	LEVEL (Inches)	FLOW[7] (gallons)	TOTAL[7] (gallons)	Initial[8] (Hours)	End[8] (Hours)	Total (Minutes)	Total Flow (Gallons)	(Inches)	
1	8,390	8,390	8,821	8,821	0	0	0	0	0											
2					0	0	0	0	0											
3					0	0	0	0	0		1.12				5617.2	5626.2	540	13500	0.017	
4					0	0	0	0	0			7.20								
5					0	0	0	0	0		1.14				5626.2	5631.7	330	8250	0.771	
6					0	0	0	0	0			7.30								
7					0	0	0	0	0		1.16				5631.7	5636.8	306	7650	0.118	
8					0	0	0	0	0			7.20								
9					0	0	0	0	0											
10					0	0	0	0	0		1.15				5636.8	5645.0	492	12300	0.000	
11					0	0	0	0	0			7.50								
12			8,821	8,828	396	539	213,840	213,569	-271	0.1%	0.95				5645.0	5649.6	276	6900	0.000	
13					0	0	0	0	0			7.30								
14					0	0	0	0	0		1.09				5649.6	5654.2	276	6900	0.000	
15					0	0	0	0	0			7.10								
16					0	0	0	0	0											
17					0	0	0	0	0		1.03				5654.2	5659.9	342	8550	0.000	
18					0	0	0	0	0		-	7.10								
19					0	0	0	0	0		1.28				5659.9	5663.4	210	5250	1.510	
20					0	0	0	0	0			7.80								
21	8,390	8,396			366	540	196,908	197,640	732	-0.4%	0.10				5663.4	5668.0	276	6900	0.099	Drawdown caused entrained air
22	8,396	8,403			396	540	213,048	213,840	792	-0.4%		6.80								which caused a false reading
23					0	0	0	0	0											
24			8,828	8,834	378	540	204,120	204,120	0	0.0%	0.42				5668.0	5675.5	450	11250	0.339	
25					0	0	0	0	0			6.20								
26					0	0	0	0	0		0.63				5675.5	5680.9	324	8100	0.347	
27					0	0	0	0	0			6.20								
28					0	0	0	0	0		0.65				5680.9	5685.9	300	7500	0.000	
29					0	0	0	0	0			6.30								
30					0	0	0	0	0											
31					0	0	0	0	0		0.71				5685.9	5693.3	444	11100	0.665	
				Total	1,536		827,916										4,566	114,150	3.866	

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered volume from flow meter in Flow Meter Building.
4. Difference calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow minus 100%.
5. Daily rainfall measured at the landfill facility.
6. Leachate Pond Level as measured in the Leachate Pump Wet Well.
7. Leak Detection flow meter is not working and will be replaced in the fall of 2020.
8. Total pumping time from underdrain pump run time meter located in leachate pump station buidling. Assumed flow 25 gpm.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL
EAST MILLINOCKET, MAINE
September-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME				LEACHATE POND LEVEL	LEAK DETECTION			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN				COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE[4]			LEVEL	FLOW	TOTAL		Initial	End	Total	Total Flow	
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	(Inches)	(gallons)	(gallons)	(Inches)	(Hours)	(Hours)	(Minutes)	(Gallons)	
1	8,404	8,404	8,834	8,834											5693.3	5693.3	0	0	
2										0.74	6.60			0.000	5693.3	5698.7	324	8100	
3																	0	0	
4										0.76	6.90			0.038	5698.7	5704.6	354	8850	
5																	0	0	
6																	0	0	
7										0.87	6.70			0.000	5704.6	5712.4	468	11700	
8																	0	0	
9										0.82	6.90			0.023	5712.4	5716.8	264	6600	
10																	0	0	
11										1.08	6.80			0.000	5716.8	5721.0	252	6300	
12																	0	0	
13																	0	0	
14										1.07	7.10			0.007	5721.0	5726.5	330	8250	
15																	0	0	
16										1.11	6.90			0.002	5726.5	5729.5	180	4500	
17																	0	0	
18										1.07	7.80			0.000	5729.5	5732.0	150	3750	
19																	0	0	
20																	0	0	
21										1.13	6.90			0.000	5732.0	5735.0	180	4500	
22																	0	0	
23										1.20	7.50			0.000	5735.0	5738.0	180	4500	
24																	0	0	
25										1.17	7.20			0.000	5738.0	5739.9	114	2850	
26																	0	0	
27																	0	0	
28										1.34	7.60			0.000	5739.9	5743.3	204	5100	
29																	0	0	
30										1.45	7.90			0.237	5743.3	5746.1	168	4200	
31																	0	0	
				Total	0	0								0.307			3,168	79,200	
				Average	0	0	gpd												
						0	gpm												

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leachate pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered flow from flow meter at Flow Meter Building on former GNP site in East Millinocket.
4. Difference is Metered volume minus Pumped volume.
5. Daily rainfall measured at the landfill facility.
6. Total pumping time from underdrain pump run time meter located in the leachate pump station building. Average flow assumed to be 25 gallons per minute.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL
EAST MILLINOCKET, MAINE
October-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME				LEACHATE POND LEVEL	LEAK DETECTION			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN					COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE[4]			LEVEL	FLOW	TOTAL		Initial	End	Total	Total Flow		
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	(Inches)	(gallons)	(gallons)	(Inches)	(Hours)	(Hours)	(Minutes)	(Gallons)	(%)	
1	8,404	8,404	8,834	8,834											5693.3	5693.3	0	0		
2										0.74	6.60			0.000	5693.3	5698.7	324	8100		
3																	0	0		
4										0.76	6.90			0.038	5698.7	5704.6	354	8850		
5																	0	0		
6																	0	0		
7										0.87	6.70			0.000	5704.6	5712.4	468	11700		
8																	0	0		
9										0.82	6.90			0.023	5712.4	5716.8	264	6600		
10																	0	0		
11										1.08	6.80			0.000	5716.8	5721.0	252	6300		
12																	0	0		
13																	0	0		
14										1.07	7.10			0.007	5721.0	5726.5	330	8250		
15																	0	0		
16										1.11	6.90			0.002	5726.5	5729.5	180	4500		
17																	0	0		
18										1.07	7.80			0.000	5729.5	5732.0	150	3750		
19																	0	0		
20																	0	0		
21										1.13	6.90			0.000	5732.0	5735.0	180	4500		
22																	0	0		
23										1.20	7.50			0.000	5735.0	5738.0	180	4500		
24																	0	0		
25										1.17	7.20			0.000	5738.0	5739.9	114	2850		
26																	0	0		
27																	0	0		
28										1.34	7.60			0.000	5739.9	5743.3	204	5100		
29																	0	0		
30	8,404	8,404	8,834	8,834						1.45	7.90			0.237	5743.3	5746.1	168	4200		
31																	0	0		
			Monthly Total		0	0	gallons per month							0.307			3,168	79,200		

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered flow from Flowmeter in Flow Meter Buidling.
4. Differnce is calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow, minus 100%.
5. Rainfall as measured at leachate pump station adjacent to leachate pond.
6. Total pumping time from underdrain pump run time meter located in the leachate pump station building. Average flow assumed to be 25 gallons per minute.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL
EAST MILLINOCKET, MAINE
November-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME				LEACHATE POND LEVEL	LEAK DETECTION			DAILY RAINFALL[5]	LEACHATE UNDERDRAIN				COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE[4]			LEVEL	FLOW	TOTAL		Initial	End	Total	Total Flow	
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	(Inches)	(gallons)	(gallons)	(Inches)	(Hours)	(Hours)	(Minutes)	(Gallons)	
1	8,436	8,436	8,877	8,877	0	0	0	0							5939.0	5939.0	0		
2	8,436	8,439			192	123,840	124,800	960	-0.8%	5.14	8.80	0	0	0.850	5939.0	5962.4	1404	35100	
3			8,877	8,881	228	147,060	147,060	0	0.0%										
4			8,881	8,888	438	282,510	282,200	-310	0.1%	5.00	9.30	0	0	0.060	5962.4	5990.0	1656	41400	
5					0	0	0	0											
6			8,888	8,892	192	123,840	123,500	-340	0.3%	5.00	10.00	0	0	0.000	5990.0	6006.0	960	24000	
7					0	0	0	0											
8					0	0	0	0											
9			8,892	8,895	204	131,580	131,400	-180	0.1%	5.01	11.50	0	0	0.000	6006.0	6024.6	1116	27900	
10					0	0	0	0											
11	8,439	8,440			42	25,200	25,200	0	0.0%	5.59	16.00	0	0	0.000	6024.6	6043.2	1116	27900	
12					0	0	0	0											
13					0	0	0	0		5.71	16.90	0	0	0.000	6043.2	6062.1	1134	28350	
14					0	0	0	0											
15					0	0	0	0											
16					0	0	0	0		3.00	20.40	0	0	0.442	6062.1	6089.4	1638	40950	
17					0	0	0	0											
18			8,895	8,911	990	594,000	593,800	-200	0.0%	2.71	17.30	0	0	0.061	6089.4	6109.7	1218	30450	
19					0	0	0	0											
20	8,440	8,450			594	356,400	356,220	-180	0.1%	2.23	18.80	0	0	0.000	6109.7	6129.5	1188	29700	
21					0	0	0	0											
22			8,911	8,915	216	139,320	139,000	-320	0.2%										
23	8,450	8,453			204	131,580	131,225	-355	0.3%	2.37	19.90	0	0	0.014	6129.5	6160.0	1830	45750	
24			8,915	8,921	372	239,940	239,540	-400	0.2%										
25	8,453	8,471			1,068	688,860	688,560	-300	0.0%	2.48	15.70	0	0	1.400	6160.0	6184.5	1470	36750	
26					0	0	0	0											
27	8,471	8,484			786	506,970	506,759	-211	0.0%	2.55	15.90	0	0	0.577	6184.5	6209.0	1470	36750	
28					0	0	0	0											
29			8,921	8,937	948	611,460	611,225	-235	0.0%										
30	8,484	8,494			594	383,130	383,000	-130	0.0%	2.47	14.70	0	0	1.000	6209.0	6246.2	2232	55800	
31						0	0	0											
					7,068	4,485,690								4.404			16,200	405,000	
				Average		144,700	gallons/day												
						100	gallons/minute												

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered flow from Flowmeter in Flow Meter Buidling.
4. Differnce is calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow, minus 100%.
5. Rainfall as measured at leachate pump station adjacent to leachate pond.
6. Total pumping time from underdrain pump run time meter located in the leachate pump station building. Average flow assumed to be 25 gallons per minute.
7. Leak detection flow meter not operating and needs replacement.

ATTACHMENT 1
LEACHATE FLOW DATA
DOLBY LANDFILL
EAST MILLINOCKET, MAINE
December-2020

DAY OF MONTH	PUMP RUN TIME					LEACHATE VOLUME				LEACHATE POND LEVEL	LEAK DETECTION			DAILY RAINFALL[4]	LEACHATE UNDERDRAIN				COMMENTS
	PUMP #1		PUMP #2		COMBINED	PUMPED[2]	METERED[3]	DIFFERENCE											
	INITIAL[1] (Hours)	FINAL[1] (Hours)	INITIAL[1] (Hours)	FINAL[1] (Hours)	TOTAL (Minutes)	(Gallons)	(Gallons)	(Gallons)	(%)	(Feet)	LEVEL (Inches)	FLOW (gallons)	TOTAL (gallons)	(Inches)	Initial (Hours)	End (Hours)	Total (Minutes)	Total Flow (Gallons)	
1					0	0	0	0		2.55				2.110	6246.2	6246.2	0	0.000	Level with one pump running
2	8,494.2	8,531.3	8,937.0	8,953.7	3,228	1,055,556	1,055,000	-556	0.1%	3.37	22.60	0	0	0.892	6246.2	6274.7	1710	42750	Both pumps running
3					0	0	0	0											
4	8,531.3	8,579.4	8,953.7	9,001.7	5,766	1,735,566	1,735,640	74	0.0%	1.78	23.50	0	0	0.000	6274.7	6304.4	1782	44550	Both pumps running
5					0	0	0	0											
6					0	0	0	0											
7			9,001.7	9,029.0	1,638	1,113,840	1,114,500	660	-0.1%	2.20	20.00	0	0	0.000	6304.4	6346.0	2496	62400	
8					0	0	0	0											
9	8,579.4	8,599.9			1,230	836,400	836,900	500	-0.1%	2.24	15.70	0	0	0.000	6346.0	6370.3	1458	36450	
10			9,029.0	9,034.7	342	232,560	232,700	140	-0.1%										
11	8,599.9	8,606.3			384	261,888	262,000	112	0.0%	1.60	13.40	0	0	0.146	6370.3	6409.8	2370	59250	
12					0	0	0	0											
13			9,034.7	9,040.6	354	241,074	241,000	-74	0.0%										
14	8,606.3	8,614.0			462	315,084	315,000	-84	0.0%	2.52	11.00	0	0	0.437	6409.8	6444.6	2088	52200	
15			9,040.6	9,047.7	426	290,532	290,600	68	0.0%								0	0	
16	8,614.0	8,619.6			336	229,488	229,500	12	0.0%	2.45	10.10	0	0	0.000	6444.6	6468.1	1410	35250	
17					0	0	0	0											
18			9,047.7	9,054.5	408	278,256	278,440	184	-0.1%	2.50	10.20	0	0	0.000	6468.1	6480.8	762	19050	
19	8,619.6	8,624.9			318	217,194	217,100	-94	0.0%										
20					0	0	0	0											
21			9,054.5	9,060.7	372	254,076	253,900	-176	0.1%	2.48	10.50	0	0	0.033	6480.8	6517.9	2226	55650	
22	8,624.9	8,630.2			318	217,194	217,240	46	0.0%										
23			9,060.7	9,066.9	372	254,076	253,900	-176	0.1%	2.21	10.00	0	0	0.066	6517.9	6530.4	750	18750	
24					0	0	0	0											
25	8,630.2	8,638.3			486	339,714	339,480	-234	0.1%	1.87	10.70	0	0	0.236	6530.4	6555.1	1482	37050	
26					0	0	0	0						0.465					
27	8,638.3	8,697.7			3,564	2,423,520	2,423,520	0	0.0%										mutiple days running
28			9,066.9	9,069.1	132	89,892	89,950	58	-0.1%	2.44	12.20	0	0	0.044	6555.1	6596.8	2502	62550	
29	8,697.7	8,705.7			480	326,880	326,650	-230	0.1%										
30			9,069.1	9,079.4	618	421,476	421,200	-276	0.1%	2.46	12.00	0	0	0.105	6596.8	6622.4	1536	38400	cut trees blocking road
31	8,705.7	8,712.7			420	288,960	289,000	40	0.0%										
				Total	21,654	11,423,226	gallons/month							4.534			22,572	564,300	
				Average	699	368,491	gallons/day												
						256	gallons/minute (average)												

Notes:

1. Pumped hours as indicated by pump time display located within the leachate pump station building adjacent to the leacahte pond.
2. Pumped Volume = Average flow rate (gallon per minute) x combined total (minutes).
3. Metered flow from Flowmeter in Flow Meter Buidling.
4. Differnce is calculated as pumped flow minus metered flow. Percentage difference is pumped flow divided by metered flow, minus 100%.
5. Rainfall as measured at leachate pump station adjacent to leachate pond.
6. Total pumping time from underdrain pump run time meter located in the leachate pump station building. Average flow assumed to be 25 gallons per minute.
7. Leak detection flow meter not operating and needs replacement.

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MEMO TO: Mike Barden, State of Maine (**VIA EMAIL**)

CC: Matt Muzzy, Sevee & Maher Engineers

FROM: Brian Bardwell, Sevee & Maher Engineers

DATE: September 21, 2020

SUBJECT: **AUGUST/SEPTEMBER LEACHATE PIPELINE CLEANING**
DOLBY LANDFILL, EAST MILLINOCKET, MAINE

INTRODUCTION

The pipeline that connects the Dolby Landfill leachate pond to the East Millinocket Wastewater Treatment Plant (EMWWTP) in East Millinocket, Maine was cleaned during the period of August 24, 2020 to September 2, 2020. Sevee & Maher Engineers, Inc. (SME) planned and observed the cleaning. ACV Enviro (ACV) of Skowhegan, Maine was contracted to perform the pipeline dewatering, disassembly, cleaning, and reassembly. This memorandum describes the procedures, observations, and recommendations associated with the cleaning effort. Figure 1 shows the leachate pond, pipeline, and manhole locations from the Dolby Landfill to the former GNP Mill property. Photographs taken during the pipeline cleaning process are attached.

LEACHATE POND CLEANING

The leachate pond was not cleaned in 2020. On July 21, 2020 Matt Muzzy (SME), Mike Barden (MEDAFS), Dick Angotti (Mid-South Engineering Company), and Lou Pizotti (MEDEP) observed the leachate pond in a lowered water condition. The consensus of the group was to not clean the leachate pond in 2020 as minimal sediment at the pond's inlet and outlet pipes was observed.

LEACHATE PIPELINE CLEANING

Leachate pipeline cleaning was performed from August 24, 2020 to September 2, 2019. The leachate pond level was drained to a low level; thereby, allowing the pipeline to be temporarily taken out of service. Prior to the pipeline cleaning, power to the pump station pumps was shut off and the electrical power panels were locked out by both Dick Angotti of Mid-South Engineering Company and Kyle Olsen, Corey Brann, and Devin Aldrich (varying times as necessary) of ACV Enviro using standard lock-out/tag-out safety protocol. ACV then dewatered the leachate pipeline at Manholes (MH-) 2, 8, 14, 17-21, 23, and 27. During pipeline dewatering, leachate was pumped from the manholes and trucked to the EMWWTP.

Following the pipeline dewatering, the pipe connections were disassembled in every manhole between MH-2 and MH-27 except (MH-) 1, 7, 12, 22, 24, and 25. The equipment used by ACV was capable of cleaning the entire section of pipeline from MH-6 to MH-8, MH-11 to MH-13, MH-21 to MH-23,

and MH-23 to MH-26. The piping disassembly generally consisted of removing two Victaulic Style 995 couplings and a section of HDPE pipe spool to allow access for the cleaning equipment.

The pipeline cleaning process utilized a high-pressure nozzle attached to a two-inch diameter hose, which was inserted into the pipeline. Water was discharged backwards through the nozzle to advance the hose and remove scale accumulated on the pipe wall. The hose was then pulled back with a hydraulic motor while continuing to flush and remove scale during the backward pass. Water, sediment, and debris from the cleaning process drained to the lower of the manholes associated with the section of pipe being cleaned. It was then vacuumed from the manhole into a tank truck and hauled to the leachate dumping pad located at the former GNP mill property in East Millinocket.

After the pipeline was cleaned, the pipe fittings were cleaned, lubricated, and reassembled. The existing gaskets on the Victaulic couplings that were found in good condition were reused and gaskets that were damaged or unusable were replaced with new gaskets. One new 8-inch and two new 10-inch gaskets were used, along with several replacement nuts and bolts.

In addition to cleaning the leachate pipeline, the pump station wet well was cleaned by removing sediment and pressure washing the interior.

Clean water for the leachate pipeline cleaning was obtained from an East Millinocket Water Works water hydrant located at the One Katahdin Industrial Park in East Millinocket, Maine.

CONCLUSIONS AND RECOMMENDATIONS

Table 1 provides a summary of the lengths of pipe cleaned, pipe condition prior to cleaning, and observations made during the pipeline cleaning process.

The leachate pipeline force main from MH-2 to MH-9 was noticeably dirtier than the gravity line portion of the pipeline, except for MH-10 to MH-11 which was the dirtiest length of the gravity line section. Many of the segments from MH-12 to MH-21 have low spots; very little sediment was removed from these sections, although the cleaning water was dirty to fairly clear in these sections. From MH-21 to MH-30, the pipeline maintains a continuous negative slope, with no low spots. These sections, despite having not been cleaned for several years, were mostly free of sediment buildup, although the water was observed to be dirty. After the flow meter building (MH-27), no sediment buildup was observed in the pipeline and the cleaning water was fairly clear.

If you have any questions or comments relating to the 2020 pipeline cleaning, please feel free to contact me.

Attachments:

Figure 1 – Site Plan of Leachate Pond, Pipeline, and Manholes
Table 1 –August/September 2020 Leachate Pipeline Cleaning Summary
Photographs of 2020 Pipeline Cleaning

TABLE 1

LEACHATE PIPELINE CLEANING SUMMARY
DOLBY LANDFILL
EAST MILLINOCKET, MAINE

	Pipe Station Component	Air Release Valve (Y/N)	Pipeline Station	Pipe Segment Diameter (in)	Distance Between Manholes (ft)	Distance Cleaned in 2020 (ft)	Cleaning Water Condition Observed During Cleaning[a]	Notes[c]
Force Main Section	Pump Station Wet Well	N	0+81			-		
				8	14	14	Dirty	
	MH No. 1	N	0+95					Not Opened
				8	146	146	Dirty	
	MH No. 2	N	2+41					MH Opened
				8	590	590	Fairly Dirty	
	MH No. 3	Y	8+31					MH Opened
				8	915	915	Very Dirty	Flushed 3 times
	MH No. 4	Y	17+46					MH Opened
				8	1750	1750	Fairly Dirty	Flushed 3 times
	MH No. 5	N	34+96					MH Opened
				8	398	398	Fairly Clean	
	MH No. 6	N	38+94					MH Opened
				8	206	206	Fairly Dirty	
	MH No. 7	N	41+00					Not Opened
				8	1050	1050	Fairly Dirty	
	MH No. 8	N	51+50					MH Opened
				8	1190	1190	Fairly Dirty	
	MH No. 9	N	63+40					MH Opened
								-
	Transition Station	NA	63+75					Not Cleaned
Gravity Main Section								
	MH No. 10	N	64+05					MH Opened
				10	1430	1430	Very Dirty	Flushed 3 times
	MH No. 11	N	78+35					MH Opened
				10	695	695	Dirty	
	MH No. 12	N	85+30					MH Opened
				10	620	620	Dirty	
	MH No. 13	Y	91+50					MH Opened
				10	1650	1650	Fairly Clean	
	MH No. 14	N	108+00					MH Opened
				10	1200	1200	Fairly Clean	Flushed 1 time
	MH No. 15	N	120+00					MH Opened
				10	767	767	Clean	Flushed 1 time
	MH No. 16	Y	127+67					MH Opened
				10	833	833	Fairly Clean	
	MH No. 17	N	136+00					MH Opened
				10	1060	1060	Fairly Clean	
	MH No. 18	Y	146+60					MH Opened
				10	1216	1216	Dirty	
	MH No. 19	Y	158+76					MH Opened
				10	809	809	Fairly Clean	
	MH No. 20	Y	166+85					MH Opened
				10	515	515	Fairly Clean	
	MH No. 21	Y	169+40					MH Opened
				10	690	690	Dirty	Flushed 3 times
	MH No. 22	N	176+30					Not Opened
				10	174	174	Dirty	Flushed 3 times
	MH No. 23	N	178+04					MH Opened
				10	539	539	Dirty	
	MH No. 24	N	183+43					Not Opened
				10	278	278	Dirty	
	MH No. 25	N	186+21					Not Opened
				10	233	233	Dirty	
	MH No. 26	N	188+54					MH Opened
				10	60	60	Dirty	
	MH No. 27[b]	N	189+14					MH Opened
				8	12	12	Dirty	
	MH No. 28	N	189+26					Not Opened
				18	120	120	Fairly Clean	Flushed 1 time
	MH No. 29	N	190+46					Not Opened
				18	482	482	Fairly Clean	Flushed 1 time
	MH No. 30	N	195+28					Not Opened
				18	112	112	N/A	
	WWTP	N	196+40					
			total		19,754	**19,754**		

Notes:
a. Cleaning water condition observed during cleaning was rated Clean, Fairly Clean, Dirty, Fairly Dirty, or Very Dirty.
b. Flow Meter Building
c. All pipe segments flushed twice unless otherwise noted.

AUGUST/SEPTEMBER 2020 PIPELINE CLEANING PHOTOGRAPHS
DOLBY LANDFILL
EAST MILLINOCKET, MAINE

Cleaning at manhole 2

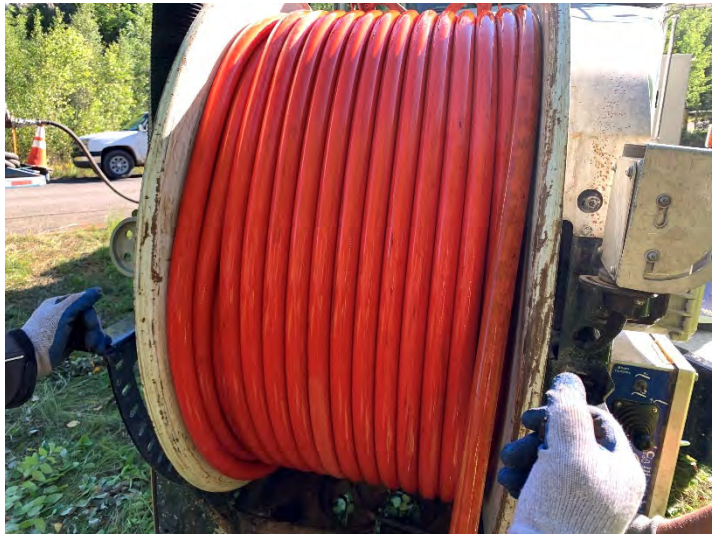
Cleaning at manhole 2

Cleaning at manhole 4

Cleaning at manhole 5

AUGUST/SEPTEMBER 2020 PIPELINE CLEANING PHOTOGRAPHS
DOLBY LANDFILL
EAST MILLINOCKET, MAINE

Dirty Line at Manhole 10



Clean Line at Manhole 11

Clean Line at Manhole 13

Cleaning at Manhole 17

AUGUST/SEPTEMBER 2020 PIPELINE CLEANING PHOTOGRAPHS
DOLBY LANDFILL
EAST MILLINOCKET, MAINE

Dirty line at manhole 23

Cleaning at manhole 23

Sediment on leachate dumping pad after cleaning from manhole 23 to manhole 26

Cleaning at manhole 28

From:	Pizzuti, Lou S
To:	Matt Muzzy; Clark, Elaine
Cc:	Brian Pierce; Dick Angotti; Barden, Michael; Tarbuck, Kathy
Subject:	RE: Dolby leachate pipeline leak/repair
Date:	Friday, November 20, 2020 4:44:10 PM
Attachments:	image001.jpg

Thanks Matt and you also.

Lou

From: Matt Muzzy <mmuzzy@smemaine.com>
Sent: Friday, November 20, 2020 3:50 PM
To: Clark, Elaine <Elaine.Clark@maine.gov>; Pizzuti, Lou S <Lou.S.Pizzuti@maine.gov>
Cc: Brian Pierce <bdp@smemaine.com>; Dick Angotti <dick.angotti@mseco.com>; Barden, Michael <Michael.Barden@maine.gov>
Subject: RE: Dolby leachate pipeline leak/repair

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ACV Enviro says we need to have a new spool fabricated for MH2…Dick A and I will look into this….this needs to be ready by next July.

Dick A says pond level has been lowered and will check MH 2 Monday.

Nice weekend to all,

Matt M

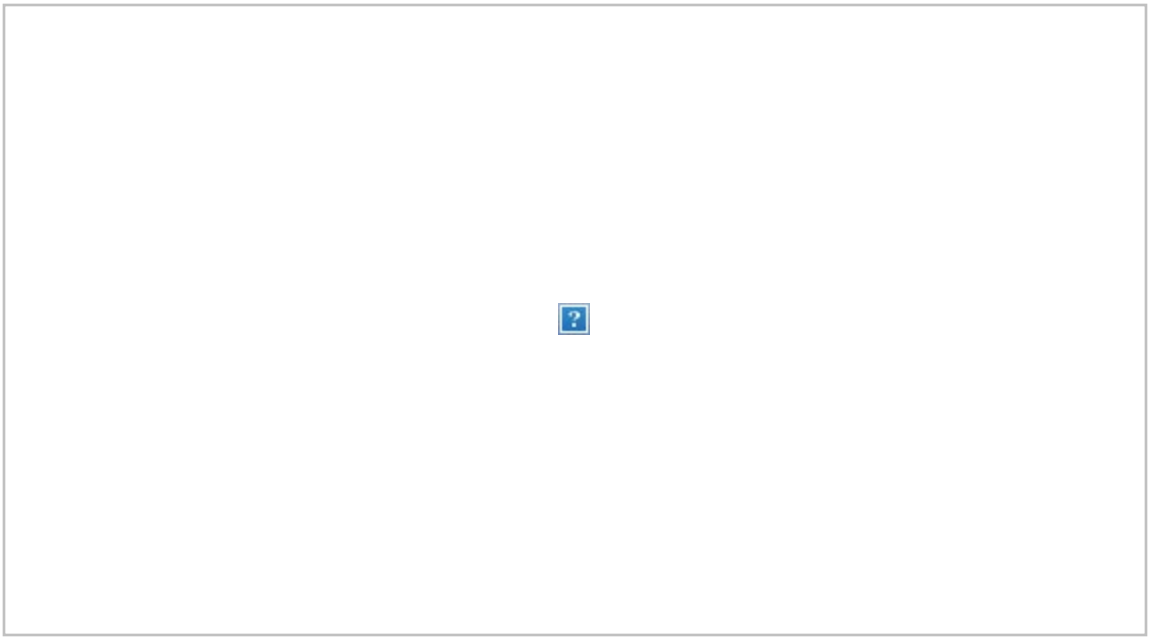
From: Matt Muzzy
Sent: Thursday, November 19, 2020 3:04 PM
To: Clark, Elaine <Elaine.Clark@maine.gov>; Pizzuti, Lou S <Lou.S.Pizzuti@maine.gov>
Cc: bdp@smemaine.com; Dick Angotti <dick.angotti@mseco.com>
Subject: Dolby leachate pipeline leak/repair

Elaine and Lou

Just a quick update on the repair work for the Dolby leachate pipeline. ACV Enviro (SME's pipeline cleaning subcontractor) arrived at Dolby Landfill Wednesday (11/18) and as of noon 11/19 had yet to

successfully repair the leak in MH#2.

A little background…when the leachate pipeline is cleaned the cleaning contractor has to enter several manholes and take the pipeline apart and remove that piece of pipeline so that cleaning equipment (about 1000 feet long) can be inserted into the section of pipeline between one manhole and the next. The portion of pipe removed is referred to as a spool section (e.g., spool sections are short pieces of pipe that connect longer pipe pieces together). Spool sections are typically custom in length and shape and thus prefabricated since working in confined spaces, such as manholes, can present unacceptable challenges relative to cutting, bending, threading and/or bending pipe. Several of the spool sections for the Dolby leachate pipeline also provide turning points for the pipeline, as visualized in the following sketch.



The spool section in MH#2 is an angular section (like the sketch) and close inspection of it shows the spool ends to have been tapered at some time in the past, presumably to allow the connection(s) to line up and be watertight. The tapering was apparently done after the pipeline design as there is no refence to it on the design drawings.

The MH#2 spool section is removed every time the pipeline is cleaned (about annually) and was first installed in ~1995. ACV points out that the spool section is wearing out and will likely need to be replaced in the future.

ACV also points out that the MH#2 and several other MHs are positioned in the access road to the Landfill. The Landfill access road is plowed during the winter and portions of the leachate pipeline manhole(s) are subject to freezing. Frost action potentially moves the manhole(s) a small amount each year which in turn affects the alignment of the pipeline sections entering/exiting the manhole(s). ACV points out that the subtle changes in pipeline alignment due to the leachate temperature differences throughout the year can also move the pipeline a bit making it progressively more difficult to remove/reinstall the spool sections without formation of leaks.

As part of the current site visit ACV was asked to check each of the manholes where spool sections were removed in 2020 for the pipeline cleaning. Very small leaks were detected in MH#3 and MH#13? and have been addressed, however water-tightness cannot be confirmed until the pipeline is filled with leachate, which cannot be practically done until the leak in MH #2 is repaired.

I will provide more information about these unforeseen repairs as it becomes available.

Please call with questions.

Thank you

Matt M

Matthew W. Muzzy, P.E.
Sevee & Maher Engineers, Inc.
4 Blanchard Road, PO Box 85A
Cumberland Center, ME 04021
Tel: 207-829-5016
Fax: 207-829-5692
Cell: 207-400-6550
www.smemaine.com

From: Pizzuti, Lou S
To: Matt Muzzy
Cc: Barden, Michael; Brian Pierce; Dick Angotti; Tarbuck, Kathy
Subject: RE: leachate pond cleaning -2020
Date: Wednesday, July 22, 2020 12:32:00 PM

Thanks for the follow-up e-mail, Matt.

Be well,
Lou

-----Original Message-----
From: Matt Muzzy <mmuzzy@smemaine.com>
Sent: Wednesday, July 22, 2020 11:35 AM
To: Pizzuti, Lou S <Lou.S.Pizzuti@maine.gov>
Cc: Barden, Michael <Michael.Barden@maine.gov>; Brian Pierce <bdp@smemaine.com>; Dick Angotti <dick.angotti@mseco.com>
Subject: leachate pond cleaning -2020

EXTERNAL: This email originated from outside of the State of Maine Mail System. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lou, the purpose of this email is to document the group viewing and discussion we had on 7/21/2020 at the Dolby Landfill regarding cleaning the leachate pond in 2020.
Prior to arrival at the leachate pond the water level in the leachate pond had been lowered such that the pond bottom in the vicinity of the inlet and outlet pipes to the pond could be viewed. In past years an accumulation of sediment (mostly fine sand) several feet thick would be present near the inlet pipe to the pond. The accumulated sediment would subsequently be removed as part of the annual pipeline cleaning. The 7/21/2020 viewing of the pond showed minimal sand accumulation. As result of the minimal sediment presence we (you, Mike Barden, Dick Angotti, and I) agreed that no removal of sediment from the pond would be necessary in 2020. As we noted, removing sediment from the leachate pond runs the risk of damaging the pond liner, which needs to be avoided if possible.
We will let you know when the leachate pipeline cleaning starts later this summer/fall.

Thank you for making the trip to the leachate pond for the 7/21/2020 viewing and discussion.

Matt M.

Matthew W. Muzzy, P.E.
Sevee & Maher Engineers, Inc.
4 Blanchard Road, PO Box 85A
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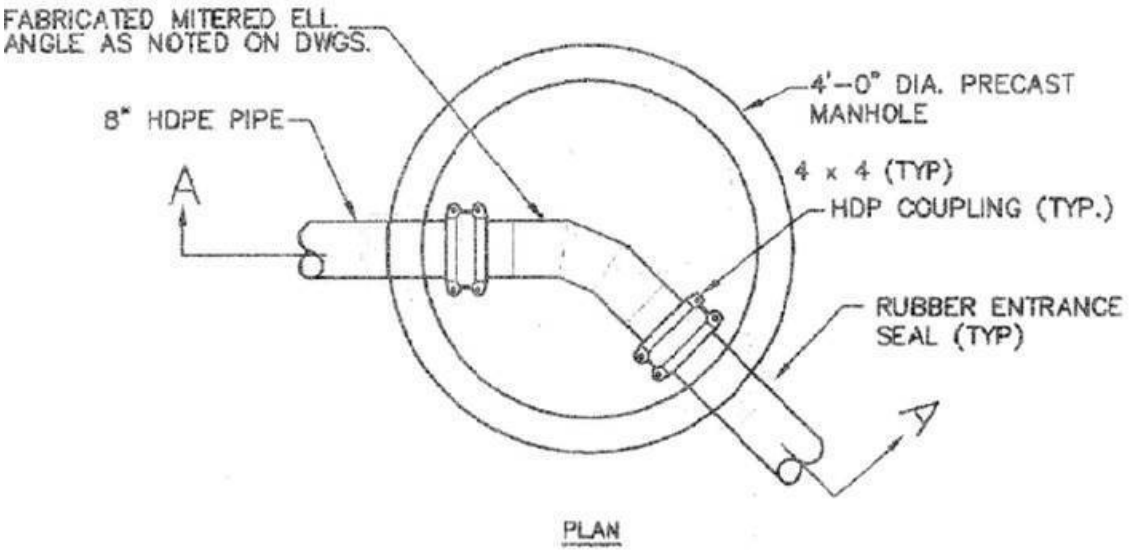

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STEVENS 24 HR. ELECTRIC & PUMP SERVICE INC

Residential – Commercial – Pumps and Controls

(207) 933-9638
11 Berry Road
PO Box 238
Monmouth, ME 04259

PREVENTATIVE MAINTENANCE REPORT

INSPECTION TYPE: ANNUAL

Location: Leachate pump station East Millinocket,ME **Date:** 7/29/2020
Customer: Dolby Landfill **Contact Person:** Dick Angotti
Phone Number: (207) 217-0385 **Email:** bdp@smemaine.com

CONDITION OF WET WELL / VALVE PIT:

	N/A	GOOD	WORKING OK	NEEDS ATTN
ACCESS HATCH			●	
HATCH DRAIN	●			
HATCH NET/GRATE	●			
VENTILATION				
UPPER GUIDE RAIL BRACKETS		●		
GUIDE RAILS		●		
INTERMEDIATE GUIDE BRACKETS	●			
BASE ELBOW		●		
DISCHARGE PIPING		●		
CHECK VALVES		●		
SHUT-OFF VALVES		●		

	N/A	GOOD	WORKING OK	NEEDS ATTN
EXTENSION HANDLES	●			
DISCHARGE PIPE BRACING	●			
DRAIN BACK PIPE	●			
TRASH BASKET	●			
STRUCTURE		●		
LADDER/STEPS		●		
VALVE PIT DRAIN	●			
LIFTING CHAINS	●			
LIFTING CHAIN HANGERS				
LIGHTING	●			
EMERGENCY BYPASS	●			

IS THERE BUILD UP OF GREASE ON THE WALLS? NA ON THE WATER? NA
DOES THE WET WELL NEED CLEANING? NA ARE THEY ON SCHEDULE? Yes

JUNCTION BOXES:

	N/A	GOOD	WORKING OK	NEEDS ATTN
CONDITION OF BOXES				
CONDITION OF CORD CONNECTORS				
CONDITION OF TERMINALS				

IS THERE MOISTURE PRESENT ?_____

CONTROL SYSTEM:

	N/A	GOOD	WORKING OK	NEEDS ATTN
FLOAT SWITCHES		●		
CONDITION OF FLOAT CORDS		●		
CONDITION OF FLOAT RACK / POLE		●		

ARE THE FLOATS AT THE PROPER LEVELS ? Yes

HAVE THE FLOATS BEEN CLEANED ? Yes

FLOAT OPERATION:

	N/A	GOOD	NOT GOOD
LOW LOW LEVEL ALARM	●		
LOW LEVEL ALARM	●		
START /STOP CYCLE		●	
ALTERNATION		●	

	N/A	GOOD	NOT GOOD
LAG START		●	
SECOND LAG START	●		
HIGH ALARM /LAG START	●		
HIGH LEVEL ALARM		●	

CONTROL PANEL:

	N/A	GOOD	NOT GOOD
CONDITION OF PEDISTAL	●		
CONDITION OF ENCLOSURE		●	
SERVICE LIGHT	●		
HOA SWITCHES		●	
PILOT LIGHTS		●	
HOUR METERS		●	
SILENCE CIRCUIT	●		
GFCI OUTLET	●		
FUSES		●	
RECONNECT RELAY	●		
LEAD SELECT SWITCH	●		
START/RUN CAPCITOR KITS	●		
MOTOR STARTERS		●	
TEST TRIP OVERLOADS		●	
VFD	●		
SOFT STARTERS	●		

	N/A	GOOD	NOT GOOD
UPS	●		
BATTERY BACKUP	●		
POWER FAIL ALARM	●		
PUMP SEAL FAIL ALARM		●	
PUMP OVERTEMP ALARM		●	
PUMP FAIL ALARM	●		
GENERATOR FAIL ALARM	●		
INTRUSION ALARM	●		
LOSS OF ECHO ALARM	●		
ALARM LIGHT ON PANEL	●		
AUDIBLE ALARM	●		
CONNECTIONS TIGHT ?		●	
MOISTURE IN PANEL ?		●	
CORROSION IN PANEL ?		●	
SEAL OFFS FILLED ?	●		
TELEMETRY WORKING ?		●	

PUMP # 1 & PUMP # 2

	# 1	# 2
CONDITION OF CABLE JACKET	Good	Good
CONDITION OF IMPELLER	Good	Good
CUTTER / WEAR RING COND.	Good	Good
CONDITION OF PUMP OIL	Clear	Clear
CORRECT IMPELLER ROTATION	CCWb	CCWb
DOES IMPELLER SPIN FREELY BY HAND?	Yes	Yes
PUMP MAKE PUMP MODEL	Flygt	Flygt

	# 1	# 2
CONDITION OF DISCHARGE CONNECTION	Good	Good
CONDITION OF PUMP CASE	Good	Good
CONDITION OF BEARINGS	Good	Good
CONDITION OF AIR RELEASE	N/A	N/A
ARE BELTS & PULLEYS TIGHT	N/A	N/A
HAVE PUMPS & MOTORS BEEN GREASED?	N/A	N/A
HAVE SEAL WATER FILTERS BEEN CLEANED	N/A	N/A

RESISTANCE OF MOTOR AT CONTROL:

	#1	#2		#1	#2		#1	#2
BLK/RED	0.4	0.4	RED/WHT	0.4	0.4	WHT/BLK	0.4	0.4
BLK/GND	<20 meg	<400 meg	RED/GND	<20 meg	<400 meg	WHT/GND	<20 meg	<400 meg

VOLTAGE:

	L1/L2		L2/L3		L3/L1	
	#1	#2	#1	#2	#1	#2
PUMP OFF:	493	493	494	494	495	495
PUMP ON:	489	488	488	489	489	489

AMPERAGE:

(BLK) L1	
#1	#2
30.4	29.4

(RED) L2	
#1	#2
31.9	30.4

(WHT) L3	
#1	#2
31.2	28.9

Flow test:

	TEST #1		TEST #2		INFLOW
	#1	#2	#1	#2	
START LEVEL:	130	130			
STOP LEVEL:	147	158			
TIME SPAN:	60	100	60	60	60
GAL/IN:	40	40	40	40	40
GAL/MIN:	680.00	672.00	0.00	0.00	0.00
PRESSURE:					
LAST GAL/MIN					

HOUR METER READINGS:

OLD	
#1	#2

NEW	
#1	#2
8389.8	8821.4

DIFF	
#1	#2
8,389.80	8,821.40

DIFF LAST VISIT	
#1	#2

FINAL CHECK:

ARE THE PUMPS SEATED PROPERLY?	You
ANY LEAKS IN THE SYSTEM?	No
PROBLEMS WHEN LIFTING PUMPS?	No

ARE THE HOA SWITCHES IN AUTO AND ALARM ON?	Yes
ARE THE CIRCUIT BREAKERS ON?	Yes
ARE ALL DOORS AND HATCHES LOCKED?	Yes

WORK PERFORMED DURING THIS VISIT:

Opened up both pump contactors to check the condition of the contact points. Very minor pitting on the contacts at this time and overall look good.

RECOMMENDATIONS FOR IMPROVEMENTS:

COMMENTS:

Bill/Kyle

INSPECTION DONE BY:_____

APPENDIX D

WASTE LOGS

SME
SEVEE & MAHER
ENGINEERS

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
January-2020

	WASTE DISPOSAL (Cubic Yards[1])																					
	EAST MILLINOCKET					MILLINOCKET						OTHER										
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Cover Material	Construction Debris	Gravel	TS Ash	WWTP Sludge	No. of Truck Loads
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
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Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:
1. Waste Disposal Quantities based on truck count as reported by Mid South Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
February-2020

	WASTE DISPOSAL (CUBIC YARDS[1])																				
	EAST MILLINOCKET					MILLINOCKET					OTHER										
DAY	WWTP SLUDGE	RFP SLUDGE	WOOD YARD	TRASH	ASH	WWTP SLUDGE	TRASH	WOOD YARD	ASH	LIQUOR SLUDGE	ANDINO	SIGNAL SHERMAN	OILY WASTE	COAL ASH	ASBESTOS	COVER MATERIAL	CONSTRUCTION DEBRIS	GRAVEL	TS ASH	WWTP SLUDGE	NO. OF TRUCK LOADS
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
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14																					
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19																					
20																					
21																					
22																					
23																					
24																					
25																					
26																					
27																					
28																					
TOTAL YARDS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:
1. WASTE DISPOSAL QUANTITIES BASED ON TRUCK COUNT AS REPORTED BY D&S ENGINEERING.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
March-2020

	WASTE DISPOSAL (Cubic Yards[1])																		
	EAST MILLINOCKET				MILLINOCKET				OTHER										
Day	WWTP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Wood Yard	Ash	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Cover Material	Construction Debris	Gravel	TS Ash	WWTP Sludge	No. of Truck Loads
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
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22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			
31																			
Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:
1. Waste Disposal Quantities based on visual observation by SME.
2. Sludge thickener is in totes located within the active cell.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
April-2020

	WASTE DISPOSAL (Cubic Yards[1])																					
	EAST MILLINOCKET					MILLINOCKET						OTHER										
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Cover Material	Construction Debris	Gravel	TS Ash	WWTP Sludge	No. of Truck Loads
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
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21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:
1. Waste Disposal Quantities based on truck count as reported by D&S Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
May-2020

	WASTE DISPOSAL (Cubic Yards[1])																					
	EAST MILLINOCKET					MILLINOCKET						OTHER										No. of Truck Loads
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Cover Material	Construction Debris	Gravel	TS Ash	WWTP Sludge	
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
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22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:
1. Waste Disposal Quantities based on truck count as reported by D&S Engineering.
1. Waste Disposal Quantities based on truck count as reported by Mid South Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
June-2020

	WASTE DISPOSAL (Cubic Yards[1])																						
	EAST MILLINOCKET					MILLINOCKET						OTHER											
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Cover Material	Construction Debris	Gravel	TS Ash	WWTP Sludge	No. of Truck Loads
1																						
2																						
3																						
4																						
5					100				26													
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
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23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
Total Yards	0	0	0	0	100	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NOTES:

1. Waste Disposal Quantities based on truck count as reported by Mid South Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
July-2020

	WASTE DISPOSAL (Cubic Yards)																					
	EAST MILLINOCKET					MILLINOCKET						OTHER										No. of Truck Loads
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Cover Material	Construction Debris	Gravel	TS Ash	WWTP Sludge	
1																						
2																						
3																						
4																						
5																						
6																					241695	
7																						
8																						
9																						
10																						
11																						
12																						
13																					310000	
14																						
15																						
16																						
17																						
18																					192500	
19																					294751	
20																						
21																					50818	
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,089,764	0

ATTACHMENT 2
WASTE DISPOSAL AT DOLBY LANDFILL
DOLBY LANDFILL
EAST MILLINOCKET, MAINE
August-2020

	WASTE DISPOSAL (Cubic Yards)																				
	EAST MILLINOCKET					MILLINOCKET						OTHER									
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Medway Ash	Cover Material	Leachate Pond Cleaning Waste	Gravel	TS Ash	WWTP Sludge
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
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20																					
21																					
22																					
23																					
24																					
25																					
26																					
27																					
28																					
29																					
30																					
31									54							137					
Total Yards	0	0	0	0	0	0	0	0	54	0	0	0	0	0	0	137	0	0	0	0	

Notes: Waste Volumes as reported by Mid-South Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
September-2020

	WASTE DISPOSAL (Cubic Yards)																				
	EAST MILLINOCKET					MILLINOCKET						OTHER									
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Medway Ash	Cover Material	Leachate Pond Cleaning Waste	Gravel	TS Ash	WWTP Sludge
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																		127,044			
24																					
25																					
26																		105,300			
27																		206,700			
28																					
29																		39,000			
30																		39,000			
31																					
Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	517,044	0	0	0

Notes: Waste Volumes as reported by Mid-South Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
October-2020

	WASTE DISPOSAL (Cubic Yards)																				
	EAST MILLINOCKET					MILLINOCKET						OTHER									
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Medway Ash	Cover Material	Leachate Pond Cleaning Waste	Gravel	TS Ash	WWTP Sludge
1																					
2																					
3																					
4																					
5																					
6																					
7																		412,951			
8																					
9																					
10																					
11																					
12																					
13																					
14																		492,075			
15																					
16																					
17																					
18																					
19																					
20																					
21																					
22																					
23																		463,881			
24																					
25																		590,976			
26																					
27																					
28																					
29																					
30																		595,861			
31																					
Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,555,744	0	0	0

Notes: Waste Volumes as reported by Mid-South Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
November-2020

	WASTE DISPOSAL (Cubic Yards[1])																						No. of Truck Loads
	EAST MILLINOCKET					MILLINOCKET						OTHER											
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Cover Material	Construction Debris	Gravel	Medway TS Ash	WWTP Sludge	
1																							
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11					65				40											52			9
12																							
13																							
14																							
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19																							
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22																							
23																							
24																							
25																							
26																							
27																							
28																							
29																							
30																							
31																							
Total Yards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	0		9

NOTES:
1. Waste Disposal Quantities based on truck count as reported by Mid South Engineering.

ATTACHMENT 2
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT
WASTE DISPOSAL AT DOLBY LANDFILL
December-2020

	WASTE DISPOSAL (Cubic Yards[1])																					
	EAST MILLINOCKET					MILLINOCKET						OTHER										
Day	WWTP Sludge	RFP Sludge	Wood Yard	Trash	Ash	WWTP Sludge	Trash	Wood Yard	Ash	Woodlands	Liquor Sludge	Andino	Signal Sherman	Oily Waste	Coal Ash	Asbestos	Medway Ash	Construction Debris	Gravel	TS Ash	WWTP Sludge	No. of Truck Loads
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13									66.99								13.996					
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
Total Yards	0	0	0	0	0	0	0	0	67	0	0	0	0	0	0	0	14	0	0	0	0	0

NOTES:
1. Waste Disposal Quantities based on truck count as reported by Mid South Engineering.

APPENDIX E

WATER QUALITY MONITORING FREQUENCY CHANGE

SME
SEVEE & MAHER
ENGINEERS

STATE OF MAINE
Department of Environmental Protection (MEDEP)
Bureau of Remediation and Waste Management

MEMORANDUM

TO: Lou Pizzuti, Project Manager, Solid Waste Licensing Unit

FROM: Sean Dougherty, Senior Environmental Hydrogeologist,
Division of Technical Services

DATE: July 23, 2020

RE: 2019 Annual Report, Dolby Landfill, East Millinocket, Maine

Consultant – Sevee & Maher Engineers, Inc. (SME)
EGAD Site No. 31341

I have reviewed the 2019 Annual Report for the Dolby landfills, located in East Millinocket, as submitted by SME, dated May 2020. My review was primarily focused on the water quality monitoring portion of the report. To support my review, I prepared the following figures and tables.

- Figure 1 – Groundwater Monitoring Results 2010-2019, Dolby I Landfill;
- Figure 2A – Groundwater Monitoring Results 2010-2019, North Side Dolby II Landfill;
- Figure 2B – Groundwater Monitoring Results 2010-2019, East Side Dolby II Landfill;
- Figure 2C – Groundwater Monitoring Results 2010-2019, West Side Dolby III;
- Figure 2D – Groundwater Monitoring Results 2010-2019, South Side Dolby III; and
- Figure 3 – Surface Water, Storm Water, and Leachate 2010-2019.
- Table 1 – Summary of Sampling Results, 2019; and
- Table 2 – Mann Kendall Trend Analysis, 2010 through 2019.

Summary and General Comments

Active water quality monitoring locations in the vicinity of the Dolby landfills are currently monitored three times per year. Overall, water quality monitoring results from 2019 are generally consistent with historical sampling results. While water quality appears to be improving in some areas, other monitoring locations show evidence of degrading water quality. In particular, several groundwater monitoring locations to the north and west of Dolby III show elevated dissolved ion content and many indicator parameters with increasing concentration trends.

Surface water sample locations at the Partridge Brook Flowage continue to show minimal evidence of impact from the landfill; however, concentrations of several landfill indicator

parameters appear to have started to increase over the past couple of years at location PBFR. Water quality in the site sedimentation ponds continues to remain relatively stable.

DOLBY I

upgradient bedrock - monitoring well 103
shallow bedrock - monitoring well 113

Currently, monitoring wells 103 and 113 are monitored for field parameters, only. Specific conductance at 103 remains low and relatively consistent. Measurements at 113 are still elevated, but may be slowly decreasing, as would be expected as the landfill continues to mature.

DOLBY II

shallow bedrock - monitoring wells 104B, 205A, 206A, 303A
deep bedrock - monitoring well 202AR
overburden - monitoring wells 202B, 205B, 206B, 303B

In general, water quality appears to be stable or improving in the majority of monitoring locations around the Dolby II landfill. The exception to this is monitoring location 206A. Well 206A is located near the boundary between Dolby II and Dolby III. This monitoring location exhibits elevated dissolved ion content and several landfill indicator parameters with increasing concentration trends. The specific conductance measurements at 206A during the August and October 2019 sampling events were significantly higher than the specific conductance measurements at the two site leachate ponds.

The MCL and/or MEG for arsenic, iron, manganese, sodium and ammonia was exceeded in monitoring locations sampled in the vicinity of the Dolby II landfill, in 2019.

DOLBY III

bedrock - monitoring wells 107A, 302B, 304A, 401A, 402A
overburden - monitoring wells 301, 302C, 304B, 401B, 402B

Groundwater quality in monitoring locations along the east side of the Dolby III landfill shows the most significant impact from the landfill. Monitoring locations 107A, 301, 302B and 302C all show high dissolved ion content and several landfill indicator parameters with increasing concentration trends. Alternatively, monitoring locations 304A and 304B, located immediately downgradient from the leachate pond show little evidence of impact.

Monitoring locations 301, 302B and 302C were tested for VPH and EPH in 2019, No VPH or EPH were detected.

There were MEG exceedances for sodium and manganese measured at monitoring locations 107A, 301, 302B and 302C in 2109.

Monitoring locations to the south of Dolby III exhibit low to moderate concentrations of landfill indicator parameters. Concentrations at monitoring locations 401A, 401B and 402A appear to be slowly increasing, while many indicator parameters at location 402B are decreasing in concentration.

There were MCL and/or MEG exceedances for sodium, arsenic, iron and manganese measured at monitoring locations to the south of Dolby III, in 2019.

SURFACE WATER AND LEACHATE

Samples collected from the Leachate Pond (LP) located west of Dolby III are typical of landfill leachate, with high specific conductance and dissolved ion content. Leachate Pond 2 (LP2), located east of Dolby II, exhibits much lower specific conductance and dissolved ion content. This likely due to that fact that the Dolby II landfill is a more mature landfill. The Leak Detection System (LDS) sample appears to show relatively high concentrations of landfill indicator parameters. Overall, the Leachate Detection System sample results for 2019 were within historical ranges for this location.

Monitoring of the Partridge Brook Flowage continues to show minimal evidence of impact to the surface water from the landfill. Field monitoring results at location PBFR during the October 2019 sampling event appear to be far outside of the normal range for this monitoring location. Specific conductance was measured at 378 uS/cm during the October event, compared to 61 uS/cm during the August 2019 event. The reported TDS for the October 2019 event was 70 mg/L, which does not equate to the specific conductance measurement. The pH measurement during the October 2019 event was 3.8 SU, compared to 8.0 SU during the August 2019 event. This would be an unusually low and potentially alarming pH measurement for a surface water body. For now, I would assume that this pH value is attributable to either instrument malfunction or recording error.

Comments on 2019 Annual Report

- In section 3.10 System Failures and Repairs, SME states that:

  "On October 15, 2019 leachate from the pond exceeded the action leakage rate (ALR). The conductivity of the pond, leak detection layer, and underdrain pump station at the time was 1750 microsiemens per centimeter (uS/cm), 997 uS/cm, and 750 uS/cm, respectively. The leak detection conductivity is closer to the underdrain pump station conductivity than the leachate conductivity. Accordingly, it appears the leak detection layer may be more influenced by groundwater in the underdrain layer than from a leak in the primary liner for the leachate pond.".

  While this seems like a reasonable assessment, I think that it is also debatable. SME has concluded in the past that groundwater likely seeps into the leak

detection layer of the pond liner system. I suspect that this is true. However, it is also possible that the elevated specific conductance in the leak detection layer is not entirely attributable to groundwater with elevated dissolved ion content. The fluid in the leak detection layer may very well be leachate that has seeped through the primary liner and has been diluted by groundwater that has infiltrated the secondary liner. Monitoring results at groundwater monitoring locations 304A and 304B, located immediately downgradient of the leachate pond, do not show groundwater in this area to have elevated specific conductance in the range observed in the leak detection layer, or the underdrain pump station. This is also evidence that any leakage from the leachate pond is not significantly impacting groundwater.

- In section 4.1 Monitoring Locations, SME states that:

  "… monitoring events occurred during the periods of June 3 through 6, August 12 through 15, and November 21 through 24".

  I think there might be an error here. Based on the data tables provided in the report it looks like the fall sample event was conducted in October rather than November.

- In section 10.0 Recommendations, SME recommends that water quality monitoring frequency be reduced from three events per year to two events per year, omitting the summer monitoring event.

  This is a bit unusual given that there is a portion of Dolby III that remains open; however, SME states that this open landfill area will only receive small amounts of waste material in the coming years and will be closed in the near future. Given this, I think it is reasonable to consider a decrease in monitoring frequency at this time. While some monitoring locations show clear landfill impact with changing concentration trends, I do not believe that reducing the monitoring frequency to two events per year will limit the ability to identify changes in the overall groundwater quality. The locations where monitoring frequency may be the most critical are in the leachate pond and the associated leak detection system. These monitoring locations do exhibit relatively wide fluctuations in parameter concentrations between monitoring events; however, two monitoring events per year should be sufficient for identifying trends in the data indicative of significant leakage.

Recommendations

1. I am comfortable with SME's recommendation to decrease the groundwater and surface water quality monitoring frequency to two events per year.

Cc Kathy Tarbuck

FIGURE 1: Groundwater Monitoring Results 2010 - 2019
Dolby I Landfill, East Millinocket

Figure prepared by Sean Dougherty, MEDEP
July 2020

N

0 250 500 1,000 1,500 2,000 Feet

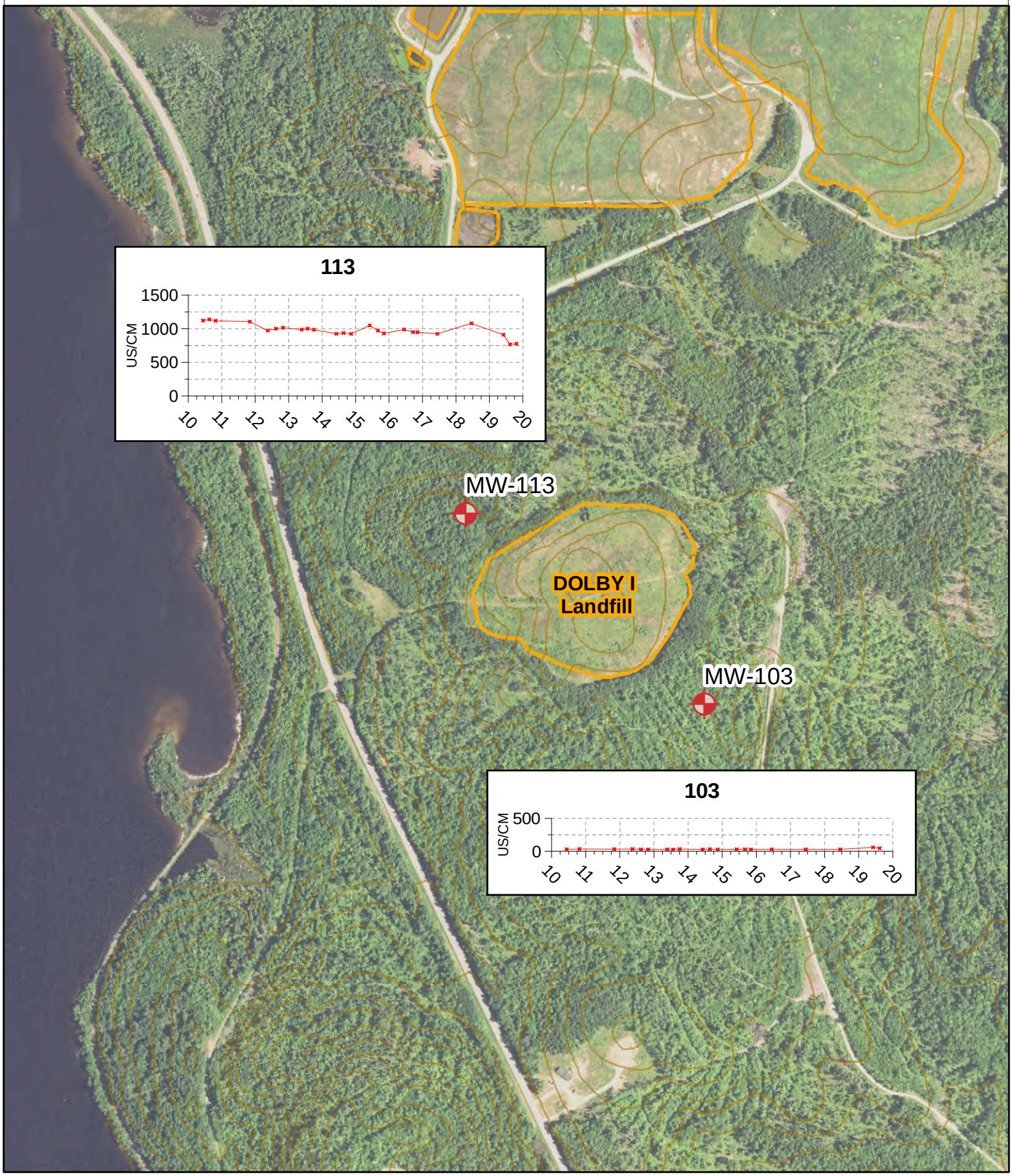
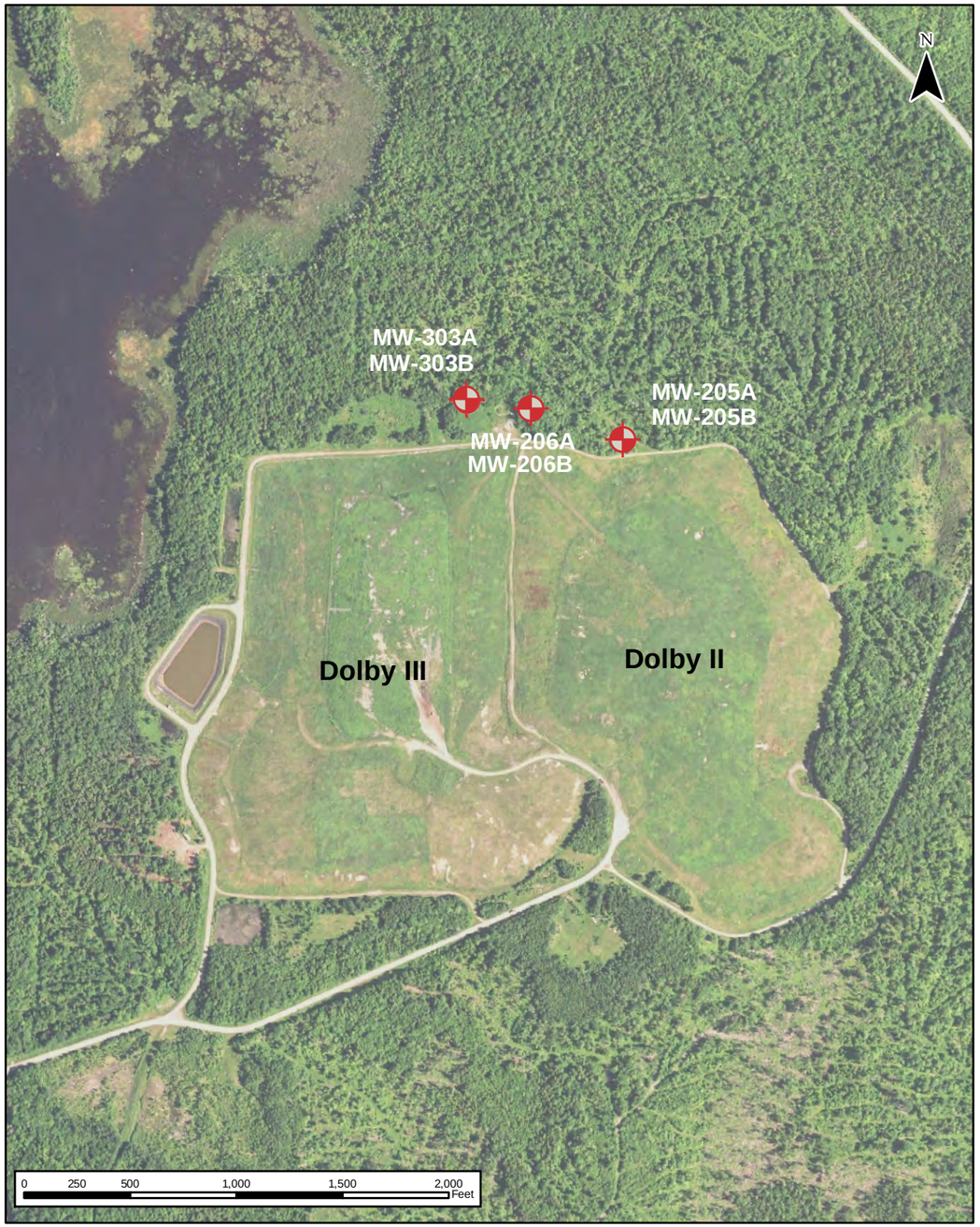


FIGURE 2A: Groundwater Monitoring Results 2010 - 2019
North Side Dolby II Landfill, East Millinocket



PLOT LEGEND

- Indicator: SPC
- Indicator: TDS
- Cations: CA, MG, K, NA
- Anions: HCO3, CL-, SO4-, ALK, TOC

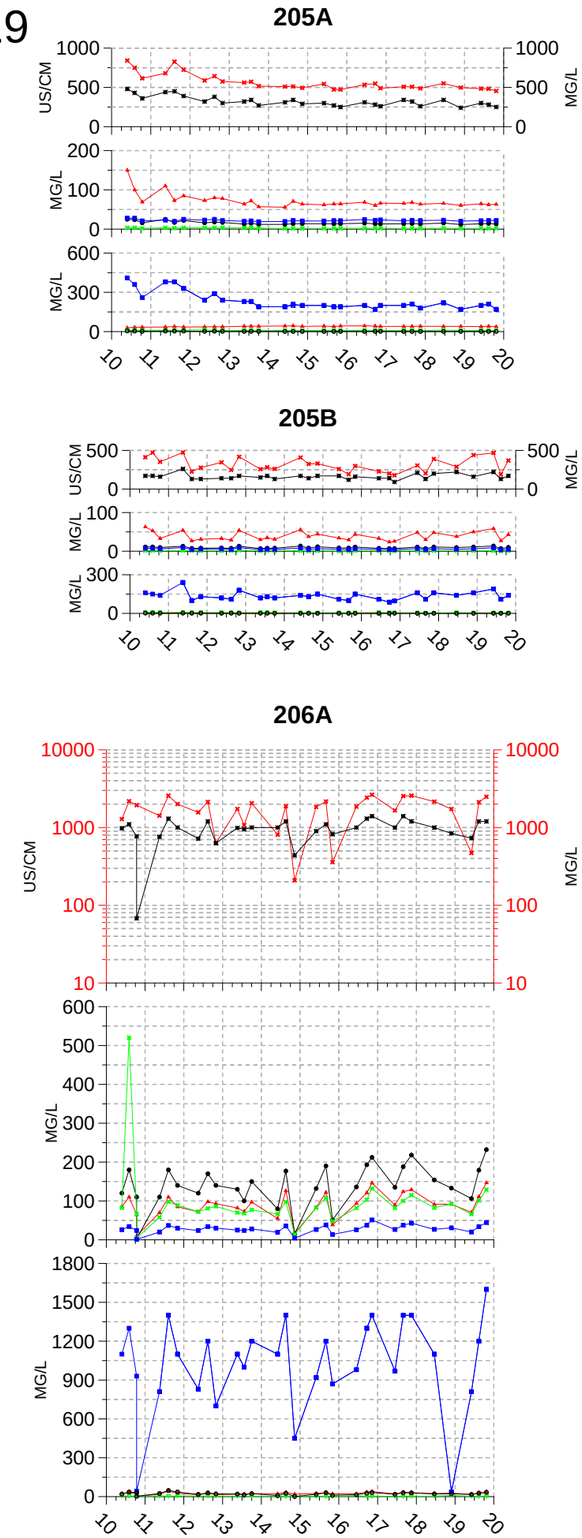
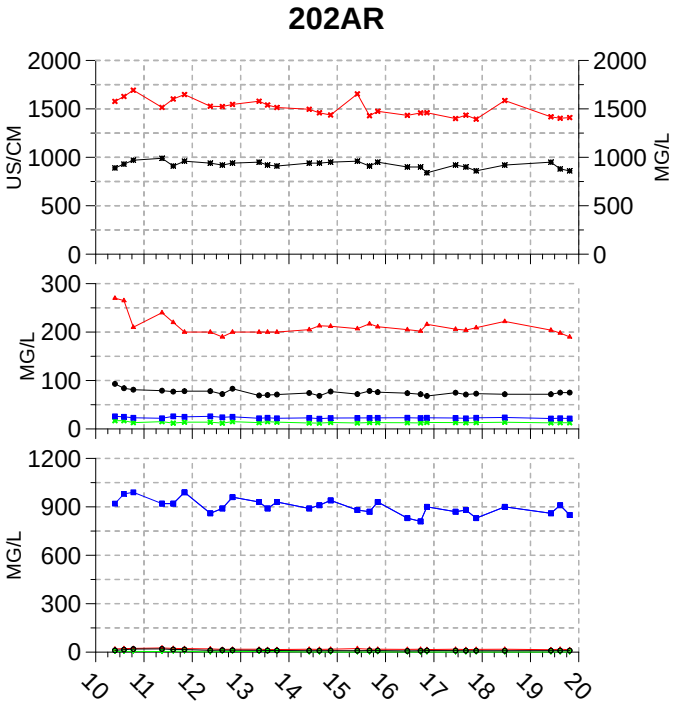
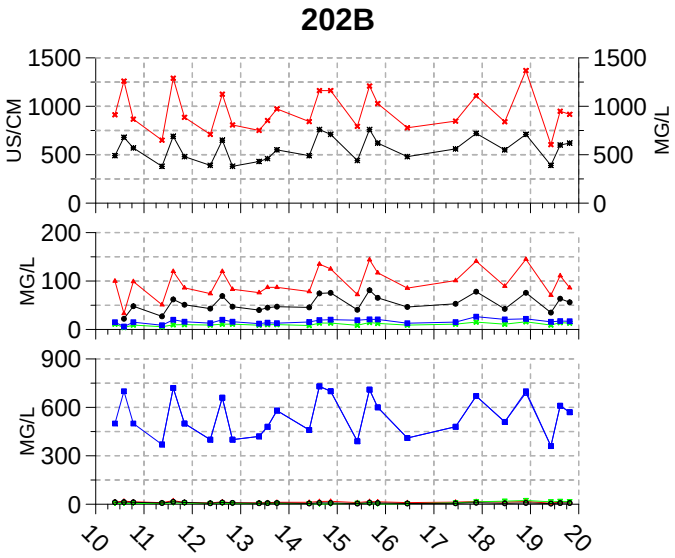
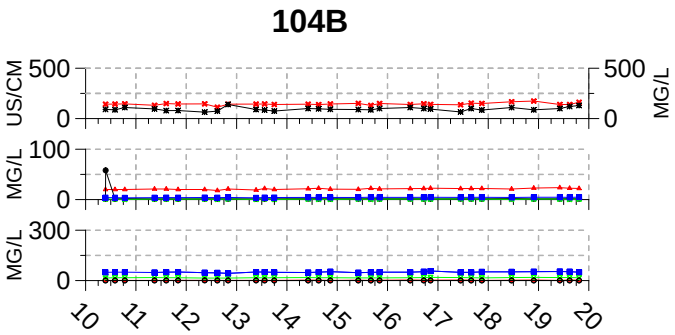


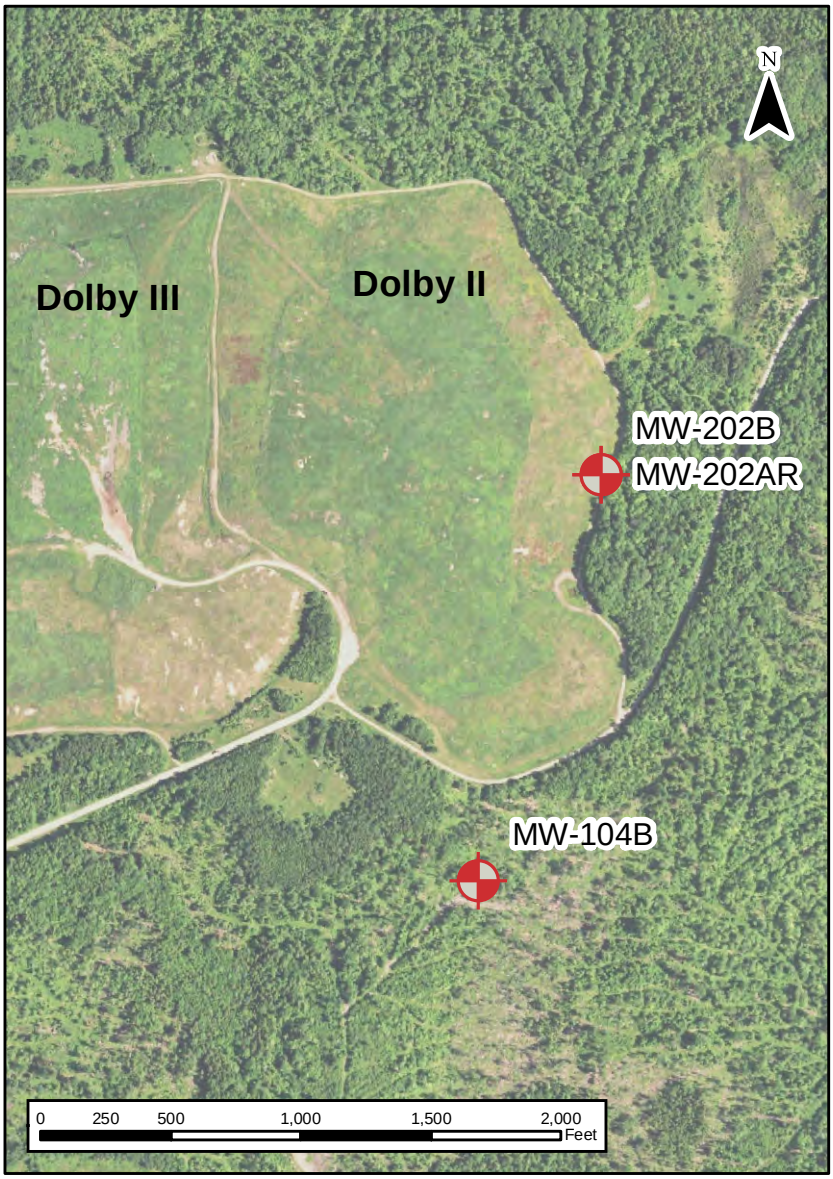
Figure prepared by Sean Doughety, MEDEP
July 2020

FIGURE 2B: Groundwater Monitoring Results 2010 - 2019
East Side Dolby II Landfill, East Millinocket







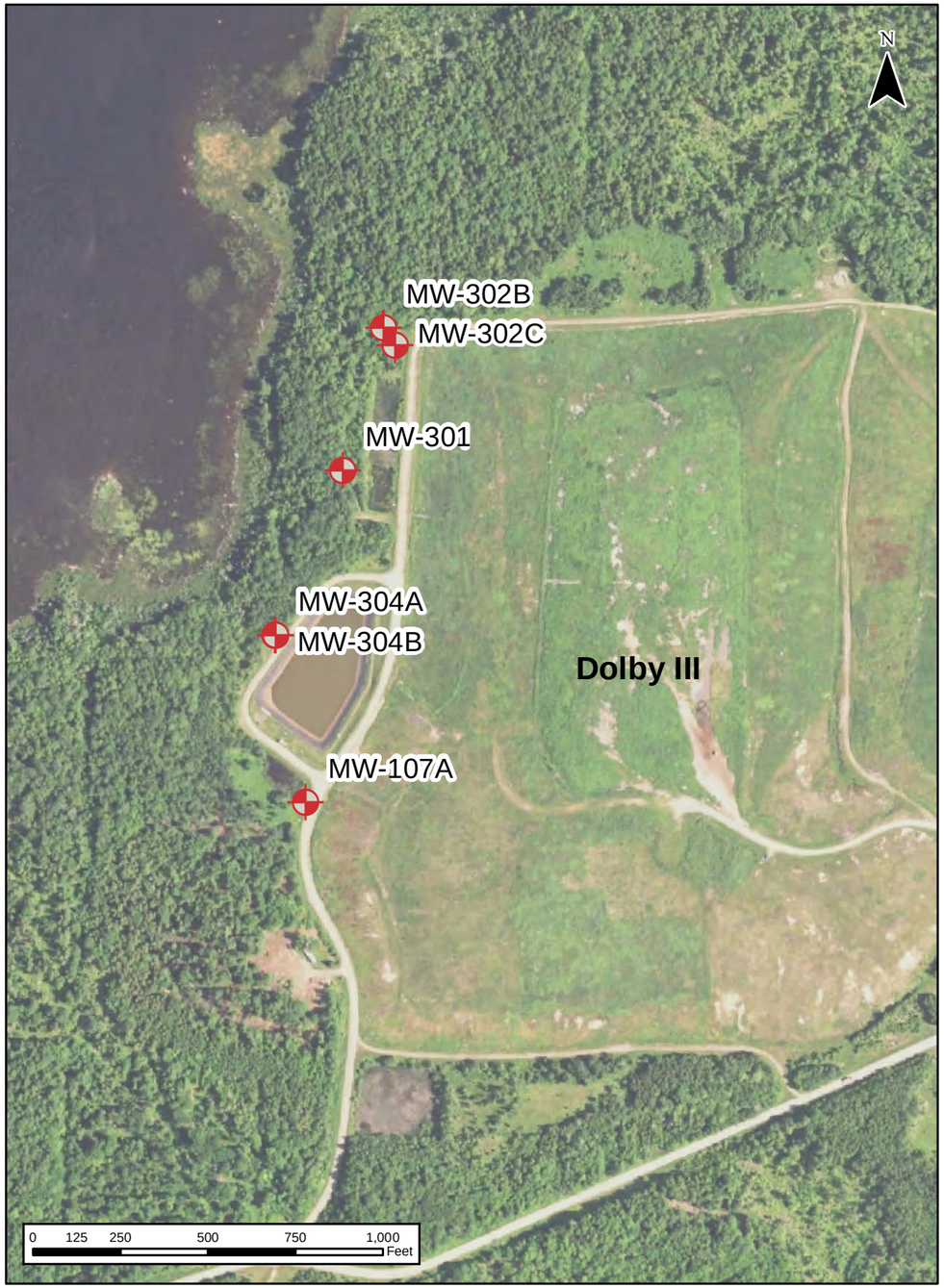


PLOT LEGEND

- Indicator: SPC
- Indicator: TDS
- Cations: CA, MG, K, NA
- Anions: HCO3, CL-, SO4-, ALK, TOC

Figure prepared by Sean Dougherty, MEDEP
July 2020

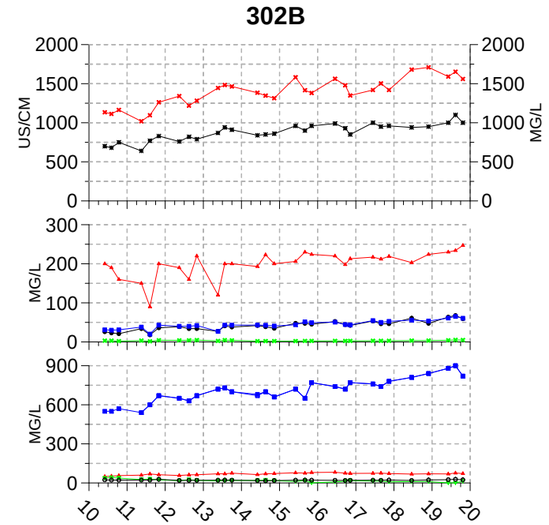
FIGURE 2C: Groundwater Monitoring Results 2010 - 2019
West Side Dolby III Landfill, East Millinocket

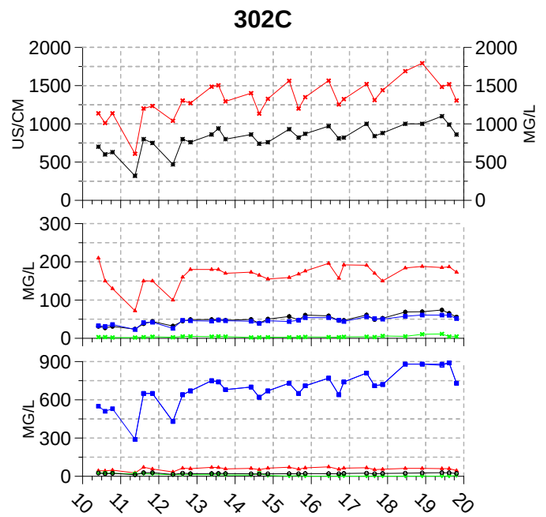


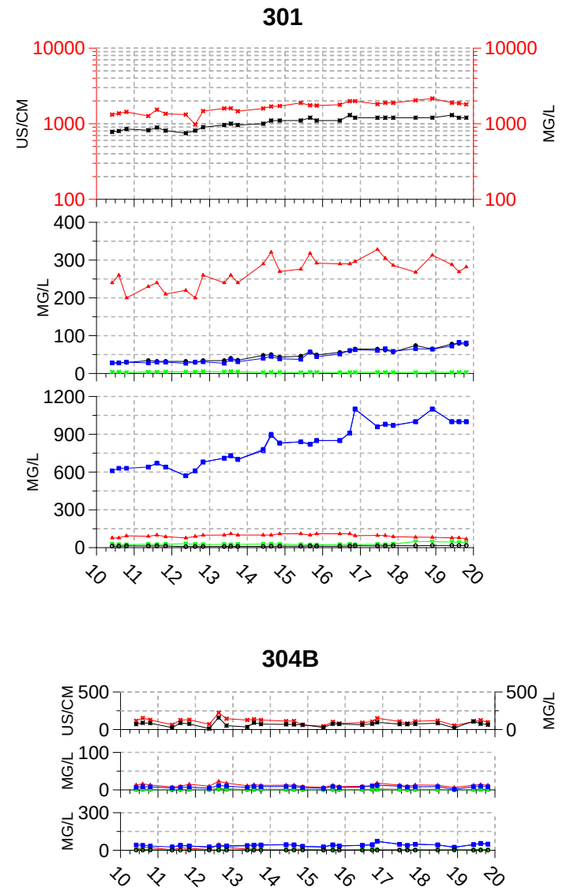
PLOT LEGEND

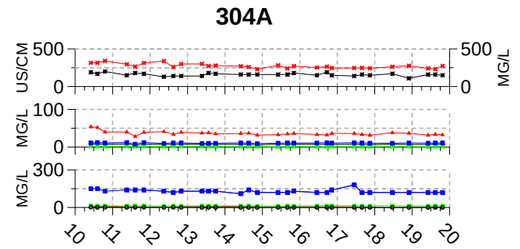
- Indicator: SPC
- Indicator: TDS
- Cations: CA, MG, K, NA
- Anions: HCO3, CL-, SO4-, ALK, TOC

Map created by Sean Dougherty, MEDEP
July 2020









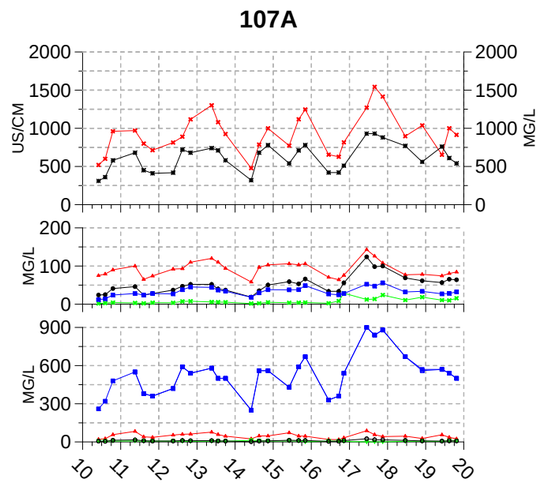
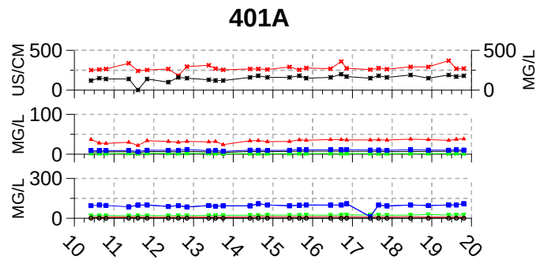
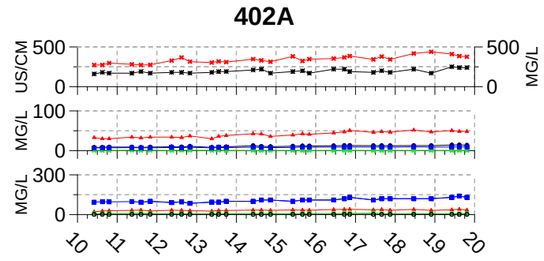
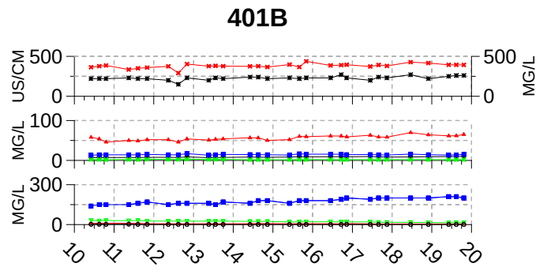
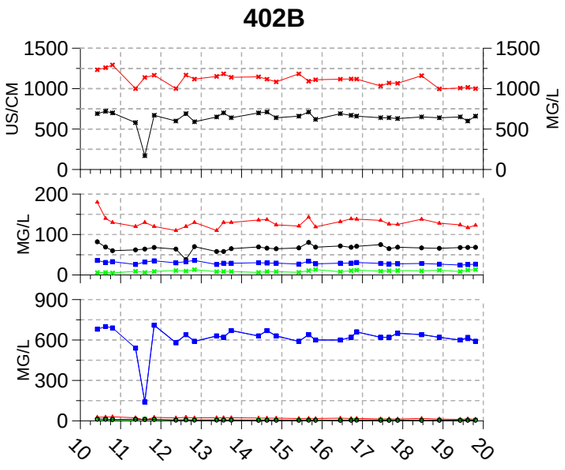


FIGURE 2D: Groundwater Monitoring Results 2010 - 2019
South Side Dolby III Landfill, East MIllinocket









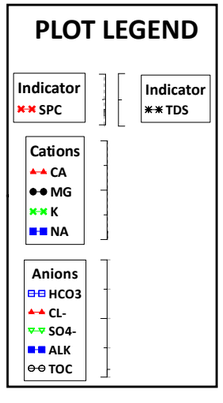
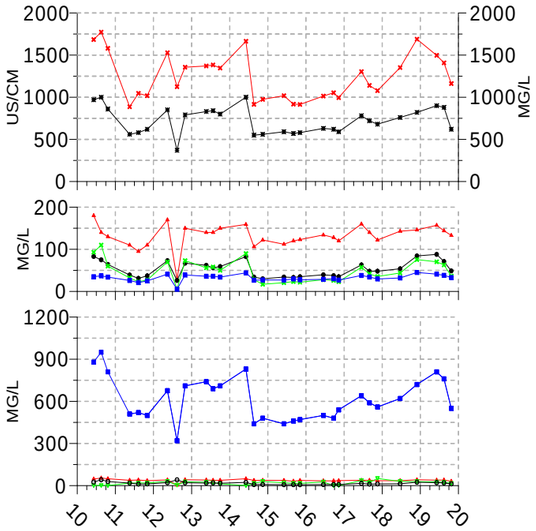


Figure prepared by Sean Dougherty, MEDEP
July 2020

FIGURE 3: Surface Water, Storm Water, and Leachate 2010 - 2019
Dolby II & III Landfills, East Millinocket

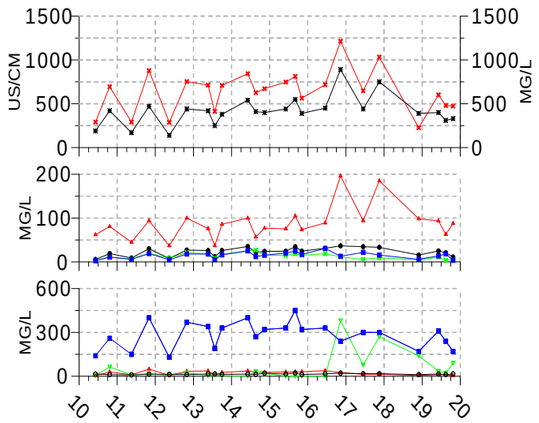
Leak Detection System

LDS



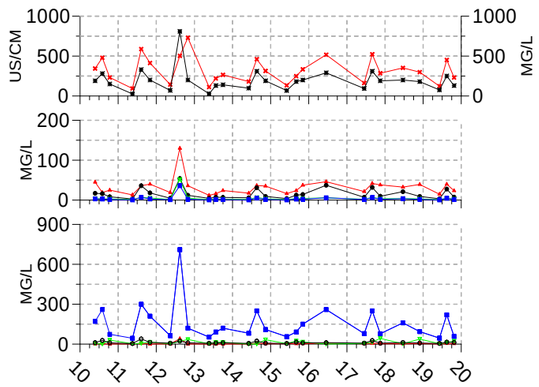
Sedimentation Pond North

SPON



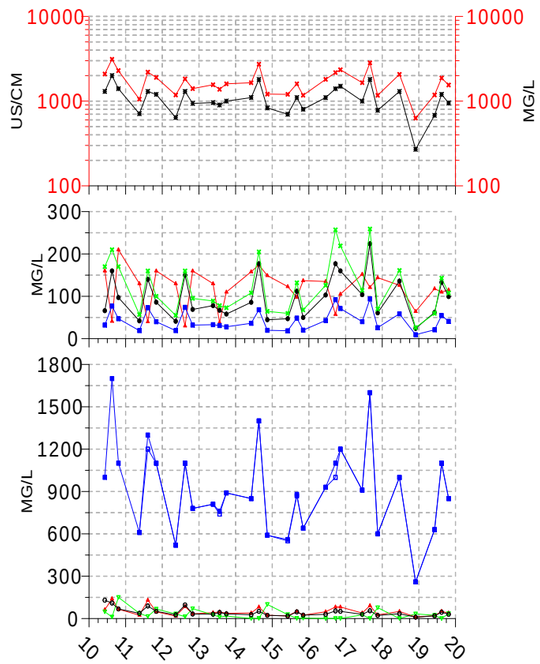
Leachate Pond 2

LPD2



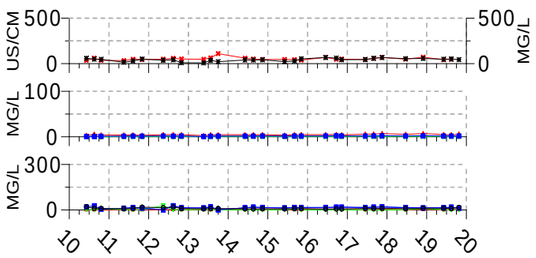
Leachate Pond

LP



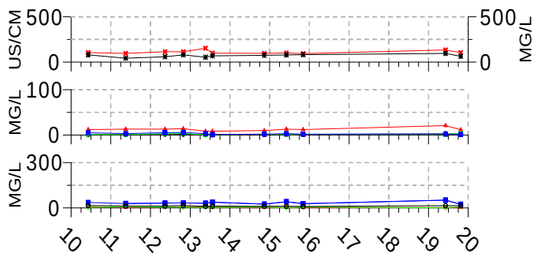
Partridge Brook Flowage (Background)

PBFB



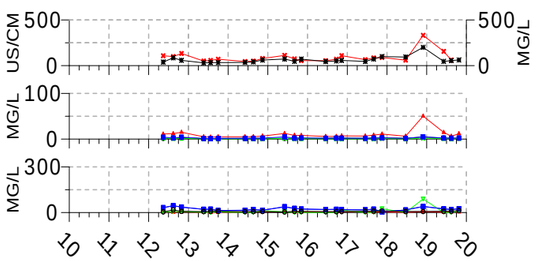
Sedimentation Pond

SPO



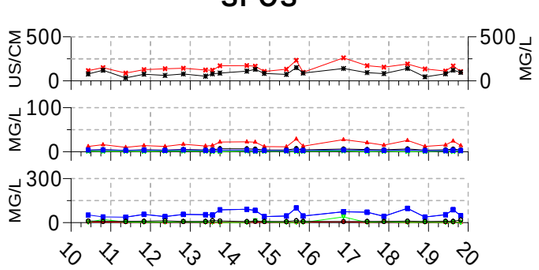
Partridge Brook Flowage Replacement

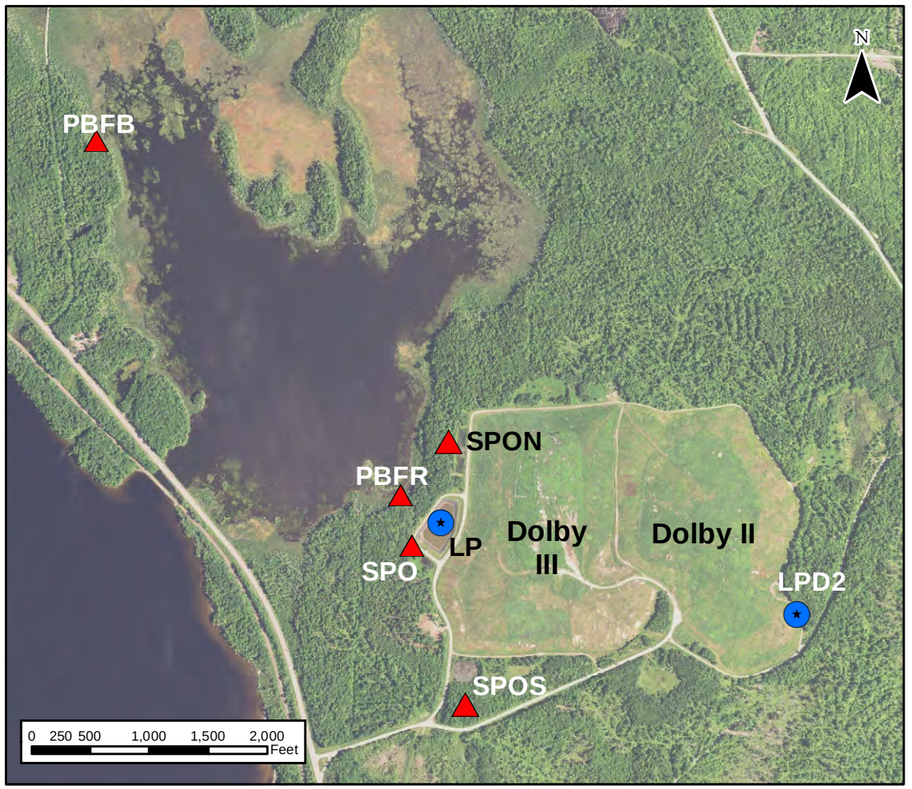
PBFR



Sedimentation Pond South

SPOS





PLOT LEGEND

Indicator: SPC
Indicator: TDS
Cations: CA, MG, K, NA
Anions: HCO3, CL-, SO4-, ALK, TOC

Figure prepared by Sean Dougherty, MEDEP
July 2020

TABLE 1
Summary of Sampling Results
Dolby Landfills, East Millinocket
2019

SAMPLE LOCATION	SAMPLE DATE	GUIDELINES	ANION					CATION				FIELD		INDICATOR									SPECIFIC CONDUCTANCE
			ALKALINITY, BICARBONATE	CHLORIDE	SULFATE	TOTAL ALKALINITY	TOTAL ORGANIC CARBON	CALCIUM	MAGNESIUM	POTASSIUM	SODIUM	DISSOLVED OXYGEN	PH	TOTAL DISSOLVED SOLIDS	TOTAL HARDNESS	TOTAL SUSPENDED SOLIDS	ARSENIC	BARIUM	IRON	MANGANESE	AMMONIA AS NITROGEN	NITRATE AS NITROGEN	
			MG/L					MG/L				MG/L	STU	MG/L			MG/L						UMHOS/CM
		MCL															0.01	2				10	MODERATE
		MEG									20						0.01	1	5	0.3	30	10	HIGH
GROUNDWATER	103	6/1/2019										12.7	7.6										59
		8/1/2019										12.3	7										45
	104B	6/1/2019	54	<2	18	54	<1	23.7	1.84	<1	4.62	4.6	7.8	120	66.8	<4	<0.008		<0.1	0.0132	<0.1	0.092	140
		8/1/2019	53	3.4	18	53	<1	22.5	1.78	<1	4.38	5.5	8.3	120	63.5	<4	<0.008		<0.1	0.0144	<0.1	0.076	140
		10/1/2019	50	2.3	17	50	<1	22.1	1.78	1.03	4.81	5	7.1	130	62.5	<4	<0.008		<0.1	0.0079	<0.1	0.082	162
	107A	6/1/2019	570	56	3.4	570	6.5	74.3	56.6	10.6	27.1		7.2	760	419	<4	<0.008		<0.1	8.16	<0.1	0.22	653
		8/1/2019	540	36	10	540	7.9	80.5	65.4	9.96	28.2	3.5	6.9	610	470	<4	<0.008		<0.1	17	0.21	<0.05	1000
		10/1/2019	500	24	6.2	500	7.6	84.3	63.9	15.6	32.3	0.5	7.1	540	474	<4	<0.008		0.197	18.6	0.92	<0.05	914
	113	6/1/2019										9.9	7.1										910
		8/1/2019										3.2	6.9										767
		10/1/2019										8.3	7.3										777
	202AR	6/1/2019	860	15	<1	860	9.2	204	71.6	12.6	21.5	2.8	6.6	950	804	<4	0.026		1.66	15	3.5	<0.05	1418
		8/1/2019	910	18	<1	910	9.4	198	75	12.9	22.1	1.6	6.6	880	802	<4	0.016		1.48	14.5	3.4	<0.05	1403
		10/1/2019	850	15	<1	850	9.5	190	75	12.7	21.6	0.4	6.9	860	784	5.6	0.014		1.58	14.5	3.2	<0.05	1410
	202B	6/1/2019	360	6.5	15	360	3.7	70.8	34.8	9.12	15.8	2.4	6.7	390	320	8.8	<0.008		1.68	4.66	1.5	<0.05	604
		8/1/2019	610	14	18	610	6.9	111	63.5	14.1	17.3	3.5	6.6	600	539	<4	<0.008		1.16	8.13	2.6	0.052	949
		10/1/2019	570	14	16	570	7.3	86.2	56.1	13.1	17	0.6	6.9	620	446	6.8	<0.008		0.538	5.89	2.3	0.24	917
	205A	6/1/2019	200	38	9.4	200	1.3	64.7	13.6	1.82	21.5	2.1	7.5	300	217	<4	<0.008		<0.1	0.16	<0.1	<0.05	484
		8/1/2019	210	41	7.9	210	1.3	62.3	14.4	1.84	22.1	4.5	7.3	280	215	<4	<0.008		0.112	0.913	0.13	<0.05	482
		10/1/2019	170	38	7.5	170	1.6	63.3	13.1	1.98	22.1	0.6	7.6	250	212	<4	<0.008		0.138	0.911	0.29	<0.05	454
	205B	6/1/2019	190	<2	4.3	190	1.1	58.5	13.5	1.24	9.01	2.1	7.4	220	202	<4	<0.008		<0.1	0.14	<0.1	<0.05	467
		8/1/2019	110	2.6	3.6	110	<1	27.3	6.88	<1	3.64	4.4	7.2	130	96.5	<4	<0.008		<0.1	0.0924	<0.1	<0.05	190
		10/1/2019	140	<2	3.9	140	1.2	43	9.89	1.16	4.93	0.5	7.9	170	148	<4	<0.008		<0.1	0.205	<0.1	<0.05	369
	206A	6/1/2019	810	16	2.3	810	17	70.5	106	66.2	20.1	2.1	6.7	730	614	24	0.122		19.6	2.62	23	0.2	470
		8/1/2019	1200	27	<1	1200	27	111	179	101	33.9	5.1	6.7	1200	1020	90	0.309		45.4	3.95	39	<0.05	2125
		10/1/2019	1600	30	<1	1600	34	147	232	129	44.3	0.5	6.9	1200	1320	96	0.316		49.2	4.19	47	<0.05	2490
	206B	6/1/2019	39	<2	4.1	39	1.5	14.4	4.12	4.2	1.54	10.6	7.2	81	53	<4	<0.008		<0.1	0.0182	<0.1	0.17	146
		8/1/2019	64	3	7.8	64	1.2	15.3	6.24	5.56	1.93	10.7	6.8	98	64	19	<0.008		2.43	0.194	<0.1	0.45	191
	301	6/1/2019	1000	77	44	1000	17	288	77.8	2.85	72.6	1.1	6.6	1300	1040	<4	<0.008		0.197	0.709	<0.1	<0.05	1896
		8/1/2019	1000	78	42	1000	17	269	79.4	3.2	82.3	2.5	6.6	1200	999	<4	<0.008		0.106	0.597	<0.1	<0.05	1867
		10/1/2019	1000	69	38	1000	17	282	77	3.2	80.8	0.3	6.8	1200	1020	<4	<0.008		0.166	0.631	<0.1	<0.05	1803
		11/1/2019					17																
	302B	6/1/2019	880	69	<1	880	25	230	63.6	4.22	61.1	12.5	6.6	1000	837	4.4	<0.008		<0.1	35.5	0.81	0.068	1591
		8/1/2019	900	76	<1	900	28	234	67.7	5.06	65.2	6	6.6	1100	863	<4	<0.008		<0.1	39.8	1.1	<0.05	1653
		10/1/2019	820	72	13	820	24	247	59.3	4.85	60.6	0.5	6.7	1000	861	<4	<0.008		<0.1	37.5	0.86	<0.05	1560
		11/1/2019		73																			
	302C	6/1/2019	870	60	<1	880	28	185	74	11.4	60.7	6.6	6.5	1100	767	<4	<0.008		0.167	55	4	<0.05	1483
		8/1/2019	900	61	<1	900	27	187	65.2	4.49	60.1	4.5	6.5	1000	736	<4	<0.008		1.11	<0.01	0.72	<0.05	1518
		10/1/2019	750	47	<1	750	23	178	60.1	8.28	55.2	0.4	6.7	860	692	<4	<0.008		0.673	44.9	1.9	<0.05	1305
		11/1/2019		46																			
	303A	6/1/2019	350	5.9	12	350	4.8	43.8	43	27.1	9.84	0.1	6.7	410	286	<4	<0.008		<0.1	6.83	5	2.5	830
		8/1/2019	350	6.9	16	350	3.9	40	34.1	26.2	8.22	3.9	6.6	370	240	<4	<0.008		<0.1	5.58	5.3	1.1	556
		10/1/2019	380	11	12	380	5.9	50.9	49.2	31.5	9.56	3.5	6.7	430	330	<4	<0.008		<0.1	8.19	5.7	<0.05	771
	303B	6/1/2019	220	3.1	12	220	3.4	29.1	26.5	19.9	6.37	2.4	6.7	260	182	<4	<0.008		<0.1	4.24	3.9	2.6	456
		8/1/2019	210	6.3	14	210	3.2	28.8	25.7	21	5.46	4.2	6.4	250	178	<4	<0.008		<0.1	4.34	3.2	1.8	423
		10/1/2019	430	15	9.6	430	7.6	63.7	62.2	33.8	13.9	4.2	6.4	490	415	<4	<0.008		<0.1	10.1	4.6	0.16	800
	304A	6/1/2019	120	3.7	12	120	<1	32.6	7	<1	10.7	4	8.2	170	110	<4	<0.008		<0.1	0.0066	<0.1	<0.05	241
		8/1/2019	120	3.1	14	120	<1	33.7	7.95	1	11.2	3.6	8.1	160	117	<4	<0.008		0.134	0.0327	<0.1	<0.05	233
		10/1/2019	120	3.3	12	120	<1	32.5	7.49	1.1	11.3	0.3	7.9	160	112	<4	<0.008		0.13	0.0264	<0.1	<0.05	275
		11/1/2019																			<0.1		
	304B	6/1/2019	45	3.8	2.3	45	<1	12.4	1.39	<1	8.54	13.5	7	110	36.7	5.2	<0.008		<0.1	0.015	<0.1	<0.05	104
		8/1/2019	55	6	4.6	55	<1	14.2	1.67	<1	9.81	9.5	7.2	77	42.4	47	<0.008		0.198	0.0337	<0.1	<0.05	124
		10/1/2019	49	5.3	4.2	49	<1	12.4	1.66	<1	8.36	4.4	7.5	65	37.7	47	<0.008		0.952	0.108	<0.1	<0.05	98
	401A	6/1/2019	100	10	24	100	<1	34.8	7.19	1.7	10.1	10.9	7.8	190	116	<4	0.141		<0.1	<0.005	<0.1	<0.05	370
		8/1/2019	100	11	24	100	<1	37.5	7.6	1.78	11	10.5	8.1	170	125	<4	0.148		<0.1	0.0055	<0.1	<0.05	270
		10/1/2019	110	8.9	24	110	<1	38.5	7.53	1.71	10.5	4.6	7.9	180	127	<4	0.135		<0.1	0.0053	<0.1	<0.05	272
	401B	6/1/2019	210	3.6	14	210	<1	61.6	9.64	1.88	13.4	2.4	8	250	194	<4	<0.008		<0.1	0.085	<0.1	<0.05	394
		8/1/2019	210	5.7	15	210	<1	61.8	9.59	1.91	13.8	4.4	8	260	194	<4	<0.008		<0.1	0.383	<0.1	<0.05	394
		10/1/2019	200	4.3	14	200	<1	65.1	10.3	2.11	15.2	0.7	8	260	205	<4	<0.008		<0.1	0.606	<0.1	<0.05	393
	402A	6/1/2019	130	36	6.5	130	1.5	50.5	14	<1	9.19	0.4	7.7	250	184	<4	<0.008		0.143	0.176	<0.1	<0.05	410
		8/1/2019	140	40	6.6	140	1.6	48.4	14.4	<1	9.38	6.8	7.9	240	180	<4	<0.008		0.228	0.175	<0.1	<0.05	385
		10/1/2019	130	34	7.4	130	1.9	48.4	13.6	<1	9.16	3	7.8	240	177	<4	<0.008		0.12	0.164	<0.1	0.44	376
	402B	6/1/2019	600	11	4.9	600	4.3	124	67.8	8.42	24.5	0.4	7	650	588	<4	<0.008		<0.1	0.452	<0.1	<0.05	1007
		8/1/2019	610	14	5.6	620	4.9	117	68	11.9	25.6	1.6	7.1	600	572	<4	<0.008		<0.1	0.891	<0.1	<0.05	1016
		10/1/2019	590	12	6.4	590	5	123	68.3	13.4	26.7	1.9	7	660	588	<4	<0.008		<0.1	1.32	<0.1	<0.05	1000
LEACHATE	LDS	6/1/2019	810	39	26	810	21	157	87.9	70.3	41.1	3.4	7.1	900	755	4.8	0.01		5.06	5.46	6.6	<0.05	1497
		8/1/2019	760	40	23	760	19	144	71	62.9	38.2	2.5	7.1	880	651	8	0.015		5.16	4.86	6	<0.05	1408
		10/1/2019	550	31	16	550	12	133	48.7	36.6	33	0.5	7.2	620	533	23	0.013		7.9	3.76	2.3	<0.05	1162
	LP	6/1/2019	630	20	23	630	19	118	62	59.7	20.9	12.4	7.4	680	551	17	0.01		3.46	4.63	7.5	0.18	1182
		8/1/2019	1100	51	<1	1100	45	110	133	143	54.6	6.6	7.9	1200	824	<4	0.015		1.88	1.7	16	<0.05	1875
		10/1/2019	850	39	35	850	30	115	99.4	108	40.9	5.4	7.7	950	696	6.8	0.012	0.107	3.69	2.68	12	0.68	1549
	LPD2	6/1/2019	45	<2	2.9	45	5.2	14.8	3.32	1.15	<1	8.5	7.8	76	50.5	<4	<0.008		1.28	0.0706	<0.1	<0.05	123
		8/1/2019	220	4.4	11	220	15	39.9	27.6	4.96	4.68	0.5	7.5	250	213	7.2	<0.008		3.18	1.04	4.5	<0.05	451
		10/1/2019	58	3.6	23	58	12	23.6	7.44	2.82	1.57	2.3	7.6	130	89.7	8	<0.008		3.62	1.02	1	2.7	231
SURFACE WATER		AWQC																	1				
	PBFB	6/1/2019	14	<2	<1	14	11	4.89	1.48	<1	1.65	7.5	7.9	48	18.3	<4	<0.008		0.511	0.0595	<0.1	<0.05	43
		8/1/2019	18	3.2	<1	18	9.1	4.38	1.58	<1	1.48	9.1	7.9	51	17.4	<4	<0.008		0.226	0.0267	<0.1	<0.05	48
		10/1/2019	12	3.5	<1	12	16	5.78	1.41	<1	1.73	7.6	7.7	44	20.2	7.2	<0.008		0.952	0.153	<0.1	0.06	
	PBFR	6/1/2019	24	2.3	<1	24	8.9	14.7	2.17	<1	2.44	5.8	7.3	48	45.6	<4	<0.008		0.267	0.548	<0.1	<0.05	156
		8/1/2019	20	4	<1	20	9	6.26	1.88	<1	1.9	8.1	8	55	23.4	<4	<0.008		0.133	0.0415	<0.1	<0.05	61
		10/1/2019	25	4.3	11	25	13	12	1.96	1.4	2.44	7.1	3.8	70	38.1	<4	<0.008		0.271	0.0405	<0.1	0.14	378
	SPO	6/1/2019	51	2.8	<1	52	15	20.8	2.55	1.44	2.26	8.5	7.5	96	62.5	16	<0.008		2.18	0.715	<0.1	<0.05	134
		10/1/2019	24	3.1	7.9	24	15	11.7	1.33	3.85	1.33	7.8	7.8	64	34.8	5.2	<0.008		0.331	0.0434	<0.1	0.34	105
	SPON	6/1/2019	310	11	34	310	15	93.6	24.9	10.9	13.8	3.4	7.3	400	336	5.6	<0.008		0.394	4.28	0.26	0.093	601
		8/1/2019	240	11	22	240	11	62.8	21	3.87	18.4	3	7.5	310	243	16	<0.008		1.55	1.95	<0.1	<0.05	481
		10/1/2019	170	3.7	89	170	16	87.8	11.1	4.36	3.85	7.9	7.7	330	265	7.6	<0.008		0.606	0.223	<0.1	0.52	473
	SPOS	6/1/2019	54	<2	<1	54	9.2	15.2	4.39	1.41	2.45	8.1	7.8	80	56	<4	<0.008		0.33	0.0919	<0.1	<0.05	111
		8/1/2019	88	2.5	<1	88	8.6	24.4	5.88	<1	3.34	9	8.1	120	85.2	<4	<0.008		0.704	0.211	<0.1	<0.05	169
		10/1/2019	47	3.1	<1	47	18	14	3.94	1.71	2.67	9.2	7.8	96	51.1	<4	<0.008		0.132	0.0265	<0.1	<0.05	106

TABLE 2

Mann-Kendall Trend Analysis

DOLBY LANDFILLS, East Millinocket

2010 through 2019

Sample Type	Well ID	Trend	Confidence Level	CALCIUM	MAGNESIUM	SODIUM	POTASSIUM	TOTAL ALKALINITY	ALKALINITY, BICARBONAT	ARSENIC	CHLORIDE	SULFATE	DISSOLVED OXYGEN	IRON	MANGANESE	NITRATE AS NITROGEN	PH	SPECIFIC CONDUCTANCE	TOTAL DISSOLVED SOLIDS	TOTAL ORGANIC CARBON
GROUNDWATER	103	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
	113	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE		FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	301	Down	0.95	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE
			0.99	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	TRUE
	104B	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE
			0.99	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	107A	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE
			0.99	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	202AR	Down	0.95	FALSE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE
			0.99	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	202B	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE
		Up	0.95	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	205A	Down	0.95	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE
			0.99	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	205B	Down	0.95	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	206A	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	206B	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	302B	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
			0.99	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
	302C	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
			0.99	TRUE	TRUE	TRUE	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE
	303A	Down	0.95	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	TRUE
			0.99	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	303B	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
	304A	Down	0.95	TRUE	TRUE	FALSE	TRUE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
			0.99	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	304B	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE

TABLE 2

Mann-Kendall Trend Analysis

DOLBY LANDFILLS, East Millinocket

2010 through 2019

Sample Type	Well ID	Trend	Confidence Level	CALCIUM	MAGNESIUM	SODIUM	POTASSIUM	TOTAL ALKALINITY	ALKALINITY, BICARBONAT	ARSENIC	CHLORIDE	SULFATE	DISSOLVED OXYGEN	IRON	MANGANESE	NITRATE AS NITROGEN	PH	SPECIFIC CONDUCTANCE	TOTAL DISSOLVED SOLIDS	TOTAL ORGANIC CARBON
		Up	0.95	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE
	401A	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE
			0.99	TRUE	TRUE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE
	401B	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE
		Up	0.95	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE
			0.99	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	TRUE	FALSE
	402A	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE
			0.99	TRUE	TRUE	TRUE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE
	402B	Down	0.95	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
			0.99	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE
		Up	0.95	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE
LEACHATE	LDS	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
	LP	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
	LPD2	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
SURFACE WATER	PBFB	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE
			0.99	TRUE	TRUE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	PBFR	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE
			0.99	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
	SPO	Down	0.95	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
	SPON	Down	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
	SPOS	Down	0.95	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE
		Up	0.95	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	TRUE	FALSE	TRUE	FALSE
			0.99	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	FALSE	TRUE	FALSE	FALSE	FALSE

APPENDIX F

SELF AUDIT CHECKLIST

SME
SEVEE & MAHER
ENGINEERS

State of Maine, Bureau of General Services
Dolby III Landfill Compliance Self-Audit Checklist

Report Year: 2020

General License Information

* Any new licenses or revisions issued to the facility during the year? ☐ Yes ☒ No

If yes, was the new license listed in the submitted facilities annual report? ☐ Yes ☐ No
List the new licenses: Minor Revision #S-000796-2D-AD-N for landfill cover upgrade.

Chapter 400 Requirements

* Was the annual report fee submitted with the annual report? ☐ Yes ☒ No

If no, reason the fee was not submitted: Direct inter governmental billing w/ service center.

Chapter 401, Section 4 Requirements

401.4.A Requirements

* Is the facilities operations manual being properly maintained? ☒ Yes ☐ No (This includes up-to-date certified copies to the Department and to key operating and management personnel of the landfill.)

If no, describe what is being done to bring the facility up to compliance: _____

* Is there a certified copy of the operations manual available for use at the facility at all times? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: Landfill not operating daily. Operations Manual with Landfill Operator and Subcontractors.

* Was the operations manual reviewed annually by the operator and updated as necessary? ☒ Yes (Date Reviewed:) ☐ No 4-27-2021

If no, describe what is being done to bring the facility up to compliance: _____

401.4.B Requirements

* Were operational personnel appropriately trained in relevant sections of the operations manual? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Are at least two key personnel trained in the operation of, and regulatory requirements for, the landfill facilities? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

401.4.C Requirements

* Were all waste excepted at the facility allowed under the current license and handled as described in the landfill's approved operations manual? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Was the facility operations manual, solid waste characterization plan, followed? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Access to the facility is 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 ☐ No

The hours of operation and other limitations to access are prominently posted at the entrance to the landfill. ☐ Yes ☒ No Landfill is closed. Gates are locked.

If no in either, describe what is being done to bring the facility up to compliance: _____

* Are access roads within the facility maintained and is the road maintenance program implemented to prevent the migration of dust, mud or waste from the facility on access, public or private roads? ☒ Yes ☐ No

Are access roads onto a cell of a landfill constructed and maintained to prevent the migration of leachate outside the cell? ☒ Yes ☐ No

If no in either, describe what is being done to bring the facility up to compliance: _____

* Is the facilities cell development plans up-to-date and submitted with the annual report? ☑ Yes ☐ No Only operating in temporary cell.

If no, describe what is being done to bring the facility up to compliance: _____

* Was the waste in the active landfill cell compacted at least once during the operating day? ☐ Yes ☒ No

If no, describe what is being done to bring the facility up to compliance: N/A

* Was daily, intermediate and phased final cover placed according to the facilities operating manual? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: Phase II of final capping planned for 2022.

401.4.C Requirements continued

* Was the facilities stormwater management and erosion control plan followed?
☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Was the facilities leachate management plan followed? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Was the facilities methane and H_2S gas monitoring program done quarterly and any exceedances of triggers reported to the Department within 24hrs? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Were required quarterly landfill inspections completed? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance:

* Was the facilities dust control plan followed? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Is the landfill operation equipment sufficient to meet operating requirements of this section? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Does the facility have proper fire and emergency plan? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Was the facilities hazardous and special waste handling and exclusion plan properly followed? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Was the facilities litter control plan properly followed? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

401.4.C Requirements continued

* Was the facilities quarterly groundwater and leachate reports submitted to the Department? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Are all the facilities operation records maintained on file as required? ☒ Yes ☐ No

If no, describe what is being done to bring the facility up to compliance: _____

* Was the facilities asbestos disposal plan followed? ☐ Yes ☒ No

If no, describe what is being done to bring the facility up to compliance: N/A

Evaluator

Landfill Manager
Title

27 April 2021
Date

APPENDIX G

WATER QUALITY DATA SUMMARY TABLES

SME
SEVEE & MAHER
ENGINEERS

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

(103)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
103											
4/27/2000	XX	103XX36643	24	6.24	3.3		434.32				
8/1/2000	XX	103XX36739	30	6.03	7		425.86		15.81	9.1	4.2
10/24/2000	XX	103XX36823	D	D	D						
5/8/2001	XX	103XX37019	25.7	6.04	5.4		432.35			11.2	2.3
7/24/2001	XX	103XX37096	D	D	D				18.86	D	D
10/16/2001	XX	103XX37180	D	D	D					D	
5/15/2002	XX	103XX37391	23	6.21	5		431.95			11.2	3.15
7/29/2002	XX	103XX37466	28	4.93	10.2		426.33		15.69	9.6	1.03
10/18/2002	XX	103XX37547	D	D	D					D	D
6/18/2003	XX	103XX37790	26.9	6.43	7.2		430.62			10.2	0.98
8/6/2003	XX	103XX37839	27.2	6.07	10.3		428.02		15.92	9	0.78
10/6/2003	XX	103XX37900	30.2	5.9	9.5		429.02			10.1	1.12
5/12/2004	XX	103XX38119	28.9	5.8	5.8		431.2			14.3	1.9
8/19/2004	XX	103XX38218	31	6.3	10.3		426.06		15.88	9.1	0.44
10/18/2004	XX	103XX38278	D	D	D					D	D
5/24/2005	XX	GW103X004	25.2	7.35	6.1	7.56	432.01	439.57		10.5	1
8/17/2005	XX	GW103X01G	31	6.13	6.7	14	425.57	439.57	15.92	10.5	0.8
10/13/2005	XX	GW103X038	D	D	D	D				D	D
5/15/2006	XX	GW103X084	26.1	6.49	5.3		432.85			9.7	1.4
8/7/2006	XX	GW103X06C	31	6.28	11.4		430.95		15.81	10.1	1.24
10/11/2006	XX	GW103X050	32	6.69	9.8		427.29			8.2	0.7
5/22/2007	XX	GW103X09G	28	6.67	5.9		432.42			10.4	0.6
8/21/2007	XX	GW103X0B9	D	D	D		D		16.05	D	D
11/1/2007	XX	GW103X0D1	34	5.67	9.6		428.26			9.8	1.6
5/28/2008	XX	GW103X0F9	29	5.63	8.1		429.35			9.6	1.9
8/26/2008	XX	GW103X0H9	32	5.3	10.5		429.21			8.9	1.4
10/28/2008	XX	GW103X0IH	34	5.47	9.7		429.21			8.7	0.8
5/18/2009	XX	GW103X10H	29	5.05	6.3	8.27	431.3	439.57		10.7	0.9
8/17/2009	XX	GW103X12H	30	4.58	11.7	9.41	430.16	439.57		8.4	2.7
10/29/2009	XX	GW103X145	31	5.48	8.8	9.29	346.49	439.57		9.44	1.2
6/10/2010	XX	GW103X166	30	7.15	8.1		428.48			8.8	1.01
8/19/2010	XX	GW103X187	D	D	D		424.22			D	D
10/26/2010	XX	GW103X19F	34	6.21	10		426.93			9.51	23.4
11/3/2011	XX	GW103X1I2	32	5.9	9.9	9.66	429.91	439.57	16.05	4	1.3
5/15/2012	XX	GW103X1JF	34	6	11.1	6.86	432.71	439.57	14.4	4	2.1
8/14/2012	XX	GW103X218	28	5.4	12.3	13.93	425.64	439.57		8	1.2
10/31/2012	XX	GW103X232	26	5.9	11.2	8.2	431.37	439.57	16.05	8	0
5/22/2013	XX	GW103X24G	28	6.7	7.3	10.01	429.56	439.57		6	0.6
7/25/2013	XX	GW103X26A	27	7.2	12.5	11.52	428.05	439.57		5	0
10/3/2013	XX	GW103X284	33	6.2	11.7	11.99	427.58	439.57	16.03	4	0.5
6/6/2014	XX	GW103X29I	27	5.8	7.6	9.9	429.67	439.57		2	0.4
8/22/2014	XX	GW103X2BC	32	6.7	11.3	14.48	425.09	439.57		1	0.2
11/14/2014	XX	GW103X2D6	27	7	7	9.43	430.14	439.57	16.1	2	1.4
6/5/2015	XX	GW103X2F2	30	7.6	7.5	8.12	431.45	439.57		10.4	0.4
9/2/2015	XX	GW103X2GH	30	9.1	10.2	13.58	425.99	439.57		8.9	0.05 U
11/5/2015	XX	GW103X2IB	28	6.6	9.5	8.83	430.74	439.57	16.08	9.8	0.1
6/13/2016	XX	GW103X321	29	5.9	7.6	11.57	428	439.57		9.2	2
9/19/2016	XX	GW103X33F	D	D	D	D	D	D		D	D

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

(103) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
11/7/2016	XX	GW103X359	D	D	D	D	D	D	16.09	D	D
6/12/2017	XX	GW103X374	28	6.3	9.9	9.5	430.07	439.57		10.5	5
8/28/2017	XX	GW103X38I	I	I	I	I	I	439.57		I	I
11/13/2017	XX	GW103X3AC	25	7	9.3	13.95	425.62	439.57	16.09	9.9	0.2
6/18/2018	XX	GW103X3C7	29	6.5	8.1	11.69	427.88	439.57		9.4	0.5
8/13/2018	XX	GW103X3D2	I	I	I	I	I	439.57		I	I
11/26/2018	XX	GW103X3FF	A	A	A	A	A	439.57		A	A
6/3/2019	XX	GW103X3HA	59	7.6	11.7	8.02	431.55	439.57		12.7	1.1
8/12/2019	XX	GW103X3I5	45	7	12.2	13.35	426.22	439.57		12.3	1.1
10/23/2019	XX	GW103X40I	D	D	D	D		439.57		D	D
6/15/2020	XX	GW103X42D	90	6.6	11.2	11.5	428.07	439.57		8.6	1.1
8/3/2020	XX	GW103X438	I	I	I	I		439.57		I	I
10/19/2020	XX	GW103X461	D	D	D	D		439.57	16.04	D	D
104B											
4/27/2000	XX	104BXX36643	150	8.17	3.5		426.44				
8/1/2000	XX	104BXX36739	137	8.07	5		422.38		32.58	1.2	0.8
10/24/2000	XX	104BXX36823	132	8.22	7		421.04			0.6	0.3
5/8/2001	XX	104BXX37019	150	8.13	7.2		424.71			1	5.5
7/24/2001	XX	104BXX37096	139	8.3	9.8		420.75		32.54	0.8	0.35
10/16/2001	XX	104BXX37180	144	8.14	7.8		418.82			1.1	0.64
5/15/2002	XX	104BXX37391	152	7.89	5.8		424.72			2.1	0.22
7/29/2002	XX	104BXX37466	149	7.77	8.8		421.79		32.52	1	0.73
10/15/2002	XX	104BXX37544	150	7.62	7.2		419.28			1.8	0.3
6/19/2003	XX	104BXX37791	161	8.17	7.3		424.43			0.7	0.2
8/5/2003	XX	104BXX37838	149	7.94	8.7		423.57		32.58	0.8	0.41
10/7/2003	XX	104BXX37901	153.6	8.12	7.5		424.28			1.6	0.3
4/26/2004	XX	104BXX38103	156.2	7.18	5.3		425.12			1.1	0.33
8/9/2004	XX	104BXX38208	144	7.56	8.7		422.148		32.61	1.3	0.4
10/11/2004	XX	104BXX38271	144	8.09	8.2		421.49			0.8	0.44
5/24/2005	XX	GW104B005	143	8.31	6.2	10.81	424.92	435.73		4	0.1
8/1/2005	XX	GW104B01H	142	7.52	8	13.41	422.32	435.73	32.58	0.9	0.6
10/25/2005	XX	GW104B039	142	7.22	7.9	10.16	425.57	435.73		1.3	0.5
5/10/2006	XX	GW104B085	138.9	6.96	6.2		425.2			1.2	0.58
7/24/2006	XX	GW104B06D	141	6.82	8.4		424.44		32.52	1	0.4
10/10/2006	XX	GW104B051	139	7.68	8.1		422.63			0.7	0.6
5/10/2007	XX	GW104B09H	138	6.92	6.8		425.13			1.5	0.7
8/6/2007	XX	GW104B0BA	139	7.52	7.2		421.88		32.58	1	0.3
10/24/2007	XX	GW104B0D2	140	7.14	7.7		422.37			0.7	0.7
5/28/2008	XX	GW104B0FA	142	7.69	6.6		423.98			0.6	0.3
8/11/2008	XX	GW104B0HA	140	7.09	8.4		424.97			0.5	0.4
10/15/2008	XX	GW104B0II	138	7.52	7.9		424.97			0.9	0.7
5/6/2009	XX	GW104B10I	142	6.34	6.2	10.96	424.77	435.73		1	0.6
8/4/2009	XX	GW104B12I	142	6.8	8.3	9.41	426.32	435.73		0.7	0.7
10/19/2009	XX	GW104B146	140	6.65	7.4	12.34	423.39	435.73		1.1	0.4
5/25/2010	XX	GW104B167	143	6.64	7.5		423.37			0.86	0.19
8/2/2010	XX	GW104B188	144	7.36	8.1		421.11			0.98	0.55
10/12/2010	XX	GW104B19G	146	7.68	7.9		421.84			0.68	0.4
5/16/2011	XX	GW104B1DI	132	7.8	5.9	10.22	425.51	435.73	32.48	1	0.2
8/9/2011	XX	GW104B1F9	149	7.65	12.1	14.72	421.01	435.73	32.4	1	0.2

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

(104B)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Dissolved Oxygen	Turbidity (field)						
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mg/L	NTU						
11/3/2011	XX	GW104B1H0	145	7.4	7.4	11.52	424.21	435.73	32.6	1	0.2						
5/14/2012	XX	GW104B1IE	146	7.9	8.2	10.24	425.49	435.73	32.42	1	0.6						
8/14/2012	XX	GW104B207	113	7.8	11.7	14.76	420.97	435.73		2	0.2						
10/31/2012	XX	GW104B221	143	7.4	10.8	10.55	425.18	435.73	32.6	0.8	0						
5/22/2013	XX	GW104B23F	144	7.3	7.7	11.35	424.38	435.73		1	0.8						
7/23/2013	XX	GW104B259	145	7.9	16	11.83	423.9	435.73		0.2	0.2						
10/1/2013	XX	GW104B273	140	7.8	11.7	11.3	424.43	435.73	32.42	1	0.5						
6/4/2014	XX	GW104B28H	143	7.7	9.3	11.55	424.18	435.73		1	0.2						
8/19/2014	XX	GW104B2AB	139	7.8	12.8	12.84	422.89	435.73		0.8	0.2						
11/12/2014	XX	GW104B2C5	145	8	7.9	10.56	425.17	435.73	32.55	1	0.2						
6/3/2015	XX	GW104B2E1	151	8	7.2	10.61	425.12	435.73		0.7	0.2						
9/2/2015	XX	GW104B2FG	131	8	11.6	12.24	423.49	435.73		0.9	0.3						
11/4/2015	XX	GW104B2HA	150	8.2	9.3	10.61	425.12	435.73	32.6	0.5	0.2						
6/14/2016	XX	GW104B310	140	7.8	8.9	11.86	423.87	435.73		0.9	0.4						
9/20/2016	XX	GW104B32E	147	8	10.6	16.25	419.48	435.73		0.7	0.3						
11/8/2016	XX	GW104B348	141	7.9	9	16.26	419.47	435.73	32.6	0.8	0.1						
6/14/2017	XX	GW104B363	137	8.1	9.2	11.99	423.74	435.73		0.8	0.5						
8/30/2017	XX	GW104B37H	153	8.2	8.9	15.98	419.75	435.73		0.8	0.2						
11/15/2017	XX	GW104B39B	150	8	8	11.4	424.33	435.73	32.6	0.4	0.2						
6/19/2018	XX	GW104B3B6	167	8.5	8	12.95	422.78	435.73		0.8	0.4						
8/14/2018	XX	GW104B3DF	171	8.1	9.9	13.38	422.35	435.73		0.6	0.3						
11/27/2018	XX	GW104B3EE	174	8.3	7.4	11.1	424.63	435.73	32.58	0.3	0.5						
6/4/2019	XX	GW104B3G9	140	7.8	8.9	10.97	424.76	435.73		4.6	0.4						
8/14/2019	XX	GW104B3II	140	8.3	9.3	14.02	421.71	435.73		5.5	0.2						
10/22/2019	XX	GW104B3JH	162	7.1	8.9	13.5	422.23	435.73		5	0.3						
6/16/2020	XX	GW104B41C	151	7.8	10.9	12.88	422.85	435.73		3.4	0.4						
8/4/2020	XX	GW104B441	124	7.1	10	15.7	420.03	435.73		2.2	0.3						
10/20/2020	XX	GW104B450	128	7.8	8.5	15.27	420.46	435.73	32.65	1.5	0.3						
107A																	
5/3/2000	XX	107AXX36649	1263	6.69	4.4		352.78										
8/10/2000	XX	107AXX36748	987	6.5	7		350.44		22.19	0.51	0.2						
11/9/2000	XX	107AXX36839	807	6.76	9		350.66			0.53	0.3						
5/16/2001	XX	107AXX37027	1083	6.58	7.1		351.59			0.4	0.1						
8/1/2001	XX	107AXX37104	1948	6.41	12.4		349.87		22.31	0.8	0.1						
10/24/2001	XX	107AXX37188	2620	6.63	11		350.19			0.8	0.3						
5/22/2002	XX	107AXX37398	2520	6.77	10.5		352.06			0.7	0.6						
8/2/2002	XX	107AXX37470	2710	6.52	12.4		350.61		22.31	0.4	0.3						
10/23/2002	XX	107AXX37552	2230	6.79	9.9		350.68			0.5	0.3						
6/24/2003	XX	107AXX37796	2220	6.56	10.6		351.52			0.3	0.2						
8/13/2003	XX	107AXX37846	2150	6.59	11.6		351.32		22.19	0.5	0.22						
10/16/2003	XX	107AXX37910	1967	6.66	10		351.89			0.7	0.34						
5/13/2004	XX	107AXX38120	1042	6.82	4.5		351.91			1.2	0.44						
8/2/2004	XX	107AXX38201	835	6.89	13		350.94		22.24	0.7	0.22						
10/19/2004	XX	107AXX38279	897	6.92	11.6		350.74			0.5	0.49						
5/10/2005	XX	GW107A006	1305	6.59	8.6	2.87	353.22	356.09		0.9	0.3						
7/27/2005	XX	GW107A01I	1375	6.4	11.6	5.23	350.86	356.09	22.23	1.5	0.3						
10/27/2005	XX	GW107A03A	1178	6.5	9.5	2.78	353.31	356.09		0.5	0.4						
5/3/2006	XX	GW107A086	697	6.75	6.5		352.57			0.8	0.42						
8/1/2006	XX	GW107A06E	597	6.79	12.7		351.44		22.03	0.6	0.5						

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

(107A)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Dissolved Oxygen	Turbidity (field)						
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mg/L	NTU						
10/25/2006	XX	GW107A052	562	6.8	10.2		351.91			0.1	0.6						
5/8/2007	XX	GW107A09I	526	6.78	6.8		352.89			0.6	0.3						
8/7/2007	XX	GW107A0BB	609	6.74	11.2		350.59		22.21	0.85	0.3						
10/31/2007	XX	GW107A0D3	843	6.6	10.3		350.71			2	0.5						
5/28/2008	XX	GW107A0FB	819	6.56	8.5		351.61			0.4	0.4						
8/18/2008	XX	GW107A0HB	699	6.42	12.2		351.82			0.1	0.4						
10/23/2008	XX	GW107A0IJ	615	6.52	9		351.82			0.6	0.3						
5/12/2009	XX	GW107A10J	503	6.43	8.6	3.58	352.51	356.09		0.58	0.1						
8/11/2009	XX	GW107A12J	555	5.98	12.3	3.93	352.16	356.09		0.39	1.5						
10/26/2009	XX	GW107A147	616	6.62	8.9	4.44	351.65	356.09		0.1	0.6						
6/2/2010	XX	GW107A168	520	6.79	9.5		351.06			0.59	0.27						
8/5/2010	XX	GW107A189	600	6.28	12.2		349.97			0.31	0.4						
10/18/2010	XX	GW107A19H	961	6.4	10.6		350.97			0.11	0.28						
5/18/2011	XX	GW107A1D8	970	6.2	12.2	2.9	353.19	356.09	22.1	1	0						
8/9/2011	XX	GW107A1EJ	800	6.33	15.1	5.74	350.35	356.09	22.04	1	0.4						
11/2/2011	XX	GW107A1GA	713	6.5	6.1	4.52	351.57	356.09	22.23	1	0.6						
5/17/2012	XX	GW107A1I4	813	6.5	10.1	3.28	352.81	356.09	22.04	1	0						
8/14/2012	XX	GW107A1JH	890	6.2	17.5	6.04	350.05	356.09		1	0.4						
10/31/2012	XX	GW107A21B	1117	6.7	13.1	3.66	352.43	356.09	22.2	1	0						
5/21/2013	XX	GW107A235	1301	6.5	10.8	4.44	351.65	356.09		0.8	0.1						
7/22/2013	XX	GW107A24J	1080	6.5	15.3	5.2	350.89	356.09		0.8	0.2						
10/1/2013	XX	GW107A26D	925	6.6	17.4	5.79	350.3	356.09	22.23	1	0.5						
6/4/2014	XX	GW107A287	477	7	10.3	4.4	351.69	356.09		0.8	0.8						
8/19/2014	XX	GW107A2A1	787	6.8	15.9	5.53	350.56	356.09		0.6	0.6						
11/12/2014	XX	GW107A2BF	999	6.7	8.2	4.5	351.59	356.09	22.02	0.8	0.6						
6/3/2015	XX	GW107A2DB	773	6.7	8.1	3.7	352.39	356.09		0.6	0.3						
9/2/2015	XX	GW107A2F6	1118	6.6	15.8	4.95	351.14	356.09		0.7	0.3						
11/4/2015	XX	GW107A2H0	1246	6.7	9.4	3.92	352.17	356.09	22.04	0.9	0.7						
6/15/2016	XX	GW107A30A	655	6.6	10.4	4.66	351.43	356.09		0.5	0.6						
9/20/2016	XX	GW107A324	627	6.8	14.6	6.55	349.54	356.09		0.4	0.4						
11/8/2016	XX	GW107A33I	816	6.7	11.3	6.04	350.05	356.09	22.22	0.2	0.5						
6/14/2017	XX	GW107A35D	1271	6.5	9.5	4.51	351.58	356.09		0.4	3.1						
8/29/2017	XX	GW107A377	1543	6.7	12.9	6.35	349.74	356.09		0.5	0.3						
11/15/2017	XX	GW107A391	1415	6.7	9.6	4.65	351.44	356.09	22.22	0.6	0.5						
6/19/2018	XX	GW107A3AG	896	7	10.1	5.2	350.89	356.09		0.3	1.3						
8/16/2018	XX	GW107A3D5	1258	7.2	11.8	5.28	350.81	356.09		0.6	0.5						
11/28/2018	XX	GW107A3E4	1038	7.3	6.9	5.28	350.81	356.09	22.22	0.4	0.5						
6/5/2019	XX	GW107A3FJ	653	7.2	11.1	3.74	352.35	356.09		0.1 U	0.4						
8/14/2019	XX	GW107A3I8	1000	6.9	13.5	5.43	350.66	356.09		3.5	0.4						
10/23/2019	XX	GW107A3J7	914	7.1	9.6	6.86	349.23	356.09		0.5	0.8						
6/17/2020	XX	GW107A412	565	7	12.7	6.95	349.14	356.09		0.5	0.6						
8/4/2020	XX	GW107A43B	760	6.7	14.7	6.16	349.93	356.09		0.7	0.5						
10/22/2020	XX	GW107A44A	1190	7	11	5.19	350.9	356.09	22.22	0.9	0.6						
113																	
4/27/2000	XX	113XX36643	1216	6.73	3.2		393										
8/1/2000	XX	113XX36739	1439	6.43	9		391.58		21.44	0.6	0.7						
11/8/2000	XX	113XX36838	1241	6.48	8		391.46			0.54	0.5						
5/8/2001	XX	113XX37019	1278	6.4	7.5		392.46			0.6	0.9						
7/24/2001	XX	113XX37096	1338	6.4	11.3		391.11		21.47	0.7	1.68						

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

(113)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/16/2001	XX	113XX37180	1348	6.36	9.4		390.77			0.9	0.54
5/15/2002	XX	113XX37391	1279	6.36	5.4		392.67			0.9	0.27
7/31/2002	XX	113XX37468	1504	6.37	11.1		391.73		21.28	0.4	2.67
10/18/2002	XX	113XX37547	1465	6.4	8.9		391.04			0.5	0.5
6/18/2003	XX	113XX37790	1442	6.4	7.5		392.44			0.3	0.75
8/6/2003	XX	113XX37839	1448	6.42	10		392.28		21.44	0.5	1.32
10/6/2003	XX	113XX37900	1453	6.38	9.5		392.49			1.3	0.5
5/12/2004	XX	113XX38119	1411	6.48	6.4		392.44			0.6	0.46
8/19/2004	XX	113XX38218	1396	6.32	9.6		391.94		21.46	2.1	1.62
10/18/2004	XX	113XX38278	1326	6.4	8.9		391.6			0.7	0.87
5/24/2005	XX	GW113X008	1106	6.43	5.7	4.03	392.59	396.62		0.7	0.6
8/17/2005	XX	GW113X020	1279	6.3	6.8	5.26	391.36	396.62	21.46	0.8	1.1
10/13/2005	XX	GW113X03C	1275	6.15	6.1	4.21	392.41	396.62		0.7	0.6
5/15/2006	XX	GW113X088	1201	6.4	6.1		392.64			1.3	0.66
8/7/2006	XX	GW113X06G	1244	6.34	10.7		392.22		21.42	1.2	2.5
10/11/2006	XX	GW113X054	1240	6.38	9.4		391.33			0.2	0.6
5/22/2007	XX	GW113X0A0	1131	6.4	6.2		392.66			0.1	0.4
8/21/2007	XX	GW113X0BD	1224	6.32	8.9		390.9		21.45	0.1	0.9
11/1/2007	XX	GW113X0D5	1182	6.43	9.2		391.97			0.6	0.6
5/28/2008	XX	GW113X0FD	1212	6.33	8.3		392.21			0.1	0.9
8/26/2008	XX	GW113X0HD	1236	6.41	9.9		392.23			0.1	0.6
10/28/2008	XX	GW113X0J1	1209	6.26	9.2		392.23			0.2	0.8
5/18/2009	XX	GW113X111	1112	6.32	6.1	4.12	392.5	396.62		0.1	0.8
8/17/2009	XX	GW113X131	1154	6.08	10.7	4.35	392.27	396.62		0.1	1.3
10/29/2009	XX	GW113X149	1178	6.26	8.3	4.12	392.5	396.62		0.1	1
6/10/2010	XX	GW113X16A	1121	6.24	7.6		391.23			0.1	0.68
8/19/2010	XX	GW113X18B	1139	6.1	10.2		390.15			0.33	0.53
10/26/2010	XX	GW113X19J	1118	6.14	9.5		392.07			0.1	0.47
11/4/2011	XX	GW113X1I3	1105	6.3	7.8	4.19	392.43	396.62	21.5	1	0.7
5/17/2012	XX	GW113X1JG	972	6.4	8.5	4.02	392.6	396.62	21.3	1	0
8/14/2012	XX	GW113X219	1000	6	14.4	4.92	391.7	396.62		3	1.8
10/31/2012	XX	GW113X233	1015	6.5	12.1	3.8	392.82	396.62	21.45	1	0
5/22/2013	XX	GW113X24H	988	6	8.6	4.22	392.4	396.62		1	0.4
7/25/2013	XX	GW113X26B	1001	6.2	11.7	4.43	392.19	396.62		1	0
10/3/2013	XX	GW113X285	985	6.4	11	4.4	392.22	396.62	21.43	1	0.2
6/6/2014	XX	GW113X29J	925	6.4	9.4	4.2	392.42	396.62		1	0.5
8/22/2014	XX	GW113X2BD	936	6.7	12.1	5.01	391.61	396.62		1	0.3
11/14/2014	XX	GW113X2D7	924	6.6	7.7	4.05	392.57	396.62	21.49	1	0.5
6/5/2015	XX	GW113X2F3	1049	6.4	8.7	4.03	392.59	396.62		1.2	0.4
9/2/2015	XX	GW113X2GI	972	6.9	11.2	4.64	391.98	396.62		1	0.2
11/5/2015	XX	GW113X2IC	929	6.1	8.9	4.05	392.57	396.62	21.49	0.7	0.2
6/13/2016	XX	GW113X322	989	6.2	8.5	4.37	392.25	396.62		0.6	0.5
9/19/2016	XX	GW113X33G	950	6.7	12.5	6.44	390.18	396.62		0.6	0.3
11/7/2016	XX	GW113X35A	948	6.5	8.7	6.42	390.2	396.62	21.48	0.6	0.2
6/12/2017	XX	GW113X375	924	6.4	9.8	4.19	392.43	396.62		0.1	4.2
8/28/2017	XX	GW113X38J	1094	6.6	11.2	5.41	391.21	396.62		0.8	0.3
11/13/2017	XX	GW113X3AD	1023	6.3	8.6	4.18	392.44	396.62	21.48	1.5	0.2
6/18/2018	XX	GW113X3C8	1080	6.6	9.2	4.5	392.12	396.62		1.4	0.3
8/13/2018	XX	GW113X3D3	1262	6.4	13.9	4.88	391.74	396.62		0.5	0.5
11/26/2018	XX	GW113X3FG	A	A	A	A	A	396.62		A	A

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

(113) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
6/3/2019	XX	GW113X3HB	910	7.1	12.2	4.15	392.47	396.62		9.9	0.5
8/12/2019	XX	GW113X3I6	767	6.9	15.3	4.39	392.23	396.62		3.2	1.2
10/23/2019	XX	GW113X40J	777	7.3	10.4	5.34	391.28	396.62		8.3	0.5
6/15/2020	XX	GW113X42E	683	6.9	11.4	5.4	391.22	396.62		3.2	0.8
8/3/2020	XX	GW113X439	806	6.8	19.9	6.05	390.57	396.62		5	0.5
10/19/2020	XX	GW113X462	998	6.8	11.5	5.36	391.26	396.62	21.5	7.6	1.7
202AR											
4/27/2000	XX	202ARXX36643	1804	6.65	3.7		413.27				
8/2/2000	XX	202ARXX36740	1767	6.72	7		410.84		84.33	0.47	0.2
10/24/2000	XX	202ARXX36823	1739	6.71	6		409.82			0.4	0.2
5/9/2001	XX	202ARXX37020	1912	6.62	7.2		412.01			0.6	0.3
7/24/2001	XX	202ARXX37096	1785	6.58	10.8		408.7		84.25	0.5	0.2
10/16/2001	XX	202ARXX37180	1929	6.53	9.3		407.89			3.1	0.2
5/16/2002	XX	202ARXX37392	1947	6.61	7.1		413.12			1	0.27
7/31/2002	XX	202ARXX37468	1853	6.57	11.1		410.15		84.22	1.2	0.53
10/16/2002	XX	202ARXX37545	1915	6.63	7.6		408.32			4	0.2
6/17/2003	XX	202ARXX37789	1995	6.59	8		412.37			0.2	1.7
8/6/2003	XX	202ARXX37839	1851	6.61	10.1		411.54		84.07	0.4	0.43
10/8/2003	XX	202ARXX37902	1906	6.62	8.1		412.43			1.7	0.31
4/28/2004	XX	202ARXX38105	1930	6.62	5.4		412.42			2.4	0.22
8/11/2004	XX	202ARXX38210	1806	6.49	9.3		409.4		84.32	2.4	0.26
10/12/2004	XX	202ARXX38272	1786	6.52	8.2		409.05			2	0.41
5/19/2005	XX	GW202A009	1717	6.58	6.6	1.91	412.03	413.94		3.8	0.2
8/4/2005	XX	GW202A021	1680	6.56	5.8	4.22	409.72	413.94	84.25	0.6	0.4
10/25/2005	XX	GW202A03D	1781	6.57	7.8	1.47	412.47	413.94		0.3	0.3
5/9/2006	XX	GW202A089	1687	6.56	6.4		411.62			1.4	0.49
7/25/2006	XX	GW202A06H	1680	6.52	10.5		411.02		84.05	0.6	0.4
10/19/2006	XX	GW202A055	1686	6.64	8.7		411.36			0.1	0.4
5/10/2007	XX	GW202A0A1	1673	6.53	8.3		411.23			0.2	0.6
8/6/2007	XX	GW202A0BE	1669	6.49	9.6		408.42		84.25	0.1	0.4
10/25/2007	XX	GW202A0D6	1746	6.57	8		410.46			0.4	0.5
5/29/2008	XX	GW202A0FE	1656	6.64	6.7		410.63			0.1	0.4
8/12/2008	XX	GW202A0HE	1713	6.54	10.4		411.72			0.1	0.7
10/16/2008	XX	GW202A0J2	1595	6.54	8.6		411.72			1.4	0.5
5/4/2009	XX	GW202A112	1693	6.46	7	2.64	411.3	413.94		0.3	0.2
8/5/2009	XX	GW202A132	1689	6.06	10.7	2.14	411.8	413.94		0.2	0.5
10/20/2009	XX	GW202A14A	1643	6.34	7.5	3.6	410.34	413.94		0.1	0.4
5/26/2010	XX	GW202A16B	1577	6.33	9.4		409.66			5.56	0.25
8/2/2010	XX	GW202A18C	1628	6.33	10.1		407.83			0.42	0.54
10/12/2010	XX	GW202A1A0	1693	6.44	8.4		410.31			0.42	0.42
5/17/2011	XX	GW202A1DJ	1515	6.5	6.2	2.04	411.9	413.94	84.08	1	0.7
8/10/2011	XX	GW202A1FA	1602	6.43	11.3	5.97	407.97	413.94	84.1	1	0.2
11/3/2011	XX	GW202A1H1	1648	6.5	7.8	2.98	410.96	413.94	84.25	1	0.2
5/16/2012	XX	GW202A1IF	1527	6.5	9.8	2.53	411.41	413.94	84.06	0.6	0
8/15/2012	XX	GW202A208	1524	6.5	12.1	6.35	407.59	413.94		0.4	0.2
10/31/2012	XX	GW202A222	1546	6.7	12.1	2.1	411.84	413.94	84.3	0.4	0
5/20/2013	XX	GW202A23G	1579	6.6	8.8	3.65	410.29	413.94		1	0.3
7/23/2013	XX	GW202A25A	1540	6.5	12.3	5.29	408.65	413.94		1	0.2
10/2/2013	XX	GW202A274	1514	6.7	11.2	4.24	409.7	413.94	84.29	0.3	0.2

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

(202AR)			Specific Conductance	pH	Temperature	Water Level Depth	Water Level Elevation	Water Level Reference Point	Well Depth	Dissolved Oxygen	Turbidity (field)						
Date	Type	Sample ID	µmhos/cm @25°C	STU	Deg C	Feet	Feet	Feet	Feet	mg/L	NTU						
6/3/2014	XX	GW202A28I	1496	6.5	11.3	4.3	409.64	413.94		1	1.3						
8/19/2014	XX	GW202A2AC	1459	6.8	11.3	5.96	407.98	413.94		0.8	0.1						
11/12/2014	XX	GW202A2C6	1437	6.7	7.5	3.11	410.83	413.94	84.18	1	0.2						
6/2/2015	XX	GW202A2E2	1654	6.5	7	3.48	410.46	413.94		0.4	0.3						
9/2/2015	XX	GW202A2FH	1429	6.5	12.1	5.44	408.5	413.94		0.5	0.05 U						
11/3/2015	XX	GW202A2HB	1475	6.5	7.9	3.35	410.59	413.94	84.3	0.1	0.2						
6/14/2016	XX	GW202A311	1433	6.4	10.9	4.52	409.42	413.94		0.7	1.5						
9/22/2016	XX	GW202A32F	1458	6.5	10.1	8.87	405.07	413.94		0.8	0.5						
11/9/2016	XX	GW202A349	1460	6.5	8.6	9.12	404.82	413.94	84.2	0.1	0.1						
6/13/2017	XX	GW202A364	1400	6.6	10.3	4.33	409.61	413.94		3	0.8						
8/30/2017	XX	GW202A37I	1435	6.4	9.4	7.45	406.49	413.94		0.3	0.8						
11/16/2017	XX	GW202A39C	1394	6.8	7.4	7.56	406.38	413.94	84.2	0.6	0.5						
6/20/2018	XX	GW202A3B7	1586	6.7	9.6	4.96	408.98	413.94		0.5	0.3						
8/14/2018	XX	GW202A3DG	1570	6.6	10.5	5.54	408.4	413.94		0.3	0.1						
11/27/2018	XX	GW202A3EF	F	F	F	F	F	413.94		F	F						
6/4/2019	XX	GW202A3GA	1418	6.6	9	3.93	410.01	413.94		2.8	1.2						
8/13/2019	XX	GW202A3IJ	1403	6.6	11.6	5.72	408.22	413.94		1.6	0.3						
10/24/2019	XX	GW202A3JI	1410	6.9	8	4.13	409.81	413.94		0.4	0.2						
6/16/2020	XX	GW202A41D	1273	6.6	9	5.25	408.69	413.94		0.5	0.6						
8/5/2020	XX	GW202A442	1272	6.5	11	7.5	406.44	413.94		0.4	0.4						
10/22/2020	XX	GW202A451	1276	6.8	9.3	4.65	409.29	413.94	84.32	1.5	0.5						
202B																	
4/27/2000	XX	202BXX36643	929	6.68	3.6		409.98										
8/2/2000	XX	202BXX36740	1566	6.55	9		407.94		12.15	0.4	2.4						
10/24/2000	XX	202BXX36823	1910	6.59	8		407.42			0.4	3.9						
5/9/2001	XX	202BXX37020	1298	6.45	6.8		409.11			0.4	9						
7/25/2001	XX	202BXX37097	1875	6.49	12.3		405.94		12.13	0.6	4.42						
10/16/2001	XX	202BXX37180	1548	6.61	11.1		405.25			0.6	1.75						
5/16/2002	XX	202BXX37392	1207	6.39	6.2		410.08			1.4	0.76						
7/31/2002	XX	202BXX37468	1661	6.42	12.8		407.4		12.13	0.4	3.31						
10/16/2002	XX	202BXX37545	1576	6.68	9.4		405.64			0.7	8.1						
6/17/2003	XX	202BXX37789	1285	6.53	8.1		409.24			0.3	4.7						
8/6/2003	XX	202BXX37839	1394	6.52	12.8		408.58		12.15	0.4	1.21						
10/8/2003	XX	202BXX37902	1648	6.48	10.6		409.36			0.7	3.42						
4/28/2004	XX	202BXX38105	1200	6.54	5.5		409.25			1.7	1.91						
8/11/2004	XX	202BXX38210	1732	6.42	12.1		406.54		12.14	1.1	1.6						
10/12/2004	XX	202BXX38272	1828	6.45	10		406.24			0.7	2.61						
5/19/2005	XX	GW202B00A	883	6.53	6.2	5.49	408.87	414.36		0.8	6.4						
8/4/2005	XX	GW202B022	1300	6.45	8.1	7.42	406.94	414.36	11.37 Z3	1.2	19.1						
10/25/2005	XX	GW202B03E	1345	6.5	9.2	5.01	409.35	414.36		0.7	48.9						
5/9/2006	XX	GW202B08A	917	6.57	5.4		408.59			0.9	49.2						
7/25/2006	XX	GW202B06I	1066	6.42	12.3		408.08		11.24	1.1	35.3						
10/19/2006	XX	GW202B056	1399	6.52	10.1		408.49			0.3	35.4						
5/10/2007	XX	GW202B0A2	865	6.52	6.6		408.17			0.1	29.1						
8/6/2007	XX	GW202B0BF	1377	6.7	12.5		405.83		11.41	6.29	48.7						
10/25/2007	XX	GW202B0D7	1214	6.6	9.7		407.76			0.6	7.5						
5/29/2008	XX	GW202B0FF	822	6.64	6.9		407.48			0.6	9.4						
8/26/2008	XX	GW202B0HF	880	6.48	13		408.6			0.3	12.6						
10/16/2008	XX	GW202B0J3	1153	6.4	10.4		408.6			0.8	23.7						

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

(202B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
5/4/2009	XX	GW202B113	822	6.41	6	6.46	407.9	414.36		0.48	27.4
8/5/2009	XX	GW202B133	864	5.96	13.4	5.92	408.44	414.36		0.41	28.2
10/20/2009	XX	GW202B14B	1255	6.18	8.9	7.1	407.26	414.36		0.1	64.7
5/26/2010	XX	GW202B16C	912	6.56	9.4		406.55			0.19	11.6
8/2/2010	XX	GW202B18D	1260	6.33	12.8		404.85			0.66	3.88
10/12/2010	XX	GW202B1A1	867	6.5	10.7		407.29			0.98	3.31
5/17/2011	XX	GW202B1E0	650	6.5	5.5	5.62	408.74	414.36	11.25	1	4.1
8/10/2011	XX	GW202B1FB	1290	6.37	13.6	9.16	405.2	414.36	11.25	1	3
11/3/2011	XX	GW202B1H2	886	6.5	9.3	6.65	407.71	414.36	11.5	1	1.2
5/16/2012	XX	GW202B1IG	710	6.5	8.8	6.1	408.26	414.36	11.27	0.4	6
8/15/2012	XX	GW202B209	1125	6.4	15.4	9.5	404.86	414.36		0.6	0.6
10/31/2012	XX	GW202B223	807	6.7	12.8	5.56	408.8	414.36	11.53	0.6	0
5/20/2013	XX	GW202B23H	751	6.6	8.5	7.02	407.34	414.36		4	11.1
7/23/2013	XX	GW202B25B	853	6.4	13.4	8.76	405.6	414.36		2	2.9
10/2/2013	XX	GW202B275	973	6.7	13.8	7.31	407.05	414.36	11.48	0.8	0.2
6/3/2014	XX	GW202B28J	842	6.6	10.6	7.92	406.44	414.36		2	5.3
8/19/2014	XX	GW202B2AD	1162	6.7	12.9	9.15	405.21	414.36		0.8	0.3
11/12/2014	XX	GW202B2C7	1162	6.6	8	6.6	407.76	414.36	11.42	2	0.2
6/2/2015	XX	GW202B2E3	793	6.6	7.8	6.65	407.71	414.36		0.3	0.1
9/2/2015	XX	GW202B2FI	1209	6.5	16.1	8.64	405.72	414.36		0.9	0.2
11/3/2015	XX	GW202B2HC	1028	6.5	8.8	6.6	407.76	414.36	11.5	0.4	0.1
6/14/2016	XX	GW202B312	778	6.3	9	8.13	406.23	414.36		0.2	11.3
9/22/2016	XX	GW202B32G	I	I	I	I	I	414.36		I	I
11/9/2016	XX	GW202B34A	I	I	I	11.03	403.33	414.36	11.52	I	I
6/13/2017	XX	GW202B365	847	6.6	13.1	7.92	406.44	414.36		1	7.4
8/30/2017	XX	GW202B37J	I	I	I	I	I	414.36		I	I
11/16/2017	XX	GW202B39D	1108	6.6	8	7.4	406.96	414.36	11.52	0.6	0.3
6/20/2018	XX	GW202B3B8	840	6.7	14.3	8.6	405.76	414.36		1.2	2.5
8/14/2018	XX	GW202B3DH	713	6.6	17.2	9.1	405.26	414.36		1.6	2.4
11/27/2018	XX	GW202B3EG	1369	7	5.4	7.26	407.1	414.36	11.52	0.2	0.5
6/4/2019	XX	GW202B3GB	604	6.7	9.7	7.59	406.77	414.36		2.4	2.3
8/13/2019	XX	GW202B3J0	949	6.6	15.5	9.31	405.05	414.36		3.5	0.8
10/24/2019	XX	GW202B3JJ	917	6.9	9	7.56	406.8	414.36		0.6	0.3
6/16/2020	XX	GW202B41E	!	!	!	!	!	414.36		!	!
8/5/2020	XX	GW202B443	!	!	!	!	!	414.36		!	!
10/22/2020	XX	GW202B452	!	!	!	!	!	414.36		!	!
205A											
4/27/2000	XX	205AXX36643	553	7.16	4		414.67				
8/2/2000	XX	205AXX36740	692	7.06	9		411.86		34.92	0.57	0.3
10/25/2000	XX	205AXX36824	541	7.1	6		411.33			0.7	0.2
5/9/2001	XX	205AXX37020	660	7.02	7.8		413.35			0.8	0.2
7/25/2001	XX	205AXX37097	601	7.04	11		409.62		34.89	1	0.1
10/17/2001	XX	205AXX37181	570	7.08	9.6		410.25			2.9	0.18
5/15/2002	XX	205AXX37391	906	6.92	6.4		414.43			0.9	0.17
8/1/2002	XX	205AXX37469	764	6.88	10.6		411.26		35.71	0.8	0.29
10/16/2002	XX	205AXX37545	758	6.88	8.2		410.36			0.6	0.2
6/19/2003	XX	205AXX37791	994	6.94	8.5		413.62			0.4	0.5
8/20/2003	XX	205AXX37853	758	6.97	10.7		412.11		34.96	0.5	0.36
10/9/2003	XX	205AXX37903	746	7	10		413.66			0.8	0.29

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

(205A)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
4/27/2004	XX	205AXX38104	852	7.06	5.2		413.89			2.3	0.25
8/12/2004	XX	205AXX38211	713	6.8	11.6		411.35		34.94	1	0.35
10/14/2004	XX	205AXX38274	686	6.88	8.2		411.07			1.1	0.19
5/17/2005	XX	GW205A00B	901	7	6.5	5.62	414.45	420.07		0.7	0.2
8/4/2005	XX	GW205A023	966	6.97	6.8	8.21	411.86	420.07	34.88	1	0.4
10/27/2005	XX	GW205A03F	737	6.92	8.2	5.22	414.85	420.07		1.1	0.5
5/9/2006	XX	GW205A08B	818	7	6.9		413.72			0.8	0.51
7/25/2006	XX	GW205A06J	1013	6.92	11.1		413.02		34.7	0.6	0.5
10/23/2006	XX	GW205A057	683	7.15	8.7		414.27			0.1	0.3
5/14/2007	XX	GW205A0A3	928	6.84	6.1		412.16			0.1	0.5
8/16/2007	XX	GW205A0BG	857	7.01	9		411.02		34.87	0.7	0.7
10/25/2007	XX	GW205A0D8	758	7.13	9.1		413.17			0.2	0.5
5/29/2008	XX	GW205A0FG	971	7.23	6.8		412.81			0.1	0.4
8/12/2008	XX	GW205A0HG	989	6.97	11		414.05			0.1	0.9
10/16/2008	XX	GW205A0J4	861	6.94	9.5		414.05			0.2	0.7
5/4/2009	XX	GW205A114	909	6.9	7.3	6.3	413.77	420.07		0.4	0.4
8/5/2009	XX	GW205A134	938	6.56	12.3	5.47	414.6	420.07		0.5	0.9
10/20/2009	XX	GW205A14C	801	6.85	8.3	7.15	412.92	420.07		0.1	1
5/26/2010	XX	GW205A16D	842	6.98	9.7		411.94			0.63	0.28
8/3/2010	XX	GW205A18E	749	6.74	10.3		410.29			0.4	1.49
10/13/2010	XX	GW205A1A2	616	6.95	9.5		412.82			0.42	0.87
5/17/2011	XX	GW205A1E1	680	7	6.3	5.38	414.69	420.07	34.71	0.8	2.9
8/9/2011	XX	GW205A1FC	827	6.9	13.8	9.1	410.97	420.07	34.72	2	1.5
11/3/2011	XX	GW205A1H3	724	6.9	10.1	6.7	413.37	420.07	35.91	2	0.3
5/16/2012	XX	GW205A1IH	588	7.1	11.1	5.71	414.36	420.07	34.7	1	0
8/16/2012	XX	GW205A20A	643	7	13.7	10.86	409.21	420.07		2	0.8
10/30/2012	XX	GW205A224	575	7.1	12.7	6.61	413.46	420.07	34.89	1	0
5/20/2013	XX	GW205A23I	561	6.9	8.8	7.5	412.57	420.07		1	0.5
7/23/2013	XX	GW205A25C	572	7.3	10.3	8.5	411.57	420.07		1	0.7
10/2/2013	XX	GW205A276	516	7.5	12.9	7.75	412.32	420.07	34.97	1	0.3
6/3/2014	XX	GW205A290	510	7.1	10.1	7.23	412.84	420.07		2	0.3
8/19/2014	XX	GW205A2AE	512	7.2	11.6	9.05	411.02	420.07		0.8	0.2
11/12/2014	XX	GW205A2C8	494	7.3	8.2	6.05	414.02	420.07	34.82	2	0.5
6/2/2015	XX	GW205A2E4	544	7.3	6.6	6.2	413.87	420.07		0.4	0.3
9/2/2015	XX	GW205A2FJ	474	7.7	11.6	7.92	412.15	420.07		0.5	0.8
11/3/2015	XX	GW205A2HD	472	7.1	8.6	5.98	414.09	420.07	34.85	8.6	0.8
6/14/2016	XX	GW205A313	534	7.3	8.5	7.45	412.62	420.07		0.5	1.5
9/21/2016	XX	GW205A32H	548	7.6	9.8	11.25	408.82	420.07		0.5	0.4
11/9/2016	XX	GW205A34B	489	7.2	9.5	10.1	409.97	420.07	34.83	0.6	0.2
6/13/2017	XX	GW205A366	508	7.4	10.8	7.01	413.06	420.07		0.9	1.6
8/30/2017	XX	GW205A380	508	6.9	9.5	10	410.07	420.07		1	0.5
11/16/2017	XX	GW205A39E	488	7.8	7.8	6.43	413.64	420.07	34.83	0.3	0.5
6/19/2018	XX	GW205A3B9	551	7.5	8.9	8.11	411.96	420.07		0.8	1.6
8/14/2018	XX	GW205A3DI	542	7.2	10.5	7.74	412.33	420.07		0.5	0.3
11/27/2018	XX	GW205A3EH	497	7.7	7.6	6.15	413.92	420.07	34.81	0.5	0.8
6/4/2019	XX	GW205A3GC	484	7.5	7.7	6.2	413.87	420.07		2.1	1.1
8/13/2019	XX	GW205A3J1	482	7.3	10.7	9.3	410.77	420.07		4.5	0.8
10/23/2019	XX	GW205A400	454	7.6	8.9	8.1	411.97	420.07		0.6	0.6
6/16/2020	XX	GW205A41F	411	7.3	10	8.21	411.86	420.07		1	0.8
8/5/2020	XX	GW205A444	430	7.3	13.7	10.6	409.47	420.07		1.2	0.6

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

(205A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/20/2020	XX	GW205A453	417	7.1	9.3	6.63	413.44	420.07	34.77	3.1	0.6
205B											
4/27/2000	XX	205BXX36643	378	7.16	3.3		415.25				
8/2/2000	XX	205BXX36740	328	7.08	8		412.14		17.75	0.45	0.5
10/25/2000	XX	205BXX36824	386	7.03	8		411.77			0.6	0.2
5/9/2001	XX	205BXX37020	796	6.89	8		413.75			0.5	0.4
7/25/2001	XX	205BXX37097	461	6.88	11.4		409.64		17.79	0.8	0.66
10/17/2001	XX	205BXX37181	697	6.74	10.9		410.62			1.8	0.48
5/15/2002	XX	205BXX37391	968	7.01	5.7		415			0.9	0.22
8/1/2002	XX	205BXX37469	865	6.49	10.1		411.42		18.58	0.4	0.4
10/16/2002	XX	205BXX37545	1144	6.44	9.4		410.68			1	0.5
6/19/2003	XX	205BXX37791	1066	6.85	8.1		413.91			0.5	0.4
8/19/2003	XX	205BXX37852	597	6.62	11.1		412.51		17.76	0.4	4.24
10/9/2003	XX	205BXX37903	1274	6.75	10.4		414.01			1.1	0.43
4/27/2004	XX	205BXX38104	876	7.03	5.9		414.32			2.1	0.2
8/12/2004	XX	205BXX38211	395	6.73	10.5		411.5		17.79	1.7	0.52
10/14/2004	XX	205BXX38274	460	6.54	9.7		411.15			0.4	0.72
5/17/2005	XX	GW205B00C	894	6.94	5.6	4.64	414.69	419.33		1.1	0.2
8/4/2005	XX	GW205B024	335	7.05	6.8	7.48	411.85	419.33	17.75	0.7	1.1
10/27/2005	XX	GW205B03G	922	6.82	9.4	4.21	415.12	419.33		0.6	0.5
5/9/2006	XX	GW205B08C	670	7.08	5.8		414.05			1.4	0.67
7/25/2006	XX	GW205B070	302	7.16	11		412.96		17.58	1.7	0.7
10/19/2006	XX	GW205B058	212	7.25	10.4		413.83			0.1	0.8
5/14/2007	XX	GW205B0A4	600	7.06	5.4		413.12			0.4	0.5
8/16/2007	XX	GW205B0BH	633	7.1	9.9		410.86		17.75	0.5	1.3
10/25/2007	XX	GW205B0D9	389	7.26	9.9		413.39			0.5	0.6
5/27/2008	XX	GW205B0FH	599	7.42	6.2		412.66			0.1	0.6
8/12/2008	XX	GW205B0HH	614	7.13	11.1		414.33			0.3	0.8
10/16/2008	XX	GW205B0J5	339	7.35	10.2		414.33			0.6	0.5
5/4/2009	XX	GW205B115	525	7.15	6.4	5.63	413.7	419.33		0.4	0.5
8/5/2009	XX	GW205B135	563	6.82	12	4.75	414.58	419.33		0.2	0.5
10/20/2009	XX	GW205B14D	340	7.35	8.9	6.43	412.9	419.33		0.1	0.7
5/26/2010	XX	GW205B16E	411	7.23	10.1		411.83			0.56	0.4
8/3/2010	XX	GW205B18F	472	7.05	11.2		409.93			0.5	0.74
10/13/2010	XX	GW205B1A3	352	7.03	10.2		413.03			0.42	0.25
5/17/2011	XX	GW205B1E2	473	7.2	6	4.65	414.68	419.33	17.56	0.6	0.6
8/9/2011	XX	GW205B1FD	225	7	15.7	8.64	410.69	419.33	17.57	2	1.1
11/3/2011	XX	GW205B1H4	277	6.9	11.2	5.93	413.4	419.33	17.76	1	0.3
5/16/2012	XX	GW205B1II	345	7.4	10.9	4.81	414.52	419.33	17.55	1	0.3
8/16/2012	XX	GW205B20B	247	7	14.5	9.67	409.66	419.33		2	1.5
10/30/2012	XX	GW205B225	417	7.1	12.8	5.56	413.77	419.33	17.78	0.6	0
5/20/2013	XX	GW205B23J	257	7.4	9.5	6.78	412.55	419.33		1	0.5
7/23/2013	XX	GW205B25D	281	7.4	12.6	8.28	411.05	419.33		1	0.8
10/2/2013	XX	GW205B277	260	7.5	13.7	6.95	412.38	419.33	17.76	1	0.3
6/3/2014	XX	GW205B291	408	7.1	11	6.95	412.38	419.33		1	0.4
8/19/2014	XX	GW205B2AF	324	7.1	11.8	8.81	410.52	419.33		1	0.2
11/12/2014	XX	GW205B2C9	330	7.2	8.9	5.36	413.97	419.33	17.72	1	0.2
6/2/2015	XX	GW205B2E5	259	7.3	6.1	5.53	413.8	419.33		1	0.2
9/2/2015	XX	GW205B2G0	192	7.1	13.6	7.47	411.86	419.33		0.2	0.1

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

(205B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
11/3/2015	XX	GW205B2HE	298	7.3	9.3	5.31	414.02	419.33	17.75	2	0.1
6/14/2016	XX	GW205B314	228	7.4	8.3	7	412.33	419.33		0.5	1.5
9/21/2016	XX	GW205B32I	201	7.2	12.3	10.96	408.37	419.33		0.3	0.3
11/9/2016	XX	GW205B34C	178	7	10.1	9.75	409.58	419.33	17.76	0.4	0.1
6/13/2017	XX	GW205B367	305	7.4	10.4	6.85	412.48	419.33		0.5	1.1
8/30/2017	XX	GW205B381	203	7.2	10.9	10.01	409.32	419.33		1	0.2
11/16/2017	XX	GW205B39F	389	7.6	9.1	5.95	413.38	419.33	17.76	0.4	0.4
6/19/2018	XX	GW205B3BA	288	7.4	8.8	8.01	411.32	419.33		1.5	2.1
8/14/2018	XX	GW205B3DJ	256	7.1	12.6	7.66	411.67	419.33		0.9	0.3
11/27/2018	XX	GW205B3EI	439	8	7.2	5.58	413.75	419.33	17.76	3.6	0.5
6/4/2019	XX	GW205B3GD	467	7.4	7.8	5.96	413.37	419.33		2.1	0.3
8/13/2019	XX	GW205B3J2	190	7.2	13.1	8.78	410.55	419.33		4.4	0.5
10/23/2019	XX	GW205B401	369	7.9	9.7	7.83	411.5	419.33		0.5	0.3
6/16/2020	XX	GW205B41G	232	7.4	8.9	8.02	411.31	419.33		0.5	0.2
8/5/2020	XX	GW205B445	204	7	14.1	10.28	409.05	419.33		0.9	0.2
10/20/2020	XX	GW205B454	185	7.5	10.5	6.02	413.31	419.33	17.8	1	0.4
206A											
4/27/2000	XX	206AXX36643	1291	6.17	3		404.16				
8/2/2000	XX	206AXX36740	2590	6.83	6		397.58		31.23	0.45	0.4
10/25/2000	XX	206AXX36824	3130	6.84	7		395.14			0.4	0.8
5/8/2001	XX	206AXX37019	2350	6.69	8		401.83			0.5	0.6
7/25/2001	XX	206AXX37097	2910	6.71	9.2		395.73		31.21	0.5	0.39
10/17/2001	XX	206AXX37181	3480	6.7	9.8		393.13			0.8	1.37
5/16/2002	XX	206AXX37392	1802	6.71	6.4		401.65			1.3	0.62
8/1/2002	XX	206AXX37469	2230	6.66	9.6		397.81		31.04	0.5	1
10/17/2002	XX	206AXX37546	3440	6.81	8.2		394.71			5	1.7
6/19/2003	XX	206AXX37791	2380	6.7	7.5		400.49			0.3	1.3
8/18/2003	XX	206AXX37851	2350	6.76	8.4		398.37		31.24	0.6	0.64
10/13/2003	XX	206AXX37907	2510	6.8	9		399.09			0.9	0.34
4/29/2004	XX	206AXX38106	2390	6.75	5.6		400.6			2.7	0.96
8/16/2004	XX	206AXX38215	2940	6.65	8.5		397.39		31.21	1	1.34
10/12/2004	XX	206AXX38272	2650	6.81	8		397.08			2.2	1.66
5/17/2005	XX	GW206A00D	1950	6.66	6.4	13.48	401.83	415.31		1.6	0.4
8/15/2005	XX	GW206A025	2580	6.66	5.2	18.1	397.21	415.31	31.22	0.7	1.1
10/24/2005	XX	GW206A03H	2270	6.69	5	13.35	401.96	415.31		1.3	0.4
5/11/2006	XX	GW206A08D	2160	6.68	7		400.46			2	0.84
7/26/2006	XX	GW206A071	2200	6.68	9.5		398.96		31.06	1.5	1.2
10/23/2006	XX	GW206A059	2250	6.69	8.8		400.1			0.5	1
5/14/2007	XX	GW206A0A5	2000	6.6	7		400.55			0.3	0.7
8/16/2007	XX	GW206A0BI	2600	6.7	8.6		396.58		31.22	0.2	1.3
10/29/2007	XX	GW206A0DA	2670	6.71	7.2		398.48			2.8	0.6
5/27/2008	XX	GW206A0FI	1938	6.73	6.6		399.1			0.1	1
8/13/2008	XX	GW206A0HI	1621	6.62	9.1		400.77			0.1	0.6
10/20/2008	XX	GW206A0J6	2090	6.49	7.3		400.77			0.4	0.7
5/5/2009	XX	GW206A116	1884	6.62	6	14.65	400.66	415.31		0.2	0.7
8/6/2009	XX	GW206A136	1531	6.04	10.2	12.71	402.6	415.31		1	1.5
10/21/2009	XX	GW206A14E	2230	6.43	8.2	17.36	397.95	415.31		0.1	0.9
5/27/2010	XX	GW206A16F	1284	6.43	7.5		397.82			1.03	0.35
8/3/2010	XX	GW206A18G	2180	6.55	10.1		396.77			0.53	0.94

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

(206A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/13/2010	XX	GW206A1A4	1941	6.63	8.7		397.62			0.28	0.94
5/17/2011	XX	GW206A1E3	1422	6.6	6.3	11.39	403.92	415.31	31.07	0.6	0.5
8/9/2011	XX	GW206A1FE	2569	6.49	13.3	18.47	396.84	415.31	31.08	1	0.6
11/3/2011	XX	GW206A1H5	2004	6.6	9.4	15.34	399.97	415.31	31.24	1	0.3
5/16/2012	XX	GW206A1IJ	1570	6.7	10.5	12.96	402.35	415.31	31.06	0.4	1.2
8/15/2012	XX	GW206A20C	2144	6.3	16.1	18.32	396.99	415.31		1	0.3
10/30/2012	XX	GW206A226	630	6.5	12.2	15.26	400.05	415.31	31.26	1	0
5/20/2013	XX	GW206A240	1734	6.7	9.3	16.5	398.81	415.31		0.6	0.4
7/23/2013	XX	GW206A25E	1073	6.5	14	16.94	398.37	415.31		1	0.7
10/2/2013	XX	GW206A278	2060	6.9	13.6	16.85	398.46	415.31	31.27	0.4	0.6
6/3/2014	XX	GW206A292	811	6.1	10.4	15.43	399.88	415.31		0.6	0.8
8/20/2014	XX	GW206A2AG	1880	6.9	10.6	18.53	396.78	415.31		1	0.4
11/11/2014	XX	GW206A2CA	210	6.5	8.7	14.8	400.51	415.31	31.2	0.8	0.5
6/2/2015	XX	GW206A2E6	1845	6.6	5.8	14.35	400.96	415.31		0.7	0.2
9/2/2015	XX	GW206A2G1	2167	6.6	13	18.41	396.9	415.31		1.6	0.3
11/3/2015	XX	GW206A2HF	358	6.4	7.9	14.48	400.83	415.31	31.25	0.5	0.2
6/15/2016	XX	GW206A315	1858	6.5	10.1	17.31	398	415.31		0.4	1.1
9/21/2016	XX	GW206A32J	2428	6.6	10.5	21.75	393.56	415.31		2.2	0.3
11/9/2016	XX	GW206A34D	2645	6.6	8.4	22.3	393.01	415.31	31.24	0.3	0.2
6/13/2017	XX	GW206A368	1659	6.6	10.6	14.99	400.32	415.31		2.1	2.1
8/30/2017	XX	GW206A382	2540	6.7	8.3	18.6	396.71	415.31		1.8	0.2
11/15/2017	XX	GW206A39G	2570	6.6	7.7	16.16	399.15	415.31	31.24	0.7	0.4
6/19/2018	XX	GW206A3BB	2159	6.7	8.2	16.75	398.56	415.31		0.3	1.1
8/14/2018	XX	GW206A3E0	2688	6.7	10	18.28	397.03	415.31		0.4	0.5
11/27/2018	XX	GW206A3EJ	1731	6.7	7.6	14.75	400.56	415.31	31.24	0.2	0.5
6/4/2019	XX	GW206A3GE	470	6.7	8.4	13.2	402.11	415.31		2.1	0.5
8/13/2019	XX	GW206A3J3	2125	6.7	12.1	17.72	397.59	415.31		5.1	0.5
10/23/2019	XX	GW206A402	2490	6.9	8.2	13.75	401.56	415.31		0.5	0.4
6/16/2020	XX	GW206A41H	1335	6.6	8.2	16.73	398.58	415.31		1.1	0.3
8/5/2020	XX	GW206A446	1593	6.5	13.9	19.18	396.13	415.31		0.7	0.2
10/20/2020	XX	GW206A455	2270	6.7	9.1	21.25	394.06	415.31	31.3	1.3	0.3
206B											
4/27/2000	XX	206BXX36643	75	6.83	3.6		405.17				
8/2/2000	XX	206BXX36740	D	D	D				18.69		
10/25/2000	XX	206BXX36824	D	D	D						
5/8/2001	XX	206BXX37019	96.1	5.26	9.2		402.21			9.7	4
7/25/2001	XX	206BXX37097	D	D	D				18.66	D	D
10/17/2001	XX	206BXX37181	D	D	D					D	D
5/16/2002	XX	206BXX37392	157	6.35	6		401.91			4.5	2.33
7/29/2002	XX	206BXX37466	D	D	D				18.69	D	D
10/15/2002	XX	206BXX37544	D	D	D					D	D
6/17/2003	XX	206BXX37789	207	6.27	7.2		400.7			4	2.7
8/18/2003	XX	206BXX37851	171.6	6.12	9.7		399.01		18.67	4.3	2.58
10/13/2003	XX	206BXX37907	116.7	6.19	10.2		399.6			8.6	1.88
4/29/2004	XX	206BXX38106	194.4	6.18	5		400.96			3.9	1.94
8/16/2004	XX	206BXX38215	D	D	D				18.68	D	D
10/12/2004	XX	206BXX38272	D	D	D					D	D
5/17/2005	XX	GW206B00E	167	6.11	6.2	13.04	402.23	415.27		5.2	1.47
8/15/2005	XX	GW206B026	D	D	D	D			18.68	D	D

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

(206B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/24/2005	XX	GW206B03I	84.8	6.25	6.8	12.38	402.89	415.27		9.8	1.2
5/11/2006	XX	GW206B08E	134.9	6.65	6.1		400.82			6.6	2.17
7/26/2006	XX	GW206B072	174	6.13	10.5		399.22		18.51	4.6	7.3
10/23/2006	XX	GW206B05A	102	6.32	10.1		401.36			8.3	7.4
5/14/2007	XX	GW206B0A6	173	6.41	7.3		400.85			5	3.4
8/16/2007	XX	GW206B0BJ	D	D	D		D		18.64	D	D
10/29/2007	XX	GW206B0DB	D	D	D		D			D	D
5/27/2008	XX	GW206B0FJ	D	D	D		D			D	D
8/13/2008	XX	GW206B0HJ	182	6.01	10.6		401.13			4	2.5
10/20/2008	XX	GW206B0J7	D	D	D		D			D	D
5/5/2009	XX	GW206B117	185	6.06	5.7	14.36	400.91	415.27		3	1.4
8/6/2009	XX	GW206B137	127	5.46	11.4	11.84	403.43	415.27		5.9	1.5
10/21/2009	XX	GW206B14F	199	6.33	9.3	16.65	398.62	415.27		4	2
5/27/2010	XX	GW206B16G	D	D	D		398.45			D	D
8/3/2010	XX	GW206B18H	D	D	D					D	D
10/13/2010	XX	GW206B1A5	104	6.4	10.2		398.98			7.97	3.81
5/17/2011	XX	GW206B1E4	61	6.2	5.8	9.75	405.52	415.27	18.54	6	1.3
8/9/2011	XX	GW206B1FF	D	D	D	17.95	397.32	415.27	18.52	D	D
11/4/2011	XX	GW206B1H6	182	6.2	8.7	15.21	400.06	415.27	18.71	2	0.5
5/16/2012	XX	GW206B1J0	98	6.2	9.7	12.29	402.98	415.27	18.48	5	0.3
8/15/2012	XX	GW206B20D	I	I	I	17.72	397.55	415.27		I	I
10/30/2012	XX	GW206B227	143	6.2	12.5	14.85	400.42	415.27	18.72	5	0
5/20/2013	XX	GW206B241	178	6.9	7.4	16.2	399.07	415.27		5	1.1
7/24/2013	XX	GW206B25F	196	6.2	14.1	16.31	398.96	415.27		5	0.5
10/2/2013	XX	GW206B279	165	6.6	14.4	16.24	399.03	415.27	18.74	5	0.3
6/3/2014	XX	GW206B293	189	7.2	10.9	15.15	400.12	415.27		4	0.8
8/20/2014	XX	GW206B2AH	D	D	D	D	D	415.27		D	D
11/11/2014	XX	GW206B2CB	91	6.4	9.2	13.36	401.91	415.27	18.66	2	0.3
6/2/2015	XX	GW206B2E7	120	7.1	5.4	13.7	401.57	415.27		7.9	0.05 U
9/2/2015	XX	GW206B2G2	I	I	I	I		415.27		I	I
11/3/2015	XX	GW206B2HG	90	6.4	9.1	13.6	401.67	415.27	18.71	8	0.3
6/15/2016	XX	GW206B316	166	7	8.4	16.8	398.47	415.27		5	12.2
9/21/2016	XX	GW206B330	D	D	D	D	D	D		D	D
11/9/2016	XX	GW206B34E	D	D	D	D	D	D	18.7	D	D
6/13/2017	XX	GW206B369	176	7.1	9.9	15.15	400.12	415.27		7.1	1.9
8/30/2017	XX	GW206B383	I	I	I	I	I	415.27		I	I
11/15/2017	XX	GW206B39H	260	7.3	8.6	15.95	399.32	415.27	18.7	6.8	0.8
6/19/2018	XX	GW206B3BC	260	7.2	7.8	16.6	398.67	415.27		3.5	6.5
8/14/2018	XX	GW206B3E1	I	I	I	I	I	415.27		I	I
11/27/2018	XX	GW206B3F0	106	7.7	7.5	14.45	400.82	415.27	18.7	8.1	0.8
6/4/2019	XX	GW206B3GF	146	7.2	7.3	12.74	402.53	415.27		10.6	0.8
8/13/2019	XX	GW206B3J4	191	6.8	11.8	17.1	398.17	415.27		10.7	2.5
10/23/2019	XX	GW206B403	D	D	D	D		415.27		D	D
6/16/2020	XX	GW206B41I	179	6.6	8.8	16.42	398.85	415.27		5.1	1.6
8/5/2020	XX	GW206B447	I	I	I	I	I	415.27		I	I
10/22/2020	XX	GW206B456	D	D	D	D	D	415.27	18.76	D	D
301											
5/3/2000	XX	301XX36649	348	7.07	3.9		347.49				
8/9/2000	XX	301XX36747	338	6.55	8		346.65		17.46	0.38	1.5

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

(301)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
11/8/2000	XX	301XX36838	362	6.9	8		347.04			3.02	0.4
5/16/2001	XX	301XX37027	434	6.59	5.6		347.31			0.6	0.2
7/31/2001	XX	301XX37103	416	6.53	11.6		345.5		17.42	0.7	0.4
10/23/2001	XX	301XX37187	494	6.72	9.7		346.53			0.8	0.2
5/21/2002	XX	301XX37397	505	6.68	6.6		347.51			0.9	0.1
8/2/2002	XX	301XX37470	526	6.34	11.5		346.48		17.42	0.2	0.3
10/23/2002	XX	301XX37552	554	6.6	9.7		346.96			0.5	0.3
6/24/2003	XX	301XX37796	603	6.52	7.5		347.03			0.3	0.2
8/12/2003	XX	301XX37845	596	6.34	11.6		347.12		17.48	0.3	0.87
10/16/2003	XX	301XX37910	641	6.47	10		347.68			0.5	0.1
5/5/2004	XX	301XX38112	663	6.56	4.5		347.79			0.8	0.33
8/9/2004	XX	301XX38208	634	6.28	10.3		346.67		17.44	1.1	0.52
10/20/2004	XX	301XX38280	666	6.53	9.3		346.93			0.7	0.39
5/11/2005	XX	GW301X00F	672	6.47	5.7	3.54	347.8	351.34		0.5	0.3
7/27/2005	XX	GW301X027	701	6.48	10.5	4.9	346.44	351.34	17.44	2	0.5
11/7/2005	XX	GW301X03J	755	6.47	9.4	3.46	347.88	351.34		0.5	0.4
5/1/2006	XX	GW301X08F	792	6.65	4.5		346.99			0.6	0.41
7/31/2006	XX	GW301X073	841	6.43	12		347.03		17.26	0.3	0.7
10/26/2006	XX	GW301X05B	881	6.57	9.1		347.74			0.1	0.4
5/9/2007	XX	GW301X0A7	868	6.59	5.3		347.5			0.2	0.5
8/9/2007	XX	GW301X0C0	990	6.53	10.4		346.31		17.46	0.2	0.6
10/30/2007	XX	GW301X0DC	1185	6.56	9.1		347.29			0.6	0.6
6/3/2008	XX	GW301X0G0	1226	6.49	6.2		347.4			0.1	0.1
8/14/2008	XX	GW301X0I0	1245	6.32	10.6		347.79			0.1	0.7
10/21/2008	XX	GW301X0J8	1249	6.37	9.1		347.79			0.1	0.5
5/11/2009	XX	GW301X118	1256	6.32	5.7	3.7	347.64	351.34		0.4	0.5
8/10/2009	XX	GW301X138	1272	5.98	10.8	4.05	347.29	351.34		0.1	0.7
10/22/2009	XX	GW301X14G	1354	6.38	8.5	4.36	346.98	351.34		0.1	0.4
6/1/2010	XX	GW301X16H	1319	6.47	7.4		346.53			0.1	0.6
8/5/2010	XX	GW301X18I	1369	6.29	12.2		345.33			0.18	0.43
10/18/2010	XX	GW301X1A6	1433	6.22	9.6		347.28			0.1	0.14
5/18/2011	XX	GW301X1D9	1265	6.3	6.3	3.55	347.79	351.34	17.35	0.8	0
8/9/2011	XX	GW301X1F0	1534	6.21	13.5	5.11	346.23	351.34	17.3	2	0.3
11/2/2011	XX	GW301X1GB	1353	6.4	9.1	3.88	347.46	351.34	17.48	2	0.2
5/15/2012	XX	GW301X1I5	1321	6.4	8.5	3.61	347.73	351.34	17.27	1	0
8/14/2012	XX	GW301X1JI	980	5.9	14.5	5.52	345.82	351.34		1	0.9
10/30/2012	XX	GW301X21C	1470	6.6	11.5	3.83	347.51	351.34	17.5	1	0
5/22/2013	XX	GW301X236	1594	6.4	6.3	3.95	347.39	351.34		1	0.6
7/25/2013	XX	GW301X250	1600	6	11.8	4.66	346.68	351.34		2	0.6
10/1/2013	XX	GW301X26E	1464	6.6	11.6	4.51	346.83	351.34	17.48	1	0.4
6/4/2014	XX	GW301X288	1590	6.6	7.8	4.4	346.94	351.34		1	0.3
8/20/2014	XX	GW301X2A2	1693	6.8	12.4	4.95	346.39	351.34		1	0.2
11/11/2014	XX	GW301X2BG	1715	6.8	6.2	3.75	347.59	351.34	17.45	1	0.2
6/3/2015	XX	GW301X2DC	1883	6.3	6.4	3.75	347.59	351.34		1	0.05 U
9/1/2015	XX	GW301X2F7	1750	6.4	12.1	4.52	346.82	351.34		1	0.05 U
11/4/2015	XX	GW301X2H1	1739	6.4	8	3.76	347.58	351.34	17.46	0.7	0.2
6/15/2016	XX	GW301X30B	1785	6.3	9.5	4.26	347.08	351.34		0.4	0.6
9/20/2016	XX	GW301X325	1990	6.3	12.6	5.41	345.93	351.34		1.6	0.2
11/10/2016	XX	GW301X33J	1992	6.6	8	4.57	346.77	351.34	17.48	0.3	0.1
6/14/2017	XX	GW301X35E	1820	6.4	7.7	4.5	346.84	351.34		3	0.7

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

(301) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
8/29/2017	XX	GW301X378	1891	6.5	9.8	5.89	345.45	351.34		0.2	0.3
11/14/2017	XX	GW301X392	1882	6.4	8.8	4.1	347.24	351.34	17.48	1.7	0.3
6/19/2018	XX	GW301X3AH	2041	6.5	8.5	4.8	346.54	351.34		0.2	0.7
8/14/2018	XX	GW301X3D6	2114	6.4	12.5	4.79	346.55	351.34		2.9	0.2
11/28/2018	XX	GW301X3E5	2156	6.7	7.5	3.76	347.58	351.34	17.48	0.6	0.3
6/5/2019	XX	GW301X3G0	1896	6.6	6.8	4.19	347.15	351.34		1.1	0.2
8/13/2019	XX	GW301X3I9	1867	6.6	11	4.85	346.49	351.34		2.5	0.5
10/23/2019	XX	GW301X3J8	1803	6.8	9.3	4.28	347.06	351.34		0.3	0.2
6/16/2020	XX	GW301X413	1587	6.5	7.8	4.98	346.36	351.34		0.5	0.1
8/4/2020	XX	GW301X43C	1561	6.5	12.3	6.35	344.99	351.34		0.9	0.2
10/21/2020	XX	GW301X44B	1612	6.7	9.1	4.14	347.2	351.34	17.52	0.9	0.3
302B											
5/3/2000	XX	302BXX36649	345	6.15	5		348.95				
8/9/2000	XX	302BXX36747	121	6.14	6		346.58		28.04	0.37	0.4
11/8/2000	XX	302BXX36838	405	6.04	8		347.59			0.6	0.1
5/16/2001	XX	302BXX37027	625	6.08	6.1		347.76			0.5	0.1
7/31/2001	XX	302BXX37103	436	5.97	10.6		345.39		28.12	0.9	0.2
10/23/2001	XX	302BXX37187	470	5.8	9.6		347.08			1.4	0.3
5/21/2002	XX	302BXX37397	623	6.13	6.9		348.71			1.5	0.1
8/7/2002	XX	302BXX37475	602	6.08	10.2		346.34		28.12	0.5	0.2
10/23/2002	XX	302BXX37552	655	6.18	8.7		347.82			0.5	0.8
6/23/2003	XX	302BXX37795	912	6.04	8.5		347.68			0.4	0.3
8/12/2003	XX	302BXX37845	862	6.25	10.8		348.1		28.16	0.5	0.44
10/20/2003	XX	302BXX37914	970	6.26	8.8		348.74			0.6	0.29
5/4/2004	XX	302BXX38111	1055	6.21	5.7		348.91			1.3	0.25
8/5/2004	XX	302BXX38204	838	6.13	11.2		347.35		28.1	1.2	0.15
10/20/2004	XX	302BXX38280	898	6.13	8.9		347.33			1	0.19
5/11/2005	XX	GW302B00G	943	6.07	8.1	4.98	349.18	354.16		0.7	0.2
7/27/2005	XX	GW302B028	906	6.24	10	7.69	346.47	354.16	28.09	1.1	0.3
11/7/2005	XX	GW302B040	1010	6.14	10.1	5.2	348.96	354.16		1.2	0.4
5/1/2006	XX	GW302B08G	1067	6.23	5.6		348.42			0.6	0.38
7/31/2006	XX	GW302B074	1119	6.13	10.2		347.79		27.91	1.2	0.5
10/25/2006	XX	GW302B05C	1000	6.31	9.1		349.01			0.1	0.3
5/9/2007	XX	GW302B0A8	994	6.23	6.1		348.73			0.3	0.3
8/9/2007	XX	GW302B0C1	936	6.28	8.9		346.47		28.12	0.5	0.4
10/30/2007	XX	GW302B0DD	1029	6.37	8.2		348.18			1	0.5
6/2/2008	XX	GW302B0G1	1087	6.13	6.7		347.77			0.1	0.3
8/14/2008	XX	GW302B0I1	1150	6.03	10.5		349.51			0.1	0.4
10/21/2008	XX	GW302B0J9	1084	6.16	8.5		349.51			0.3	0.4
5/11/2009	XX	GW302B119	1149	6.02	6.7	5.04	349.12	354.16		0.8	0.3
8/10/2009	XX	GW302B139	1111	5.77	10.8	5.82	348.34	354.16		0.3	0.4
10/22/2009	XX	GW302B14H	1097	6.01	8.4	6.5	347.66	354.16		0.1	0.5
6/1/2010	XX	GW302B16I	1134	6.45	7.4		346.41			0.61	0.19
8/4/2010	XX	GW302B18J	1113	6.4	11.1		345.45			0.45	0.37
10/14/2010	XX	GW302B1A7	1164	6.28	9.3		348.08			0.16	0.34
5/18/2011	XX	GW302B1DA	1019	6.3	9.8	4.62	349.54	354.16	28.01	1	0
8/8/2011	XX	GW302B1F1	1096	6.2	14.8	7.77	346.39	354.16	27.95	1	0
11/1/2011	XX	GW302B1GC	1262	8.9	8.9	5.66	348.5	354.16	28.12	1	0.2
5/15/2012	XX	GW302B1I6	1341	6.3	11.1	4.86	349.3	354.16	27.9	0.6	0.2

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

(302B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
8/16/2012	XX	GW302B1JJ	1219	6.3	14.2	8.54	345.62	354.16		2	0.3
10/30/2012	XX	GW302B21D	1282	6.4	13.2	5.55	348.61	354.16	28.14	0.8	0
5/21/2013	XX	GW302B237	1445	6.4	8.8	6.2	347.96	354.16		2	0.5
7/25/2013	XX	GW302B251	1483	6.2	11	7.09	347.07	354.16		2	0.3
10/1/2013	XX	GW302B26F	1464	6.7	13.4	6.9	347.26	354.16	28.15	0.8	0.3
6/3/2014	XX	GW302B289	1384	6.4	10.2	6.72	347.44	354.16		2	0.4
8/20/2014	XX	GW302B2A3	1347	6.9	13	7.51	346.65	354.16		1	0.6
11/11/2014	XX	GW302B2BH	1314	6.6	6.1	5.4	348.76	354.16	28.05	1	0.2
6/3/2015	XX	GW302B2DD	1582	6.5	6.4	5.32	348.84	354.16		0.6	0.3
9/1/2015	XX	GW302B2F8	1416	6.5	11.2	6.89	347.27	354.16		1.2	0.3
11/4/2015	XX	GW302B2H2	1381	6.5	8.4	5.42	348.74	354.16	28.12	1	0.5
6/15/2016	XX	GW302B30C	1563	6.3	9	6.59	347.57	354.16		0.6	0.8
9/21/2016	XX	GW302B326	1479	6.5	12.1	8.2	345.96	354.16		0.7	0.6
11/8/2016	XX	GW302B340	1349	6.6	5.8	6.91	347.25	354.16	28.1	1.2	0.2
6/13/2017	XX	GW302B35F	1419	6.5	13.2	6.69	347.47	354.16		4	1.8
8/29/2017	XX	GW302B379	1503	6.5	9.8	8.8	345.36	354.16		0.6	0.4
11/14/2017	XX	GW302B393	1419	6.7	7.6	6.13	348.03	354.16	28.14	1.4	0.5
6/19/2018	XX	GW302B3AI	1680	6.7	10.4	7.73	346.43	354.16		1.4	0.8
8/14/2018	XX	GW302B3D7	1657	6.5	9.6	7.03	347.13	354.16		1.2	0.6
11/28/2018	XX	GW302B3E6	1709	6.9	7.5	5.7	348.46	354.16	28.14	1.4	0.5
6/5/2019	XX	GW302B3G1	1591	6.6	8.5	6.04	348.12	354.16		12.5	0.4
8/13/2019	XX	GW302B3IA	1653	6.6	14.3	7.46	346.7	354.16		6	0.8
10/23/2019	XX	GW302B3J9	1560	6.7	8.6	6.72	347.44	354.16		0.5	0.5
6/17/2020	XX	GW302B414	1518	6	9.9	7.61	346.55	354.16		0.8	0.8
8/5/2020	XX	GW302B43D	1476	6.5	13.5	8.66	345.5	354.16		0.8	0.6
10/21/2020	XX	GW302B44C	1401	6.7	7.9	5.52	348.64	354.16	28.18	2.3	0.8
302C											
5/3/2000	XX	302CXX36649	292	5.91	4.5		347.84				
8/9/2000	XX	302CXX36747	362	5.9	8		345.52		14.21	0.39	0.7
11/8/2000	XX	302CXX36838	402	6.07	8		346.58			0.46	0.2
5/16/2001	XX	302CXX37027	507	5.85	5.8		346.81			0.5	0.2
7/31/2001	XX	302CXX37103	453	5.93	10.6		344.12		14.23	0.8	0.3
10/23/2001	XX	302CXX37187	504	5.93	10.1		345.88			0.9	0.2
5/21/2002	XX	302CXX37397	453	5.92	6.7		347.54			2.3	0.1
8/7/2002	XX	302CXX37475	754	5.92	10.6		345.13		14.23	0.4	1.2
10/23/2002	XX	302CXX37552	796	6.16	9.4		346.75			1.3	0.3
6/23/2003	XX	302CXX37795	796	5.9	8.4		346.66			0.4	0.9
8/12/2003	XX	302CXX37845	1000	5.99	12.2		346.92		14.19	0.6	0.23
10/20/2003	XX	302CXX37914	801	5.88	10.9		347.51			0.8	0.29
5/4/2004	XX	302CXX38111	898	6.03	5.2		348.13			1.1	0.28
8/5/2004	XX	302CXX38204	868	6.05	11.2		346.16		14.23	1	0.24
10/20/2004	XX	302CXX38280	823	6.02	10.3		346.11			0.9	0.19
5/11/2005	XX	GW302C00H	812	5.95	6.8	5.16	348.05	353.21		0.6	0.3
7/27/2005	XX	GW302C029	967	6.08	10.9	7.94	345.27	353.21	14.25	2.7	0.5
11/7/2005	XX	GW302C041	954	5.96	10.3	5.39	347.82	353.21		0.7	0.3
5/1/2006	XX	GW302C08H	1023	6.07	5.3		347.27			0.9	0.3
7/31/2006	XX	GW302C075	1108	6.15	11.6		346.61		14.04	1.6	0.2
10/25/2006	XX	GW302C05D	918	6.15	10.2		347.83			0.1	0.4
5/9/2007	XX	GW302C0A9	935	6.17	5.8		347.59			0.1	0.4

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

(302C) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
8/9/2007	XX	GW302C0C2	974	6.25	10.2		345.26		14.22	0.4	0.5
10/30/2007	XX	GW302C0DE	938	6.33	10		347.02			0.9	0.5
6/2/2008	XX	GW302C0G2	1150	6.34	6.5		346.57			0.1	0.2
8/14/2008	XX	GW302C0I2	1088	6.05	11.2		348.39			0.1	0.5
10/21/2008	XX	GW302C0JA	1022	6.2	9.8		348.39			0.5	0.4
5/11/2009	XX	GW302C11A	1093	6.13	6	5.21	348	353.21		0.9	0.3
8/10/2009	XX	GW302C13A	1124	5.71	11.8	6.04	347.17	353.21		0.4	0.3
10/22/2009	XX	GW302C14I	967	6.41	9.3	6.72	346.49	353.21		0.1	0.4
6/1/2010	XX	GWXXXX17F	1137	6.66	7.7		345.23			0.1	0.36
8/4/2010	XX	GW302C190	1011	6.36	11.8		344.27			0.47	0.61
10/14/2010	XX	GW302C1A8	1137	6.3	10.5		346.93			0.1	0.35
5/18/2011	XX	GW302C1DB	609	6.2	8.8	4.78	348.43	353.21	14.1	1	0
8/8/2011	XX	GW302C1F2	1200	6.16	12.2	8.03	345.18	353.21	14.03	1	0
11/1/2011	XX	GW302C1GD	1233	6.3	10.1	5.7	347.51	353.21	14.25	1	0.2
5/15/2012	XX	GW302C1I7	1040	6.3	9.6	5.05	348.16	353.21	14	1	0
8/16/2012	XX	GW302C200	1304	6	13	8.68	344.53	353.21		1	0.4
10/30/2012	XX	GW302C21E	1271	6.6	12.1	5.82	347.39	353.21	14.22	1	0
5/21/2013	XX	GW302C238	1486	6.4	7.3	6.37	346.84	353.21		1	0.3
7/25/2013	XX	GW302C252	1504	6.3	11.9	7.19	346.02	353.21		1	0.3
10/1/2013	XX	GW302C26G	1294	6.6	11.3	6.6	346.61	353.21	14.24	0.8	0.2
6/3/2014	XX	GW302C28A	1401	6.1	8.7	6.74	346.47	353.21		0.3	0.3
8/20/2014	XX	GW302C2A4	1134	6.8	12.4	7.6	345.61	353.21		1	0.4
11/11/2014	XX	GW302C2BI	1327	6.5	7.9	5.4	347.81	353.21	14.18	0.8	0.2
6/3/2015	XX	GW302C2DE	1563	6.4	6.3	5.33	347.88	353.21		0.4	0.2
9/1/2015	XX	GW302C2F9	1200	6.4	12.9	6.91	346.3	353.21		0.5	0.3
11/4/2015	XX	GW302C2H3	1349	6.5	8.8	5.45	347.76	353.21	14.22	1	0.5
6/15/2016	XX	GW302C30D	1565	6.3	8.8	6.7	346.51	353.21		0.2	0.3
9/21/2016	XX	GW302C327	1253	6.4	13.2	8.2	345.01	353.21		0.6	0.4
11/8/2016	XX	GW302C341	1323	6.4	8.3	6.93	346.28	353.21	14.18	0.2	0.1
6/13/2017	XX	GW302C35G	1520	6.4	10.4	6.94	346.27	353.21		0.6	1.2
8/29/2017	XX	GW302C37A	1311	6.4	11.3	8.91	344.3	353.21		0.4	0.1
11/14/2017	XX	GW302C394	1440	6.4	9	6.15	347.06	353.21	14.22	1.2	0.3
6/19/2018	XX	GW302C3AJ	1689	6.5	8.6	7.75	345.46	353.21		0.1	0.3
8/14/2018	XX	GW302C3D8	1491	6.5	13.8	7.1	346.11	353.21		2.5	0.2
11/28/2018	XX	GW302C3E7	1793	7.4	7.1	5.7	347.51	353.21	14.22	0.4	0.3
6/5/2019	XX	GW302C3G2	1483	6.5	7.4	6.31	346.9	353.21		6.6	0.5
8/13/2019	XX	GW302C3IB	1518	6.5	13.8	7.43	345.78	353.21		4.5	0.3
10/23/2019	XX	GW302C3JA	1305	6.7	9.7	6.86	346.35	353.21		0.4	0.2
6/17/2020	XX	GW302C415	1507	6.5	9.5	7.7	345.51	353.21		0.6	0.2
8/5/2020	XX	GW302C43E	1309	6.4	12.5	8.69	344.52	353.21		0.5	0.2
10/21/2020	XX	GW302C44D	1465	6.7	9.3	5.58	347.63	353.21	14.26	1.5	0.4
303A											
4/27/2000	XX	303AXX36643	1482	6.81	5.5		379.15				
8/2/2000	XX	303AXX36740	1354	6.65	8		375.57		43.58	0.51	2
10/25/2000	XX	303AXX36824	2070	6.62	9		374			0.5	0.8
5/9/2001	XX	303AXX37020	2650	6.57	9.4		377.37			0.5	0.3
7/25/2001	XX	303AXX37097	1808	6.56	12		373.91		43.63	0.6	0.82
10/17/2001	XX	303AXX37181	2460	6.55	12.1		372.54			0.8	0.46
5/16/2002	XX	303AXX37392	1837	6.79	7.6		377.36			1.4	1.58

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

(303A)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
8/1/2002	XX	303AXX37469	1560	6.48	11.2		374.75		43.57	0.5	0.65
10/17/2002	XX	303AXX37546	1998	6.56	10.1		373.48			1.9	0.2
6/23/2003	XX	303AXX37795	1473	6.69	8.2		376.6			0.3	0.5
8/19/2003	XX	303AXX37852	1611	6.57	9.2		375.49		43.61	0.4	0.63
10/14/2003	XX	303AXX37908	2040	6.58	8.8		376.34			0.5	0.67
5/3/2004	XX	303AXX38110	1737	6.59	7.7		377.08			1.2	0.42
8/17/2004	XX	303AXX38216	1929	6.39	9.7		375.24		43.56	0.6	1.21
10/19/2004	XX	303AXX38279	2260	6.56	8.4		374.61			0.9	0.31
5/18/2005	XX	GW303A00I	1610	6.65	7.3	11.68	377.97	389.65		0.9	0.5
8/15/2005	XX	GW303A02A	1093	6.64	6.6	14.77	374.88	389.65	43.57	0.5	0.3
11/3/2005	XX	GW303A042	1842	6.47	9	11.86	377.79	389.65		1.2	0.5
5/11/2006	XX	GW303A08I	1086	6.42	7.8		377.17			0.8	0.51
7/26/2006	XX	GW303A076	1065	6.48	10.5		376.84		43.45	1.2	0.6
10/24/2006	XX	GW303A05E	1410	6.42	9		376.96			0.1	0.6
5/15/2007	XX	GW303A0AA	1382	6.51	7.3		377.08			0.6	0.6
8/15/2007	XX	GW303A0C3	1111	6.54	9.2		374.67		43.62	0.22	0.5
10/29/2007	XX	GW303A0DF	1704	6.57	8.5		375.54			4.9	0.7
6/2/2008	XX	GW303A0G3	1195	6.68	7.4		376.6			0.1	0.3
8/13/2008	XX	GW303A0I3	993	6.57	10.4		377.44			0.1	0.6
10/20/2008	XX	GW303A0JB	1034	6.42	7.5		377.44			0.5	0.8
5/5/2009	XX	GW303A11B	1296	6.5	7.4	12.24	377.41	389.65		0.47	0.2
8/6/2009	XX	GW303A13B	994	6.14	10.6	11.4	378.25	389.65		0.13	0.7
10/21/2009	XX	GW303A14J	926	6.64	9.1	14.41	375.24	389.65		0.1	0.9
5/27/2010	XX	GW303A170	919	6.67	8.5		375.48			0.59	0.27
8/4/2010	XX	GW303A191	1037	6.29	10.6		374.33			0.55	0.64
10/14/2010	XX	GW303A1A9	1536	6.46	8		374.62			0.28	0.54
5/17/2011	XX	GW303A1E5	850	6.4	7.4	10.85	378.8	389.65	43.55	0.6	1.1
8/9/2011	XX	GW303A1FG	724	6.38	13.1	15.22	374.43	389.65	36.11	1	0.2
11/3/2011	XX	GW303A1H7	1024	6.3	9.8	12.88	376.77	389.65	43.6	1	1.4
5/17/2012	XX	GW303A1J1	911	6.4	8.7	11.58	378.07	389.65	43.45	0.4	0
8/15/2012	XX	GW303A20E	856	6.1	15.8	15.08	374.57	389.65		1	0.3
11/1/2012	XX	GW303A228	1120	6.6	9.4	11.05	378.6	389.65	43.62	0.6	0.4
5/21/2013	XX	GW303A242	875	6.6	8.4	13.48	376.17	389.65		1	0.4
7/24/2013	XX	GW303A25G	800	6.3	16	13.89	375.76	389.65		1	0.4
10/2/2013	XX	GW303A27A	818	6.9	10.8	14.28	375.37	389.65	43.85	0.6	1
6/3/2014	XX	GW303A294	846	6	9.6	13.01	376.64	389.65		1	0.3
8/20/2014	XX	GW303A2AI	811	7	12.8	15.24	374.41	389.65		1	0.3
11/12/2014	XX	GW303A2CC	1007	6.5	7.8	12.49	377.16	389.65	43.55	1	0.2
6/3/2015	XX	GW303A2E8	834	6.5	6.7	12.02	377.63	389.65		0.7	0.2
9/1/2015	XX	GW303A2G3	651	6.3	10.1	14.89	374.76	389.65		0.3	0.05 U
11/3/2015	XX	GW303A2HH	877	6.6	8.1	12.26	377.39	389.65	43.64	0.2	0.3
6/15/2016	XX	GW303A317	559	6.4	9	14.08	375.57	389.65		0.2	1.1
9/20/2016	XX	GW303A331	726	6.3	10.7	16.81	372.84	389.65		0.4	0.3
11/8/2016	XX	GW303A34F	936	6.5	8.5	17.58	372.07	389.65	43.55	0.3	0.2
6/13/2017	XX	GW303A36A	656	6.5	9.8	12.68	376.97	389.65		0.1	0.7
8/30/2017	XX	GW303A384	1143	6.9	8.5	15.55	374.1	389.65		0.2	0.2
11/15/2017	XX	GW303A39I	1028	6.7	7.4	13.25	376.4	389.65	43.55	0.9	0.3
6/20/2018	XX	GW303A3BD	1276	6.8	8.4	13.93	375.72	389.65		0.1	0.3
8/15/2018	XX	GW303A3E2	1285	6.7	10.1	14.9	374.75	389.65		0.2	0.2
11/27/2018	XX	GW303A3F1	1291	6.7	7.8	12.46	377.19	389.65	43.54	0.1	0.2

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

(303A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
6/4/2019	XX	GW303A3GG	830	6.7	7.7	11.76	377.89	389.65		0.1	0.3
8/14/2019	XX	GW303A3J5	556	6.6	9.7	14.73	374.92	389.65		3.9	0.2
10/22/2019	XX	GW303A404	771	6.7	7.7	15.9	373.75	389.65		3.5	0.2
6/16/2020	XX	GW303A41J	622	6.9	7.3	13.96	375.69	389.65		1.2	0.2
8/4/2020	XX	GW303A448	584	6.5	10	15.78	373.87	389.65		0.5	0.2
10/20/2020	XX	GW303A457	827	6.8	9	16.07	373.58	389.65	43.62	1.3	0.3
303B											
4/27/2000	XX	303BXX36643	808	6.59	5		381				
8/2/2000	XX	303BXX36740	1355	6.47	9		376.68		26.5	0.31	0.2
10/25/2000	XX	303BXX36824	2470	6.61	9		374.7			0.5	0.5
5/9/2001	XX	303BXX37020	1878	6.59	6.8		379.1			0.5	0.9
7/25/2001	XX	303BXX37097	1905	6.46	11		374.77		26.47	0.6	0.23
10/17/2001	XX	303BXX37181	2630	6.62	12.5		373.2			1.2	0.18
5/16/2002	XX	303BXX37392	1226	6.72	6.5		378.69			0.8	0.29
8/2/2002	XX	303BXX37470	1131	6.42	11.2		376.07		26.5	0.9	0.38
10/17/2002	XX	303BXX37546	2200	6.64	10.4		374.21			1.1	0.3
6/23/2003	XX	303BXX37795	1084	6.61	8.1		377.83			0.3	0.6
8/19/2003	XX	303BXX37852	1601	6.46	10.9		376.86		26.5	0.4	0.53
10/14/2003	XX	303BXX37908	2190	6.59	11.5		377.66			1.7	0.41
5/3/2004	XX	303BXX38110	1378	6.61	7		378.66			2	0.52
8/17/2004	XX	303BXX38216	1941	6.53	11.6		376.55		26.51	0.8	0.27
10/19/2004	XX	303BXX38279	2100	6.63	10.6		375.8			0.8	0.24
5/18/2005	XX	GW303B00J	990	6.7	6.6	9.94	379.68	389.62		0.7	0.6
8/15/2005	XX	GW303B02B	902	6.4	7.8	13.46	376.16	389.62	26.45	0.6	0.2
11/3/2005	XX	GW303B043	1604	6.5	10.2	10.11	379.51	389.62		0.6	0.5
5/11/2006	XX	GW303B08J	986	6.4	6.4		378.74			0.7	0.25
7/26/2006	XX	GW303B077	869	6.46	12.4		378.1		26.31	1.5	0.6
10/24/2006	XX	GW303B05F	1489	6.4	10.7		378.31			0.1	0.4
5/15/2007	XX	GW303B0AB	855	6.6	6.1		378.57			0.3	0.4
8/15/2007	XX	GW303B0C4	1116	6.41	9.7		375.75		26.5	0.5	0.3
10/29/2007	XX	GW303B0DG	1832	6.61	9.8		376.76			1.7	0.6
6/3/2008	XX	GW303B0G4	772	6.79	7.1		377.91			0.1	0.4
8/13/2008	XX	GW303B0I4	729	6.44	11.3		378.87			0.3	0.4
10/20/2008	XX	GW303B0JC	990	6.41	9.9		378.87			0.5	0.6
5/5/2009	XX	GW303B11C	844	6.47	6.2	10.73	378.89	389.62		0.5	0.4
8/6/2009	XX	GW303B13C	655	6.11	11.2	9.8	379.82	389.62		0.5	0.3
10/21/2009	XX	GW303B150	859	6.29	10.8	13.23	376.39	389.62		0.2	0.5
5/27/2010	XX	GW303B171	611	6.6	7.4		376.67			0.67	0.19
8/4/2010	XX	GW303B192	1061	6.43	10.8		375.3			0.59	0.27
10/14/2010	XX	GW303B1AA	1350	6.28	9.7		375.73			0.55	0.42
5/17/2011	XX	GW303B1E6	500	6.4	7.3	8.79	380.83	389.62	26.4	0.8	0.7
8/9/2011	XX	GW303B1FH	631	6.06	17	13.95	375.67	389.62	26.3	1	0.2
11/3/2011	XX	GW303B1H8	937	6.4	10.7	11.3	378.32	389.62	26.5	1	0.1
5/17/2012	XX	GW303B1J2	685	6.4	8.9	9.95	379.67	389.62	26.3	1	0
8/15/2012	XX	GW303B20F	711	5.9	17.9	13.98	375.64	389.62		1	0.7
11/1/2012	XX	GW303B229	1205	6.7	10.7	9.35	380.27	389.62	26.5	0.8	0.4
5/21/2013	XX	GW303B243	570	6.5	7.5	12.08	377.54	389.62		0.8	0.3
7/24/2013	XX	GW303B25H	536	6.3	15.8	12.59	377.03	389.62		1	0.2
10/2/2013	XX	GW303B27B	707	6.7	12.7	12.64	376.98	389.62	26.5	0.6	0.4

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

(303B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
6/3/2014	XX	GW303B295	589	6.2	8.4	11.6	378.02	389.62		1	0.3
8/20/2014	XX	GW303B2AJ	723	6.7	12.6	14.29	375.33	389.62		1	0.3
11/12/2014	XX	GW303B2CD	1143	6.5	9.1	10.85	378.77	389.62	21.05	1	0.3
6/3/2015	XX	GW303B2E9	632	6.5	6.2	10.25	379.37	389.62		1	0.1
9/1/2015	XX	GW303B2G4	559	6.3	11	13.55	376.07	389.62		0.8	0.05 U
11/3/2015	XX	GW303B2HI	718	6.5	9.3	10.64	378.98	389.62	26.5	0.6	0.2
6/15/2016	XX	GW303B318	383	6.2	8.7	12.68	376.94	389.62		0.5	0.3
9/20/2016	XX	GW303B332	851	6.3	12	15.83	373.79	389.62		1.1	0.3
11/8/2016	XX	GW303B34G	1069	6.3	9.8	16.9	372.72	389.62	26.49	0.3	0.2
6/13/2017	XX	GW303B36B	413	6.4	8.4	11.11	378.51	389.62		0.2	1.1
8/30/2017	XX	GW303B385	491	6.4	10.3	14.2	375.42	389.62		0.5	0.1
11/15/2017	XX	GW303B39J	1023	6.4	8.8	11.69	377.93	389.62	26.49	0.9	0.3
6/20/2018	XX	GW303B3BE	477	6.6	7.8	12.5	377.12	389.62		0.3	0.3
8/15/2018	XX	GW303B3E3	586	6.1	10.6	13.4	376.22	389.62		1.7	0.2
11/27/2018	XX	GW303B3F2	1279	6.8	8.5	10.64	378.98	389.62	26.47	1.3	0.3
6/4/2019	XX	GW303B3GH	456	6.7	6.7	9.45	380.17	389.62		2.4	0.2
8/14/2019	XX	GW303B3J6	423	6.4	10.2	13.34	376.28	389.62		4.2	0.3
10/22/2019	XX	GW303B405	800	6.4	9.1	14.9	374.72	389.62		4.2	0.3
6/16/2020	XX	GW303B420	455	6.6	6.8	12.42	377.2	389.62		0.9	0.2
8/4/2020	XX	GW303B449	562	6.3	10.2	14.74	374.88	389.62		0.7	0.2
10/20/2020	XX	GW303B458	933	6.5	9.6	15.45	374.17	389.62	26.58	1.6	0.2
304A											
5/3/2000	XX	304AXX36649	380	7.62	5.4		345.36				
8/9/2000	XX	304AXX36747	314	7.86	11		343.2		23.92	0.86	0.6
11/9/2000	XX	304AXX36839	358	7.91	13		344.4			0.68	0.2
5/16/2001	XX	304AXX37027	383	7.94	7.4		345.02			0.5	0.1
7/31/2001	XX	304AXX37103	310	7.71	14.5		341.82		23.92	0.7	0.2
10/23/2001	XX	304AXX37187	394	7.83	11.9		343.28			0.6	0.1
5/21/2002	XX	304AXX37397	387	7.48	9.7		345.31			0.8	0.2
7/30/2002	XX	304AXX37467	378	7.71	13.1		343.36		23.92	1.4	0.4
10/22/2002	XX	304AXX37551	473	7.5	10.5		345.05			0.8	0.2
6/24/2003	XX	304AXX37796	409	7.5	11.8		344.65			0.5	0.6
8/7/2003	XX	304AXX37840	383	7.45	13.8		344.67		23.91	0.5	0.34
10/21/2003	XX	304AXX37915	454	7.75	9.8		345.39			1	0.59
5/10/2004	XX	304AXX38117	447	7.6	7.1		345.13			0.8	0.31
7/28/2004	XX	304AXX38196	420	7.71	10		344.71		23.94	0.9	0.55
10/21/2004	XX	304AXX38281	456	7.82	10.3		344.27			0.7	0.2
5/10/2005	XX	GW304A010	450	7.35	6.9	4.46	345.86	350.32		0.6	0.3
7/28/2005	XX	GW304A02C	374	7.62	10.5	6.82	343.5	350.32	23.66	2.1	0.8
11/8/2005	XX	GW304A044	440	7.62	10.2	4.67	345.65	350.32		6.1	0.3
5/3/2006	XX	GW304A090	333	7.4	6		345.95			4.3	1.59
8/1/2006	XX	GW304A078	428	7.38	13.3		344.75		23.61	3.2	38
10/26/2006	XX	GW304A05G	374	7.43	10.3		345.47			2.5	4.7
5/8/2007	XX	GW304A0AC	343	7.04	6.2		345.37			0.7	0.7
8/7/2007	XX	GW304A0C5	338	7.47	11		343.07		23.35	1.3	0.7
10/31/2007	XX	GW304A0DH	402	7.2	9.5		344.9			1.5	0.8
6/3/2008	XX	GW304A0G5	367	7.64	7.4		345.12			0.2	0.3
8/18/2008	XX	GW304A0I5	367	7.29	12		345.05			0.7	0.5
10/23/2008	XX	GW304A0JD	343	7.38	9.2		345.05			1.1	0.4

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

(304A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
5/12/2009	XX	GW304A11D	341	7.29	6.6	4.81	345.51	350.32		1.2	0.3
8/11/2009	XX	GW304A13D	340	7.16	12.9	4.74	345.58	350.32		0.6	0.8
10/26/2009	XX	GW304A151	350	6.77	9.4	4.57	345.75	350.32		0.2	0.6
6/2/2010	XX	GW304A172	316	7.05	8.8		343.96			1.1	0.38
8/5/2010	XX	GW304A193	315	7.37	13.5		341.61			0.89	0.65
10/18/2010	XX	GW304A1AB	341	7.36	10.5		345.29			0.81	0.42
5/19/2011	XX	GW304A1DC	296	7.8	10.1	4.46	345.86	350.32	21.2	2	0.2
8/8/2011	XX	GW304A1F3	266	7.66	14.1	7.67	342.65	350.32	21.13	1	0
11/2/2011	XX	GW304A1GE	314	7.5	10.3	5.04	345.28	350.32	21.35	2	0.5
5/15/2012	XX	GW304A1I8	339	8.5	9.4	4.61	345.71	350.32	20.28	3	0.2
8/15/2012	XX	GW304A201	259	6.9	17.3	8.49	341.83	350.32		1	0.7
10/31/2012	XX	GW304A21F	300	7.5	13.6	3.85	346.47	350.32	21.32	1	0
5/21/2013	XX	GW304A239	301	7.8	9.3	5.12	345.2	350.32		2	0.1
7/25/2013	XX	GW304A253	273	6.6	13.6	6.57	343.75	350.32		2	0.3
10/2/2013	XX	GW304A26H	279	8.2	14.2	5.76	344.56	350.32	21.34	1	0.9
6/4/2014	XX	GW304A28B	270	7.8	10.1	4.91	345.41	350.32		1	0.4
8/20/2014	XX	GW304A2A5	260	7.9	14.2	6.98	343.34	350.32		2	1.2
11/12/2014	XX	GW304A2BJ	231	6.7	8.6	4.98	345.34	350.32	21.28	1	0.8
6/3/2015	XX	GW304A2DF	282	7.9	7.2	4.58	345.74	350.32		1.9	1
9/2/2015	XX	GW304A2FA	240	8	12.9	6.3	344.02	350.32		0.6	0.5
11/4/2015	XX	GW304A2H4	272	7.6	10.7	4.89	345.43	350.32	21.32	1.7	1
6/16/2016	XX	GW304A30E	252	7.8	10.2	5.84	344.48	350.32		1.6	1.7
9/21/2016	XX	GW304A328	265	7.9	13.1	9.35	340.97	350.32		1.8	0.5
11/8/2016	XX	GW304A342	246	7.4	9.9	7.43	342.89	350.32	21.34	1.8	0.8
6/14/2017	XX	GW304A35H	247	7.9	10.1	5.82	344.5	350.32		1.6	3
8/29/2017	XX	GW304A37B	248	7.8	10.8	8.98	341.34	350.32		2.6	0.5
11/14/2017	XX	GW304A395	243	7.2	9.3	10.8	339.52	350.32	21.34	2	0.4
6/21/2018	XX	GW304A3B0	263	8.1	8.5	7.03	343.29	350.32		1.6	5.1
8/15/2018	XX	GW304A3D9	285	8.1	15.5	7	343.32	350.32		1.9	0.6
11/30/2018	XX	GW304A3E8	277	8.8	7.8	4.81	345.51	350.32	21.34	8.5	0.8
6/5/2019	XX	GW304A3G3	241	8.2	9.8	5.28	345.04	350.32		4	0.5
8/14/2019	XX	GW304A3IC	233	8.1	11.7	7.71	342.61	350.32		3.6	0.6
10/24/2019	XX	GW304A3JB	275	7.9	10.3	4.6	345.72	350.32		0.3	0.8
6/17/2020	XX	GW304A416	211	6.9	10.8	6.85	343.47	350.32		0.7	0.5
8/5/2020	XX	GW304A43F	212	7.5	14.4	9.03	341.29	350.32		1	0.6
10/22/2020	XX	GW304A44E	282	7.5	11	5.19	345.13	350.32	21.38	1.7	0.9
304B											
5/3/2000	XX	304BXX36649	58	6.35	4.9		344.82				
8/9/2000	XX	304BXX36747	191	6.78	18		342.59		10.79	4.41	1.1
11/9/2000	XX	304BXX36839	222	6.64	9		343.84			4.72	0.9
5/16/2001	XX	304BXX37027	303	6.57	7.8		344.38			4.2	0.3
7/31/2001	XX	304BXX37103	D	D	D				10.77	D	D
10/23/2001	XX	304BXX37187	341	6.45	12.8		342.67			1.7	1.2
5/21/2002	XX	304BXX37397	208	6.54	9.8		344.74			9.1	0.9
7/30/2002	XX	304BXX37467	331	6.48	14.2		342.7		10.77	4.6	0.8
10/22/2002	XX	304BXX37551	327	6.48	11.7		344.53			3.6	1.2
6/24/2003	XX	304BXX37796	314	6.55	12.3		343.94			5.5	0.7
8/7/2003	XX	304BXX37840	259	6.37	15.2		344.03		10.81	4.5	1.01
10/21/2003	XX	304BXX37915	268	6.54	10.7		344.8			4.8	2.09

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

(304B)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
5/10/2004	XX	304BXX38117	226	6.9	7.6		344.38			7.3	0.79
7/28/2004	XX	304BXX38196	224	6.6	11.1		344.04		10.75	5	0.57
10/21/2004	XX	304BXX38281	219	6.69	11.4		343.57			3.4	0.37
5/10/2005	XX	GW304B011	152	6.89	7.5	4.35	345.2	349.55		8	1.1
7/28/2005	XX	GW304B02D	297	6.54	12.9	6.84	342.71	349.55	10.76	6	0.6
11/8/2005	XX	GW304B045	236	6.65	10.2	4.55	345	349.55		6.3	0.4
5/3/2006	XX	GW304B091	152.6	7.08	5.3		345.37			8.2	0.78
8/1/2006	XX	GW304B079	218	6.49	14.4		343.94		10.65	5.7	0.4
10/26/2006	XX	GW304B05H	212	6.7	11.1		344.76			5.2	0.4
5/8/2007	XX	GW304B0AD	186	6.93	5.8		344.51			7.2	0.5
8/7/2007	XX	GW304B0C6	245	6.65	13.2		342.18		10.76	4.8	0.7
10/31/2007	XX	GW304B0DI	238	6.49	10.9		344.11			5.5	1.2
6/5/2008	XX	GW304B0G6	144	6.42	8.2		344.29			7.2	0.4
8/18/2008	XX	GW304B0I6	111	5.86	13.7		344.14			3.3	0.8
10/23/2008	XX	GW304B0JE	131	6.36	10.4		344.14			2.6	2.2
5/12/2009	XX	GW304B11E	72.3	6.12	6.8	4.91	344.64	349.55		3.5	2
8/11/2009	XX	GW304B13E	184	5.46	14.4	4.81	344.74	349.55		4.3	1
10/26/2009	XX	GW304B152	119	6.85	9.2	4.57	344.98	349.55		3	17.5
6/2/2010	XX	GW304B173	117	7.19	9.9		343			5.27	0.84
8/5/2010	XX	GW304B194	152.7	6.47	15.3		340.73			4.17	8.21
10/18/2010	XX	GW304B1AC	129	5.79	11.2		344.51			2.91	4.29
5/19/2011	XX	GW304B1DD	63	6.4	8.7	4.5	345.05	349.55	10.63	5	2.1
8/8/2011	XX	GW304B1F4	127	6.34	14.6	7.81	341.74	349.55	10.63	5	0
11/2/2011	XX	GW304B1GF	130	6.2	10.3	5.15	344.4	349.55	10.84	2	0.5
5/15/2012	XX	GW304B1I9	71	6	9.4	4.5	345.05	349.55	10.93	4	0.6
8/15/2012	XX	GW304B202	223	5.8	17.2	8.65	340.9	349.55		4	1.9
10/31/2012	XX	GW304B21G	144	6.2	12.5	3.9	345.65	349.55	10.85	5	0
5/21/2013	XX	GW304B23A	127	7.2	8.1	5.27	344.28	349.55		5	0.3
7/25/2013	XX	GW304B254	138	5.8	16.8	6.75	342.8	349.55		5	1
10/2/2013	XX	GW304B26I	127	6.9	14.7	5.92	343.63	349.55	10.85	4	1.2
6/4/2014	XX	GW304B28C	112	7.5	10.8	6.12	343.43	349.55		5	0.6
8/20/2014	XX	GW304B2A6	114	7	14.9	6.96	342.59	349.55		5	0.3
11/12/2014	XX	GW304B2C0	61	6.3	8.3	5.1	344.45	349.55	10.75	4	0.4
6/3/2015	XX	GW304B2DG	44	6.6	9	4.65	344.9	349.55		2.3	0.2
9/2/2015	XX	GW304B2FB	103	6.6	15.6	6.45	343.1	349.55		5	0.05 U
11/4/2015	XX	GW304B2H5	80	6.5	10	4.92	344.63	349.55	10.85	4.6	2.4
6/16/2016	XX	GW304B30F	92	6.6	10.9	6.3	343.25	349.55		5.7	3.7
9/21/2016	XX	GW304B329	106	6.6	17.6	9.46	340.09	349.55		4.8	0.5
11/8/2016	XX	GW304B343	151	7.1	9.8	7.45	342.1	349.55	10.82	2.6	0.2
6/14/2017	XX	GW304B35I	108	6.7	10	6.1	343.45	349.55		8.3	1.2
8/29/2017	XX	GW304B37C	82	6.9	13.5	9.09	340.46	349.55		7	0.2
11/14/2017	XX	GW304B396	110	6.7	9.4	5.59	343.96	349.55	10.82	4	0.3
6/21/2018	XX	GW304B3B1	119	7.1	10.3	7.26	342.29	349.55		6	6.2
8/15/2018	XX	GW304B3DA	134	5.7	15.1	7.15	342.4	349.55		5.3	0.5
11/30/2018	XX	GW304B3E9	55	8	5.5	4.9	344.65	349.55	10.83	1.3	0.3
6/5/2019	XX	GW304B3G4	104	7	10.3	5.53	344.02	349.55		13.5	0.2
8/14/2019	XX	GW304B3ID	124	7.2	14.5	7.88	341.67	349.55		9.5	0.4
10/24/2019	XX	GW304B3JC	98	7.5	10.8	4.45	345.1	349.55		4.4	0.2
6/17/2020	XX	GW304B417	103	6.7	12.4	7.02	342.53	349.55		6.5	0.4
8/5/2020	XX	GW304B43G	116	6.6	15.8	9.18	340.37	349.55		4.6	0.2

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

(304B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/22/2020	XX	GW304B44F	41	6.9	11.1	5.14	344.41	349.55	10.88	2.7	0.5
401A											
5/3/2000	XX	401AXX36649	204	7.72	7		369.36				
8/10/2000	XX	401AXX36748	190	7.7	8		366.27		43.58	1.13	0.5
11/9/2000	XX	401AXX36839	196	7.89	8		366.4			0.67	1.6
5/17/2001	XX	401AXX37028	225	7.91	6.6		367.93			4.2	0.9
8/1/2001	XX	401AXX37104	216	7.73	10.1		365.2		43.58	2.1	0.3
10/24/2001	XX	401AXX37188	226	7.88	10.7		365.33			0.7	0.9
5/22/2002	XX	401AXX37398	216	7.84	8.7		368.22			5.4	1.4
7/30/2002	XX	401AXX37467	235	7.68	11		366.13		43.58	2.7	0.6
10/22/2002	XX	401AXX37551	240	7.84	9.4		366.19			2.2	0.4
6/25/2003	XX	401AXX37797	243	7.82	9.6		367.57			1.7	1.6
8/11/2003	XX	401AXX37844	236	7.83	11.1		367.14		43.57	2.6	0.25
10/21/2003	XX	401AXX37915	246	7.59	8.5		368.16			1.1	2.33
5/10/2004	XX	401AXX38117	249	7.84	8.3		368.16			5.8	0.29
7/29/2004	XX	401AXX38197	226	7.17	10.1		366.55		43.61	5.2	0.47
10/21/2004	XX	401AXX38281	230	7.87	10		366.15			2.9	0.4
5/9/2005	XX	GW401A012	226	7.98	7.3	5.69	369.79	375.48		7.4	0.3
7/28/2005	XX	GW401A02E	226	7.79	10.7	8.88	366.6	375.48	43.65	5.3	1.6
11/8/2005	XX	GW401A046	229	7.58	9.9	7.05	368.43	375.48		1.9	0.3
5/4/2006	XX	GW401A092	227	7.53	7.8		367.93			7.4	0.63
8/2/2006	XX	GW401A07A	234	7.66	11.4		367.33		43.34	5.6	1
10/30/2006	XX	GW401A05I	236	8.1	8.9		368.24			2.3	0.6
5/7/2007	XX	GW401A0AE	235	7.48	7.4		369.12			7.1	0.5
8/14/2007	XX	GW401A0C7	239	8.04	10.2		365.8		43.62	5.3	0.5
11/5/2007	XX	GW401A0DJ	245	7.84	8.7		367.38			3.7	1.1
6/5/2008	XX	GW401A0G7	240	7.6	7.7		367.52			6.2	0.2
8/20/2008	XX	GW401A0I7	246	7.48	10.9		368.11			4.1	0.7
10/27/2008	XX	GW401A0JF	241	7.58	9.3		368.11			2.7	1.1
5/13/2009	XX	GW401A11F	247	7.27	7.6	6.81	368.67	375.48		3	0.3
8/13/2009	XX	GW401A13F	252	7.17	10.6	7.31	368.17	375.48		4	0.9
10/28/2009	XX	GW401A153	259	7.32	8.3	7.9	367.58	375.48		3.3	0.6
6/3/2010	XX	GW401A174	251	7.8	8.3		366.53			5.59	0.34
8/17/2010	XX	GW401A195	259	7.94	11		364.57			4.55	0.54
10/19/2010	XX	GW401A1AD	265	7.48	8.6		366.51			2.52	0.26
5/16/2011	XX	GW401A1DE	337	7	6.6	6.36	369.12	375.48	43.6	6	0.2
8/8/2011	XX	GW401A1F5	241	7.62	12.3	9.52	365.96	375.48	43.5	4	0.2
11/1/2011	XX	GW401A1GG	253	7.4	9.94	7.67	367.81	375.48	43.66	2	0.4
5/14/2012	XX	GW401A1IA	265	8	8.7	6.56	368.92	375.48	43.5	5	0.3
8/14/2012	XX	GW401A203	182	6.4	12	9.66	365.82	375.48		3	1.3
11/1/2012	XX	GW401A21H	295	7.8	10.4	6.85	368.63	375.48	43.65	2	0.5
5/21/2013	XX	GW401A23B	312	8	8.3	8.1	367.38	375.48		5	0.8
7/22/2013	XX	GW401A255	270	7.9	10.9	8.51	366.97	375.48		5	0.9
9/30/2013	XX	GW401A26J	255	8.2	15	8.23	367.25	375.48	43.65	3	1.1
6/4/2014	XX	GW401A28D	266	7.7	11.2	7.65	367.83	375.48		5	0.2
8/19/2014	XX	GW401A2A7	266	7.8	12.6	9.68	365.8	375.48		5	0.5
11/11/2014	XX	GW401A2C1	259	7.3	8.3	7.28	368.2	375.48	43.61	3	0.8
6/2/2015	XX	GW401A2DH	291	8	6.9	6.95	368.53	375.48		5.2	0.2
9/1/2015	XX	GW401A2FC	255	7.9	10.6	8.2	367.28	375.48		4.2	0.8

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

(401A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
11/3/2015	XX	GW401A2H6	278	8	8.8	7.35	368.13	375.48		5.4	5
6/14/2016	XX	GW401A30G	269	7.8	8.3	8.54	366.94	375.48		6.1	1.1
9/20/2016	XX	GW401A32A	359	7.7	10.4	10.81	364.67	375.48		3.6	0.8
11/9/2016	XX	GW401A344	274	8	8.9	10.4	365.08	375.48	43.65	2.3	0.4
6/14/2017	XX	GW401A35J	258	8	8.9	7.68	367.8	375.48		5.5	3
8/29/2017	XX	GW401A37D	276	7.9	9.2	10.25	365.23	375.48		4.2	0.6
11/14/2017	XX	GW401A397	263	7.7	8.6	7.52	367.96	375.48	43.65	3.7	0.4
6/20/2018	XX	GW401A3B2	292	8.1	9.2	8.65	366.83	375.48		5.1	0.8
8/15/2018	XX	GW401A3DB	298	8.1	10.2	8.85	366.63	375.48		3.8	0.8
11/30/2018	XX	GW401A3EA	292	8	4.5	7.16	368.32	375.48	43.65	3.5	0.5
6/5/2019	XX	GW401A3G5	370	7.8	8.2	6.76	368.72	375.48		10.9	0.5
8/14/2019	XX	GW401A3IE	270	8.1	10	9.1	366.38	375.48		10.5	0.6
10/22/2019	XX	GW401A3JD	272	7.9	10.9	8.99	366.49	375.48		4.6	0.6
6/17/2020	XX	GW401A418	247	8	9.6	8.59	366.89	375.48		4.1	0.6
8/4/2020	XX	GW401A43H	246	7.4	9.8	10.22	365.26	375.48		5.5	0.5
10/21/2020	XX	GW401A44G	253	7.9	8.4	8.74	366.74	375.48	43.68	2.6	0.8
401B											
5/3/2000	XX	401BXX36649	343	7.86	4.9		366.33				
8/10/2000	XX	401BXX36748	323	8.03	5		363.28		25.92	0.51	0.2
11/9/2000	XX	401BXX36839	310	8.16	8		363.38			0.98	1.2
5/17/2001	XX	401BXX37028	350	8.2	6.6		364.97			1.2	20.3
8/1/2001	XX	401BXX37104	333	7.94	12		362.17		25.89	0.8	0.2
10/24/2001	XX	401BXX37188	347	8.07	10.8		362.32			0.9	11.9
5/22/2002	XX	401BXX37398	330	7.92	9.1		365.18			0.9	4.4
7/30/2002	XX	401BXX37467	360	8.06	10.4		363.28		25.89	1.5	1.5
10/22/2002	XX	401BXX37551	365	8.11	9.8		363.35			0.5	0.6
6/25/2003	XX	401BXX37797	368	8.06	8.7		364.54			0.4	1
8/11/2003	XX	401BXX37844	361	8.01	12.1		364.48		25.93	0.2	1
10/21/2003	XX	401BXX37915	383	8.26	8.4		365.25			0.4	0.85
5/10/2004	XX	401BXX38117	385	8.03	8.2		365.17			0.9	0.34
7/29/2004	XX	401BXX38197	345	7.98	10.8		363.93		23.95	1.6	0.42
10/21/2004	XX	401BXX38281	360	8.07	10.7		363.22			1.1	0.36
5/9/2005	XX	GW401B013	346	8.04	6.8	6.05	366.88	372.93		0.5	0.4
7/28/2005	XX	GW401B02F	346	7.95	10.3	9.27	363.66	372.93	25.92	1.1	1
11/8/2005	XX	GW401B047	356	7.9	10.7	7.45	365.48	372.93		1.6	1
5/4/2006	XX	GW401B093	345	7.76	7.9		365.28			1.9	0.58
8/2/2006	XX	GW401B07B	354	7.81	13.7		364.44		25.74	0.5	1.4
10/30/2006	XX	GW401B05J	362	7.98	9.7		365.68			0.1	0.6
5/7/2007	XX	GW401B0AF	358	7.75	7.4		366.02			0.1	0.6
8/14/2007	XX	GW401B0C8	361	8.05	11.1		362.73		25.89	0.1	0.6
11/5/2007	XX	GW401B0E0	377	8.16	9.2		365.04			0.7	1.3
6/5/2008	XX	GW401B0G8	359	7.95	8.7		364.56			0.2	0.2
8/20/2008	XX	GW401B0I8	364	7.82	11.5		365.09			0.1	0.4
10/27/2008	XX	GW401B0JG	360	7.81	9.8		365.09			0.1	0.7
5/13/2009	XX	GW401B11G	360	7.62	7.5	7.21	365.72	372.93		0.2	0.4
8/13/2009	XX	GW401B13G	370	7.52	10.7	7.82	365.11	372.93		0.1	0.8
10/28/2009	XX	GW401B154	380	7.83	8.9	8.11	364.82	372.93		0.1	0.6
6/3/2010	XX	GW401B175	364	7.8	8.2		363.52			0.12	0.37
8/17/2010	XX	GW401B196	377	8.07	12.1		361.37			0.35	0.37

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

(401B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
10/19/2010	XX	GW401B1AE	386	7.62	10.5		363.64			0.25	0.48
5/16/2011	XX	GW401B1DF	335	7.8	6.3	6.25	366.68	372.93	25.81	0.8	0
8/8/2011	XX	GW401B1F6	350	7.87	14.7	10.02	362.91	372.93	25.75	1	0.4
11/1/2011	XX	GW401B1GH	359	7.5	10.46	7.98	364.95	372.93	25.94	1	0.4
5/14/2012	XX	GW401B1IB	375	7.9	8.9	6.9	366.03	372.93	25.76	0.3	0.1
8/14/2012	XX	GW401B204	291	7.3	16.5	10.17	362.76	372.93		1	0.5
11/1/2012	XX	GW401B21I	403	7.6	10.6	8.1	364.83	372.93	25.93	0.4	7.3
5/21/2013	XX	GW401B23C	377	7.9	8.1	8.48	364.45	372.93		0.8	1.5
7/22/2013	XX	GW401B256	381	7.9	11.5	8.95	363.98	372.93		0.8	0.6
9/30/2013	XX	GW401B270	377	7	12.3	8.65	364.28	372.93	26.05	1	0.4
6/4/2014	XX	GW401B28E	375	7.7	11.6	8.15	364.78	372.93		1	0.3
8/19/2014	XX	GW401B2A8	377	7.9	11.9	10	362.93	372.93		0.6	0.5
11/11/2014	XX	GW401B2C2	366	7.2	9.2	7.57	365.36	372.93	25.9	1	0.4
6/2/2015	XX	GW401B2DI	397	7.9	6.6	7.34	365.59	372.93		0.5	0.2
9/1/2015	XX	GW401B2FD	366	7.9	11.8	8.6	364.33	372.93		0.3	0.8
11/3/2015	XX	GW401B2H7	438	8	9.3	7.65	365.28	372.93	25.93	2	6.6
6/14/2016	XX	GW401B30H	386	7.8	8.7	8.95	363.98	372.93		0.3	8.3
9/20/2016	XX	GW401B32B	390	7.8	11.3	11.43	361.5	372.93		0.4	0.6
11/9/2016	XX	GW401B345	395	7.9	9.7	10.85	362.08	372.93	25.92	0.3	0.2
6/14/2017	XX	GW401B360	373	8	8.5	8.18	364.75	372.93		0.8	2.3
8/29/2017	XX	GW401B37E	392	7.9	10.3	10.9	362.03	372.93		0.3	0.2
11/14/2017	XX	GW401B398	380	7.8	8.9	7.9	365.03	372.93	25.92	5.6	0.4
6/20/2018	XX	GW401B3B3	428	8.1	8.6	9.16	363.77	372.93		0.2	0.5
8/15/2018	XX	GW401B3DC	420	7.7	11.2	9.26	363.67	372.93		0.2	0.3
11/30/2018	XX	GW401B3EB	416	7.9	8.3	7.55	365.38	372.93	25.92	1.2	0.3
6/5/2019	XX	GW401B3G6	394	8	10	7.28	365.65	372.93		2.4	0.6
8/14/2019	XX	GW401B3IF	394	8	10.5	9.4	363.53	372.93		4.4	0.6
10/22/2019	XX	GW401B3JE	393	8	10	9.38	363.55	372.93		0.7	0.5
6/17/2020	XX	GW401B419	355	7.9	11.6	9.08	363.85	372.93		2.4	0.8
8/4/2020	XX	GW401B43I	358	7.6	12.2	10.79	362.14	372.93		0.7	0.3
10/21/2020	XX	GW401B44H	357	7.9	8.8	8.85	364.08	372.93	25.98	0.8	0.7
402A											
5/3/2000	XX	402AXX36649	210	8.03	4.7		401.66				
8/10/2000	XX	402AXX36748	198	8.03	9		401.12		62.81	0.55	0.3
11/9/2000	XX	402AXX36839	194	8.14	8		401.22			0.66	0.3
5/17/2001	XX	402AXX37028	224	8.24	7.2		401.25			0.4	0.1
8/1/2001	XX	402AXX37104	215	7.97	16.2		399.76		62.8	1.4	0.5
10/24/2001	XX	402AXX37188	221	8.08	10.9		400.66			0.8	0.5
5/22/2002	XX	402AXX37398	213	7.97	9		401.35			0.7	0.3
7/30/2002	XX	402AXX37467	228	7.95	12.2		400.79		62.8	0.9	0.9
10/22/2002	XX	402AXX37551	233	8.18	9.4		401.02			0.7	0.2
6/25/2003	XX	402AXX37797	242	7.6	10.1		401.1			0.4	0.7
8/11/2003	XX	402AXX37844	232	7.86	13.6		401.52		62.78	0.3	0.35
10/22/2003	XX	402AXX37916	239	8.2	6.8		401.92			0.7	0.57
5/11/2004	XX	402AXX38118	249	7.41	6.6		401.52			1.7	0.51
7/29/2004	XX	402AXX38197	227	7.57	11.8		401.18		62.82	2.2	0.11
10/26/2004	XX	402AXX38286	234	7.74	9.2		401.04			1	0.23
5/9/2005	XX	GW402A014	230	7.6	6	4.05	402.05	406.1		2.1	0.2
8/1/2005	XX	GW402A02G	229	7.64	10.1	5.3	400.8	406.1	62.84	3.4	0.7

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

(402A) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
11/9/2005	XX	GW402A048	235	7.91	8.3	4.58	401.52	406.1		1.8	0.4
5/4/2006	XX	GW402A094	229	7.77	7.6		401.91			2.8	0.4
8/2/2006	XX	GW402A07C	232	7.61	14.8		401.49		62.63	4.8	0.6
10/30/2006	XX	GW402A060	243	8.06	9		402			0.4	0.8
5/7/2007	XX	GW402A0AG	242	7.79	7.1		401.76			0.6	0.3
8/14/2007	XX	GW402A0C9	237	7.91	10.4		400.76		62.74	4.1	0.6
11/5/2007	XX	GW402A0E1	257	8.02	8.4		401.62			2	0.6
6/5/2008	XX	GW402A0G9	247	8.01	8.2		401.45			1.8	0.3
8/20/2008	XX	GW402A0I9	258	7.7	11.2		401.49			1	0.5
10/27/2008	XX	GW402A0JH	259	7.84	9.4		401.49			0.6	0.5
5/13/2009	XX	GW402A11H	264	7.67	7.1	4.35	401.75	406.1		0.5	0.3
8/13/2009	XX	GW402A13H	262	7.38	12.1	4.66	401.44	406.1		1.2	0.7
10/28/2009	XX	GW402A155	278	8	8.3	4.5	401.6	406.1		0.5	0.5
6/3/2010	XX	GW402A176	273	8.07	8.8		401.19			2.04	0.21
8/17/2010	XX	GW402A197	274	7.76	11.7		399.69			1.49	0.57
10/19/2010	XX	GW402A1AF	297	7.74	9.4		401.32			1.26	0.18
5/16/2011	XX	GW402A1DG	281	8	6.7	4.13	401.97	406.1	62.78	1	3.6
8/8/2011	XX	GW402A1F7	273	7.84	13.4	5.19	400.91	406.1	62.63	1	0
11/1/2011	XX	GW402A1GI	276	7.7	9.8	4.5	401.6	406.1	62.83	1	0.5
5/16/2012	XX	GW402A1IC	328	7.8	10.9	4.05	402.05	406.1	62.6	0.6	0
8/15/2012	XX	GW402A205	367	8	16.4	5.84	400.26	406.1		1	0
10/31/2012	XX	GW402A21J	315	7.4	12.4	4.15	401.95	406.1	62.83	1	0
5/20/2013	XX	GW402A23D	303	7.9	8.9	4.6	401.5	406.1		5	0.2
7/22/2013	XX	GW402A257	318	7.8	15.8	5.41	400.69	406.1		2	0.3
9/30/2013	XX	GW402A271	309	8.3	12.7	4.65	401.45	406.1	62.8	1	1.1
6/4/2014	XX	GW402A28F	347	7.9	11.8	4.8	401.3	406.1		1	0.4
8/19/2014	XX	GW402A2A9	331	7.9	11.8	5.2	400.9	406.1		1	0.5
11/11/2014	XX	GW402A2C3	313	7.1	7.2	4.37	401.73	406.1	62.75	1	0.3
6/4/2015	XX	GW402A2DJ	381	7.8	8.1	4.3	401.8	406.1		2.6	0.6
9/1/2015	XX	GW402A2FE	323	7.8	12	4.79	401.31	406.1		0.3	0.8
11/3/2015	XX	GW402A2H8	347	7.9	8.9	4.38	401.72	406.1	62.82	3.6	1
6/14/2016	XX	GW402A30I	353	7.6	8.7	4.75	401.35	406.1		1.5	2.2
9/20/2016	XX	GW402A32C	368	7.8	12.2	6.08	400.02	406.1		1.2	0.5
11/9/2016	XX	GW402A346	386	7.8	8.9	5.32	400.78	406.1	62.78	1.1	0.4
6/14/2017	XX	GW402A361	343	8	8.9	4.8	401.3	406.1		0.3	1.7
8/29/2017	XX	GW402A37F	379	7.9	10.2	6.3	399.8	406.1		2.5	0.6
11/15/2017	XX	GW402A399	343	7.7	8	4.72	401.38	406.1	62.76	1.5	0.4
6/20/2018	XX	GW402A3B4	418	8.1	9.3	4.95	401.15	406.1		0.1	0.6
8/15/2018	XX	GW402A3DD	407	7.6	12.8	4.92	401.18	406.1		1.6	0.3
11/28/2018	XX	GW402A3EC	439	8.1	7.6	4.28	401.82	406.1	62.75	0.4	0.6
6/5/2019	XX	GW402A3G7	410	7.7	9.4	4.33	401.77	406.1		0.4	0.8
8/13/2019	XX	GW402A3IG	385	7.9	10.9	5.18	400.92	406.1		6.8	0.8
10/22/2019	XX	GW402A3JF	376	7.8	10.1	4.51	401.59	406.1		3	0.3
6/17/2020	XX	GW402A41A	333	8	11.7	5.32	400.78	406.1		4.3	0.6
8/4/2020	XX	GW402A43J	346	7.3	12.6	5.97	400.13	406.1		3.2	0.6
10/21/2020	XX	GW402A44I	375	7.9	8.5	4.75	401.35	406.1	62.8	3.8	0.6
402B											
5/3/2000	XX	402BXX36649	1422	6.88	4		399.32				
8/10/2000	XX	402BXX36748	2130	6.72	7		398.69		22.81	0.39	0.1

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

(402B)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
11/9/2000	XX	402BXX36839	1913	6.86	8		398.82			0.6	0.3
5/17/2001	XX	402BXX37028	2180	6.9	6.8		398.86			0.5	0.1
8/1/2001	XX	402BXX37104	2040	6.69	13.2		397.37		22.87	1.2	0.1
10/24/2001	XX	402BXX37188	2030	6.79	10.8		398.79			6.1	0.1
5/22/2002	XX	402BXX37398	1858	6.82	9.4		399.08			0.7	0.1
8/7/2002	XX	402BXX37475	2030	6.72	11.1		398.05		22.87	0.4	0.2
10/24/2002	XX	402BXX37553	1996	6.92	9.6		398.87			1.1	0.2
6/25/2003	XX	402BXX37797	1968	6.83	8.9		398.53			0.3	0.2
8/11/2003	XX	402BXX37844	1905	6.83	11.6		399.21		22.77	0.4	0.14
10/22/2003	XX	402BXX37916	1858	6.89	7.6		399.74			0.6	0.3
5/11/2004	XX	402BXX38118	1828	6.91	5.9		399.06			1.7	0.19
8/2/2004	XX	402BXX38201	1631	6.73	10.4		398.63		22.78	1.5	0.2
10/26/2004	XX	402BXX38286	1670	6.83	10		398.62			1	0.19
5/9/2005	XX	GW402B015	1175	6.96	5.6	6.63	399.81	406.44		0.3	0.1
8/1/2005	XX	GW402B02H	1520	6.72	9.4	8.18	398.26	406.44	22.81	0.4	0.3
11/9/2005	XX	GW402B049	1514	6.89	9.4	7.32	399.12	406.44		0.5	0.3
5/5/2006	XX	GW402B095	1349	6.98	6.3		399.67			0.3	0.44
8/2/2006	XX	GW402B07D	1465	6.94	12.2		398.97		22.58	1.1	0.7
10/30/2006	XX	GW402B061	1368	6.96	10.1		399.75			0.1	0.5
5/7/2007	XX	GW402B0AH	1344	6.98	6.1		399.33			0.1	1
8/14/2007	XX	GW402B0CA	1384	7.02	10.2		398.27		22.78	0.2	0.4
11/5/2007	XX	GW402B0E2	1183	7.03	9.6		399.72			1.2	0.5
6/11/2008	XX	GW402B0GA	1330	6.93	7		399.09			0.2	0.2
8/20/2008	XX	GW402B0IA	1341	6.91	10.8		398.76			0.3	0.7
10/27/2008	XX	GW402B0JI	1293	6.91	10.4		398.76			0.4	0.6
5/13/2009	XX	GW402B11I	1280	6.98	6.2	7.05	399.39	406.44		0.4	0.4
8/13/2009	XX	GW402B13I	1282	6.77	10.6	4.47	401.97	406.44		0.2	0.6
10/28/2009	XX	GW402B156	1290	7.02	9.4	7.05	399.39	406.44		0.1	0.2
6/3/2010	XX	GW402B177	1233	7.13	7.4		398.78			0.1	0.81
8/17/2010	XX	GW402B198	1259	6.89	11.2		397.37			0.1	0.42
10/19/2010	XX	GW402B1AG	1293	6.82	10.2		399.13			0.19	0.22
5/16/2011	XX	GW402B1DH	1000	6.9	6	6.4	400.04	406.44	22.58	1	1
8/8/2011	XX	GW402B1F8	1138	6.6	13.7	7.93	398.51	406.44	22.6	1	0
11/1/2011	XX	GW402B1GJ	1166	6.8	10.4	7.22	399.22	406.44	22.78	1	0.2
5/16/2012	XX	GW402B1ID	1001	6.9	9.4	6.72	399.72	406.44	22.59	0.6	0.4
8/15/2012	XX	GW402B206	1168	6.9	13.3	8.33	398.11	406.44		1	0
10/31/2012	XX	GW402B220	1118	7	12.2	6.39	400.05	406.44	22.8	0.4	0
5/20/2013	XX	GW402B23E	1151	6.9	7.3	7.35	399.09	406.44		0.8	0.5
7/22/2013	XX	GW402B258	1183	6.5	14.2	8.44	398	406.44		1	0.2
9/30/2013	XX	GW402B272	1140	7	12.4	7.6	398.84	406.44	22.8	0.6	0.3
6/4/2014	XX	GW402B28G	1146	6.9	11.2	7.78	398.66	406.44		1	0.1
8/19/2014	XX	GW402B2AA	1117	7.3	13.4	7.85	398.59	406.44		0.6	0.4
11/11/2014	XX	GW402B2C4	1084	6.7	8.6	7.02	399.42	406.44	22.73	1	0.4
6/4/2015	XX	GW402B2E0	1183	6.9	7.1	7.01	399.43	406.44		0.3	0.2
9/1/2015	XX	GW402B2FF	1092	6.9	11.7	7.6	398.84	406.44		0.3	0.05 U
11/3/2015	XX	GW402B2H9	1110	7	9.6	7.83	398.61	406.44	22.8	0.8	1
6/14/2016	XX	GW402B30J	1117	6.7	7.8	7.49	398.95	406.44		0.2	0.5
9/20/2016	XX	GW402B32D	1120	6.8	11.5	8.78	397.66	406.44		0.2	0.3
11/9/2016	XX	GW402B347	1118	7	9.5	7.74	398.7	406.44	22.8	0.2	0.3
6/14/2017	XX	GW402B362	1033	6.9	7.5	7.78	398.66	406.44		0.2	2.8

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

(402B) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
8/29/2017	XX	GW402B37G	1070	6.9	9.8	9.25	397.19	406.44		0.1	0.2
11/15/2017	XX	GW402B39A	1066	6.9	9.1	7.41	399.03	406.44	22.8	0.3	0.3
6/20/2018	XX	GW402B3B5	1160	7.1	7.9	7.92	398.52	406.44		0.2	0.6
8/15/2018	XX	GW402B3DE	1165	6.8	10.4	7.9	398.54	406.44		0.1	0.6
11/28/2018	XX	GW402B3ED	997	7.3	8.4	7.22	399.22	406.44	22.8	0.4	0.6
6/5/2019	XX	GW402B3G8	1007	7	7.5	7.33	399.11	406.44		0.4	0.5
8/13/2019	XX	GW402B3IH	1016	7.1	10.8	7.68	398.76	406.44		1.6	0.8
10/22/2019	XX	GW402B3JG	1000	7	10	7.53	398.91	406.44		1.9	0.6
6/17/2020	XX	GW402B41B	894	6.9	11.9	8.2	398.24	406.44		0.8	0.5
8/4/2020	XX	GW402B440	880	7.2	11.6	8.65	397.79	406.44		2.2	0.4
10/21/2020	XX	GW402B44J	895	7.1	9.3	7.12	399.32	406.44	22.81	0.9	0.6
LDS											
6/10/2008	XX	LDSXX39597	911	7.44	14.2						
8/19/2008	XX	LDSXX39687	981	6.87	16.2						
10/22/2008	XX	LDSXX39736	1058	6.83	9.8						
5/7/2009	XX	LDSXX39940	1558	7.38	9.1						5.9
8/12/2009	XX	LDSXX40037	1454	6.83	16.3						
10/27/2009	XX	LDSXX40113	1498	6.57	7.9						
6/7/2010	XX	GWXXXX1B8	1684	7.39	17.5						
8/18/2010	XX	GWXXXX1B9	1773	7.62	18.4						
10/21/2010	XX	GWXXXX1BA	1580	6.81	10.8						
5/18/2011	XX	LTXXXX1EF	887	7	13.9					0.8	1.8
8/10/2011	XX	LTXXXX1G6	1046	6.96	17.2					1	1.4
11/2/2011	XX	LTXXXX1HH	1018	6.8	10.4					1	0.9
5/14/2012	XX	LTXXXX1JB	1528	7	13.4					0.6	0.7
8/14/2012	XX	LTXXXX214	1125	6.9	19.2					2	0
10/30/2012	XX	LTXXXX22I	1356	6.9	13.4					2	1.8
5/21/2013	XX	LTXXXX24C	1371	7.1	16.9					6	3.5
7/25/2013	XX	LTXXXX266	1383	6.9	21.4					3	5
10/1/2013	XX	LTXXXX280	1346	7.1	20.8					1	0.8
6/5/2014	XX	LTXXXX29E	1664	7.2	13.7					1	3.1
8/21/2014	XX	LTXXXX2B8	915	7.8	18.6					2	1.8
11/13/2014	XX	LTXXXX2D2	975	6.9	7					1	1.8
6/4/2015	XX	LTXXXX2EI	1018	7	13.6					1.8	2.2
9/3/2015	XX	LTXXXX2GD	918	7.1	23					1.1	2.2
11/5/2015	XX	LTXXXX2I7	914	7	9.4					2.1	2.8
6/16/2016	XX	LTXXXX31H	1014	6.8	19.8					1.3	1
9/22/2016	XX	LTXXXX33B	1053	7.5	18					0.5	2.6
11/10/2016	XX	LTXXXX355	995	7.1	8.8					1.4	0.8
6/15/2017	XX	LTXXXX370	1304	7	17.7					0.7	1.1
8/31/2017	XX	LTXXXX38E	1140	7.1	18.5					1.5	1.3
11/16/2017	XX	LTXXXX3A8	1078	6.9	7.1					2	2.7
6/21/2018	XX	LTXXXX3C3	1352	7	19.3					0.3	2.1
8/16/2018	XX	LTXXXX3CI	1282	6.7	21.4					0.5	1.8
11/29/2018	XX	LTXXXX3FB	1689	6.9	7.1					2.9	0.6
6/6/2019	XX	LTXXXX3H6	1497	7.1	20.3					3.4	0.6
8/15/2019	XX	LTXXXX3I1	1408	7.1	23.9					2.5	1.6
10/24/2019	XX	LTXXXX40E	1162	7.2	11.8					0.5	0.8
6/18/2020	XX	LTXXXX429	1415	7.3	22.3					2.5	0.8

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

(LDS) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU						
8/6/2020	XX	LTXXXX434	1099	7	22					1.7	0.9						
10/22/2020	XX	LTXXXX45H	1193	7.1	11.5					2.2	0.8						
LP																	
5/3/2000	XX	LPXX36649	2068	6.88	7.7												
8/9/2000	XX	LPXX36747	2940	7.47	18												
11/8/2000	XX	LPXX36838	3330	7.75	10.1												
5/16/2001	XX	LPXX37027	3610	7.63	12												
7/31/2001	XX	LPXX37103	4760	7.11	20.2												
10/23/2001	XX	LPXX37187	4560	7.35	11.3												
5/21/2002	XX	LPXX37397	2590	7.1	12.2												
8/6/2002	XX	LPXX37474	3760	7.44	20.6												
10/24/2002	XX	LPXX37553	3250	7.57	8.3												
6/26/2003	XX	LPXX37798	2320	7.43	24.9												
8/13/2003	XX	LPXX37846	2190	7.36	23.4												
10/22/2003	XX	LPXX37916	1751	7.52	7.4												
5/6/2004	XX	LPXX38113	1805	6.76	10.8												
7/27/2004	XX	LPXX38195	2250	7.49	16.9												
10/25/2004	XX	LPXX38285	2680	7.67	10.1												
5/12/2005	XX	LTLPXX002	1791	7.34	11.5												
7/25/2005	XX	LTLPXX01E	2500	7.59	20.6												
11/9/2005	XX	LTLPXX036	2500	7.59	20.6												
5/2/2006	XX	LTLPXX082	1941	6.83	9.6												
8/3/2006	XX	LTLPXX06A	1638	7.25	22.4												
10/18/2006	XX	LTLPXX04I	2050	7.53	10.6												
5/21/2007	XX	LTLPXX09E	1718	6.8	9												
8/8/2007	XX	LTLPXX0B7	A	A	A					A	A						
11/6/2007	XX	LTLPXX0CJ	1772	7.06	7.1												
5/27/2008	XX	LTLPXX0F7	1806	7.58	20.4												
8/19/2008	XX	LTLPXX0H7	1755	7.38	20												
10/22/2008	XX	LTLPXX0IF	2070	7.59	6.3												
5/7/2009	XX	LTLPXX10F	2070	7.09	10.4												
8/12/2009	XX	LTLPXX12F	2320	6.88	18												
10/27/2009	XX	LTLPXX143	1570	6.46	7.9												
6/7/2010	XX	LTLPXX164	2090	7.12	16.4						D3						
8/18/2010	XX	LTLPXX185	3120	7.84	20.8						D3						
10/21/2010	XX	LTLPXX19D	2290	6.98	9.9						D3						
5/18/2011	XX	LTXXXX1ED	1055	6.8	10.7					8	74.3						
8/10/2011	XX	LTXXXX1G4	2200	8.46	18.8					10	55.6						
11/2/2011	XX	LTXXXX1HF	1904	7	9.6					5	45.4						
5/14/2012	XX	LTXXXX1J9	1182	6.9	18.2					5	62.4						
8/15/2012	XX	LTXXXX212	1828	8.3	24.4					8	63.6						
10/30/2012	XX	LTXXXX22G	1405	7.4	13.4					6	4.2						
5/21/2013	XX	LTXXXX24A	1560	7.7	16					6	20						
7/25/2013	XX	LTXXXX264	1379	7.8	23					6	26.5						
10/1/2013	XX	LTXXXX27I	1600	7.4	24.9					6	6.5						
6/5/2014	XX	LTXXXX29C	1648	7.7	15.7					4	5.8						
8/21/2014	XX	LTXXXX2B6	2730	7.7	18.2					6	8.2						
11/13/2014	XX	LTXXXX2D0	1210	7	6.6					4	8.4						
6/4/2015	XX	LTXXXX2EG	1202	7.1	15.1					6.8	13.8						

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

(LP) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU						
9/3/2015	XX	LTXXXX2GB	1600	8	26.8					8.4	18.6						
11/5/2015	XX	LTXXXX2I5	1172	7.2	9.2					5.8	12.8						
6/16/2016	XX	LTXXXX31F	1806	7.7	20.5					6.6	23.1						
9/22/2016	XX	LTXXXX339	2171	8.2	20.6					10.7	5.8						
11/10/2016	XX	LTXXXX353	2346	7.6	6.3					7.4	6.8						
6/15/2017	XX	LTXXXX36I	1650	7.8	20.6					6.9	12.2						
8/31/2017	XX	LTXXXX38C	2829	7.7	18.1					6.9	8.4						
11/16/2017	XX	LTXXXX3A6	1170	7.7	4.1					8.5	6.7						
6/21/2018	XX	LTXXXX3C1	2070	7.9	23.2					9.6	14.5						
8/16/2018	XX	LTXXXX3CG	1677	7.9	25.5					13.9	4.6						
11/29/2018	XX	LTXXXX3F9	630	7.7	1.7					2.4	0.8						
6/6/2019	XX	LTXXXX3H4	1182	7.4	23.4					12.4	12.6						
8/15/2019	XX	LTXXXX3HJ	1875	7.9	25.2					6.6	6.7						
10/24/2019	XX	LTXXXX40C	1549	7.7	11					5.4	2.6						
6/18/2020	XX	LTXXXX427	1511	7.7	28.7					5.2	3.1						
8/6/2020	XX	LTXXXX432	1733	8.1	24					3.7	5.6						
10/22/2020	XX	LTXXXX45F	1073	7.3	10.7					5.6	2.1						
LPD2																	
5/19/2005	XX	LTLPD2003	246	7.31	10.8					9.6	5.4						
8/2/2005	XX	LTLPD201F	642	6.67	16.6					10.3	18.5						
10/26/2005	XX	LTLPD2037	292	7.64	8.4					4.3	11.8						
5/10/2006	XX	LTLPD2083	204	6.87	12.8					7	3.68						
7/24/2006	XX	LTLPD206B	199	6.99	21.6					7.5	9						
10/10/2006	XX	LTLPD204J	582	8.29	10					12.3	25.8						
5/21/2007	XX	LTLPD209F	200	7.23	9.7					8.4	2.2						
8/6/2007	XX	LTLPD20B8	597	7.19	20.6					6.46	39						
10/24/2007	XX	LTLPD20D0	200	7.37	11.7					9.6	4.8						
5/28/2008	XX	LTLPD20F8	280	6.96	13.7					7.9	5.4						
8/11/2008	XX	LTLPD20H8	236	7.08	18.4					3	2.5						
10/15/2008	XX	LTLPD20IG	243	7.11	9.7					3.8	5.1						
5/6/2009	XX	LTLPD210G	202	6.72	11.7					6.8	3.4						
8/4/2009	XX	LTLPD212G	177	6.6	19.6					5.45	2.4						
10/19/2009	XX	LTLPD2144	198	6.67	4.6					6.1	4.7						
5/25/2010	XX	LTLPD2165	344	6.97	19.4					4.25	6.53						
8/2/2010	XX	LTLPD2186	479	6.91	16.8						54						
10/12/2010	XX	LTLPD219E	232	7.13	9.1					6.61	5.61						
5/18/2011	XX	LTXXXX1EE	94	7.8	9.9					6	1.2						
8/10/2011	XX	LTXXXX1G5	588	7.49	19					1	25.8						
11/2/2011	XX	LTXXXX1HG	413	6.3	8.8					3	55.3						
5/14/2012	XX	LTXXXX1JA	143	6.8	12.9					5	1.4						
8/14/2012	XX	LTXXXX213	503	7.3	21.1					3	22.3						
10/30/2012	XX	LTXXXX22H	729	6.7	14.6					6	0						
5/21/2013	XX	LTXXXX24B	112	6.7	15.1					5	3.1						
7/25/2013	XX	LTXXXX265	220	7.6	19.1					5	5.3						
10/1/2013	XX	LTXXXX27J	265	6.9	20.4					3	2.1						
6/5/2014	XX	LTXXXX29D	181	6.9	16.5					1	2.8						
8/21/2014	XX	LTXXXX2B7	461	7.9	16.9					5	5.7						
11/13/2014	XX	LTXXXX2D1	314	7	2.8					1	4.6						
6/4/2015	XX	LTXXXX2EH	133	7.6	11.9					5.7	2.6						

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

(LPD2)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
9/3/2015	XX	LTXXXX2GC	249	8.2	20.5					4.9	1.9
11/5/2015	XX	LTXXXX2I6	334	6.6	8.6					6.4	4.8
6/16/2016	XX	LTXXXX31G	517	6.5	16.7					5.9	17.6
9/22/2016	XX	LTXXXX33A	D	D	D					D	D
11/10/2016	XX	LTXXXX354	D	D	D					D	D
6/15/2017	XX	LTXXXX36J	162	7.4	16.9					4.9	7.9
8/31/2017	XX	LTXXXX38D	523	8	14.9					2	8.2
11/16/2017	XX	LTXXXX3A7	285	6.8	3.7					3.4	5.6
6/21/2018	XX	LTXXXX3C2	352	7	18.4					4.6	8.1
8/16/2018	XX	LTXXXX3CH	300	7.5	20.5					2.9	1.3
11/29/2018	XX	LTXXXX3FA	299	7.5	1.8					2.8	1.2
6/6/2019	XX	LTXXXX3H5	123	7.8	19.3					8.5	0.8
8/15/2019	XX	LTXXXX3I0	451	7.5	18.1					0.5	2.6
10/24/2019	XX	LTXXXX40D	231	7.6	11.5					2.3	2.1
6/18/2020	XX	LTXXXX428	343	7	21.4					3.2	1.6
8/6/2020	XX	LTXXXX433	476	7.5	21.9					4.2	3.6
10/22/2020	XX	LTXXXX45G	172	6.6	10.1					6.5	1.3
ND											
5/3/2000	XX	NDXX36649	D	D	D						
8/9/2000	XX	NDXX36747	D	D	D						
11/8/2000	XX	NDXX36838	D	D	D						
5/16/2001	XX	NDXX37027	D	D	D					D	D
7/31/2001	XX	NDXX37103	D	D	D					D	D
10/23/2001	XX	NDXX37187	D	D	D					D	D
5/21/2002	XX	NDXX37397	D	D	D					D	D
7/30/2002	XX	NDXX37467	D	D	D					D	D
10/22/2002	XX	NDXX37551	D	D	D					D	D
6/23/2003	XX	NDXX37795	D	D	D					D	D
8/13/2003	XX	NDXX37846	D	D	D					D	D
10/20/2003	XX	NDXX37914	D	D	D					D	D
5/6/2004	XX	NDXX38113	D	D	D					D	D
7/27/2004	XX	NDXX38195	D	D	D					D	D
10/25/2004	XX	NDXX38285	D	D	D					D	D
5/12/2005	XX	SWNDXX016	D	D	D					D	D
7/25/2005	XX	SWNDXX02I	D	D	D					D	D
11/10/2005	XX	SWNDXX04A	162	8.58	2.8					14.5	16.5
5/2/2006	XX	SWNDXX096	138.5	6.86	11.5					12.7	158
8/3/2006	XX	SWNDXX07E	D	D	D					D	D
10/18/2006	XX	SWNDXX062	D	D	D					D	D
5/21/2007	XX	SWNDXX0AI	D	D	D		D			D	D
8/8/2007	XX	SWNDXX0CB	D	D	D					D	D
11/6/2007	XX	SWNDXX0E3	D	D	D					D	D
6/11/2008	XX	SWNDXX0GB	264	7.57	19.9					7.6	9.4
8/19/2008	XX	SWNDXX0IB	D	D	D		D			D	D
10/22/2008	XX	SWNDXX0JJ	D	D	D					D	D
5/18/2009	XX	SWNDXX11J	D	D	D					D	D
8/17/2009	XX	SWNDXX13J	D	D	D					D	D
10/29/2009	XX	SWNDXX157	D	D	D					D	D
6/7/2010	XX	SWNDXX178	259	8.27	21.4					7.01	1.76

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

(ND) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU						
8/18/2010	XX	SWNDXX199	D	D	D					D	D						
10/21/2010	XX	SWNDXX1AH	D	D	D					D	D						
5/18/2011	XX	SWXXXX1E9	186	7.5	9.4					6	0.4						
8/10/2011	XX	SWXXXX1G0	D	D	D					D	D						
11/2/2011	XX	SWXXXX1HB	D	D	D					D	D						
5/14/2012	XX	SWXXXX1J5	D	D	D					D	D						
8/14/2012	XX	SWXXXX20I	F6	F6	F6					F6	F6						
10/29/2012	XX	SWXXXX22C	D	D	D					D	D						
5/21/2013	XX	SWXXXX246	D	D	D					D	D						
7/24/2013	XX	SWXXXX260	D	D	D					D	D						
10/1/2013	XX	SWXXXX27E	D	D	D					D	D						
6/5/2014	XX	SWXXXX298	D	D	D					D	D						
8/21/2014	XX	SWXXXX2B2	D	D	D					D	D						
11/13/2014	XX	SWXXXX2CG	D	D	D					D	D						
6/4/2015	XX	SWXXXX2EC	D	D	D					D	D						
9/3/2015	XX	SWXXXX2G7	D	D	D					D	D						
11/5/2015	XX	SWXXXX2I1	I	I	I					I	I						
6/16/2016	XX	SWXXXX31B	D	D	D					D	D						
9/22/2016	XX	SWXXXX335	D	D	D					D	D						
11/10/2016	XX	SWXXXX34J	D	D	D					D	D						
6/15/2017	XX	SWXXXX36E	D	D	D					D	D						
8/31/2017	XX	SWXXXX388	D	D	D					D	D						
11/16/2017	XX	SWXXXX3A2	D	D	D					D	D						
6/21/2018	XX	SWXXXX3BH	D	D	D					D	D						
8/16/2018	XX	SWXXXX3CC	D	D	D					D	D						
11/29/2018	XX	SWXXXX3F5	D	D	D					D	D						
6/6/2019	XX	SWXXXX3H0	D	D	D					D	D						
8/15/2019	XX	SWXXXX3HF	D	D	D					D	D						
10/24/2019	XX	SWXXXX408	I	I	I					I	I						
6/18/2020	XX	SWXXXX423	D	D	D					D	D						
8/6/2020	XX	SWXXXX42I	D	D	D					D	D						
10/22/2020	XX	SWXXXX45B	D	D	D	D	D	D	D	D	D						
PBFR																	
5/14/2012	XX	SWXXXX1J4	108	6.8	11.4					6	0.1						
8/14/2012	XX	SWXXXX20H	99	7.1	20.1					5	11.6						
10/29/2012	XX	SWXXXX22B	133	6.9	12.4					5	5.9						
5/21/2013	XX	SWXXXX245	50	7.3	13.8					6	1						
7/24/2013	XX	SWXXXX25J	57	6.3	22.8					5	1.8						
10/1/2013	XX	SWXXXX27D	70	6.4	13.7					5	1.2						
6/5/2014	XX	SWXXXX297	45	7.2	19.7					5	0.9						
8/21/2014	XX	SWXXXX2B1	49	7.5	19.8					6	2.1						
11/13/2014	XX	SWXXXX2CF	78	7.1	4.3					5	1.2						
6/4/2015	XX	SWXXXX2EB	112	7.5	12.3					6.9	1.5						
9/3/2015	XX	SWXXXX2G6	74	7.9	21.5					4	1.7						
11/5/2015	XX	SWXXXX2I0	55	7.6	6.3					9.2	1.1						
6/16/2016	XX	SWXXXX31A	54	7.9	17.2					5.6	2.3						
9/22/2016	XX	SWXXXX334	70	8.2	17.1					4.7	1.7						
11/10/2016	XX	SWXXXX34I	109	8.6	4.4					9.3	1.1						
6/15/2017	XX	SWXXXX36D	65	8.2	18					5.4	1.4						

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

(PBFR) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU						
8/31/2017	XX	SWXXXX387	84	8.4	17.8					5.6	2.7						
11/16/2017	XX	SWXXXX3A1	89	7.6	1.2					9.7	5.4						
6/21/2018	XX	SWXXXX3BG	60	8.2	20.8					5	1.3						
8/16/2018	XX	SWXXXX3CB	67	7.1	23.1					3.7	1.1						
11/29/2018	XX	SWXXXX3F4	332	7.6	1.9					9.1	1.1						
6/6/2019	XX	SWXXXX3GJ	156	7.3	21.5					5.8	0.6						
8/15/2019	XX	SWXXXX3HE	61	8	21.7					8.1	0.8						
10/24/2019	XD	SWDP3X40G	378	3.8	11.6					7.1	0.8						
6/18/2020	XX	SWXXXX422	53	7.6	26.4					5	1.1						
8/6/2020	XX	SWXXXX42H	56	8.3	22.9					6.1	1.2						
10/22/2020	XX	SWXXXX45A	105	7.9	10					11.3	0.8						
PBFB																	
5/3/2000	XX	PBFBXX36649	50	6.61	12.2												
8/9/2000	XX	PBFBXX36747	56	6.35	21												
11/8/2000	XX	PBFBXX36838	44	7.29	9.7												
5/16/2001	XX	PBFBXX37027	37	6.75	10.5					8.4	1.7						
7/31/2001	XX	PBFBXX37103	47	7.38	28.7					7.3	2.8						
10/24/2001	XX	PBFBXX37188	147	6.96	12					5.5	2.5						
5/21/2002	XX	PBFBXX37397	322	7.13	14					9.1	0.5						
8/6/2002	XX	PBFBXX37474	63.5	7.03	21.3					2.9	2.7						
10/24/2002	XX	PBFBXX37553	70	6.42	4.8					3.7	0.7						
6/26/2003	XX	PBFBXX37798	48	6.81	23.2					7.43	1.8						
8/13/2003	XX	PBFBXX37846	48.7	7.03	25.3					4.8	2.04						
10/23/2003	XX	PBFBXX37917	40.3	6.92	4.6					3.9	1.86						
5/6/2004	XX	PBFBXX38113	53.2	7.23	12.2					4.4	1.94						
7/27/2004	XX	PBFBXX38195	49.6	7.48	15.8					6	3.33						
10/25/2004	XX	PBFBXX38285	48.3	8.84	7.1					5.6	4.48						
5/12/2005	XX	SWPBFB018	53	8.36	14.3					5.3	2						
7/25/2005	XX	SWPBFB030	60	8.51	18.8					4.2	3.4						
11/10/2005	XX	SWPBFB04C	38	9.02	5.7					4.2	1.8						
5/2/2006	XX	SWPBFB098	36.9	7.53	9.4					8.4	2.8						
8/3/2006	XX	SWPBFB07G	52	8.63	22.4					2.6	2.4						
10/18/2006	XX	SWPBFB064	40	8.61	8.7					8.2	3						
5/21/2007	XX	SWPBFB0B0	29	8.05	9.8					7.6	1.4						
8/8/2007	XX	SWPBFB0CD	55.2	6.62	20.2					5	2.6						
11/6/2007	XX	SWPBFB0E5	30.8	8.04	5.4					6.3	1.2						
6/11/2008	XX	SWPBFB0GD	27	7.1	14.2					5.9	7.6						
8/19/2008	XX	SWPBFB0ID	50	6.52	21					4.4	1.7						
10/22/2008	XX	SWPBFB101	48	6.96	4.5					7.8	1.8						
5/7/2009	XX	SWPBFB121	51.5	6.78	10.3					5.4	2.9						
8/12/2009	XX	SWPBFB141	54.2	6.8	15.7					2.3	3.6						
10/27/2009	XX	SWPBFB159	35.5	6.39	4.1					6.3	1.6						
6/7/2010	XX	SWPBFB17A	36	7.21	13.1					4.38	3.73						
8/18/2010	XX	SWPBFB19B	60.5	7.63	17.8						2.1						
10/21/2010	XX	SWPBFB1AJ	35.9	7.29	6.3					6.8	0.75						
5/18/2011	XX	SWXXXX1E7	33	7.8	12.9					8	1.2						
8/10/2011	XX	SWXXXX1FI	48	7.32	20.6					5	2.43						
11/2/2011	XX	SWXXXX1H9	45	7.2	6					8	19.8						
5/14/2012	XX	SWXXXX1J3	49	6.8	18.9					10	1.1						

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

(PBFB) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU						
8/14/2012	XX	SWXXXX20G	58	6.9	24.5					5	7						
10/29/2012	XX	SWXXXX22A	51	6.6	12.9					6	4						
5/21/2013	XX	SWXXXX244	48	7.1	15.3					6	1.5						
7/24/2013	XX	SWXXXX25I	63	5.8	24.8					6	2.2						
10/1/2013	XX	SWXXXX27C	110	7.1	22.4					5	1.1						
6/5/2014	XX	SWXXXX296	60	7	16.7					5	0.8						
8/21/2014	XX	SWXXXX2B0	50	7.8	18.8					4	2.6						
11/13/2014	XX	SWXXXX2CE	46	7.5	3.3					5	0.6						
6/4/2015	XX	SWXXXX2EA	46	8	13.7					7.1	2.1						
9/3/2015	XX	SWXXXX2G5	44	7.8	23.3					5.1	2.7						
11/5/2015	XX	SWXXXX2HJ	39	7.7	7					9.1	1.3						
6/16/2016	XX	SWXXXX319	69	8.2	17.3					5.9	2.7						
9/22/2016	XX	SWXXXX333	48	8	19.1					5.2	1.2						
11/10/2016	XX	SWXXXX34H	50	8.6	5.2					8.8	0.4						
6/15/2017	XX	SWXXXX36C	45	8	19.2					6.2	1.1						
8/31/2017	XX	SWXXXX386	58	8.1	19.3					6	1.2						
11/16/2017	XX	SWXXXX3A0	68	7.8	2.4					10.9	0.8						
6/21/2018	XX	SWXXXX3BF	49	7.6	22					4.9	1.3						
8/16/2018	XX	SWXXXX3CA	61	7.7	23.9					4.3	1.8						
11/29/2018	XX	SWXXXX3F3	71	8.1	1.2					11.4	0.8						
6/6/2019	XX	SWXXXX3GI	43	7.9	23.4					7.5	0.6						
8/15/2019	XX	SWXXXX3HD	48	7.9	22.8					9.1	1.1						
10/24/2019	XX	SWXXXX406	M7	7.7	11					7.6	1.3						
6/18/2020	XX	SWXXXX421	42	7	28.1					5	1.1						
8/6/2020	XX	SWXXXX42G	42	7.4	24.4					5.3	1.1						
10/22/2020	XX	SWXXXX459	48	7	10.4					9.1	0.9						
SPO																	
5/3/2000	XX	SPOXX36649	D	D	D												
8/9/2000	XX	SPOXX36747	D	D	D												
11/8/2000	XX	SPOXX36838	D	D	D												
5/16/2001	XX	SPOXX37027	D	D	D					D	D						
7/31/2001	XX	SPOXX37103	D	D	D					D	D						
10/23/2001	XX	SPOXX37187	D	D	D					D	D						
5/21/2002	XX	SPOXX37397	D	D	D					D	D						
7/30/2002	XX	SPOXX37467	D	D	D					D	D						
10/22/2002	XX	SPOXX37551	D	D	D					D	D						
6/23/2003	XX	SPOXX37795	D	D	D					D	D						
8/13/2003	XX	SPOXX37846	D	D	D					D	D						
10/20/2003	XX	SPOXX37914	D	D	D					D	D						
5/6/2004	XX	SPOXX38113	174.3	6.69	8.2					7.1	4.49						
7/27/2004	XX	SPOXX38195	D	D	D					D	D						
10/25/2004	XX	SPOXX38285	D	D	D					D	D						
5/12/2005	XX	SWSPOX01A	D	D	D					D	D						
7/25/2005	XX	SWSPOX032	D	D	D					D	D						
11/10/2005	XX	SWSPOX04E	196	8.71	3.6					5	1.1						
5/2/2006	XX	SWSPOX09A	195.3	6.55	8.1					8.7	4.21						
8/3/2006	XX	SWSPOX07I	174	7.34	21.1					2.3	8.7						
10/18/2006	XX	SWSPOX066	121	8.36	8.5					5.6	5.9						
5/21/2007	XX	SWSPOX0B2	146	7.07	10.6					10	2.9						

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

(SPO) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU						
8/9/2007	XX	SWSPOX0CF	D	D	D					D	D						
11/6/2007	XX	SWSPOX0E7	87	8.15	2.7					9.6	4.4						
6/11/2008	XX	SWSPOX0GF	72	5.83	17.9					4.3	12						
8/19/2008	XX	SWSPOX0GJ	D	D	D		D			D	D						
10/22/2008	XX	SWSPOX103	D	D	D					D	D						
5/7/2009	XX	SWSPOX123	159.2	7.1	11.9					6	4.9						
8/17/2009	XX	SWSPOX127	D	D	D					D	D						
10/27/2009	XX	SWSPOX15B	92.5	7.27	4.6					6.9	2.2						
6/7/2010	XX	SWSPOX17C	106	7.38	16.9					4.65	2.25						
8/18/2010	XX	SWSPOX17H	D	D	D					D	D						
10/21/2010	XX	SWSPOX1B1	D	D	D					D	D						
5/18/2011	XX	SWXXXX1EA	96	8	13.3					8	1.4						
8/10/2011	XX	SWXXXX1G1	D	D	D					D	D						
11/2/2011	XX	SWXXXX1HC	F6	F6	F6					F6	F6						
5/14/2012	XX	SWXXXX1J6	115	6.7	15.1					5	0.6						
8/14/2012	XX	SWXXXX20J	F6	F6	F6					F6	F6						
10/29/2012	XX	SWXXXX22D	114	6.8	12.7					3	2.7						
5/21/2013	XX	SWXXXX247	153	6.7	14.2					6	1.8						
7/24/2013	XX	SWXXXX261	99	6.1	22.7					6	2.8						
10/1/2013	XX	SWXXXX27F	I	I	I					I	I						
6/5/2014	XX	SWXXXX299	D	D	D					D	D						
8/21/2014	XX	SWXXXX2B3	I	I	I					I	I						
11/13/2014	XX	SWXXXX2CH	97	7.8	3.6					3	1.2						
6/4/2015	XX	SWXXXX2ED	101	7.5	13.2					4	2.2						
9/3/2015	XX	SWXXXX2G8	D	D	D					D	D						
11/5/2015	XX	SWXXXX2I2	94	7.4	5.4					8.3	1.2						
6/16/2016	XX	SWXXXX31C	D	D	D					D	D						
9/22/2016	XX	SWXXXX336	D	D	D					D	D						
11/10/2016	XX	SWXXXX350	I	I	I					I	I						
6/15/2017	XX	SWXXXX36F	I	I	I					I	I						
8/31/2017	XX	SWXXXX389	D	D	D					D	D						
11/16/2017	XX	SWXXXX3A3	D	D	D					D	D						
6/21/2018	XX	SWXXXX3BI	D	D	D					D	D						
8/16/2018	XX	SWXXXX3CD	D	D	D					D	D						
11/29/2018	XX	SWXXXX3F6	D	D	D					D	D						
6/6/2019	XX	SWXXXX3H1	134	7.5	21.2					8.5	0.8						
8/15/2019	XX	SWXXXX3HG	D	D	D					D	D						
10/24/2019	XX	SWXXXX409	105	7.8	11.8					7.8	0.9						
6/18/2020	XX	SWXXXX424	D	D	D					D	D						
8/6/2020	XX	SWXXXX42J	I	I	I					I	I						
10/22/2020	XX	SWXXXX45C	I	I	I					I	I						
SPON																	
5/12/2005	XX	SWSPON01B	581	7.96	9.7					6.5	9.4						
7/25/2005	XX	SWSPON033	D	D	D					D	D						
11/10/2005	XX	SWSPON04F	674	8.03	2.1					8.7	4.6						
5/2/2006	XX	SWSPON09B	525	7.14	4					7.9	21.6						
8/3/2006	XX	SWSPON07J	1483	7.17	19.4					2	9.1						
10/18/2006	XX	SWSPON067	696	7.62	7.3					5.2	4.8						
5/21/2007	XX	SWSPON0B3	546	6.94	7.1					5.2	2.1						

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

(SPON) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU						
8/9/2007	XX	SWSPON0CG	D	D	D					D	D						
11/6/2007	XX	SWSPON0E8	395	7.7	3.1					8.2	16.8						
6/11/2008	XX	SWSPON0GG	315	7.32	19					7.1	29.6						
8/19/2008	XX	SWSPON0H0	563	6.93	18.2					4.2	10.5						
10/22/2008	XX	SWSPON104	755	6.72	5.1					5.7	6.2						
5/7/2009	XX	SWSPON124	667	7.43	10.3					6	3.9						
8/12/2009	XX	SWSPON128	462	7.24	17.4					6.1	6.5						
10/27/2009	XX	SWSPON15C	446	6.2	3					10.6	3.1						
6/7/2010	XX	SWSPON17D	291	7.12	13.5					5.66	3						
8/18/2010	XX	SWSPON17I	D	D	D					D	D						
10/21/2010	XX	SWSPON1B2	694	7.18	7.3						1.82						
5/18/2011	XX	SWXXXX1EB	292	7.8	8.3					6	0.6						
8/10/2011	XX	SWXXXX1G2	D	D	D					D	D						
11/2/2011	XX	SWXXXX1HD	878	6.9	5.1					8	1.8						
5/14/2012	XX	SWXXXX1J7	287	7.1	11.3					5	2.4						
8/14/2012	XX	SWXXXX210	F6	F6	F6					F6	F6						
10/29/2012	XX	SWXXXX22E	753	6.7	12.2					6	8.2						
5/21/2013	XX	SWXXXX248	713	6.9	11.9					6	1.1						
7/24/2013	XX	SWXXXX262	412	6.4	19.3					5	2.8						
10/1/2013	XX	SWXXXX27G	709	7	15.9					6	2.6						
6/5/2014	XX	SWXXXX29A	843	7.2	13					3	0.6						
8/21/2014	XX	SWXXXX2B4	626	7.5	15.7					2	4.5						
11/13/2014	XX	SWXXXX2CI	672	7.3	2.3					3	0.8						
6/4/2015	XX	SWXXXX2EE	747	7.1	11					4	0.8						
9/3/2015	XX	SWXXXX2G9	812	7.6	18.8					5	2.2						
11/5/2015	XX	SWXXXX2I3	564	6.9	5.1					5.4	2.6						
6/16/2016	XX	SWXXXX31D	717	7.6	13.7					3.9	6.1						
9/22/2016	XX	SWXXXX337	D	D	D					D	D						
11/10/2016	XX	SWXXXX351	1213	7.8	4.9					9.4	7.8						
6/15/2017	XX	SWXXXX36G	647	7.7	15					5.2	2.1						
8/31/2017	XX	SWXXXX38A	D	D	D					D	D						
11/16/2017	XX	SWXXXX3A4	1033	7.1	2.6					11.5	1.3						
6/21/2018	XX	SWXXXX3BJ	D	D	D					D	D						
8/16/2018	XX	SWXXXX3CE	D	D	D					D	D						
11/29/2018	XX	SWXXXX3F7	227	7.6	1.2					8.3	0.6						
6/6/2019	XX	SWXXXX3H2	601	7.3	18.1					3.4	0.6						
8/15/2019	XX	SWXXXX3HH	481	7.5	17.5					3	0.8						
10/24/2019	XX	SWXXXX40A	473	7.7	8.5					7.9	1.1						
6/18/2020	XX	SWXXXX425	D	D	D					D	D						
8/6/2020	XX	SWXXXX430	I	I	I					I	I						
10/22/2020	XX	SWXXXX45D	317	7	8.8					9.5	0.6						
SPOS																	
5/12/2005	XX	SWSPOS01C	111	8.42	9.9					6.1	0.8						
7/25/2005	XX	SWSPOS034	202	7.83	15.9					6.3	14.9						
11/10/2005	XX	SWSPOS04G	109	8.8	2.5					11.4	1						
5/2/2006	XX	SWSPOS09C	116.8	6.97	6.7					8.2	5.45						
8/3/2006	XX	SWSPOS080	174	7.51	19.1					3	0.9						
10/18/2006	XX	SWSPOS068	143	8.31	7.6					7.7	6.3						
5/21/2007	XX	SWSPOS0B4	102	7.68	7.3					9.7	0.7						

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

(SPOS)

Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU
8/8/2007	XX	SWSPOS0CH	140	6.7	17.1					6	3.9
11/6/2007	XX	SWSPOS0E9	102	7.71	3					12.1	0.8
6/11/2008	XX	SWSPOS0GH	101	7.25	16					7.6	4.9
8/19/2008	XX	SWSPOS0H1	195	6.87	17.2					3.6	1.1
10/22/2008	XX	SWSPOS105	185	7.12	4.5					7.8	0.8
5/7/2009	XX	SWSPOS125	125.7	6.64	8.9					4.9	0.8
8/12/2009	XX	SWSPOS129	171	6.9	16.5					3.5	0.8
10/27/2009	XX	SWSPOS15D	95.1	6.41	3.2					10.5	0.7
6/7/2010	XX	SWSPOS17E	116	7.22	12.9					7.08	0.97
8/18/2010	XX	SWSPOS17J	D	D	D					D	D
10/21/2010	XX	SWSPOS1B3	149.7	7.07	6.5					8.66	0.37
5/18/2011	XX	SWXXXX1EC	88	7.5	10.3					8	0.4
8/10/2011	XX	SWXXXX1G3	D	D	D					D	D
11/2/2011	XX	SWXXXX1HE	127	7.3	5.2					6	0.3
5/14/2012	XX	SWXXXX1J8	137	7.5	9.7					8	0.3
8/14/2012	XX	SWXXXX211	F6	F6	F6					F6	F6
10/29/2012	XX	SWXXXX22F	143	6.9	12					2	3.1
5/21/2013	XX	SWXXXX249	123	7	7.1					6	1.1
7/24/2013	XX	SWXXXX263	120	6.4	18.8					5	0.8
10/1/2013	XX	SWXXXX27H	171	6.9	13.3					6	0.8
6/5/2014	XX	SWXXXX29B	173	7.2	13.3					4	0.3
8/21/2014	XX	SWXXXX2B5	166	7.8	16.9					5	1.4
11/13/2014	XX	SWXXXX2CJ	107	7.3	3.2					4	0.8
6/4/2015	XX	SWXXXX2EF	132	8	10.5					6.5	0.3
9/3/2015	XX	SWXXXX2GA	233	7.9	17.9					5.6	2.2
11/5/2015	XX	SWXXXX2I4	97	7.4	4.6					9	1.3
6/16/2016	XX	SWXXXX31E	D	D	D					D	D
9/22/2016	XX	SWXXXX338	D	D	D					D	D
11/10/2016	XX	SWXXXX352	261	8.3	5.3					8.8	0.8
6/15/2017	XX	SWXXXX36H	172	8.1	16.7					5.8	3.6
8/31/2017	XX	SWXXXX38B	D	D	D					D	D
11/16/2017	XX	SWXXXX3A5	155	7.6	3.5					9.4	0.8
6/21/2018	XX	SWXXXX3C0	191	7.8	20.1					5.3	1.6
8/16/2018	XX	SWXXXX3CF	172	7.9	21.1					5.4	0.5
11/29/2018	XX	SWXXXX3F8	135	8.1	1.9					10.5	0.6
6/6/2019	XX	SWXXXX3H3	111	7.8	20.6					8.1	0.8
8/15/2019	XX	SWXXXX3HI	169	8.1	19.6					9	1.6
10/24/2019	XX	SWXXXX40B	106	7.8	9.7					9.2	1.2
6/18/2020	XX	SWXXXX426	187	7.5	21.3					4.4	0.8
8/6/2020	XX	SWXXXX431	205	7.9	22.4					6.1	1.3
10/22/2020	XX	SWXXXX45E	102	6.8	9.5					8.8	0.6

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

(SPOS) Date	Type	Sample ID	Specific Conductance µmhos/cm @25°C	pH STU	Temperature Deg C	Water Level Depth Feet	Water Level Elevation Feet	Water Level Reference Point Feet	Well Depth Feet	Dissolved Oxygen mg/L	Turbidity (field) NTU

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.
- D3 - Sample too dark to take reading.
- F - The sampling location was frozen.
- F6 - No flow. Sample not taken.
- I - The sampling location yielded insufficient quantity to collect a sample.
- M7 - No reading taken at this location.
- U - Not Detected above the laboratory reporting limit.
- Z3 - Reference Point (Top of PVC) Changed.

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

(103)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
103										
4/27/2000	XX	103XX36643				0.02 U		0.01 U	0.36	1.38
8/1/2000	XX	103XX36739				0.058		0.01 U	0.3	1.49
10/24/2000	XX	103XX36823				D				D
5/8/2001	XX	103XX37019	0.008 U			0.119		0.01 U	0.24	1.2
7/24/2001	XX	103XX37096	D			D		D	D	D
10/16/2001	XX	103XX37180	D			D		D	D	D
5/15/2002	XX	103XX37391	0.01 U	0.9		0.095	0.4	0.01 U	0.36	1.5
7/29/2002	XX	103XX37466	0.01	1.3		0.034	0.4	0.01 U	0.28	1.5
10/18/2002	XX	103XX37547	D	D		D	D	D	D	D
6/18/2003	XX	103XX37790	0.005 U	2.8		0.032	1 U	0.01 U	1 U	1.3
8/6/2003	XX	103XX37839	0.005 U	3.1		0.02	1 U	0.01 U	1 U	1.4
10/6/2003	XX	103XX37900	0.005 U	3.5		0.031	1 U	0.01 U	1 U	1.8
5/12/2004	XX	103XX38119	0.005 U	3.1		0.022	1 U	0.01 U	1 U	1 U
8/19/2004	XX	103XX38218	0.005 U	3.5		0.031	1 U	0.01 U	1 U	1.9
10/18/2004	XX	103XX38278	D	D		D	D	D	D	D
5/24/2005	XX	GW103X004	0.005 U	2.9		0.03	1 U	0.01 U	1 U	1.2
8/17/2005	XX	GW103X01G	0.005 U	2.8		0.02	1 U	0.01 U	1 U	1.6
10/13/2005	XX	GW103X038	D	D		D	D	D	D	D
5/15/2006	XX	GW103X084	0.005 U	3.7		0.02	1 U	0.01 U	1 U	1.7
8/7/2006	XX	GW103X06C	0.005 U	4.1		0.02	1 U	0.01 U	1 U	1.8
10/11/2006	XX	GW103X050	0.005 U	3.9		0.02 B	1 U	0.01 U	1 U	1.7
5/22/2007	XX	GW103X09G	0.005 U	3.6		0.11	1 U	0.01 U	1 U	1.7
8/21/2007	XX	GW103X0B9	D	D		D	D	D	D	D
11/1/2007	XX	GW103X0D1	0.005 U	4.1		0.059	1 U	0.01 U	1 U	1.8
5/28/2008	XX	GW103X0F9	0.005 U	3.8		0.024	1 U	0.01 U	1 U	1.6
8/26/2008	XX	GW103X0H9	0.005 U	3.3		0.03	1 U	0.01 U	1 U	1.5
10/28/2008	XX	GW103X0IH	0.005 U	4.3		0.043	1 U	0.01 U	1 U	1.8
5/18/2009	XX	GW103X10H	0.005 U	2.9		0.017	1 U	0.01 U	1 U	1.4
8/17/2009	XX	GW103X12H	0.005 U	3.4		0.072	1 U	0.01 U	1 U	1.3
10/29/2009	XX	GW103X145	0.005 U	3		0.068	1 U	0.01 U	1 U	1.4
6/10/2010	XX	GW103X166	0.005 U	3.2		0.019	1 U	0.01 U	1 U	1.4
8/19/2010	XX	GW103X187	D	D		D	D	D	D	D
10/26/2010	XX	GW103X19F	0.005 U	4		0.36	1 U	0.013	1 U	1.6
104B										
4/27/2000	XX	104BXX36643				0.049		0.132	1.12	4.25
8/1/2000	XX	104BXX36739				0.043		0.08	1.01	4.05
10/24/2000	XX	104BXX36823	0.008 U			0.189		0.08	1.01	4.2
5/8/2001	XX	104BXX37019	0.008 U			0.329		0.09	1.14	4.6
7/24/2001	XX	104BXX37096	0.008 U			0.063		0.08	1.12	4.3
10/16/2001	XX	104BXX37180	0.01 U			0.064		0.06	1.04	4.1
5/15/2002	XX	104BXX37391	0.01 U	9.6		0.13	1.8	0.07	1.177	4.7
7/29/2002	XX	104BXX37466	0.01 U	10.2		0.036	1.7	0.07	1.03	4.1
10/15/2002	XX	104BXX37544	0.01 U	9.1		0.062	1.6	0.06	1	3.8
6/19/2003	XX	104BXX37791	0.005 U	26		0.016	2	0.08	1 U	4
8/5/2003	XX	104BXX37838	0.005 U	24		0.01 U	1.9	0.064	1	3.5
10/7/2003	XX	104BXX37901	0.005 U	22		0.01	1.8	0.056	1 U	3.6
4/26/2004	XX	104BXX38103	0.005 U	25		0.01 U	2	0.063	1.2	5.1

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

(104B)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
8/9/2004	XX	104BXX38208	0.005 U	22		0.044	1.8	0.063	1 U	3.5							
10/11/2004	XX	104BXX38271	0.005 U	23		0.024	1.8	0.063	1 U	3.7							
5/24/2005	XX	GW104B005	0.005 U	20		0.03	1.6	0.04	1 U	3.5							
8/1/2005	XX	GW104B01H	0.005 U	21		0.02	1.7	0.05	1 U	4.1							
10/25/2005	XX	GW104B039	0.005 U	24		0.03	1.7	0.04	1 U	4.1							
5/10/2006	XX	GW104B085	0.005 U	27		0.01 B	1.8	0.04	1 U	3.9							
7/24/2006	XX	GW104B06D	0.005 U	25		0.02 B	1.8	0.04	1.2	4.3							
10/10/2006	XX	GW104B051	0.005 U	23		0.04 B	1.8	0.05	1	4							
5/10/2007	XX	GW104B09H	0.005 U	23		0.041	1.7	0.032	1 U	3.6							
8/6/2007	XX	GW104B0BA	0.005 U	25		0.02	1.8	0.045	1.2	4.7							
10/24/2007	XX	GW104B0D2	0.005 U	22		0.01	1.7	0.04	1 U	4							
10/24/2007	XD	GWDP2X0EJ	0.005 U	23		0.01 U	1.7	0.04	1 U	4.2							
5/28/2008	XX	GW104B0FA	0.005 U	23		0.04	1.8	0.03	1	4.3							
8/11/2008	XX	GW104B0HA	0.005 U	19		0.011	1.6	0.03	1 U	3.8							
10/15/2008	XX	GW104B0II	0.005 U	20		0.02	1.6	0.03	1	3.7							
10/15/2008	XD	GWDP1X106	0.005 U	20		0.01 U	1.6	0.03	1	3.7							
5/6/2009	XX	GW104B10I	0.005 U	19		0.02	1.5	0.027	1 U	3.6							
8/4/2009	XX	GW104B12I	0.005 U	18		0.015	1.5	0.026	1 U	3.3							
10/19/2009	XX	GW104B146	0.005 U	21		0.02	1.7	0.03	1	4.3							
5/25/2010	XX	GW104B167	0.005 U	20		0.01 U	1.6	0.024	1.1	3.9							
5/25/2010	XD	GWDP1X15J	0.005 U	20		0.025	1.6	0.024	1.1	3.9							
8/2/2010	XX	GW104B188	0.005 U	20		0.025	1.6	0.022	1.1	3.8							
10/12/2010	XX	GW104B19G	0.005 U	20		0.16	2	0.022	1 U	3.5							
5/16/2011	XX	GW104B1DI	0.005 U	21		0.01 U	1.6	0.023	1.1	3.8							
5/16/2011	XD	GWXXXX1EG	0.005 U	21		0.01 U	1.7	0.024	1.1	4							
8/9/2011	XX	GW104B1F9	0.0016 U	21		0.017	1.7	0.028	1	4							
11/3/2011	XX	GW104B1H0	0.0016 U	20		0.011	1.6	0.031	0.91 J	3.9							
11/3/2011	XD	GWDP2X1HJ	0.0016 U	18		0.0088 J	1.5	0.027	0.86 J	3.6							
5/14/2012	XX	GW104B1IE	0.005 U	20		0.02	1.7	0.03	1.1	4.1							
5/14/2012	XD	GWXXXX1JC	0.005 U	21		0.014	1.7	0.03	1.1	4.1							
8/14/2012	XX	GW104B207	0.005 U	18		0.01	1.6	0.029	1 U	3.9							
8/14/2012	XD	GWDP1X215	0.005 U	18		0.029	1.5	0.03	1 U	3.9							
10/31/2012	XX	GW104B221	0.005 U	21		0.01 U	1.7	0.028	1.1	4.2							
5/22/2013	XX	GW104B23F	0.005 U	19		0.01 U	1.5	0.023	1 U	3.5							
5/22/2013	XD	GWDP3X24F	0.005 U	15		0.01 U	1.2	0.018	1 U	2.8							
7/23/2013	XX	GW104B259	0.005 U	22		0.01 U	1.6	0.021	1.3	4.1							
10/1/2013	XX	GW104B273	0.005 U	20		0.01 U	1.6	0.026	1 U	4.1							
6/4/2014	XX	GW104B28H	0.008 U	21.5		0.1 U	1.87	0.0176	1	4.29							
6/4/2014	XD	GWDP3X29H	0.008 U	21.6		0.1 U	1.89	0.0183	1 U	4.29							
8/19/2014	XX	GW104B2AB	0.008 U	22.5		0.1 U	1.7	0.0213	1 U	4.29							
11/12/2014	XX	GW104B2C5	0.008 U	20.7		0.1 U	1.71	0.0223	1 U	4.23							
6/3/2015	XX	GW104B2E1	0.008 U	20.4		0.1 U	1.77	0.019	1.05	4.16							
6/3/2015	XD	GWDP3X2F1	0.008 U	20		0.1 U	1.7	0.019	1 U	4.03							
9/2/2015	XX	GW104B2FG	0.008 U	22.4		0.1 U	1.83	0.014	1 U	4.66							
11/4/2015	XX	GW104B2HA	0.008 U	21.2		0.1 U	1.78	0.019	1.01	4.39							
6/14/2016	XD	GWDP3X320	0.008 U	21.8		0.1 U	1.84	0.021	1.1	4.4							
6/14/2016	XX	GW104B310	0.008 U	20.9		0.1 U	1.81	0.021	1.1	4.35							
9/20/2016	XX	GW104B32E	0.008 U	22		0.1 U	1.78	0.018	1	4.49							
11/8/2016	XX	GW104B348	0.008 U	22.6		0.1 U	1.61	0.016	1	4.54							
6/14/2017	XD	GWDP3X373	0.008 U	22.3		0.1 U	1.82	0.0223	1.15	4.41							

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

(104B) Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
6/14/2017	XX	GW104B363	0.008 U	21.9		0.1 U	1.83	0.0277	1.22	4.32							
8/30/2017	XX	GW104B37H	0.008 U	22		0.297	1.76	0.0552	1.05	4.5							
11/15/2017	XX	GW104B39B	0.008 U	22.1		0.1 U	1.7	0.0166	1	4.51							
6/19/2018	XD	GWDP3X3C6	0.008 U	19.5		0.1 U	1.86	0.0253	1 U	3.95							
6/19/2018	XX	GW104B3B6	0.008 U	21		0.1 U	2.01	0.0273	1 U	4.22							
8/14/2018	XX	GW104B3DF	0.008 U	21.6		0.1 U	1.74	0.0172	1 U	4.26							
11/27/2018	XX	GW104B3EE	0.008 U	22.9		0.1 U	1.7	0.0197	1.12	4.65							
6/4/2019	XD	GWDP3X3H9	0.008 U	21.7		0.1 U	1.7	0.0123	1 U	4.18							
6/4/2019	XX	GW104B3G9	0.008 U	23.7		0.1 U	1.84	0.0132	1.04	4.62							
8/14/2019	XX	GW104B3II	0.008 U	22.5		0.1 U	1.78	0.0144	1 U	4.38							
10/22/2019	XX	GW104B3JH	0.008 U	22.1		0.1 U	1.78	0.0079	1.03	4.81							
6/16/2020	XD	GWDP3X42C	0.008 U	21.8		0.1 U	1.77	0.0137	1 U	4.35							
6/16/2020	XX	GW104B41C	0.008 U	22.1		0.1 U	1.75	0.0131	1 U	4.35							
8/4/2020	XX	GW104B441	0.008 U			0.1 U	1.9	0.019	1.02	4.68							
8/4/2020	XX	GW104B441R		24.4													
10/20/2020	XX	GW104B450	0.008 U	22.6		0.1 U	1.7	0.0159	1.1	4.65							
107A																	
5/3/2000	XX	107AXX36649				0.02 U		0.951	1.98	37.35							
8/10/2000	XX	107AXX36748				0.75		0.94	1.86	31.9							
11/9/2000	XX	107AXX36839	0.008 U			1.669		0.99	1.48	25.8							
5/16/2001	XX	107AXX37027	0.008 U			0.366		0.94	1.68	30.2							
8/1/2001	XX	107AXX37104	0.008 U			0.87		12.96	2.56	67.1							
10/24/2001	XX	107AXX37188	0.008 U			1.85		24.96	3.12	93.2							
5/22/2002	XX	107AXX37398	0.01 U	370.2		1.74	131.7	7.05	2.751	89.2							
8/2/2002	XX	107AXX37470	0.03	307.2	0.01 U	1.22	133.3	13.92	3.6	90.9							
10/23/2002	XX	107AXX37552	0.043	226.2	0.01 U	1.007	123	13.17	2.43	73.8							
6/24/2003	XX	107AXX37796	0.005 U	270	0.003 U	1.2	140	17	4	57							
8/13/2003	XX	107AXX37846	0.005 U	220	0.011	0.9	120	15	3.8	56							
10/16/2003	XX	107AXX37910	0.005 U	210	0.003 U	0.65	120	16	4.3	64							
5/13/2004	XX	107AXX38120	0.005 U	130	0.005	0.36	67	0.79	2.9	46							
8/2/2004	XX	107AXX38201	0.005 U	98	0.0081	0.42	43	7.6	2.5	32							
10/19/2004	XX	107AXX38279	0.005 U	100	0.003 U	0.62	52	7.6	2.3	33							
5/10/2005	XX	GW107A006	0.005 U	160	0.003 U	0.36	100	20	3	38							
7/27/2005	XX	GW107A01I	0.005 U	160	0.003 U	0.46	110	9.8	3	45							
10/27/2005	XX	GW107A03A	0.005 U	130	0.003 U	0.94	76	14	2.3	37							
5/3/2006	XX	GW107A086	0.005 U	88	0.005 B	0.14	46	7.2	1.5	28							
8/1/2006	XX	GW107A06E	0.005 U	73	0.003 U	0.27	31	5.3	1.9	19							
10/25/2006	XX	GW107A052	0.005 U	50	0.003 U	0.16	19	4.4	1.1	12							
5/8/2007	XX	GW107A09I	0.005 U	62		0.12	32	6.1	1.4	18							
5/8/2007	XD	GWDP3X0EC	0.005 U	58		0.12	30	5.8	1.4	18							
8/7/2007	XX	GW107A0BB	0.005 U	75		0.26	37	11	1.9	18							
10/31/2007	XX	GW107A0D3	0.005 U	99		0.42	56	19	2.4	19							
5/28/2008	XX	GW107A0FB	0.005 U	90		0.2	51	18	2.9	20							
8/18/2008	XX	GW107A0HB	0.005 U	68		0.26	35	14	1.4	18							
10/23/2008	XX	GW107A0IJ	0.005 U	70		0.32	32	12	1.6	20							
5/12/2009	XX	GW107A10J	0.005 U	55		0.059	24	10	1.1	16							
5/12/2009	XD	GWDP3X10C	0.005 U	65		0.083	23	12	1.1	15							
8/11/2009	XX	GW107A12J	0.005 U	67		0.17	26	13	2	15							
10/26/2009	XX	GW107A147	0.005 U	57		0.24	29	13	2.3	15							

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

(107A)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
6/2/2010	XX	GW107A168	0.005 U	75		0.054	24	16	1.8	12							
8/5/2010	XX	GW107A189	0.005 U	79		0.17	25	22	3	14							
8/5/2010	XD	GWDP3X182	0.005 U	84		0.19	25	24	3	14							
10/18/2010	XX	GW107A19H	0.005 U	90		0.28	41	33	4.3	24							
5/18/2011	XX	GW107A1D8	0.005 U	100		0.12	46	39	3.3	28							
8/9/2011	XX	GW107A1EJ	0.0016 U	65		0.19	24	24	2.2	24							
11/2/2011	XX	GW107A1GA	0.0016 U	74		0.61	28	26	4	28							
5/17/2012	XX	GW107A1I4	0.005 U	92		0.15	37	36	3.7	27							
8/14/2012	XX	GW107A1JH	0.005 U	93		0.23	47	50	7.3	38							
10/31/2012	XX	GW107A21B	0.005 U	110		0.42	52	56	7.7	45							
5/21/2013	XX	GW107A235	0.005 U	120		0.22	52	61	5.8	44							
7/22/2013	XX	GW107A24J	0.005 U	110		0.3	40	51	5.5	37							
10/1/2013	XX	GW107A26D	0.005 U	94		0.41	37	41	5.2	34							
6/4/2014	XX	GW107A287	0.008 U	58.2		0.134	18.6	1.2	1.63	18.1							
8/19/2014	XX	GW107A2A1	0.008 U	96.6		0.178	35.2	26.4	2.26	29.8							
11/12/2014	XX	GW107A2BF	0.008 U	103		0.213	50.3	37.6	5	38							
6/3/2015	XX	GW107A2DB	0.008 U	106		0.387	59	45.5	3.78	37.7							
9/2/2015	XX	GW107A2F6	0.008 U	103		0.32	53.3	29.8	4.02	38.1							
11/4/2015	XX	GW107A2H0	0.04 U	106		0.5 U	66	54.5	4.49	48.7							
6/15/2016	XX	GW107A30A	0.008 U	70.6		0.349	33.7	12.3	2.5	26.8							
9/20/2016	XX	GW107A324	0.008 U	64.1		0.5	33.7	9.57	8.3	24.6							
11/8/2016	XX	GW107A33I	0.008 U	75.7		0.424	56	17.9	28.9	28							
6/14/2017	XX	GW107A35D	0.008 U	143		0.519	124	72.5	12.2	52.4							
8/29/2017	XX	GW107A377	0.008 U	126		0.678	98.2	43	13.6	47.3							
11/15/2017	XX	GW107A391	0.008 U	108		0.597	99.9	36.2	24	56							
6/19/2018	XX	GW107A3AG	0.008 U	77.1		0.283	68.8	14.6	10.7	32.1							
8/16/2018	XX	GW107A3D5	0.008 U	91.6		0.3	77.6	24.4	11.1	37.7							
11/28/2018	XX	GW107A3E4	0.008 U	78.2		0.487	61.4	13	18.4	33.7							
6/5/2019	XX	GW107A3FJ	0.008 U	74.3		0.1 U	56.6	8.16	10.6	27.1							
8/14/2019	XX	GW107A3I8	0.008 U	80.5		0.1 U	65.4	17	9.96	28.2							
10/23/2019	XX	GW107A3J7	0.008 U	84.3		0.197	63.9	18.6	15.6	32.3							
6/17/2020	XX	GW107A412	0.008 U	70		0.1 U	54.4	13.7	12.6	26.5							
8/4/2020	XX	GW107A43B	0.008 U			0.182	63.2	11.3	17.7	28.5							
8/4/2020	XX	GW107A43BR		74													
10/22/2020	XX	GW107A44A	0.02 U	99.8		0.212	129	22.6	59.2	51.2							
113																	
4/27/2000	XX	113XX36643				40.65		7.1	6.53	11.77							
8/1/2000	XX	113XX36739				66.14		9.14	9.68	11.97							
11/8/2000	XX	113XX36838	0.107			54.75		7.95	9.8	10.9							
5/8/2001	XX	113XX37019	0.072			54.55		6.81	6.94	9.4							
7/24/2001	XX	113XX37096	0.096			76.6		9.64	9.51	9.5							
10/16/2001	XX	113XX37180	0.104			59.1		7.78	9.18	9.5							
5/15/2002	XX	113XX37391	0.094	116		61.38	62.3	7.8	7.48	10.7							
7/31/2002	XX	113XX37468	0.12	118.5	0.01 U	81.42	75.3	9.24	9.29	10.9							
10/18/2002	XX	113XX37547	0.21	102.6	0.014	65.2	69.7	7.05	9.09	9.6							
6/18/2003	XX	113XX37790	0.093	120	0.003 U	56	71	8.5	11	11							
8/6/2003	XX	113XX37839	0.005 U	130	0.003 U	60	78	9	10	12							
10/6/2003	XX	113XX37900	0.1	120	0.003 U	62	76	8.1	9.9	12							
5/12/2004	XX	113XX38119	0.078	130	0.005	58	70	8.3	20	15							

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

(113)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
8/19/2004	XX	113XX38218	0.079	120	0.003 U	62	74	8.7	11	12
10/18/2004	XX	113XX38278	0.1	110	0.003 U	68	79	8.8	14	11
5/24/2005	XX	GW113X008	0.058	110	0.003 U	54	63	8.1	8.4	9.5
8/17/2005	XX	GW113X020	0.1	77	0.003 U	38	44	6.5	7.8	8.2
10/13/2005	XX	GW113X03C	0.097	120	0.008	71	81	10	10	11
5/15/2006	XX	GW113X088	0.06	140	0.003 U	68	79	9.4	9.9	13
8/7/2006	XX	GW113X06G	0.086	120	0.005 B	63	69	8.8	11	11
10/11/2006	XX	GW113X054	0.097	130	0.003 U	79 B	78	9.9	12	11
5/22/2007	XX	GW113X0A0	0.058	100		58	58	7.8	10	12
8/21/2007	XX	GW113X0BD	0.092	110		70	64	9.1	10	9.3
11/1/2007	XX	GW113X0D5	0.095	98		63	62	8.2	9	8.3
11/1/2007	XD	GWDP1X0EI	0.097	100		66	65	8.7	9.3	8.6
5/28/2008	XX	GW113X0FD	0.08	110		70	69	9.1	14	11
8/26/2008	XX	GW113X0HD	0.069	110		72	56	9.6	9.4	9.2
10/28/2008	XX	GW113X0J1	0.09	140		78	86	11	11	9.8
5/18/2009	XX	GW113X111	0.049	140		59	71	10	8.9	9.5
5/18/2009	XD	GWDP1X10A	0.045	150		76	62	11	8.5	9
8/17/2009	XX	GW113X131	0.064	110		65	59	8.6	9.5	9.5
10/29/2009	XX	GW113X149	0.07	94		54	52	7	7.9	8.2
6/10/2010	XX	GW113X16A	0.066	130		78	70	11	9.3	7.8
8/19/2010	XX	GW113X18B	0.078	97		68	58	8.9	8.8	6.7
10/26/2010	XX	GW113X19J	0.082	78		56	45	6.8	8.8	6.7
202AR										
4/27/2000	XX	202ARXX36643				0.35		19.46	8.32	28.77
8/2/2000	XX	202ARXX36740				1.047		15.03	9.42	27.22
10/24/2000	XX	202ARXX36823	0.015			1.615		20.25	10.33	27.8
5/9/2001	XX	202ARXX37020	0.011			0.882		18.78	9.13	26.2
7/24/2001	XX	202ARXX37096	0.014			1.528		19.17	9.9	24.4
10/16/2001	XX	202ARXX37180	0.015			1.834		22.32	12.15	29
5/16/2002	XX	202ARXX37392	0.01 U	276.9		0.94	89.8	19.77	10.296	30
7/31/2002	XX	202ARXX37468	0.045	122.8	0.01 U	0.898	39.5	16.83	8.8	24.7
7/31/2002	XD	202ARXD37468			0.01 U					
10/16/2002	XX	202ARXX37545	0.01 U	235.8	0.01 U	1.404	86.1	16.5	9.98	21.9
6/17/2003	XX	202ARXX37789	0.071	290	0.003 U	0.76	94	20	11	34
8/6/2003	XX	202ARXX37839	0.007	290	0.003 U	0.95	100	22	12	32
10/8/2003	XX	202ARXX37902	0.056	290	0.003 U	0.99	95	20	12	30
4/28/2004	XX	202ARXX38105	0.0095	320	0.003 U	1	100	22	14	34
8/11/2004	XX	202ARXX38210	0.0076	260	0.0031	1.2	95	20	13	27
10/12/2004	XX	202ARXX38272	0.012	280	0.003 U	1.3	100	19	11	27
5/19/2005	XX	GW202A009	0.008	230	0.003 U	0.83	91	19	11	29
8/4/2005	XX	GW202A021	0.01	220	0.003	1	82	18	13	28
10/25/2005	XX	GW202A03D	0.011	270	0.003 U	1.2	92	19	13	29
5/9/2006	XX	GW202A089	0.01	500	0.003 U	0.76	98	20	13	30
7/25/2006	XX	GW202A06H	0.009	360	0.003 B	0.83 B	97	20	13	30
10/19/2006	XX	GW202A055	0.012	260	0.003 U	1.2	89	19	14	26
5/10/2007	XX	GW202A0A1	0.015	290		0.91	93	19	13	31
8/6/2007	XX	GW202A0BE	0.013	310		1.3	96	21	17	32
10/25/2007	XX	GW202A0D6	0.012	340		1.4	130	26	13	39
5/29/2008	XX	GW202A0FE	0.009	260		0.94	93	19	12	30

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

(202AR)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
8/12/2008	XX	GW202A0HE	0.007	240		0.95	84	17	12	29							
8/12/2008	XD	GWDP1X0H2	0.007	230		0.98	79	17	11	28							
10/16/2008	XX	GW202A0J2	0.008	210		0.98	74	15	11	26							
5/4/2009	XX	GW202A112	0.005 U	300		0.96	100	21	14	27							
8/5/2009	XX	GW202A132	0.013	340		1	120	23	12	26							
8/5/2009	XD	GWDP1X12A	0.012	340		1	120	19	12	26							
10/20/2009	XX	GW202A14A	0.01	210		1.3	77	18	12	25							
5/26/2010	XX	GW202A16B	0.01	270		1.1	93	20	17	26							
8/2/2010	XX	GW202A18C	0.011	265		1.2	84	18	17	25							
10/12/2010	XX	GW202A1A0	0.0069	210		1.5	81	16	13	23							
5/17/2011	XX	GW202A1DJ	0.005 U	240		1	79	16	15	22							
8/10/2011	XX	GW202A1FA	0.0052	220		1.2	77	18	12	26							
8/10/2011	XD	GWDP1X1G7	0.0024	220		1.2	76	18	12	25							
11/3/2011	XX	GW202A1H1	0.0085	200		1.2	78	17	14	25							
5/16/2012	XX	GW202A1IF	0.005 U	200		1.1	78	16	14	26							
8/15/2012	XX	GW202A208	0.0086	190		1.2	72	16	12	24							
10/31/2012	XX	GW202A222	0.012	200		1.6	83	16	15	25							
5/20/2013	XX	GW202A23G	0.005 U	200		0.95	69	16	13	22							
7/23/2013	XX	GW202A25A	0.0065	200		1	70	16	15	23							
10/2/2013	XX	GW202A274	0.0085	200		1.3	71	16	14	22							
6/3/2014	XX	GW202A28I	0.012	205		1.39	74.2	14.6	12.3	22.8							
8/19/2014	XX	GW202A2AC	0.015	213		1.54	68.3	15.1	12.1	21.2							
11/12/2014	XX	GW202A2C6	0.018	212		2.04	77.2	15.6	13.3	22.5							
6/2/2015	XX	GW202A2E2	0.016	207		1.38	71.9	15.8	12.3	22.7							
9/2/2015	XX	GW202A2FH	0.013	217		1.83	78.3	15.8	13.2	22.8							
11/3/2015	XX	GW202A2HB	0.011	211		1.7	75.9	16.2	13	22.9							
6/14/2016	XX	GW202A311	0.016	205		1.87	73.8	14.5	12.8	23.1							
9/22/2016	XX	GW202A32F	0.015	202		1.84	71.6	14.9	12.4	22.5							
11/9/2016	XX	GW202A349	0.015	216		1.89	68	15.1	13.4	23							
6/13/2017	XX	GW202A364	0.0125	206		1.73	74.8	15.2	13.1	22.6							
8/30/2017	XX	GW202A37I	0.014	204		1.52	71	15.3	12.8	21.9							
11/16/2017	XX	GW202A39C	0.014	209		1.75	72.8	15.5	13.1	23							
6/20/2018	XX	GW202A3B7	0.015	222		1.48	71.6	15.7	13.8	23.7							
8/14/2018	XX	GW202A3DG	0.012	204		1.6	71	14.8	12.8	21.5							
6/4/2019	XX	GW202A3GA	0.026	204		1.66	71.6	15	12.6	21.5							
8/13/2019	XX	GW202A3IJ	0.016	198		1.48	75	14.5	12.9	22.1							
10/24/2019	XX	GW202A3JI	0.014	190		1.58	75	14.5	12.7	21.6							
6/16/2020	XX	GW202A41D	0.008 U	203		0.559	70.1	13.7	13	21.9							
8/5/2020	XX	GW202A442	0.012	221		1.35	78.4	15.4	13.8	23							
10/22/2020	XX	GW202A451	0.013	220		1.82	76.6	16.3	14	22.7							
202B																	
4/27/2000	XX	202BXX36643				0.02 U		8.14	4.32	17.37							
8/2/2000	XX	202BXX36740				0.552		9.06	7.18	30.35							
10/24/2000	XX	202BXX36823	0.008 U			1.861		15.96	10.26	38.3							
5/9/2001	XX	202BXX37020	0.008 U			0.266		10.35	6.17	21.8							
7/25/2001	XX	202BXX37097	0.008 U			1.099		15.75	11.14	33.8							
10/16/2001	XX	202BXX37180	0.01 U			0.201		9.33	10.8	30.2							
5/16/2002	XX	202BXX37392	0.01 U	140.6		0.043	72.3	8.24	7.958	23.5							
7/31/2002	XX	202BXX37468	0.031	183.2	0.01 U	0.142	102.5	10.96	10.15	30.2							

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

(202B)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
10/16/2002	XX	202BXX37545	0.01 U	188.5	0.011	0.36	102.6	8.82	11.52	29.2
6/17/2003	XX	202BXX37789	0.031	25	0.03	1.9	69	8	9.9	20
8/6/2003	XX	202BXX37839	0.005 U	190	0.003 U	0.14	110	11	11	32
10/8/2003	XX	202BXX37902	0.005 U	180	0.004	0.051	100	11	13	32
4/28/2004	XX	202BXX38105	0.005 U	160	0.0058	0.1	81	10	9.9	25
8/11/2004	XX	202BXX38210	0.017	200	0.0089	0.41	120	14	13	31
10/12/2004	XX	202BXX38272	0.005 U	230	0.003 U	0.46	130	14	13	35
5/19/2005	XX	GW202B00A	0.005 U	110	0.005	1.1	62	7.5	9.1	18
8/4/2005	XX	GW202B022	0.005 U	150	0.01	1.3	84	10	11	26
10/25/2005	XX	GW202B03E	0.005 U	120	0.006	0.49	68	7.6	13 E	21
5/9/2006	XX	GW202B08A	0.005 U	120	0.003 U	0.47	71	8.1	9.7	20
7/25/2006	XX	GW202B06I	0.005 U	140	0.005 B	1 B	82	9.6	12 E	20
10/19/2006	XX	GW202B056	0.005 U	170	0.008	2.4	98	9.7	13	26
5/10/2007	XX	GW202B0A2	0.005 U	99		0.67	60	7.8	8.8	17
5/10/2007	XD	GWDP1X0EA	0.005 U	97		0.97	58	7.5	8.6	17
8/6/2007	XX	GW202B0BF	0.007	160		4.6	97	12	15	28
10/25/2007	XX	GW202B0D7	0.005 U	130		3.1	76	8.8	9.5	24
5/29/2008	XX	GW202B0FF	0.005 U	95		3	53	7.8	7.7	15
8/26/2008	XX	GW202B0HF	0.005 U	87		0.59	48	7.4	8.2	16
10/16/2008	XX	GW202B0J3	0.005 U	100		2.7	58	8.1	8	17
5/4/2009	XX	GW202B113	0.005 U	120		1.3	68	10	8.5	14
8/5/2009	XX	GW202B133	0.0057	130		1.6	73	11	8	15
10/20/2009	XX	GW202B14B	0.005 U	100		4.1	57	8	8.2	16
5/26/2010	XX	GW202B16C	0.005 U	100		1.1	58	8.8	11	15
8/2/2010	XX	GW202B18D	0.005 U	33		1.2	22	3.1	4	6
10/12/2010	XX	GW202B1A1	0.005 U	99		0.22	48	4.6	9.1	15
5/17/2011	XX	GW202B1E0	0.005 U	51		0.22	27	3.8	5.6	8.7
8/10/2011	XX	GW202B1FB	0.0016 U	120		0.31	62	12	9.6	20
11/3/2011	XX	GW202B1H2	0.0016 U	86		0.62	51	7.3	10	16
5/16/2012	XX	GW202B1IG	0.005 U	74		0.28	43	6.8	9.1	13
8/15/2012	XX	GW202B209	0.005 U	120		0.38	69	11	11	20
10/31/2012	XX	GW202B223	0.005 U	83		0.2	47	6.1	11	16
5/20/2013	XX	GW202B23H	0.005 U	76		0.6	40	6.3	8.8	12
7/23/2013	XX	GW202B25B	0.005 U	87		0.39	45	6.9	10	14
10/2/2013	XX	GW202B275	0.005 U	87		0.38	47	6.5	10	13
6/3/2014	XX	GW202B28J	0.008 U	78.3		1.38	45.5	5.8	8.16	15.4
8/19/2014	XX	GW202B2AD	0.008 U	135		3.07	74.4	10.2	13.2	19.4
11/12/2014	XX	GW202B2C7	0.008 U	125		0.642	75.6	8.26	13.2	20.2
6/2/2015	XX	GW202B2E3	0.008 U	72.2		10.6	40.6	5.52	8.54	19.1
9/2/2015	XX	GW202B2FI	0.008 U	144		1.9	81	11	14.4	20.9
11/3/2015	XX	GW202B2HC	0.008 U	117		1.1	65.3	8.72	12.5	20.7
6/14/2016	XX	GW202B312	0.008 U	85.4		1.32	46.4	6.8	9	12.9
9/22/2016	XX	GW202B32G	I	I		I	I	I	I	I
11/9/2016	XX	GW202B34A	I	I		I	I	I	I	I
6/13/2017	XX	GW202B365	0.008 U	101		2.86	53	7.08	11	15.2
8/30/2017	XX	GW202B37J	I	I		I	I	I	I	I
11/16/2017	XX	GW202B39D	0.008 U	141		3.11	78	8.42	15.2	26.4
6/20/2018	XX	GW202B3B8	0.008 U	89.4		6.26	42.4	5.77	10.9	20.8
8/14/2018	XX	GW202B3DH	0.008 U	143		2.74	77.3	9.8	15.3	20.3
11/27/2018	XX	GW202B3EG	0.008 U	145		1.49	75.7	7.09	15.8	21.9

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

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
(202B)																	
6/4/2019	XX	GW202B3GB	0.008 U	70.8		1.68	34.8	4.66	9.12	15.8							
8/13/2019	XX	GW202B3J0	0.008 U	111		1.16	63.5	8.13	14.1	17.3							
10/24/2019	XX	GW202B3JJ	0.008 U	86.2		0.538	56.1	5.89	13.1	17							
6/16/2020	XX	GW202B41E	!	!		!	!	!	!	!							
8/5/2020	XX	GW202B443	!	!		!	!	!	!	!							
10/22/2020	XX	GW202B452	!	!		!	!	!	!	!							
205A																	
4/27/2000	XX	205AXX36643				0.538		1.11	1.44	14.13							
8/2/2000	XX	205AXX36740				2.492		0.84	1.83	20.3							
10/25/2000	XX	205AXX36824	0.008 U			2.124		0.93	1.66	16.7							
5/9/2001	XX	205AXX37020	0.008 U			1.848		1.07	1.62	18.5							
7/25/2001	XX	205AXX37097	0.008 U			2.28		1.29	1.76	17.2							
10/17/2001	XX	205AXX37181	0.01 U			2.18		0.94	1.98	19.7							
5/15/2002	XX	205AXX37391	0.01 U	104.9		3.326	28.9	1.35	2.079	23.4							
8/1/2002	XX	205AXX37469	0.016	80.5	0.01 U	2.806	22.2	1.17	1.83	20.5							
10/16/2002	XX	205AXX37545	0.01 U	76.5	0.01 U	2.84	20.4	1.11	1.81	16.4							
6/19/2003	XX	205AXX37791	0.005 U	140	0.003 U	2.5	31	1.5	2.6	26							
8/20/2003	XX	205AXX37853	0.005 U	98	0.012	2.2	23	1.2	2.8	22							
10/9/2003	XX	205AXX37903	0.005 U	96	0.003 U	2.2	22	1.2	2.4	20							
4/27/2004	XX	205AXX38104	0.005 U	120	0.003 U	2	25	1.1	3.9	27							
8/12/2004	XX	205AXX38211	0.005 U	180	0.003 U	2.5	38	1.7	4.5	42							
10/14/2004	XX	205AXX38274	0.005 U	97	0.003 U	1.4	21	0.9	2.3	18							
5/17/2005	XX	GW205A00B	0.005 U	130	0.003 U	1.7	30	0.89	2.9	25							
8/4/2005	XX	GW205A023	0.005 U	130	0.003 U	1.4	29	1	2.6	28							
10/27/2005	XX	GW205A03F	0.005 U	120	0.003 U	1.4	26	0.93	2.9	28							
5/9/2006	XX	GW205A08B	0.005 U	140	0.003 U	1.8	32	0.97	3.4	30							
7/25/2006	XX	GW205A06J	0.005 U	170	0.003 U	1.7 B	39	1	3.7	32							
10/23/2006	XX	GW205A057	0.005 U	100	0.003 U	1.3 B	20	0.8	2.1	26							
5/14/2007	XX	GW205A0A3	0.009	130		2.3	33	0.97	3.9	37							
8/16/2007	XX	GW205A0BG	0.005 U	120		1.5	27	0.96	3	24							
8/16/2007	XD	GWDP1X0EE	0.005 U	110		1.5	26	0.97	3	23							
10/25/2007	XX	GW205A0D8	0.005 U	120		1.4	24	0.89	2.5	27							
5/29/2008	XX	GW205A0FG	0.005 U	150		1.7	33	1.1	2.6	33							
8/12/2008	XX	GW205A0HG	0.005 U	130		1.4	30	0.94	2.5	31							
10/16/2008	XX	GW205A0J4	0.005 U	120		1.3	28	0.91	2	30							
10/16/2008	XD	GWDP2X107	0.005 U	120		1.3	28	0.91	2	31							
5/4/2009	XX	GW205A114	0.005 U	160		1.8	29	0.93	3.8	29							
8/5/2009	XX	GW205A134	0.005 U	180		1.2	27	0.97	2.4	30							
10/20/2009	XX	GW205A14C	0.005 U	100		1.1	24	0.84	3.5	25							
5/26/2010	XX	GW205A16D	0.005 U	150		1.2	25	0.82	3.5	28							
5/26/2010	XD	GWDP2X160	0.005 U	120		1.2	24	0.81	3.3	28							
8/3/2010	XX	GW205A18E	0.005 U	100		0.82	24	0.8	3.5	28							
10/13/2010	XX	GW205A1A2	0.005 U	69		0.44	16	0.59	1.8	21							
5/17/2011	XX	GW205A1E1	0.005 U	110		0.4	25	1	3.6	23							
8/9/2011	XX	GW205A1FC	0.0016 U	73		0.86	17	0.75	2.3	20							
11/3/2011	XX	GW205A1H3	0.0016 U	85		0.79	22	0.79	3.4	25							
5/16/2012	XX	GW205A1IH	0.005 U	73		0.23	16	0.99	3.2	23							
8/16/2012	XX	GW205A20A	0.0079	80		1.1	18	1.2	3.5	25							
10/30/2012	XX	GW205A224	0.0057	78		0.88	17	0.9	3.6	22							

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

(205A)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
5/20/2013	XX	GW205A23I	0.005 U	64		0.18	13	0.75	2.9	20							
7/23/2013	XX	GW205A25C	0.005 U	72		0.68	15	1.2	3.4	21							
10/2/2013	XX	GW205A276	0.0094	57		1.7	12	1	2.5	19							
6/3/2014	XX	GW205A290	0.008 U	55.8		0.388	12	1.09	1.62	19.5							
8/19/2014	XX	GW205A2AE	0.012	70.8		0.821	13.9	1.09	1.8	22.1							
11/12/2014	XX	GW205A2C8	0.008	63.8		0.706	13.8	0.976	1.8	20.8							
6/2/2015	XX	GW205A2E4	0.008 U	61.9		0.385	13.8	0.734	1.71	20.7							
9/2/2015	XX	GW205A2FJ	0.008 U	64.2		0.366	13.5	1.16	1.74	21.9							
11/3/2015	XX	GW205A2HD	0.008 U	64.4		0.418	13.8	0.738	1.86	21.7							
6/14/2016	XX	GW205A313	0.008 U	68.6		0.168	15.1	0.807	2	24.6							
9/21/2016	XX	GW205A32H	0.008 U	60.3		0.449	13.5	1.1	2	22.4							
11/9/2016	XX	GW205A34B	0.008	66.2		0.715	13.2	0.97	2.1	23.6							
6/13/2017	XX	GW205A366	0.008 U	65.6		0.162	13.7	0.302	1.81	21.2							
8/30/2017	XX	GW205A380	0.008 U	68		0.175	14.3	1.28	1.9	22.4							
11/16/2017	XX	GW205A39E	0.008 U	63.6		0.378	13.2	0.816	1.9	21.9							
6/19/2018	XX	GW205A3B9	0.008 U	65.7		0.1 U	15.5	0.214	2.06	22.7							
8/14/2018	XX	GW205A3DI	0.008 U	62.7		0.119	13	0.631	1.82	22							
11/27/2018	XX	GW205A3EH	0.008 U	60.6		0.1 U	11.7	0.258	1.88	20.4							
6/4/2019	XX	GW205A3GC	0.008 U	64.7		0.1 U	13.6	0.16	1.82	21.5							
8/13/2019	XX	GW205A3J1	0.008 U	62.3		0.112	14.4	0.913	1.84	22.1							
10/23/2019	XX	GW205A400	0.008 U	63.3		0.138	13.1	0.911	1.98	22.1							
6/16/2020	XX	GW205A41F	0.008 U	65.3		0.108	13.6	0.247	1.9	23							
8/5/2020	XX	GW205A444	0.008 U	66.5		0.168	14.3	0.802	1.9	22.3							
10/20/2020	XX	GW205A453	0.008 U	64.5		0.387	13.2	0.989	1.93	21.5							
205B																	
4/27/2000	XX	205BXX36643				0.02 U		0.756	0.97	11.06							
8/2/2000	XX	205BXX36740				0.231		1.39	1.03	9.11							
10/25/2000	XX	205BXX36824	0.008 U			0.377		2.36	0.96	9.4							
5/9/2001	XX	205BXX37020	0.008 U			0.623		0.68	1.49	20							
7/25/2001	XX	205BXX37097	0.008 U			0.35		2.75	1.15	9.6							
10/17/2001	XX	205BXX37181	0.01 U			0.363		5.66	1.45	11.6							
5/15/2002	XX	205BXX37391	0.01 U	111.8		0.607	36.7	0.89	2.047	21.4							
8/1/2002	XX	205BXX37469	0.021	88.2	0.01 U	0.553	44.6	6.3	1.56	10.7							
10/16/2002	XX	205BXX37545	0.01 U	116.1	0.011	0.63	60.9	9.33	1.78	10.5							
10/16/2002	XD	205BXX37468			0.01 U												
6/19/2003	XX	205BXX37791	0.005 U	110	0.003 U	0.41	40	3	1.9	12							
8/19/2003	XX	205BXX37852	0.005 U	76	0.011	0.47	35	5.3	1.8	9.5							
10/9/2003	XX	205BXX37903	0.005 U	79	0.003 U	0.36	34	5.3	1.7	10							
4/27/2004	XX	205BXX38104	0.005 U	67	0.0032	0.26	22	1.9	1.8	11							
8/12/2004	XX	205BXX38211	0.005 U	50	0.003 U	0.2	22	3.1	1.2	7.4							
10/14/2004	XX	205BXX38274	0.005 U	54	0.0058	0.3	24	3.3	1.3	7.3							
5/17/2005	XX	GW205B00C	0.005 U	110	0.003 U	0.22	30	0.65	1.8	16							
8/4/2005	XX	GW205B024	0.005 U	46	0.003	0.16	13	1.1	1.4	7.1							
10/27/2005	XX	GW205B03G	0.005 U	140	0.003 U	0.47	36	0.82	2.4	27							
5/9/2006	XX	GW205B08C	0.005 U	97	0.003 U	0.11	22	0.41	1.8	15							
7/25/2006	XX	GW205B070	0.005 U	49	0.003 U	0.08 B	11	0.13	1.2	7.4							
10/19/2006	XX	GW205B058	0.005 U	26	0.003 U	0.11	9.8	1	1 U	4.8							
5/14/2007	XX	GW205B0A4	0.009	86		0.091	22	0.21	2.1	17							
8/16/2007	XX	GW205B0BH	0.005 U	68		0.14	18	0.58	1.8	12							

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

(205B)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
10/25/2007	XX	GW205B0D9	0.005 U	57		0.1	15	0.61	1.3	9.2							
5/27/2008	XX	GW205B0FH	0.005 U	66		0.2	16	0.31	1.4	12							
5/27/2008	XD	GWDP2X0F3	0.005 U	63		0.18	16	0.2	1.4	12							
8/12/2008	XX	GW205B0HH	0.005 U	79		0.2	20	0.15	1.8	16							
10/16/2008	XX	GW205B0J5	0.005 U	46		0.09	12	0.2	1	8							
5/4/2009	XX	GW205B115	0.005 U	96		0.16	17	0.24	1.9	12							
8/5/2009	XX	GW205B135	0.005 U	120		0.15	17	0.14	1.7	14							
10/20/2009	XX	GW205B14D	0.005 U	35		0.062	8.8	0.19	1.2	6.1							
10/20/2009	XD	GWDP1X15E	0.005 U	36		0.071	9.1	0.19	1.3	6.3							
5/26/2010	XX	GW205B16E	0.005 U	63		0.043	11	0.065	1.6	7.5							
8/3/2010	XX	GW205B18F	0.005 U	53		0.034	11	0.19	1.6	7.4							
8/3/2010	XD	GWDP1X180	0.005 U	47		0.028	10	0.16	1.6	7.3							
10/13/2010	XX	GW205B1A3	0.005 U	33		0.096	9.6	0.66	1.1	5.9							
5/17/2011	XX	GW205B1E2	0.005 U	54		0.16	13	0.11	1.8	9.6							
8/9/2011	XX	GW205B1FD	0.0016 U	27		0.11	7.3	0.23	1.2	4.4							
11/3/2011	XX	GW205B1H4	0.0016 U	31		0.02	7.8	0.15	1.1	5.6							
5/16/2012	XX	GW205B1II	0.005 U	33		0.01 U	8.4	0.069	1.2	5.9							
8/16/2012	XX	GW205B20B	0.005 U	29		0.01 U	7.4	0.15	1.3	4.7							
10/30/2012	XX	GW205B225	0.005 U	54		0.032	13	0.31	2.2	9.4							
5/20/2013	XX	GW205B23J	0.005 U	30		0.063	6.8	0.3	1	4.2							
7/23/2013	XX	GW205B25D	0.005 U	35		0.027	7.7	0.13	1.4	5.3							
10/2/2013	XX	GW205B277	0.005 U	31		0.024	7.8	0.35	1.2	4.8							
6/3/2014	XX	GW205B291	0.008 U	55.6		0.1 U	13.4	0.451	1.19	8.2							
8/19/2014	XX	GW205B2AF	0.008 U	37.9		0.27	8.2	1.07	1 U	4.49							
11/12/2014	XX	GW205B2C9	0.008 U	44.2		0.1 U	11.5	0.305	1.19	6.55							
6/2/2015	XX	GW205B2E5	0.008 U	34.1		0.1 U	8.45	0.228	1 U	5.01							
9/2/2015	XX	GW205B2G0	0.008 U	29.4		0.1 U	8.39	0.534	1 U	4.21							
11/3/2015	XX	GW205B2HE	0.008 U	43.6		0.1 U	10.8	0.201	1.19	6.48							
6/14/2016	XX	GW205B314	0.008 U	33.2		0.1 U	7.57	0.127	1	4.57							
9/21/2016	XX	GW205B32I	0.008 U	23.8		0.164	6.86	0.737	1	4.47							
11/9/2016	XX	GW205B34C	0.008 U	25.8		0.179	6.98	0.94	1	3.84							
6/13/2017	XX	GW205B367	0.008 U	48.4		0.1 U	10.9	0.227	1.18	6.93							
8/30/2017	XX	GW205B381	0.008 U	30.1		0.1 U	6.89	0.232	1 U	4.09							
11/16/2017	XX	GW205B39F	0.008 U	48.2		0.1 U	11	0.145	1.3	6.46							
6/19/2018	XX	GW205B3BA	0.008 U	38.2		0.1 U	9.57	0.137	1.17	5.1							
8/14/2018	XX	GW205B3DJ	0.008 U	34		0.1 U	7.76	0.126	1 U	4.1							
11/27/2018	XX	GW205B3EI	0.008 U	50		0.1 U	11	0.0761	1.28	6.17							
6/4/2019	XX	GW205B3GD	0.008 U	58.5		0.1 U	13.5	0.14	1.24	9.01							
8/13/2019	XX	GW205B3J2	0.008 U	27.3		0.1 U	6.88	0.0924	1 U	3.64							
10/23/2019	XX	GW205B401	0.008 U	43		0.1 U	9.89	0.205	1.16	4.93							
6/16/2020	XX	GW205B41G	0.008 U	39		0.1 U	8.72	0.118	1 U	4.4							
8/5/2020	XX	GW205B445	0.008 U	34.2		0.1 U	8.02	0.26	1.02	3.96							
10/20/2020	XX	GW205B454	0.008 U	27.4		0.142	7.04	0.479	1.09	3.73							
206A																	
4/27/2000	XX	206AXX36643				8.51		3.92	49.8	23.2							
8/2/2000	XX	206AXX36740				29.14		7.66	103.5	52.47							
10/25/2000	XX	206AXX36824	0.236			28.38		6.92	116	58.7							
5/8/2001	XX	206AXX37019	0.176			21.58		5.1	83.8	39.7							
7/25/2001	XX	206AXX37097	0.237			37.5		7.95	119.3	56.9							

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

(206A)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
10/17/2001	XX	206AXX37181	0.267			35.92		5.64	110.6	58.2							
5/16/2002	XX	206AXX37392	0.051	88.6		15.64	144.8	7.88	70.1	34.4							
8/1/2002	XX	206AXX37469	0.19	107.6	0.01 U	31.32	215.8	6.98	90.2	48.8							
10/17/2002	XX	206AXX37546	0.45	121.6	0.01 U	40.36	275.2	6.22	115.2	57.6							
6/19/2003	XX	206AXX37791	0.24	88	0.003 U	25	190	6	81	44							
8/18/2003	XX	206AXX37851	0.22	92	0.012	27	190	6.5	79	45							
10/13/2003	XX	206AXX37907	0.21	89	0.003 U	24	180	5.2	84	44							
4/29/2004	XX	206AXX38106	0.2	89	0.003 U	27	220	6.7	91	41							
8/16/2004	XX	206AXX38215	0.18	120	0.0037	42	250	7.9	110	53							
10/12/2004	XX	206AXX38272	0.25	120	0.003 U	37	250	6.7	96	49							
5/17/2005	XX	GW206A00D	0.17	88	0.003 U	31	190	6	84	36							
8/15/2005	XX	GW206A025	0.25	120	0.003 U	37	230	7.9	110	51							
10/24/2005	XX	GW206A03H	0.26	110	0.003 U	33	210	6.6	86	48							
5/11/2006	XX	GW206A08D	0.21	130	0.003 U	32	290	8.4	110	51							
7/26/2006	XX	GW206A071	0.2	100	0.003 U	35 B	120	9	100	39							
10/23/2006	XX	GW206A059	0.24	92	0.003 U	34 B	190	6	90	38							
5/14/2007	XX	GW206A0A5	0.2	94		33	180	6.6	170	41							
5/14/2007	XD	GWDP2X0EB	0.19	92		31	170	6.3	100	39							
8/16/2007	XX	GW206A0BI	0.25	47		16	86	2.9	35	16							
10/29/2007	XX	GW206A0DA	0.26	140		48	270	8.2	120	49							
5/27/2008	XX	GW206A0FI	0.19	110		33	180	8.3	100	39							
5/27/2008	XD	GWDP1X0F2	0.18	91		30	170	7.5	88	34							
8/13/2008	XX	GW206A0HI	0.17	85		29	140	5.6	76	30							
10/20/2008	XX	GW206A0J6	0.23	100		38	170	8.4	93	36							
5/5/2009	XX	GW206A116	0.17	99		33	160	6.3	92	30							
8/6/2009	XX	GW206A136	0.16	110		48	230	7.5	110	26							
8/6/2009	XD	GWDP2X12B	0.15	140		38	230	8.9	130	24							
10/21/2009	XX	GW206A14E	0.23	99		36	160	5.8	91	34							
5/27/2010	XX	GW206A16F	0.12	85		29	120	7.2	82	26							
8/3/2010	XX	GW206A18G	0.28	110		39	180	6.2	82	34							
10/13/2010	XX	GW206A1A4	0.18	65		26	110	3.9	66	24							
10/13/2010	XD	GWDP1X1B4	0.2	71		28	120	4.2	71	23							
5/17/2011	XX	GW206A1E3	0.12	70		21	110	4.1	58	20							
8/9/2011	XX	GW206A1FE	0.25	110		45	180	6.2	98	37							
11/3/2011	XX	GW206A1H5	0.24	85		31	140	4	89	30							
5/16/2012	XX	GW206A1IJ	0.18	72		28	120	4.2	72	24							
8/15/2012	XX	GW206A20C	0.25	98		37	170	5.5	81	34							
10/30/2012	XX	GW206A226	0.21	93		27	140	4	86	30							
5/20/2013	XX	GW206A240	0.19	82		32	130	3.9	70	25							
7/23/2013	XX	GW206A25E	0.19	73		27	100	3.5	68	24							
10/2/2013	XX	GW206A278	0.27	97		38	150	4.1	77	28							
6/3/2014	XX	GW206A292	0.062	54.9		15.8	79.7	2.04	66.5	19.3							
8/20/2014	XX	GW206A2AG	0.333	126		44.4	177	4.69	97.7	35.6							
11/11/2014	XX	GW206A2CA	0.039	17.2		2.84	15.6	0.52	14	4.28							
6/2/2015	XX	GW206A2E6	0.224	82.6		30	132	3.3	82.5	26.5							
9/2/2015	XX	GW206A2G1	0.302	122		44.1	190	4.08	108	38.3							
11/3/2015	XX	GW206A2HF	0.059	38.6		7.09	51.1	1.6	47.6	13.8							
6/15/2016	XX	GW206A315	0.231	93.4		39.5	136	4.03	81.4	25.8							
9/21/2016	XX	GW206A32J	0.324	121		47.6	193	4.72	103	37.5							
11/9/2016	XX	GW206A34D	0.323	146		52.2	212	5.4	132	51.2							

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

(206A)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
6/13/2017	XX	GW206A368	0.177	89.6		29.9	135	3.69	81.9	26.5							
8/30/2017	XX	GW206A382	0.308	124		44.9	188	4.75	100	37.7							
11/15/2017	XX	GW206A39G	0.291	129		41.8	218	3.97	115	42.8							
6/19/2018	XX	GW206A3BB	0.252	91.3		35.8	154	4.08	82.5	26.9							
8/14/2018	XX	GW206A3E0	0.251	120		43	179	4.33	99.8	35.2							
11/27/2018	XX	GW206A3EJ	0.177	91.7		26.1	133	2.67	92.6	30.8							
6/4/2019	XX	GW206A3GE	0.122	70.5		19.6	106	2.62	66.2	20.1							
8/13/2019	XX	GW206A3J3	0.309	111		45.4	179	3.95	101	33.9							
10/23/2019	XX	GW206A402	0.316	147		49.2	232	4.19	129	44.3							
6/16/2020	XX	GW206A41H	0.286	92		40.4	127	3.34	90.4	25.8							
8/5/2020	XX	GW206A446	0.303	112		43.7	159	3.89	105	32.4							
10/20/2020	XX	GW206A455	0.273	146		52.3	226	4.7	128	44.2							
206B																	
4/27/2000	XX	206BXX36643				0.02 U		0.12	3.18	2.42							
8/2/2000	XX	206BXX36740				D		D	D	D							
10/25/2000	XX	206BXX36824				D		D	D	D							
5/8/2001	XX	206BXX37019	0.008 U			0.171		0.01	3.03	1.9							
7/25/2001	XX	206BXX37097	D			D		D	D	D							
10/17/2001	XX	206BXX37181	D			D		D	D	D							
5/16/2002	XX	206BXX37392	0.01 U	6.1		0.166	7.9	0.03	3.964	4.2							
7/29/2002	XX	206BXX37466	D	D		D	D	D	D	D							
10/15/2002	XX	206BXX37544	D	D		D	D	D	D	D							
6/17/2003	XX	206BXX37789	0.005 U	16		0.24	12	0.03	5.4	4.4							
8/18/2003	XX	206BXX37851	0.005 U	13		0.22	8.6	0.04	4	3.9							
10/13/2003	XX	206BXX37907	0.005 U	9.2		0.087	5.6	0.018	3.8	3.5							
4/29/2004	XX	206BXX38106	0.005 U	17		0.082	11	0.011	4.6	3.3							
8/16/2004	XX	206BXX38215	D	D		D	D	D	D	D							
10/12/2004	XX	206BXX38272	D	D		D	D	D	D	D							
5/17/2005	XX	GW206B00E	0.005 U	13		0.04	8.8	0.01 U	3.9	2.9							
8/15/2005	XX	GW206B026	D	D		D	D	D	D	D							
10/24/2005	XX	GW206B03I	0.005 U	8.4		0.08	2.7	0.01	3.9	4							
5/11/2006	XX	GW206B08E	0.005 U	14		0.03	8.1	0.01	5	2.5							
7/26/2006	XX	GW206B072	0.005 U	16		1.5 B	9.4	0.06	6.1	2.6							
10/23/2006	XX	GW206B05A	0.005 U	9.7		0.07	3.1	0.01	4	2.4							
5/14/2007	XX	GW206B0A6	0.005 U	17		0.34	9.7	0.022	6.4	3.1							
8/16/2007	XX	GW206B0BJ	D	D		D	D	D	D	D							
10/29/2007	XX	GW206B0DB	D	D		D	D	D	D	D							
5/27/2008	XX	GW206B0FJ	D	D		D	D	D	D	D							
8/13/2008	XX	GW206B0HJ	0.005 U	17		0.06	8.7	0.02	7	2.8							
10/20/2008	XX	GW206B0J7	D	D		D	D	D	D	D							
5/5/2009	XX	GW206B117	0.005 U	17		0.09	8.4	0.013	5.7	2.5							
8/6/2009	XX	GW206B137	0.005 U	15		0.039	7	0.01 U	5.8	2.2							
10/21/2009	XX	GW206B14F	0.005 U	19		0.29	9.1	0.062	7.5	2.8							
5/27/2010	XX	GW206B16G	D	D		D	D	D	D	D							
8/3/2010	XX	GW206B18H	D	D		D	D	D	D	D							
10/13/2010	XX	GW206B1A5	0.005 U	10		0.54	2.6	0.065	4.7	1.1							
5/17/2011	XX	GW206B1E4	0.005 U	9		0.02	1.4	0.01 U	3.6	1.3							
8/9/2011	XX	GW206B1FF	D	D		D	D	D	D	D							
11/4/2011	XX	GW206B1H6	0.0016 U	16		0.032	6.6	0.013	6.1	2.1							

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

(206B)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
5/16/2012	XX	GW206B1J0	0.005 U	12		0.014	3.1	0.01 U	4	1.7							
8/15/2012	XX	GW206B20D	I	I		I	I	I	I	I							
10/30/2012	XX	GW206B227	0.005 U	15		0.064	4.3	0.036	5.2	1.8							
5/20/2013	XX	GW206B241	0.005 U	8.6		0.18	3.3	0.03	3	1 U							
7/24/2013	XX	GW206B25F	0.005 U	15		0.41	5.9	0.051	5.6	1.6							
10/2/2013	XX	GW206B279	0.005 U	14		0.41	5.6	0.05	5.8	1.6							
6/3/2014	XX	GW206B293	0.008 U	18.3		0.174	7.33	0.0144	5.85	1.97							
8/20/2014	XX	GW206B2AH	D	D		D	D	D	D	D							
11/11/2014	XX	GW206B2CB	0.008 U	7.48		0.243	1.69	0.0178	3.5	2.45							
6/2/2015	XX	GW206B2E7	0.008 U	9.95		0.439	2.64	0.036	3.32	1.05							
9/2/2015	XX	GW206B2G2	I	I		I	I	I	I	I							
11/3/2015	XX	GW206B2HG	0.008 U	10		0.1 U	2	0.015	3.73	2.34							
6/15/2016	XX	GW206B316	0.008 U	14		0.362	5.69	0.042	5.2	1.51							
9/21/2016	XX	GW206B330	D	D		D	D	D	D	D							
11/9/2016	XX	GW206B34E	D	D		D	D	D	D	D							
6/13/2017	XX	GW206B369	0.008 U	13.4		0.1 U	4.51	0.009	4.73	1.55							
8/30/2017	XX	GW206B383	I	I		I	I	I	I	I							
11/15/2017	XX	GW206B39H	0.008 U	18.5		0.35	7.06	0.0368	6.5	2.1							
6/19/2018	XX	GW206B3BC	0.008 U	16.3		0.374	6.89	0.0924	5.51	1.9							
8/14/2018	XX	GW206B3E1	I	I		I	I	I	I	I							
11/27/2018	XX	GW206B3F0	0.008 U	10.5		0.192	2.03	0.0161	3.56	1.42							
6/4/2019	XX	GW206B3GF	0.008 U	14.4		0.1 U	4.12	0.0182	4.2	1.54							
8/13/2019	XX	GW206B3J4	0.008 U	15.3		2.43	6.24	0.194	5.56	1.93							
10/23/2019	XX	GW206B403	D	D		D	D	D	D	D							
6/16/2020	XX	GW206B41I	0.008 U	18.6		1.61	6.84	0.102	5.75	2.66							
8/5/2020	XX	GW206B447	I	I		I	I	I	I	I							
10/22/2020	XX	GW206B456	D	D		D	D	D	D	D							
301																	
5/3/2000	XX	301XX36649				0.02 U		0.128	0.98	5.93							
8/9/2000	XX	301XX36747				0.051		0.38	1.29	6.94							
11/8/2000	XX	301XX36838	0.008 U			0.049		0.21	1.07	6.4							
5/16/2001	XX	301XX37027	0.008 U			0.02 U		0.77	1.19	8.2							
7/31/2001	XX	301XX37103	0.008 U			0.037		0.77	1.18	8.5							
10/23/2001	XX	301XX37187	0.008 U			0.02 U		0.94	1.66	11							
5/21/2002	XX	301XX37397	0.01 U	41.9		0.043	9	0.93	1.449	10.6							
8/2/2002	XX	301XX37470	0.01 U	44.1	0.01 U	0.038	9.1	0.7	1.45	10.7							
10/23/2002	XX	301XX37552	0.01 U	67.7	0.01 U	0.047	9	0.63	1.83	10.1							
6/24/2003	XX	301XX37796	0.005 U	110	0.003 U	0.042	11	0.74	1.7	11							
8/12/2003	XX	301XX37845	0.005 U	110	0.009	0.03	11	0.4	1.9	12							
10/16/2003	XX	301XX37910	0.005 U	110	0.003 U	0.089	11	0.43	1.9	12							
5/5/2004	XX	301XX38112	0.005 U	120	0.003 U	0.029	13	0.21	2.2	15							
8/9/2004	XX	301XX38208	0.005 U	110	0.0043	0.041	12	0.034	1.9	14							
10/20/2004	XX	301XX38280	0.005 U	110	0.003 U	0.048	13	0.64	2.3	18							
5/11/2005	XX	GW301X00F	0.005 U	120	0.003	0.1	14	0.47	1.7	16							
7/27/2005	XX	GW301X027	0.005 U	140	0.003 U	0.05	14	0.47	2.4	19							
11/7/2005	XX	GW301X03J	0.005 U	150	0.003 U	0.03	14	0.32	2.8	18							
5/1/2006	XX	GW301X08F	0.005 U	150	0.006 B	0.03	18	0.72	2.1	24							
7/31/2006	XX	GW301X073	0.005 U	170	0.007 B	0.05 B	18	0.78	3.6	29							
10/26/2006	XX	GW301X05B	0.005 U	130	0.003 U	0.05 B	17	0.52	3.5	26							

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

(301)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
5/9/2007	XX	GW301X0A7	0.005 U	170		0.09	18	0.67	2.5	26							
8/9/2007	XX	GW301X0C0	0.005 U	190		0.087	20	0.68	3.9	31							
10/30/2007	XX	GW301X0DC	0.005 U	220		0.076	29	0.85	2.5	31							
10/30/2007	XD	GWDP3X0F0	0.005 U	220		0.066	29	0.84	2.5	30							
6/3/2008	XX	GW301X0G0	0.005 U	220		0.17	30	1.1	4.5	29							
8/14/2008	XX	GW301X0I0	0.005 U	190		0.1	22	0.82	2.3	25							
8/14/2008	XD	GWDP3X0H4	0.005 U	210		0.11	24	0.86	2.5	27							
10/21/2008	XX	GW301X0J8	0.005 U	270		0.2	27	1.1	4.4	27							
5/11/2009	XX	GW301X118	0.005 U	260		0.4	28	1.2	2.2	28							
8/10/2009	XX	GW301X138	0.005 U	320		0.2	26	0.85	2.4	27							
10/22/2009	XX	GW301X14G	0.005 U	230		0.15	28	0.83	4.2	29							
10/22/2009	XD	GWDP3X15G	0.005 U	280		0.15	27	0.83	4.1	28							
6/1/2010	XX	GW301X16H	0.005 U	240		0.22	28	0.56	3.9	28							
8/5/2010	XX	GW301X18I	0.005 U	260		0.11	28	0.55	4.2	28							
10/18/2010	XX	GW301X1A6	0.005 U	200		0.43	29	0.92	2.8	30							
5/18/2011	XX	GW301X1D9	0.005 U	230		0.13	34	0.56	4.1	28							
8/9/2011	XX	GW301X1F0	0.0016 U	240		0.093	32	0.55	4.1	30							
11/2/2011	XX	GW301X1GB	0.0016 U	210		0.24	32	0.53	4.6	30							
5/15/2012	XX	GW301X1I5	0.005 U	220		0.26	32	0.48	4.4	27							
8/14/2012	XX	GW301X1JI	0.005 U	200		0.14	29	0.4	4.4	30							
10/30/2012	XX	GW301X21C	0.005 U	260		0.15	34	0.43	5.4	31							
5/22/2013	XX	GW301X236	0.005 U	240		0.24	34	0.49	4.5	27							
7/25/2013	XX	GW301X250	0.005 U	260		0.54	40	0.95	5.8	37							
10/1/2013	XX	GW301X26E	0.005 U	240		0.83	35	0.47	4.6	31							
6/4/2014	XX	GW301X288	0.008 U	290		0.565	47.9	1.1	2.74	40							
8/20/2014	XX	GW301X2A2	0.008 U	321		0.423	49.9	0.91	3.14	45.1							
11/11/2014	XX	GW301X2BG	0.008 U	270		0.179	43.3	0.496	2.98	38.7							
6/3/2015	XX	GW301X2DC	0.008 U	276		0.209	45.7	0.572	2.55	37.5							
9/1/2015	XX	GW301X2F7	0.008 U	318		0.216	57.4	0.692	3.33	56.7							
11/4/2015	XX	GW301X2H1	0.008 U	292		0.137	49.2	0.521	3.1	44.4							
6/15/2016	XX	GW301X30B	0.008 U	290		0.101	55.8	0.625	2.8	51.4							
9/20/2016	XX	GW301X325	0.008 U	290		0.136	59.8	0.58	3	60.7							
11/10/2016	XX	GW301X33J	0.008 U	296		0.302	64.6	0.761	3.1	62.9							
6/14/2017	XX	GW301X35E	0.008 U	328		0.161	64.4	0.48	3.2	60.8							
8/29/2017	XX	GW301X378	0.008 U	305		0.1 U	61.8	0.481	3.19	65.5							
11/14/2017	XX	GW301X392	0.008 U	286		0.1 U	57	0.306	3	58.6							
6/19/2018	XX	GW301X3AH	0.008 U	268		0.161	73.8	0.57	2.86	65.4							
8/14/2018	XX	GW301X3D6	0.008 U	297		0.163	66.6	0.468	3.08	67.3							
11/28/2018	XX	GW301X3E5	0.008 U	313		0.349	64.6	0.35	3.18	64.4							
6/5/2019	XX	GW301X3G0	0.008 U	288		0.197	77.8	0.709	2.85	72.6							
8/13/2019	XX	GW301X3I9	0.008 U	269		0.106	79.4	0.597	3.2	82.3							
10/23/2019	XX	GW301X3J8	0.008 U	282		0.166	77	0.631	3.2	80.8							
6/16/2020	XX	GW301X413	0.008 U	277		0.106	70.9	0.552	2.77	74.6							
8/4/2020	XX	GW301X43C	0.008 U			0.1 U	75.9	0.581	3.05	81.2							
8/4/2020	XX	GW301X43CR		274													
10/21/2020	XX	GW301X44B	0.008 U	301		0.114	79.9	0.51	3.42	80.9							
302B																	
5/3/2000	XX	302BXX36649				0.02 U		1.118	1.16	7.03							
8/9/2000	XX	302BXX36747				0.069		1.87	1.41	7.07							

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

(302B)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
11/8/2000	XX	302BXX36838	0.008 U			0.202		1.54	1.3	6.5
5/16/2001	XX	302BXX37027	0.008 U			0.021		1.88	1.24	7.1
7/31/2001	XX	302BXX37103	0.008 U			0.039		1.42	1.54	7.5
10/23/2001	XX	302BXX37187	0.008 U			0.149		1.15	1.53	7.3
5/21/2002	XX	302BXX37397	0.01 U	92		0.039	7.3	3.32	1.48	11.3
8/7/2002	XX	302BXX37475	0.01 U	100.8	0.01 U	0.02 U	8.9	2.68	1.45	9.7
10/23/2002	XX	302BXX37552	0.012	82.2	0.01 U	0.063	9.8	1.36	1.63	8.1
6/23/2003	XX	302BXX37795	0.005 U	160	0.003 U	0.012	14	4.7	2.2	18
8/12/2003	XX	302BXX37845	0.005 U	130	0.02	0.034	11	3.7	1.8	13
10/20/2003	XX	302BXX37914	0.005 U	160	0.007	0.021	15	4.8	2.4	22
5/4/2004	XX	302BXX38111	0.005 U	180	0.0035	0.036	21	6.2	3.8	26
8/5/2004	XX	302BXX38204	0.005 U	160	0.0044	0.064	14	9.5	2.3	19
10/20/2004	XX	302BXX38280	0.005 U	170	0.003 U	0.028	16	4.1	2.8	20
5/11/2005	XX	GW302B00G	0.005 U	170	0.004	0.02	17	8.1	2	25
7/27/2005	XX	GW302B028	0.005 U	200	0.003 U	0.01	17	6.3	2.7	26
11/7/2005	XX	GW302B040	0.005 U	180	0.003 U	0.13	17	7.8	3.4	26
5/1/2006	XX	GW302B08G	0.005 U	220	0.009 B	0.02	21	9.7	2.2	34
7/31/2006	XX	GW302B074	0.005 U	210	0.006 B	0.03 B	26	11	3.7	35
10/25/2006	XX	GW302B05C	0.005 U	220	0.003 U	0.02	18	9	3.1	27
5/9/2007	XX	GW302B0A8	0.005 U	180		0.017	19	7.4	2.8	38
8/9/2007	XX	GW302B0C1	0.005 U	190		0.031	19	1.6	3.7	31
10/30/2007	XX	GW302B0DD	0.005 U	220		0.03	19	11	2	29
6/2/2008	XX	GW302B0G1	0.005 U	170		0.019	25	13	3.7	31
8/14/2008	XX	GW302B0I1	0.005 U	190		0.02	23	14	2	34
10/21/2008	XX	GW302B0J9	0.005 U	220		0.03	22	16	3.2	27
10/21/2008	XD	GWDP3X108	0.005 U	230		0.02	22	16	3.3	28
5/11/2009	XX	GW302B119	0.005 U	230		0.21	36	24	1.8	39
8/10/2009	XX	GW302B139	0.005 U	230		0.019	23	16	1.7	31
8/10/2009	XD	GWDP3X12C	0.005 U	230		0.012	25	17	3.2	35
10/22/2009	XX	GW302B14H	0.005 U	170		0.014	23	9.2	3.3	29
6/1/2010	XX	GW302B16I	0.005 U	200		0.011	26	15	3.2	31
8/4/2010	XX	GW302B18J	0.005 U	190		0.013	23	13	3.1	30
10/14/2010	XX	GW302B1A7	0.005 U	160		0.033	21	13	2	31
5/18/2011	XX	GW302B1DA	0.005 U	150		0.024	34	17	3.3	38
8/8/2011	XX	GW302B1F1	0.0016 U	90		0.01	18	14	1.6	20
11/1/2011	XX	GW302B1GC	0.0016 U	200		0.022	36	20	4.3	43
5/15/2012	XX	GW302B1I6	0.005 U	190		0.01	39	21	4	40
8/16/2012	XX	GW302B1JJ	0.005 U	160		0.01 U	34	14	4.2	40
10/30/2012	XX	GW302B21D	0.005 U	220		0.12	34	20	4.7	42
5/21/2013	XX	GW302B237	0.005 U	120		0.017	27	16	2.5	27
7/25/2013	XX	GW302B251	0.005 U	200		0.02	41	22	4.6	43
10/1/2013	XX	GW302B26F	0.005 U	200		0.015	38	22	4	43
6/3/2014	XX	GW302B289	0.008 U	193		0.1 U	41.9	22.3	2.01	43.1
8/20/2014	XX	GW302B2A3	0.008 U	223		0.1 U	38.8	23.8	2.1	42.6
11/11/2014	XX	GW302B2BH	0.008 U	200		0.1 U	34.8	19.9	2.19	40.7
6/3/2015	XX	GW302B2DD	0.008 U	206		0.1 U	47.7	27.9	2.16	44
9/1/2015	XX	GW302B2F8	0.008 U	230		0.1 U	47.4	28.7	2.5	51.3
11/4/2015	XX	GW302B2H2	0.02 U	224		0.2 U	45.2	25.6	2.51	49.2
6/15/2016	XX	GW302B30C	0.008 U	220		0.1 U	52.3	30.6	2.7	50.7
9/21/2016	XX	GW302B326	0.008 U	198		0.1 U	44.3	24.6	2.5	44.5

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

(302B)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
11/8/2016	XX	GW302B340	0.008 U	213		0.1 U	42.1	19.7	2.6	43.5							
6/13/2017	XX	GW302B35F	0.008 U	217		0.146	53.6	33.8	2.88	54.6							
8/29/2017	XX	GW302B379	0.008 U	212		0.1 U	46.3	24.6	2.79	50							
11/14/2017	XX	GW302B393	0.008 U	219		0.1 U	46.5	28	2.9	52.6							
6/19/2018	XX	GW302B3AI	0.008 U	203		0.151	60.8	35.6	3.37	55.8							
8/14/2018	XX	GW302B3D7	0.008 U	209		0.1 U	51.5	30.6	3.41	51.1							
11/28/2018	XX	GW302B3E6	0.008 U	224		0.1 U	47.4	27.6	3.4	53.5							
6/5/2019	XX	GW302B3G1	0.008 U	230		0.1 U	63.6	35.5	4.22	61.1							
8/13/2019	XX	GW302B3IA	0.008 U	234		0.1 U	67.7	39.8	5.06	65.2							
10/23/2019	XX	GW302B3J9	0.008 U	247		0.1 U	59.3	37.5	4.85	60.6							
6/17/2020	XX	GW302B414	0.008 U	231		0.1 U	56.1	37	4.2	62.4							
8/5/2020	XX	GW302B43D	0.04 U	610		0.5 U	156	89.5	12.4	152							
10/21/2020	XX	GW302B44C	0.008 U	137		0.1 U	31.5	18.4	2.64	32.4							
302C																	
5/3/2000	XX	302CXX36649				0.02 U		0.171	1.19	6.98							
8/9/2000	XX	302CXX36747				1.039		0.62	1.6	9.74							
11/8/2000	XX	302CXX36838	0.008 U			0.873		0.51	1.32	7.7							
5/16/2001	XX	302CXX37027	0.008 U			0.534		0.45	1.42	9.9							
7/31/2001	XX	302CXX37103	0.008 U			2.442		1.03	1.51	8.8							
10/23/2001	XX	302CXX37187	0.008 U			1.818		1.01	1.81	9.8							
5/21/2002	XX	302CXX37397	0.01 U	93.3		0.037	9.2	0.59	1.454	11.7							
8/7/2002	XX	302CXX37475	0.01 U	90.4	0.01 U	1.365	13.9	0.97	1.85	16.4							
10/23/2002	XX	302CXX37552	0.012	94.7	0.01 U	1.069	15.3	0.76	2.28	16.1							
6/23/2003	XX	302CXX37795	0.005 U	120	0.004	0.38	18	2.2	2.3	20							
8/12/2003	XX	302CXX37845	0.005 U	170	0.015	0.95	24	2.3	3.4	29							
10/20/2003	XX	302CXX37914	0.005 U	110	0.006	0.26	17	2.7	2.6	23							
5/4/2004	XX	302CXX38111	0.005 U	130	0.0056	0.26	22	4.1	3.5	25							
8/5/2004	XX	302CXX38204	0.005 U	240	0.0058	1.2	22	8	2.9	47							
10/20/2004	XX	302CXX38280	0.005 U	140	0.003 U	2.3	18	3.8	2.7	24							
5/11/2005	XX	GW302C00H	0.005 U	120	0.005	0.08	23	5.9	2	28							
7/27/2005	XX	GW302C029	0.005 U	180	0.003 U	1.6	30	8.2	3.2	34							
11/7/2005	XX	GW302C041	0.005 U	150	0.003	0.4	29	9.8	3.5	33							
5/1/2006	XX	GW302C08H	0.005 U	160	0.01 B	0.41	35	13	2.1	38							
7/31/2006	XX	GW302C075	0.005 U	190	0.004 B	1.2 B	34	15	4.4	41							
10/25/2006	XX	GW302C05D	0.005 U	120	0.003 U	0.28	20	11	2.5	38							
5/9/2007	XX	GW302C0A9	0.005 U	130		0.21	30	14	2.7	36							
8/9/2007	XX	GW302C0C2	0.005 U	160		2.3	22	12	3.4	32							
8/9/2007	XD	GWDP3X0EG	0.005 U	160		2.2	21	12	3.5	30							
10/30/2007	XX	GW302C0DE	0.005 U	160		0.86	31	17	2.1	34							
6/2/2008	XX	GW302C0G2	0.005 U	180		1	37	20	4	38							
6/2/2008	XD	GWDP3X0F4	0.005 U	170		1	35	19	3.9	36							
8/14/2008	XX	GW302C0I2	0.005 U	140		0.21	29	18	2	38							
10/21/2008	XX	GW302C0JA	0.005 U	190		1.2	27	22	3.8	33							
5/11/2009	XX	GW302C11A	0.005 U	160		0.21	35	25	1.8	38							
8/10/2009	XX	GW302C13A	0.005 U	140		0.18	32	21	1.9	37							
10/22/2009	XX	GW302C14I	0.005 U	140		0.64	26	19	3.3	30							
6/1/2010	XX	GWXXXX17F	0.005 U	210		0.7	31	28	3.2	33							
6/1/2010	XD	GWDP3X161	0.005 U	220		0.72	31	30	3.2	34							
8/4/2010	XX	GW302C190	0.005 U	150		0.83	27	20	3.2	31							

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

(302C)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
10/14/2010	XX	GW302C1A8	0.005 U	130		0.4	31	19	2	36							
5/18/2011	XX	GW302C1DB	0.005 U	72		0.049	24	11	1.9	23							
5/18/2011	XD	GWXXXX1EH	0.005 U	72		0.045	23	11	1.9	22							
8/8/2011	XX	GW302C1F2	0.0016 U	150		0.6	38	25	3	41							
11/1/2011	XX	GW302C1GD	0.0016 U	150		0.17	44	25	4	42							
11/1/2011	XD	GWDP1X1HI	0.0016 U	160		0.19	47	27	4.3	46							
5/15/2012	XX	GW302C1I7	0.005 U	100		0.096	32	18	2.6	26							
5/15/2012	XD	GWDP2X1JD	0.005 U	98		0.11	31	18	2.6	27							
8/16/2012	XX	GW302C200	0.005 U	160		0.68	45	30	4.8	47							
8/16/2012	XD	GWDP2X216	0.005 U	170		0.69	47	30	4.6	50							
10/30/2012	XX	GW302C21E	0.005 U	180		0.03	49	28	5	46							
10/30/2012	XD	GWDP3X231	0.005 U	160		0.32	47	28	4.6	44							
5/21/2013	XX	GW302C238	0.005 U	180		0.42	49	30	4.3	45							
7/25/2013	XX	GW302C252	0.005 U	180		0.56	48	31	5	48							
7/25/2013	XD	GWDP1X267	0.005 U	180		0.51	47	30	5.1	46							
10/1/2013	XX	GW302C26G	0.005 U	170		0.49	47	29	4.3	46							
10/1/2013	XD	GWDP1X281	0.005 U	170		0.49	45	28	4.2	45							
6/3/2014	XX	GW302C28A	0.008 U	173		0.505	49.3	29.9	2.17	44.6							
8/20/2014	XX	GW302C2A4	0.008 U	165		0.702	39.6	28.8	2.26	39							
8/20/2014	XD	GWDP3X2BB	0.008 U	158		0.684	38.1	29.1	2.16	37.5							
11/11/2014	XX	GW302C2BI	0.008 U	155		0.192	50.3	35.8	2.81	45.9							
11/11/2014	XD	GWDP1X2D3	0.008 U	153		0.175	50.3	36.3	2.79	45.7							
6/3/2015	XX	GW302C2DE	0.008 U	159		0.229	57	42	2.69	43.9							
9/1/2015	XX	GW302C2F9	0.008 U	168		0.534	47.7	31.5	2.72	47.3							
9/1/2015	XD	GWDP3X2GG	0.008 U	158		0.488	44.2	29.6	2.6	44.8							
11/4/2015	XX	GW302C2H3	0.02 U	170		0.2 U	58.8	39.2	3.62	51.6							
11/4/2015	XD	GWDP1X2I8	0.02 U	176		0.2 U	60.6	40.4	3.68	54							
6/15/2016	XX	GW302C30D	0.008 U	196		0.606	58.7	36.6	3.1	54							
9/21/2016	XD	GWDP3X33E	0.008 U	157		0.724	46.4	32.8	2.8	47.3							
9/21/2016	XX	GW302C327	0.008 U	152		0.705	44.8	33	2.8	45.9							
11/8/2016	XD	GWDP1X356	0.008 U	180		0.752	45.2	37.4	3.6	44.1							
11/8/2016	XX	GW302C341	0.008 U	192		0.796	46.9	40	3.8	44							
6/13/2017	XX	GW302C35G	0.008 U	191		0.444	61	43.6	3.99	56.4							
8/29/2017	XD	GWDP3X38H	0.008 U	169		0.68	48.9	34.6	3.23	51.3							
8/29/2017	XX	GW302C37A	0.008 U	170		0.687	48.9	34.8	3.23	51.6							
11/14/2017	XD	GWDP1X3A9	0.008 U	144		0.242	50.5	37	5.8	48.1							
11/14/2017	XX	GW302C394	0.008 U	150		0.251	52.4	37.8	6	50.1							
6/19/2018	XX	GW302C3AJ	0.008 U	184		0.572	68.8	45.3	5.06	57.6							
8/14/2018	XD	GWDP3X3D1	0.008 U	172		0.575	54.6	36.4	5.56	52.7							
8/14/2018	XX	GW302C3D8	0.008 U	176		0.585	53.3	36	5.72	53.7							
11/28/2018	XD	GWDP1X3FC	0.008 U	191		0.22	71.8	53	10.7	61.8							
11/28/2018	XX	GW302C3E7	0.008 U	188		0.223	69.5	50.5	10.5	60.8							
6/5/2019	XX	GW302C3G2	0.008 U	185		0.167	74	55	11.4	60.7							
8/13/2019	XD	GWDP3X3I4	0.008 U	178		1	62.1	0.01 U	4.25	56.9							
8/13/2019	XX	GW302C3IB	0.008 U	187		1.11	65.2	44.7	4.49	60.1							
10/23/2019	XD	GWDP1X40F	0.008 U	178		0.598	60.1	44.9	8.28	55.2							
10/23/2019	XX	GW302C3JA	0.008 U	173		0.673	55.7	41.3	4.75	51.6							
6/17/2020	XX	GW302C415	0.008 U	208		0.693	68.1	57.5	8.06	65.4							
8/5/2020	XD	GWDP3X437	0.04 U	202		0.99	66	47	6	60							
8/5/2020	XX	GW302C43E	0.04 U	191		0.88	62.5	45.4	7.3	57.5							

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

(302C) Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
10/21/2020	XD	GWDP1X45I	0.008 U	198		0.314	80.5	60.5	19.8	61.6							
10/21/2020	XX	GW302C44DR					62.9										
10/21/2020	XX	GW302C44D	0.008 U	186		0.306		60.5	18.5	57.1							
303A																	
4/27/2000	XX	303AXX36643				0.071		8.8	38	31.88							
8/2/2000	XX	303AXX36740				0.634		10.06	41.1	29.21							
10/25/2000	XX	303AXX36824	0.008 U			0.579		15.36	54.6	48							
5/9/2001	XX	303AXX37020	0.008 U			0.023		17.73	60.5	54.3							
7/25/2001	XX	303AXX37097	0.008 U			0.942		11.91	47.1	37.8							
10/17/2001	XX	303AXX37181	0.01 U			0.02 U		17.34	67.1	53.1							
5/16/2002	XX	303AXX37392	0.01 U	125.7		0.25	125.1	11.61	50.48	34							
8/1/2002	XX	303AXX37469	0.022	130.4	0.01 U	0.316	97.8	9.36	44.4	30.7							
10/17/2002	XX	303AXX37546	0.01 U	142.6	0.01 U	0.158	123.2	11.67	48.2	32.6							
6/23/2003	XX	303AXX37795	0.005 U	120	0.003	0.42	98	9.7	39	30							
8/19/2003	XX	303AXX37852	0.005 U	140	0.013	0.49	110	11	52	37							
10/14/2003	XX	303AXX37908	0.005 U	180	0.003 U	0.15	130	12	53	42							
5/3/2004	XX	303AXX38110	0.005 U	170	0.003 U	0.84	140	13	56	39							
8/17/2004	XX	303AXX38216	0.005 U	150	0.0036	0.016	150	14	52	37							
10/19/2004	XX	303AXX38279	0.005 U	160	0.0043	0.2	190	16	71	43							
5/18/2005	XX	GW303A00I	0.005 U	150	0.003 U	0.09	160	13	62	40							
8/15/2005	XX	GW303A02A	0.005 U	120	0.003 U	0.26	100	10	57	30							
11/3/2005	XX	GW303A042	0.005 U	140	0.007	0.08	150	14	71	40							
5/11/2006	XX	GW303A08I	0.005 U	110	0.005 B	0.05	100	12	47	26							
7/26/2006	XX	GW303A076	0.005 U	100	0.003 U	0.19 B	94	11	46	26							
10/24/2006	XX	GW303A05E	0.005 U	96	0.005	0.25 B	97	15	47	26							
5/15/2007	XX	GW303A0AA	0.005 U	100		0.084	100	12	50	36							
8/15/2007	XX	GW303A0C3	0.005 U	94		0.3	75	9.8	34	20							
8/15/2007	XD	GWDP2X0EF	0.005 U	94		0.29	75	9.9	34	20							
10/29/2007	XX	GW303A0DF	0.005 U	140		0.22	160	21	62	36							
6/2/2008	XX	GW303A0G3	0.005 U	100		0.48	96	12	43	28							
8/13/2008	XX	GW303A0I3	0.005 U	73		0.42	63	9.8	35	19							
10/20/2008	XX	GW303A0JB	0.005 U	81		0.56	66	9.9	34	18							
5/5/2009	XX	GW303A11B	0.005 U	130		0.3	110	17	48	24							
8/6/2009	XX	GW303A13B	0.005 U	110		0.39	91	14	34	17							
10/21/2009	XX	GW303A14J	0.005 U	72		0.67	50	8.8	32	17							
5/27/2010	XX	GW303A170	0.005 U	91		0.51	74	12	41	16							
8/4/2010	XX	GW303A191	0.005 U	87		0.35	76	13	40	16							
10/14/2010	XX	GW303A1A9	0.005 U	95		2.3	73	13	33	23							
5/17/2011	XX	GW303A1E5	0.005 U	75		0.89	57	9.4	31	17							
8/9/2011	XX	GW303A1FG	0.0016 U	53		0.062	43	8.2	28	12							
11/3/2011	XX	GW303A1H7	0.0016 U	64		0.023	68	12	33	17							
5/17/2012	XX	GW303A1J1	0.005 U	73		0.013	64	11	32	18							
8/15/2012	XX	GW303A20E	0.005 U	68		0.52	56	9.8	28	15							
11/1/2012	XX	GW303A228	0.005 U	77		0.066	76	15	44	20							
5/21/2013	XX	GW303A242	0.005 U	74		0.43	50	7.9	23	14							
7/24/2013	XX	GW303A25G	0.005 U	61		0.58	40	7.1	27	13							
10/2/2013	XX	GW303A27A	0.005 U	68		0.64	42	7.7	25	12							
6/3/2014	XX	GW303A294	0.008 U	57.3		0.1 U	59.4	9.04	30.6	13.1							
8/20/2014	XX	GW303A2AI	0.008 U	61.4		0.1 U	51	9.04	31.6	11.2							

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

(303A)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
11/12/2014	XX	GW303A2CC	0.008 U	75.5		0.1 U	78.4	12.5	40.4	17							
6/3/2015	XX	GW303A2E8	0.008 U	47.3		0.1 U	49.5	8.48	29.3	10.8							
9/1/2015	XX	GW303A2G3	0.008 U	45.8		0.1 U	46.3	7.41	31.8	10.6							
11/3/2015	XX	GW303A2HH	0.008 U	60.5		0.1 U	60.8	10.6	36.5	13.9							
6/15/2016	XX	GW303A317	0.008 U	42.1		0.1 U	36.5	6	25.3	8.37							
9/20/2016	XX	GW303A331	0.008 U	50.6		0.1 U	47	9.21	31.9	10.1							
11/8/2016	XX	GW303A34F	0.008 U	74.4		0.121	60.3	11.8	34.8	14.4							
6/13/2017	XX	GW303A36A	0.008 U	47.7		0.1 U	45	7.41	27.9	10.9							
8/30/2017	XX	GW303A384	0.008 U	49.9		0.637	40	6.72	27.6	9.95							
11/15/2017	XX	GW303A39I	0.008 U	75.2		0.554	66.4	11.8	35.6	14.7							
6/20/2018	XX	GW303A3BD	0.008 U	55		0.865	37.5	6.66	28.3	10.4							
8/15/2018	XX	GW303A3E2	0.008 U	46		0.561	36	5.88	25.1	8.54							
11/27/2018	XX	GW303A3F1	0.008 U	92.6		0.56	82.2	13.3	38.4	19.1							
6/4/2019	XX	GW303A3GG	0.008 U	43.8		0.1 U	43	6.83	27.1	9.84							
8/14/2019	XD	GWDP1X3I2	0.008 U	40		0.1 U	34.1	5.58	26.2	8.22							
8/14/2019	XX	GW303A3J5	0.008 U	37.2		0.1 U	31.2	5.11	23.9	7.6							
10/22/2019	XX	GW303A404	0.008 U	50.9		0.1 U	49.2	8.19	31.5	9.56							
6/16/2020	XX	GW303A41J	0.008 U	48.6		0.1 U	47.6	7.47	30.5	10.9							
8/4/2020	XD	GWDP1X435R		51.5													
8/4/2020	XD	GWDP1X435	0.008 U			0.1 U	48.1	7.14	30.6	10.4							
8/4/2020	XX	GW303A448	0.008 U			0.1 U	48.6	7.21	30.5	10.4							
8/4/2020	XX	GW303A448R		51.2													
10/20/2020	XX	GW303A457	0.008 U	72		0.1 U	68.6	11.3	37	13.5							
303B																	
4/27/2000	XX	303BXX36643				0.02 U		6.1	23.7	16.36							
8/2/2000	XX	303BXX36740				0.035		11.9	37.3	29.06							
10/25/2000	XX	303BXX36824	0.008 U			0.182		17.96	51.9	59.3							
5/9/2001	XX	303BXX37020	0.008 U			0.03		11.61	41.1	35							
7/25/2001	XX	303BXX37097	0.008 U			0.025		16.44	56.3	37							
10/17/2001	XX	303BXX37181	0.01 U			0.03		19.32	69.3	59.8							
5/16/2002	XX	303BXX37392	0.01 U	77.5		0.027	75.7	9.09	37.06	22.3							
8/2/2002	XX	303BXX37470	0.021	71.1	0.01 U	0.02 U	68.6	9.22	37.2	19.5							
10/17/2002	XX	303BXX37546	0.01 U	144.5	0.01 U	0.041	155	28.06	47.9	41.3							
6/23/2003	XX	303BXX37795	0.005 U	65	0.003 U	0.011	70	6.7	31	19							
8/19/2003	XX	303BXX37852	0.005 U	110	0.014	0.072	120	11	51	37							
10/14/2003	XX	303BXX37908	0.005 U	150	0.003	0.01 U	170	13	56	46							
5/3/2004	XX	303BXX38110	0.005 U	79	0.003	0.06	110	10	46	27							
8/17/2004	XX	303BXX38216	0.005 U	110	0.0051	0.011	170	13	51	35							
10/19/2004	XX	303BXX38279	0.005 U	140	0.0043	0.02	190	13	67	47							
5/18/2005	XX	GW303B00J	0.005 U	55	0.003 U	0.05	10 U	7.2	37	18							
8/15/2005	XX	GW303B02B	0.005 U	54	0.003	0.01 U	68	8.3	44	16							
11/3/2005	XX	GW303B043	0.005 U	110	0.007	0.01	150	13	65	38							
5/11/2006	XX	GW303B08J	0.005 U	76	0.004 B	0.01 U	93	13	39	24							
7/26/2006	XX	GW303B077	0.005 U	58	0.003 U	0.01 B	72	10	37	17							
10/24/2006	XX	GW303B05F	0.005 U	120	0.006	0.02 B	150	18	48	34							
5/15/2007	XX	GW303B0AB	0.005 U	54		0.017	63	8.5	36	19							
8/15/2007	XX	GW303B0C4	0.005 U	69		0.039	78	12	33	18							
10/29/2007	XX	GW303B0DG	0.005 U	150		0.036	190	18	59	38							
6/3/2008	XX	GW303B0G4	0.005 U	52		0.02	63	9.1	37	17							

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

(303B)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
8/13/2008	XX	GW303B0I4	0.005 U	42		0.01	42	8.4	28	13							
10/20/2008	XX	GW303B0JC	0.005 U	65		0.01	69	11	31	17							
5/5/2009	XX	GW303B11C	0.005 U	60		0.01	62	9.9	24	14							
8/6/2009	XX	GW303B13C	0.005 U	37		0.01 U	37	9.8	23	10							
10/21/2009	XX	GW303B150	0.005 U	53		0.01 U	55	7.6	32	14							
5/27/2010	XX	GW303B171	0.005 U	45		0.011	37	7.5	27	9.2							
8/4/2010	XX	GW303B192	0.005 U	83		0.02	83	14	39	18							
8/4/2010	XD	GWDP2X181	0.005 U	64		0.014	66	11	31	18							
10/14/2010	XX	GW303B1AA	0.005 U	79		0.02	80	7.6	30	22							
5/17/2011	XX	GW303B1E6	0.005 U	34		0.01 U	32	5.8	21	8.6							
8/9/2011	XX	GW303B1FH	0.0016 U	28		0.016	26	5.5	19	6.8							
11/3/2011	XX	GW303B1H8	0.0016 U	59		0.0039 J	62	8.9	25	16							
5/17/2012	XX	GW303B1J2	0.005 U	44		0.01 U	44	7.4	24	12							
8/15/2012	XX	GW303B20F	0.005 U	44		0.01 U	45	8.2	23	12							
11/1/2012	XX	GW303B229	0.005 U	89		0.01 U	86	12	40	23							
5/21/2013	XX	GW303B243	0.005 U	35		0.01 U	34	5.7	18	7.3							
7/24/2013	XX	GW303B25H	0.005 U	31		0.01 U	28	5.3	20	7.8							
10/2/2013	XX	GW303B27B	0.005 U	48		0.01 U	43	7.4	23	11							
6/3/2014	XX	GW303B295	0.008 U	37.9		0.1 U	35.1	5.08	21.1	8.04							
8/20/2014	XX	GW303B2AJ	0.008 U	56.9		0.1 U	44.6	8.09	28.4	11							
11/12/2014	XX	GW303B2CD	0.008 U	89.5		0.129	84.6	7.47	36	18.9							
6/3/2015	XX	GW303B2E9	0.008 U	35.8		0.1 U	33.8	5.76	22.1	7.98							
9/1/2015	XX	GW303B2G4	0.008 U	42.2		0.1 U	39.5	5.54	27.1	9.93							
11/3/2015	XX	GW303B2HI	0.008 U	54.2		0.1 U	51.7	7.8	28.7	12.3							
6/15/2016	XX	GW303B318	0.008 U	24.6		0.1 U	23.3	4.07	17.5	4.96							
9/20/2016	XX	GW303B332	0.008 U	62.9		0.1 U	59	10.5	30.8	14.4							
11/8/2016	XX	GW303B34G	0.008 U	86.7		0.1 U	74.5	12.7	34.1	16.7							
6/13/2017	XX	GW303B36B	0.008 U	32.1		0.1 U	27	4.3	19.5	6.59							
8/30/2017	XX	GW303B385	0.008 U	37.7		0.1 U	30.6	5.36	21.9	6.8							
11/15/2017	XX	GW303B39J	0.008 U	90.9		0.1 U	79.3	7.99	33.8	19.3							
6/20/2018	XX	GW303B3BE	0.008 U	28.8		0.1 U	23.3	4.14	20.7	5.94							
8/15/2018	XX	GW303B3E3	0.008 U	39.8		0.1 U	37.2	4.96	25.4	7.46							
11/27/2018	XX	GW303B3F2	0.008 U	90.7		0.1 U	82.1	8.85	34.9	19.6							
6/4/2019	XX	GW303B3GH	0.008 U	29.1		0.1 U	26.5	4.24	19.9	6.37							
8/14/2019	XX	GW303B3J6	0.008 U	28.8		0.1 U	25.7	4.34	21	5.46							
10/22/2019	XX	GW303B405	0.008 U	63.7		0.1 U	62.2	10.1	33.8	13.9							
6/16/2020	XX	GW303B420	0.008 U	33.2		0.1 U	29.7	4.61	22.2	6.49							
8/4/2020	XX	GW303B449	0.008 U			0.1 U	44.9	6.64	29.8	8.2							
8/4/2020	XX	GW303B449R		46.4													
10/20/2020	XX	GW303B458	0.008 U	81.4		0.1 U	73.9	11.1	38.8	17.2							
304A																	
5/3/2000	XX	304AXX36649				0.02 U		0.01 U	1.11	17.08							
8/9/2000	XX	304AXX36747				0.02		0.02	1.14	14.52							
11/9/2000	XX	304AXX36839	0.008 U			0.039		0.07	1.21	15.7							
5/16/2001	XX	304AXX37027	0.008 U			0.02 U		0.01	1.08	15.3							
7/31/2001	XX	304AXX37103	0.008 U			0.042		0.02	1.14	14.6							
10/23/2001	XX	304AXX37187	0.008 U			0.03		0.17	1.55	17							
5/21/2002	XX	304AXX37397	0.01 U	55.5		0.043	10.4	0.01 U	1.268	16.5							
7/30/2002	XX	304AXX37467	0.01 U	28.8		0.022	9	0.02	1.18	15.4							

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

(304A)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
10/22/2002	XX	304AXX37551	0.01 U	36.3		0.032	11.5	0.06	1.54	15.2							
6/24/2003	XX	304AXX37796	0.005 U	75		0.012	10	0.14	1.7	12							
8/7/2003	XX	304AXX37840	0.005 U	65		0.021	11	0.14	1.8	15							
10/21/2003	XX	304AXX37915	0.005 U	77		0.01 U	13	0.24	2	18							
5/10/2004	XX	304AXX38117	0.005 U	68		0.034	11	0.043	1.7	14							
7/28/2004	XX	304AXX38196	0.005 U	59		0.01	11	0.07	1.3	16							
10/21/2004	XX	304AXX38281	0.005 U	75		0.031	13	0.15	1.7	18							
5/10/2005	XX	GW304A010	0.005 U	93		0.02	7.4	0.05	2	7							
7/28/2005	XX	GW304A02C	0.005 U	61		0.02	8.3	0.01 U	1.7	12							
11/8/2005	XX	GW304A044	0.005 U	37		0.02	9.8	0.01 U	2.1	13							
5/3/2006	XX	GW304A090	0.005 U	64		0.03	9.3	0.01 U	1.4	13							
8/1/2006	XX	GW304A078	0.005 U	82		2.1	9	0.12	2.4	11							
10/26/2006	XX	GW304A05G	0.005 U	59		0.07 B	7.9	0.01	1.9	12							
5/8/2007	XX	GW304A0AC	0.005 U	68		0.097	5.5	0.014	1.1	8.7							
8/7/2007	XX	GW304A0C5	0.005 U	58		0.026	8.5	0.019	1.9	14							
8/7/2007	XD	GWDP4X0EH	0.005 U	59		0.017	8.6	0.019	1.9	14							
10/31/2007	XX	GW304A0DH	0.005 U	93		0.01 U	9.9	0.034	1.5	14							
6/3/2008	XX	GW304A0G5	0.005 U	52		0.024	8.2	0.01 U	1.7	11							
8/18/2008	XX	GW304A0I5	0.005 U	47		0.02	8.7	0.01 U	1.2	13							
10/23/2008	XX	GW304A0JD	0.005 U	56		0.02	8.8	0.01 U	1.3	12							
10/23/2008	XD	SWDP4X109	0.005 U	53		0.02	8.7	0.01 U	1.3	12							
5/12/2009	XX	GW304A11D	0.005 U	44		0.015	8.4	0.01 U	1	12							
8/11/2009	XX	GW304A13D	0.005 U	54		0.14	8.4	0.011	1.6	11							
10/26/2009	XX	GW304A151	0.005 U	49		0.038	8.3	0.01 U	1.8	12							
6/2/2010	XX	GW304A172	0.005 U	54		0.068	8.4	0.01 U	1.6	11							
8/5/2010	XX	GW304A193	0.005 U	52		0.049	8.2	0.01 U	1.6	12							
10/18/2010	XX	GW304A1AB	0.005 U	40		0.023	7.8	0.01 U	1.2	11							
5/19/2011	XX	GW304A1DC	0.005 U	40		0.015	8	0.01 U	1.6	12							
8/8/2011	XX	GW304A1F3	0.0016 U	28		0.014	5	0.0069	0.89	7.7							
8/8/2011	XD	GWDP2X1G8	0.0016 U	40		0.034	7.2	0.0071	1.4	11							
11/2/2011	XX	GW304A1GE	0.0016 U	39		0.0054 J	7.8	0.0072 J	1.7	12							
5/15/2012	XX	GW304A1I8	0.005 U	41		0.016	7	0.01 U	1.5	9.6							
5/15/2012	XD	GWDP3X1JE	0.005 U	42		0.018	7.4	0.01 U	1.7	9.9							
8/15/2012	XX	GW304A201	0.005 U	34		0.01 U	6.9	0.01 U	2.1	11							
10/31/2012	XX	GW304A21F	0.005 U	39		0.016	7.7	0.01 U	1.8	11							
10/31/2012	XD	GWDP1X22J	0.005 U	38		0.046	8	0.01 U	1.8	12							
5/21/2013	XX	GW304A239	0.005 U	37		0.032	6.8	0.01 U	1.4	9.6							
5/21/2013	XD	GWDP1X24D	0.005 U	38		0.041	6.8	0.01 U	1.4	9.4							
7/25/2013	XX	GW304A253	0.005 U	38		0.018	6.8	0.01 U	1.6	10							
7/25/2013	XD	GWDP3X269	0.005 U	37		0.016	6.6	0.01 U	1.5	10							
10/2/2013	XX	GW304A26H	0.005 U	35		0.011	6.8	0.01 U	1.5	10							
10/2/2013	XD	GWDP2X283	0.005 U	36		0.018	7.2	0.01 U	1.5	11							
6/4/2014	XX	GW304A28B	0.008 U	36		0.1 U	7.55	0.005 U	1.03	11.2							
6/4/2014	XD	GWDP1X29F	0.008 U	35.1		0.1 U	7.35	0.005 U	1 U	10.8							
8/20/2014	XX	GW304A2A5	0.008 U	36.8		0.105	7.03	0.0124	1.07	10.7							
8/20/2014	XD	GWDP1X2B9	0.008 U	36.2		0.122	6.99	0.0136	1.03	10.7							
11/12/2014	XX	GW304A2BJ	0.008 U	31.7		0.217	5.88	0.0139	1.07	9.12							
11/12/2014	XD	GWDP2X2D5	0.008 U	32.4		0.534	6.04	0.034	1.1	8.88							
6/3/2015	XX	GW304A2DF	0.008 U	32.7		0.205	7.32	0.012	1 U	10.3							
6/3/2015	XD	GWDP1X2EJ	0.008 U	31.7		0.145	7.08	0.01	1 U	9.99							

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

(304A)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
9/2/2015	XX	GW304A2FA	0.008 U	34.8		0.1 U	7.42	0.005 U	1	11.2							
9/2/2015	XD	GWDP1X2GE	0.008 U	37.4		0.1 U	7.72	0.005 U	1.04	12.1							
11/4/2015	XX	GW304A2H4	0.008 U	36		0.1 U	7.51	0.007	1.2	10.7							
11/4/2015	XD	GWDP2X2IA	0.008 U	34.7		0.1 U	7.24	0.009	1.07	10.1							
6/16/2016	XD	GWDP1X31I	0.008 U	33.1		0.1 U	7.58	0.005 U	1 U	10.8							
6/16/2016	XX	GW304A30E	0.008 U	32.4		0.1 U	7.45	0.005 U	1	10.6							
9/21/2016	XD	GWDP1X33C	0.008 U	31.1		0.1 U	7.04	0.005 U	1	11.1							
9/21/2016	XX	GW304A328	0.008 U	32.1		0.1 U	7.1	0.005 U	1	11.6							
11/8/2016	XD	GWDP2X358	0.008 U	36		0.1 U	6.66	0.005	1.1	10.6							
11/8/2016	XX	GW304A342	0.008 U	36.2		0.1 U	6.64	0.005	1.1	10.6							
6/14/2017	XD	GWDP1X371	0.008 U	34.6		0.116	7.33	0.0109	1.16	11.1							
6/14/2017	XX	GW304A35H	0.008 U	36		0.1 U	7.62	0.0083	1.17	11.5							
8/29/2017	XD	GWDP1X38F	0.008 U	32.4		0.181	6.57	0.0196	1.02	10.7							
8/29/2017	XX	GW304A37B	0.008 U	33.4		0.205	6.76	0.0186	1.06	11							
11/14/2017	XD	GWDP2X3AB	0.008 U	33.6		0.1 U	6.15	0.0089	1.1	10.3							
11/14/2017	XX	GW304A395	0.008 U	31.5		0.156	6.24	0.0139	1.1	10.3							
6/21/2018	XD	GWDP1X3C4	0.008 U	33.9		0.171	6.88	0.0215	1.08	10							
6/21/2018	XX	GW304A3B0	0.008 U	38.2		0.217	7.29	0.0302	1.47	10.1							
8/15/2018	XD	GWDP1X3CJ	0.008 U	32		0.762	6.99	0.069	1.05	10.6							
8/15/2018	XX	GW304A3D9	0.008 U	32.7		0.945	7.09	0.0829	1.14	11							
11/30/2018	XD	GWDP2X3FE	0.008 U	35.9		0.1 U	6.78	0.005 U	1.12	11							
11/30/2018	XX	GW304A3E8	0.008 U	36.4		0.1 U	6.83	0.005 U	1.16	11							
6/5/2019	XD	GWDP1X3H7	0.008 U	32.6		0.1 U	7	0.0066	1 U	10.7							
6/5/2019	XX	GW304A3G3	0.008 U	31.6		0.1 U	6.75	0.0057	1 U	10.4							
8/14/2019	XX	GW304A3ICR	0.008 U	33.7			7.95	0.0327									
8/14/2019	XX	GW304A3IC				0.134			1	11.2							
10/24/2019	XD	GWDP2X40H	0.008 U	31.1		0.114	7.2	0.0233	1.03	11							
10/24/2019	XX	GW304A3JB	0.008 U	32.5		0.13	7.49	0.0264	1.1	11.3							
6/17/2020	XD	GWDP1X42A	0.008 U	34.1		0.1 U	6.97	0.0086	1.04	12.3							
6/17/2020	XX	GW304A416	0.008 U	31.5		0.1 U	6.55	0.0081	1 U	11.4							
8/5/2020	XX	GW304A43F	0.008 U	33.5		0.1 U	7.12	0.0175	1 U	11.4							
10/22/2020	XD	GWDP2X460	0.008 U	39.7		0.1 U	7.05	0.0158	1.3	13.1							
10/22/2020	XX	GW304A44E	0.008 U	40		0.1 U	7.07	0.0175	1.35	13.4							
304B																	
5/3/2000	XX	304BXX36649				0.658		0.012	0.44	3.15							
8/9/2000	XX	304BXX36747				0.239		0.03	0.91	14.67							
11/9/2000	XX	304BXX36839	0.008 U			0.099		0.01	0.89	16.9							
5/16/2001	XX	304BXX37027	0.008 U			0.09		0.01 U	0.85	19.1							
7/31/2001	XX	304BXX37103	D			D		D	D	D							
10/23/2001	XX	304BXX37187	0.008 U			0.518		0.15	1.29	21							
5/21/2002	XX	304BXX37397	0.01 U	29.9		0.061	3	0.01 U	0.911	13.3							
7/30/2002	XX	304BXX37467	0.01 U	20.9		0.076	4	0.03	1	15.8							
10/22/2002	XX	304BXX37551	0.01 U	22.6		0.104	4.2	0.01 U	1.07	13							
6/24/2003	XX	304BXX37796	0.005 U	43		0.028	5	0.01 U	1 U	11							
8/7/2003	XX	304BXX37840	0.005 U	38		0.021	4.2	0.01 U	1.1	12							
10/21/2003	XX	304BXX37915	0.005 U	35		0.042	4.1	0.012	1.1	13							
5/10/2004	XX	304BXX38117	0.005 U	29		0.033	3.5	0.01 U	1 U	11							
7/28/2004	XX	304BXX38196	0.005 U	25		0.035	2.9	0.01	1 U	9.4							
10/21/2004	XX	304BXX38281	0.005 U	31		0.043	3.5	0.01 U	1 U	11							

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

(304B)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
5/10/2005	XX	GW304B011	0.005 U	20		0.02	2.3	0.01 U	1 U	7							
7/28/2005	XX	GW304B02D	0.005 U	39		0.03	4	0.01 U	1.1	12							
11/8/2005	XX	GW304B045	0.005 U	34		0.03	3.4	0.01 U	1.1	12							
5/3/2006	XX	GW304B091	0.005 U	21		0.02	2.4	0.01 U	1 U	9.4							
8/1/2006	XX	GW304B079	0.005 U	29		0.02	3	0.01 U	1.2	11							
10/26/2006	XX	GW304B05H	0.005 U	26		0.01 B	2.9	0.01 U	1.1	12							
5/8/2007	XX	GW304B0AD	0.005 U	25		0.02	2.7	0.01 U	1 U	14							
8/7/2007	XX	GW304B0C6	0.005 U	34		0.13	3.3	0.025	1.4	16							
10/31/2007	XX	GW304B0DI	0.005 U	29		0.021	3.1	0.01 U	0.92	12							
6/5/2008	XX	GW304B0G6	0.005 U	18		0.022	2	0.01 U	1 U	8.5							
6/5/2008	XD	LTDP4X0F5	0.005 U	19		0.018	2.1	0.01 U	1 U	8.8							
8/18/2008	XX	GW304B0I6	0.005 U	12		0.03	1.3	0.05	1 U	6.8							
10/23/2008	XX	GW304B0JE	0.005 U	17		0.28	1.9	0.05	1 U	8.9							
5/12/2009	XX	GW304B11E	0.005 U	8.2		0.07	1 U	0.01 U	1 U	4.3							
8/11/2009	XX	GW304B13E	0.005 U	24		0.17	2.1	0.06	1.1	7.5							
10/26/2009	XX	GW304B152	0.005 U	15		0.42	1.7	0.03	1 U	6.6							
6/2/2010	XX	GW304B173	0.005 U	13		0.1	1.4	0.02	1 U	7.1							
8/5/2010	XX	GW304B194	0.005 U	16		0.44	1.8	0.13	1	8.4							
10/18/2010	XX	GW304B1AC	0.005 U	13		0.24	1.4	0.015	1 U	8.1							
10/18/2010	XD	GWDP3X1B6	0.005 U	12		0.23	1.3	0.017	1 U	7.6							
5/19/2011	XX	GW304B1DD	0.005 U	7.6		0.067	1 U	0.012	1 U	5.1							
8/8/2011	XX	GW304B1F4	0.0016 U	9.7		0.03	1	0.0061	0.53	6.3							
11/2/2011	XX	GW304B1GF	0.0016 U	15		0.043	1.6	0.0089 J	0.9 J	7.7							
5/15/2012	XX	GW304B1I9	0.005 U	9.9		0.035	1.1	0.01 U	1 U	4.5							
8/15/2012	XX	GW304B202	0.005 U	23		0.035	2.6	0.01 U	1.9	12							
10/31/2012	XX	GW304B21G	0.005 U	18		0.078	1.9	0.013	1 U	10							
5/21/2013	XX	GW304B23A	0.005 U	11		0.01 U	1.2	0.04	1 U	6.7							
7/25/2013	XX	GW304B254	0.005 U	14		0.034	1.5	0.01 U	1 U	9.3							
10/2/2013	XX	GW304B26I	0.005 U	12		0.01 U	1.4	0.01 U	1 U	8.6							
6/4/2014	XX	GW304B28C	0.008 U	12.6		0.1 U	1.42	0.0059	1 U	9.13							
8/20/2014	XX	GW304B2A6	0.008 U	12.6		0.127	1.3	0.0184	1 U	8.88							
11/12/2014	XX	GW304B2C0	0.008 U	8.95		0.197	1.02	0.0158	1 U	6.15							
6/3/2015	XX	GW304B2DG	0.008 U	6.78		0.189	0.8	0.023	1 U	4.15							
9/2/2015	XX	GW304B2FB	0.008 U	12.2		0.127	1.34	0.022	1 U	9.19							
11/4/2015	XX	GW304B2H5	0.008 U	9.09		0.1 U	1.06	0.005 U	1 U	6.24							
6/16/2016	XX	GW304B30F	0.008 U	9.69		0.122	1.21	0.033	1 U	7.47							
9/21/2016	XX	GW304B329	0.008 U	11		0.312	1.37	0.034	1 U	10.9							
11/8/2016	XX	GW304B343	0.008 U	18.1		0.204	1.69	0.037	1 U	12.7							
6/14/2017	XX	GW304B35I	0.008 U	12.6		0.1 U	1.4	0.0295	1 U	9.68							
8/29/2017	XX	GW304B37C	0.008 U	9.5		0.202	1	0.0647	1 U	7.31							
11/14/2017	XX	GW304B396	0.008 U	13.1		0.103	1.26	0.0242	1 U	8.1							
6/21/2018	XX	GW304B3B1	0.008 U	12.4		0.101	1.41	0.0304	1 U	8.79							
8/15/2018	XX	GW304B3DA	0.008 U	13.6		0.206	1.51	0.169	1 U	9.24							
11/30/2018	XX	GW304B3E9	0.008 U	6.34		0.429	0.584	0.048	1 U	1.89							
6/5/2019	XX	GW304B3G4	0.008 U	12.4		0.1 U	1.39	0.015	1 U	8.54							
8/14/2019	XX	GW304B3ID	0.008 U	14.2		0.198	1.67	0.0337	1 U	9.81							
10/24/2019	XX	GW304B3JC	0.008 U	12.4		0.952	1.66	0.108	1 U	8.36							
6/17/2020	XX	GW304B417	0.008 U	13.6		0.226	1.5	0.0709	1 U	9.37							
8/5/2020	XX	GW304B43G	0.008 U	16.6		2.48	2.26	0.315	1.11	11							
10/22/2020	XX	GW304B44F	0.008 U	7.68		0.777	0.833	0.11	1 U	3.15							

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

(401A)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
401A																	
5/3/2000	XX	401AXX36649				0.047		0.016	1.43	9.71							
8/10/2000	XX	401AXX36748				0.027		0.01 U	1.46	9.47							
11/9/2000	XX	401AXX36839	0.09			0.044		0.08	1.19	8.2							
5/17/2001	XX	401AXX37028	0.08			0.067		0.01 U	1.35	9.2							
8/1/2001	XX	401AXX37104	0.11			0.027		0.01 U	1.47	9.3							
10/24/2001	XX	401AXX37188	0.12			0.02 U		0.01 U	1.72	9.5							
5/22/2002	XX	401AXX37398	0.13	14.9		0.066	5.5	0.01	1.544	9.6							
7/30/2002	XX	401AXX37467	0.15	15.8		0.023	4.9	0.01 U	1.27	8.3							
10/22/2002	XX	401AXX37551	0.18	15.5		0.039	5.4	0.01 U	1.53	7.8							
6/25/2003	XX	401AXX37797	0.19	34		0.01 U	6	0.01 U	1.7	8.6							
8/11/2003	XX	401AXX37844	0.18	31		0.016	5.7	0.01 U	1.5	8.1							
10/21/2003	XX	401AXX37915	0.19	33		0.01 U	6.2	0.01 U	1.6	9							
5/10/2004	XX	401AXX38117	0.16	33		0.022	6.3	0.01 U	1.7	10							
7/29/2004	XX	401AXX38197	0.15	29		0.017	5.6	0.01 U	1.4	8.9							
10/21/2004	XX	401AXX38281	0.18	33		0.048	6.2	0.01 U	1.5	9.1							
5/9/2005	XX	GW401A012	0.17	31		0.01 U	5.7	0.01 U	1.7	9.1							
7/28/2005	XX	GW401A02E	0.2	40		0.01	6.3	0.01 U	1.8	10							
11/8/2005	XX	GW401A046	0.2	36		0.02	6.1	0.01 U	1.7	9.8							
5/4/2006	XX	GW401A092	0.18	36		0.01	6.3	0.01 U	1.7	10							
8/2/2006	XX	GW401A07A	0.2	32		0.02	5.9	0.01 U	1.7	9.8							
10/30/2006	XX	GW401A05I	0.23	33		0.01	6.2	0.01 U	2.1	10							
5/7/2007	XX	GW401A0AE	0.21	33		0.01 U	6.5	0.01 U	1.8	10							
8/14/2007	XX	GW401A0C7	0.18	27		0.019	5	0.01 U	1.8	8.4							
11/5/2007	XX	GW401A0DJ	0.29	42		0.019	6.4	0.01 U	2.1	11							
6/5/2008	XX	GW401A0G7	0.22	34		0.32	6.4	0.01 U	2.3	9.9							
8/20/2008	XX	GW401A0I7	0.19	34		0.02	5.5	0.01 U	1.9	8.1							
10/27/2008	XX	GW401A0JF	0.22	38		0.01	6	0.01 U	1.9	8.7							
5/13/2009	XX	GW401A11F	0.17	30		0.018	5.6	0.01 U	1.5	9.6							
8/13/2009	XX	GW401A13F	0.2	35		0.035	5.9	0.01 U	2	8.7							
10/28/2009	XX	GW401A153	0.17	28		0.01 U	5.4	0.01 U	1.4	8.6							
10/28/2009	XD	SWDP4X15H	0.17	27		0.01 U	5.4	0.01 U	1.4	8.4							
6/3/2010	XX	GW401A174	0.18	37		0.01 U	5.9	0.01 U	2.1	9.1							
8/17/2010	XX	GW401A195	0.19	28		0.01	5.6	0.01 U	1.7	8.8							
10/19/2010	XX	GW401A1AD	0.18	27		0.018	6.1	0.012	1.5	9.2							
5/16/2011	XX	GW401A1DE	0.19	30		0.01 U	6.4	0.01 U	2.2	9.3							
8/8/2011	XX	GW401A1F5	0.12	22		0.012	4.2	0.00039	1.1	6.6							
11/1/2011	XX	GW401A1GG	0.19	34		0.012	6.7	0.0002 J	2.3	10							
5/14/2012	XX	GW401A1IA	0.18	32		0.011	6.5	0.01 U	2.4	9.8							
8/14/2012	XX	GW401A203	0.18	30		0.01 U	5.9	0.01 U	2	9.7							
11/1/2012	XX	GW401A21H	0.19	32		0.01 U	7.3	0.01 U	2.4	12							
5/21/2013	XX	GW401A23B	0.15	31		0.01 U	5.7	0.01 U	2	8.7							
7/22/2013	XX	GW401A255	0.16	32		0.01 U	5.8	0.01 U	2	9.7							
9/30/2013	XX	GW401A26J	0.11	24		0.01 U	4.4	0.01 U	1.3	7.1							
6/4/2014	XX	GW401A28D	0.164	33.7		0.1 U	6.96	0.005 U	1.63	10.2							
8/19/2014	XX	GW401A2A7	0.151	34.2		0.171	6.65	0.0113	1.59	10							
11/11/2014	XX	GW401A2C1	0.151	31.5		0.238	6.59	0.01	1.59	9.63							
6/2/2015	XX	GW401A2DH	0.159	32		0.359	6.91	0.014	1.6	9.84							
9/1/2015	XX	GW401A2FC	0.166	36.2		0.1 U	7.54	0.005 U	1.74	11.6							

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

(401A)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
11/3/2015	XX	GW401A2H6	0.167	35		0.147	7.35	0.006	1.73	10.8							
6/14/2016	XX	GW401A30G	0.157	36.8		0.1 U	7.61	0.005 U	1.9	11.3							
9/20/2016	XX	GW401A32A	0.164	36.6		0.1 U	7.43	0.005 U	1.6	10.8							
11/9/2016	XX	GW401A344	0.165	35.8		0.307	7.24	0.008	1.8	11.5							
6/14/2017	XX	GW401A35J	0.159	35.8		0.164	7.24	0.0073	1.76	10.5							
8/29/2017	XX	GW401A37D	0.158	36.3		0.1 U	7.11	0.0089	1.68	10.7							
11/14/2017	XX	GW401A397	0.138	35.5		0.1 U	6.47	0.0099	1.6	9.87							
6/20/2018	XX	GW401A3B2	0.131	37.9		0.1 U	6.69	0.005 U	1.7	11.1							
8/15/2018	XX	GW401A3DB	0.144	35.5		0.1 U	7.37	0.0054	1.67	10.5							
11/30/2018	XX	GW401A3EA	0.144	36.6		0.1 U	7.04	0.005 U	1.73	10.4							
6/5/2019	XX	GW401A3G5	0.141	34.8		0.1 U	7.19	0.005 U	1.7	10.1							
8/14/2019	XX	GW401A3IE	0.148	37.5		0.1 U	7.6	0.0055	1.78	11							
10/22/2019	XX	GW401A3JD	0.135	38.5		0.1 U	7.53	0.0053	1.71	10.5							
6/17/2020	XX	GW401A418	0.138	36.2		0.1 U	7.21	0.005 U	1.7	10.7							
8/4/2020	XX	GW401A43H	0.152			0.1 U	8.08	0.005 U	1.82	11.3							
8/4/2020	XX	GW401A43HR		38.6													
10/21/2020	XX	GW401A44G	0.15	40.7		0.1 U	8.18	0.005 U	1.86	11.3							
401B																	
5/3/2000	XX	401BXX36649				0.023		0.135	1.44	12.24							
8/10/2000	XX	401BXX36748				0.02		0.22	1.51	12.4							
11/9/2000	XX	401BXX36839	0.008 U			0.052		0.35	1.34	11.5							
5/17/2001	XX	401BXX37028	0.008 U			0.689		0.32	1.53	11.8							
8/1/2001	XX	401BXX37104	0.008 U			0.033		0.24	1.56	12.9							
10/24/2001	XX	401BXX37188	0.008 U			0.731		0.35	1.65	12							
5/22/2002	XX	401BXX37398	0.01 U	23.6		0.119	6.4	0.32	1.544	12.6							
7/30/2002	XX	401BXX37467	0.01 U	26.4		0.02 U	6.6	0.26	1.44	12.7							
10/22/2002	XX	401BXX37551	0.015	25		0.027	6.2	0.4	1.55	10.8							
6/25/2003	XX	401BXX37797	0.005 U	52		0.01 U	7	0.26	3.8	12							
8/11/2003	XX	401BXX37844	0.005 U	47		0.01 U	6.8	0.26	1.7	12							
10/21/2003	XX	401BXX37915	0.005 U	51		0.01 U	7.3	0.27	1.9	13							
5/10/2004	XX	401BXX38117	0.005 U	51		0.029	7.7	0.081	1.8	15							
7/29/2004	XX	401BXX38197	0.005 U	46		0.021	6.9	0.33	1.5	14							
10/21/2004	XX	401BXX38281	0.005 U	52		0.048	7.5	0.34	1.8	14							
5/9/2005	XX	GW401B013	0.005 U	51		0.01 U	7	0.14	1.8	13							
7/28/2005	XX	GW401B02F	0.005 U	57		0.01	7.2	0.27	2	14							
11/8/2005	XX	GW401B047	0.005 U	49		0.02	6.2	0.22	1.7	12							
5/4/2006	XX	GW401B093	0.005 U	57		0.01 U	7.7	0.01 U	2	16							
8/2/2006	XX	GW401B07B	0.005 U	53		0.02	7.2	0.26	2.3	15							
10/30/2006	XX	GW401B05J	0.005 U	45		0.01 U	6.4	0.29	2	14							
5/7/2007	XX	GW401B0AF	0.005 U	55		0.01 U	7.9	0.056	2	15							
8/14/2007	XX	GW401B0C8	0.005 U	51		0.015	6.6	0.26	2.2	14							
11/5/2007	XX	GW401B0E0	0.005 U	70		0.017	7.4	0.35	2.4	17							
6/5/2008	XX	GW401B0G8	0.005 U	52		0.013	7.6	0.23	2.5	14							
8/20/2008	XX	GW401B0I8	0.005 U	54		0.02	6.8	0.33	2.2	12							
10/27/2008	XX	GW401B0JG	0.005 U	66		0.01 U	7.2	0.39	2.4	14							
5/13/2009	XX	GW401B11G	0.005 U	49		0.018	7.1	0.048	1.6	14							
8/13/2009	XX	GW401B13G	0.005 U	61		0.01 U	7.1	0.29	2.3	13							
10/28/2009	XX	GW401B154	0.005 U	48		0.011	7.1	0.34	1.7	14							
6/3/2010	XX	GW401B175	0.005 U	58		0.01 U	7	0.21	2.3	13							

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

(401B)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
8/17/2010	XX	GW401B196	0.005 U	54		0.01 U	7.1	0.38	2.1	14							
10/19/2010	XX	GW401B1AE	0.005 U	46		0.014	7.2	0.35	1.8	14							
5/16/2011	XX	GW401B1DF	0.005 U	50		0.01 U	7.4	0.087	2.3	14							
8/8/2011	XX	GW401B1F6	0.0016 U	49		0.027	7.2	0.54	2	14							
11/1/2011	XX	GW401B1GH	0.0016 U	52		0.005 J	7.6	0.47	2.7	15							
5/14/2012	XX	GW401B1IB	0.005 U	52		0.01 U	7.8	0.041	2.7	14							
8/14/2012	XX	GW401B204	0.005 U	46		0.025	7.1	0.36	2.4	14							
11/1/2012	XX	GW401B21I	0.005 U	54		0.012	8.7	0.48	3.1	17							
5/21/2013	XX	GW401B23C	0.005 U	51		0.031	6.9	0.086	2.5	13							
7/22/2013	XX	GW401B256	0.005 U	53		0.01 U	7.2	0.3	2.7	14							
9/30/2013	XX	GW401B270	0.005 U	54		0.01 U	7.4	0.48	2.6	15							
6/4/2014	XX	GW401B28E	0.008 U	56.8		0.1 U	8.42	0.0641	1.81	14.7							
8/19/2014	XX	GW401B2A8	0.008 U	56.5		0.151	8.16	0.509	1.88	14.4							
11/11/2014	XX	GW401B2C2	0.008 U	50.1		0.164	7.71	0.399	1.87	14.2							
6/2/2015	XX	GW401B2DI	0.008 U	52.2		0.373	8.45	0.278	1.79	13.4							
9/1/2015	XX	GW401B2FD	0.008 U	60.2		0.1 U	9.36	0.488	2.06	16.6							
11/3/2015	XX	GW401B2H7	0.008 U	59.6		0.1 U	9.06	0.507	2.07	15.6							
6/14/2016	XX	GW401B30H	0.008 U	61.3		0.112	9.16	0.185	2.1	15.6							
9/20/2016	XX	GW401B32B	0.008 U	61.1		0.1 U	9.37	0.39	1.8	15.4							
11/9/2016	XX	GW401B345	0.008 U	59.1		0.1 U	9.08	0.401	2	14.5							
6/14/2017	XX	GW401B360	0.008 U	63.1		0.1 U	9.68	0.24	2	14.7							
8/29/2017	XX	GW401B37E	0.008 U	58.7		0.1 U	8.83	0.366	1.85	14							
11/14/2017	XX	GW401B398	0.008 U	58.3		0.138	8.37	0.534	1.9	13.5							
6/20/2018	XX	GW401B3B3	0.008 U	69.8		0.1 U	8.59	0.162	2.05	15.8							
8/15/2018	XX	GW401B3DC	0.008 U	63.8		0.1 U	9.95	0.429	2.01	14.7							
11/30/2018	XX	GW401B3EB	0.008 U	64.2		0.1 U	9.19	0.0642	2.08	14.3							
6/5/2019	XX	GW401B3G6	0.008 U	61.6		0.1 U	9.64	0.085	1.88	13.4							
8/14/2019	XX	GW401B3IF	0.008 U	61.8		0.1 U	9.59	0.383	1.91	13.8							
10/22/2019	XX	GW401B3JE	0.008 U	65.1		0.1 U	10.3	0.606	2.11	15.2							
6/17/2020	XX	GW401B419	0.008 U	64.8		0.1 U	9.72	0.23	1.96	14.7							
8/4/2020	XX	GW401B43I	0.008 U			0.1 U	10	0.279	1.92	14.1							
8/4/2020	XX	GW401B43IR		67.4													
10/21/2020	XX	GW401B44H	0.008 U	69.3		0.136	10.8	0.873	2.23	15.4							
402A																	
5/3/2000	XX	402AXX36649				0.02 U		0.063	0.58	6.98							
8/10/2000	XX	402AXX36748				0.053		0.13	0.59	6.63							
11/9/2000	XX	402AXX36839	0.008 U			0.07		0.08	0.53	6.4							
5/17/2001	XX	402AXX37028	0.008 U			0.077		0.11	0.53	6.5							
8/1/2001	XX	402AXX37104	0.008 U			0.102		0.11	0.58	6.7							
10/24/2001	XX	402AXX37188	0.008 U			0.117		0.1	0.67	6.9							
5/22/2002	XX	402AXX37398	0.019	14.3		0.06	6.8	0.04	0.591	6.6							
7/30/2002	XX	402AXX37467	0.01 U	16.2		0.039	6.9	0.12	0.53	6.5							
10/22/2002	XX	402AXX37551	0.015	15.4		0.086	5.6	0.13	0.76	9.7							
6/25/2003	XX	402AXX37797	0.005 U	32		0.027	8	0.24	1 U	5.9							
8/11/2003	XX	402AXX37844	0.005 U	29		0.036	7.4	0.32	1 U	5.8							
10/22/2003	XX	402AXX37916	0.005 U	28		0.085	7.1	0.22	1 U	5.6							
5/11/2004	XX	402AXX38118	0.005	32		0.096	8.6	0.096	1 U	7.3							
7/29/2004	XX	402AXX38197	0.005 U	28		0.069	7.6	0.09	1 U	6.7							
10/26/2004	XX	402AXX38286	0.005 U	31		0.099	8.2	0.1	1 U	6.1							

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

(402A)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
5/9/2005	XX	GW402A014	0.005 U	31		0.08	7.5	0.09	1 U	6.5							
8/1/2005	XX	GW402A02G	0.005	35	0.003 U	0.08	7.5	0.09	1 U	6.9							
11/9/2005	XX	GW402A048	0.005	36		0.08	8.2	0.08	1 U	6							
5/4/2006	XX	GW402A094	0.005	36		0.06	8.3	0.1	1 U	7.5							
8/2/2006	XX	GW402A07C	0.005 U	31		0.05	7.7	0.07	1 U	7							
10/30/2006	XX	GW402A060	0.005	33		0.07	8.4	0.1	1 U	7.6							
5/7/2007	XX	GW402A0AG	0.007	33		0.14	8.4	0.12	0.7	7.2							
8/14/2007	XX	GW402A0C9	0.005 U	28		0.074	7	0.048	1 U	6.5							
11/5/2007	XX	GW402A0E1	0.005 U	48		0.11	8.5	0.11	1 U	7.6							
6/5/2008	XX	GW402A0G9	0.0052	33		0.15	8.6	0.14	1 U	7.3							
8/20/2008	XX	GW402A0I9	0.005 U	35		0.1	7.2	0.09	1 U	5.9							
10/27/2008	XX	GW402A0JH	0.005 U	38		0.13	8.7	0.13	1 U	6.9							
5/13/2009	XX	GW402A11H	0.005 U	30		0.16	7.9	0.16	1 U	7.2							
5/13/2009	XD	LTDP4X10D	0.005 U	30		0.16	7.9	0.15	1 U	7.2							
8/13/2009	XX	GW402A13H	0.005 U	39		0.12	7.8	0.1	1 U	6.4							
10/28/2009	XX	GW402A155	0.005 U	28		0.11	7.2	0.1	1 U	6.4							
6/3/2010	XX	GW402A176	0.005 U	33		0.18	8.1	0.11	1 U	6.9							
8/17/2010	XX	GW402A197	0.005 U	30		0.092	8.2	0.1	1 U	7.1							
10/19/2010	XX	GW402A1AF	0.005 U	30		0.079	9	0.12	1 U	7.2							
5/16/2011	XX	GW402A1DG	0.005 U	34		0.14	9	0.19	1	7.6							
8/8/2011	XX	GW402A1F7	0.0037	32		0.098	8	0.12	0.71	7							
11/1/2011	XX	GW402A1GI	0.0035 J	34		0.088	8.9	0.13	0.83 J	7.2							
5/16/2012	XX	GW402A1IC	0.005 U	34		0.1	9.6	0.14	1 U	7.9							
8/15/2012	XX	GW402A205	0.005 U	33		0.078	9.2	0.14	1	7.6							
10/31/2012	XX	GW402A21J	0.0056	37		0.22	11	0.15	1	8.4							
5/20/2013	XX	GW402A23D	0.005 U	30		0.062	8.1	0.1	1 U	7.1							
7/22/2013	XX	GW402A257	0.005 U	36		0.08	9.2	0.13	1	7.8							
9/30/2013	XX	GW402A271	0.005 U	38		0.089	9.6	0.14	1 U	7.8							
6/4/2014	XX	GW402A28F	0.008 U	42.5		0.127	12.4	0.144	1 U	8.49							
8/19/2014	XX	GW402A2A9	0.008 U	41.9		0.143	10.7	0.148	1 U	8.06							
11/11/2014	XX	GW402A2C3	0.008 U	35.8		0.136	10	0.128	1 U	7.67							
6/4/2015	XX	GW402A2DJ	0.008 U	39.2		0.159	11.2	0.149	1 U	7.85							
9/1/2015	XX	GW402A2FE	0.008 U	42.4		0.1 U	11.8	0.143	1 U	9.04							
11/3/2015	XX	GW402A2H8	0.008 U	41.1		0.1 U	11.6	0.15	1 U	8.48							
6/14/2016	XX	GW402A30I	0.008 U	44.6		0.119	12.2	0.152	1 U	8.98							
9/20/2016	XX	GW402A32C	0.008 U	47.2		0.119	12.8	0.164	1 U	9							
11/9/2016	XX	GW402A346	0.008 U	50.7		0.138	13	0.189	1 U	9.33							
6/14/2017	XX	GW402A361	0.008 U	46.1		0.121	12.5	0.166	1 U	9.04							
8/29/2017	XX	GW402A37F	0.008 U	47.8		0.116	12.7	0.167	1 U	9.09							
11/15/2017	XX	GW402A399	0.008 U	46.6		0.121	12.5	0.159	1 U	8.89							
6/20/2018	XX	GW402A3B4	0.008 U	51.9		0.12	12.8	0.17	1 U	9.52							
8/15/2018	XX	GW402A3DD	0.008 U	47.2		0.102	13.2	0.161	1 U	8.86							
11/28/2018	XX	GW402A3EC	0.008 U	47		0.122	12.7	0.161	1 U	8.99							
6/5/2019	XX	GW402A3G7	0.008 U	50.5		0.143	14	0.176	1 U	9.19							
8/13/2019	XX	GW402A3IG	0.008 U	48.4		0.228	14.4	0.175	1 U	9.38							
10/22/2019	XX	GW402A3JF	0.008 U	48.4		0.12	13.6	0.164	1 U	9.16							
6/17/2020	XX	GW402A41A	0.008 U	49.6		0.124	13	0.166	1 U	9.52							
8/4/2020	XX	GW402A43J	0.008 U			0.139	15	0.178	1 U	9.71							
8/4/2020	XX	GW402A43JR		57.7													
10/21/2020	XX	GW402A44I	0.008 U	55.5		0.137	15.8	0.186	1 U	9.86							

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

(402B)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
402B										
5/3/2000	XX	402BXX36649				0.02 U		1.79	3.43	56.98
8/10/2000	XX	402BXX36748				0.078		0.18	4.48	84.14
11/9/2000	XX	402BXX36839	0.008 U			0.073		1.54	10.85	65.2
5/17/2001	XX	402BXX37028	0.008 U			0.106		0.07	3.57	74.4
8/1/2001	XX	402BXX37104	0.008 U			0.059		0.09	4.42	79.2
10/24/2001	XX	402BXX37188	0.008 U			0.042		2.36	21.6	76.5
5/22/2002	XX	402BXX37398	0.01 U	266.8		0.047	71	0.28	6.175	62.1
8/7/2002	XX	402BXX37475	0.01 U	214.2	0.01 U	0.032	80.6	2.07	22	59.2
10/24/2002	XX	402BXX37553	0.044	235	0.01 U	0.062	85.2	0.83	16.2	53.8
6/25/2003	XX	402BXX37797	0.005 U	230	0.003 U	0.023	84	1.3	17	46
8/11/2003	XX	402BXX37844	0.005 U	190	0.019	0.024	88	2.9	33	54
10/22/2003	XX	402BXX37916	0.005 U	200	0.003 U	0.033	98	3	35	49
5/11/2004	XX	402BXX38118	0.005 U	160	0.007	0.0879	67	1.1	15	41
8/2/2004	XX	402BXX38201	0.005 U	160	0.0083	0.063	75	2.1	27	44
10/26/2004	XX	402BXX38286	0.005 U	190	0.003 U	0.27	85	1.6	17	52
5/9/2005	XX	GW402B015	0.005 U	150	0.003 U	0.02	65	0.67	13	36
8/1/2005	XX	GW402B02H	0.005 U	200	0.003 U	0.03	90	0.16	7.3	57
11/9/2005	XX	GW402B049	0.005 U	220	0.003 U	0.01	98	0.14	5.6	60
5/5/2006	XX	GW402B095	0.005 U	170	0.004 B	0.02	81	1.1	15	47
8/2/2006	XX	GW402B07D	0.005 U	200	0.003 U	0.03	78	0.68	6.3	52
10/30/2006	XX	GW402B061	0.005 U	140	0.003 U	0.02	64	1.4	23	37
5/7/2007	XX	GW402B0AH	0.005 U	150		0.025	68	1.5	10	38
8/14/2007	XX	GW402B0CA	0.005 U	170		0.03	72	0.18	6.1	47
11/5/2007	XX	GW402B0E2	0.005 U	160		0.023	76	2	24	38
6/11/2008	XX	GW402B0GA	0.005 U	170		0.015	76	0.17	6.7	42
8/20/2008	XX	GW402B0IA	0.005 U	180		0.02	64	0.19	5.7	39
8/20/2008	XD	GWDP4X0H5	0.005 U	170		0.02	68	0.2	5.8	41
10/27/2008	XX	GW402B0JI	0.005 U	180		0.02	86	0.85	12	42
5/13/2009	XX	GW402B11I	0.005 U	160		0.028	80	0.32	3.6	40
8/13/2009	XX	GW402B13I	0.005 U	200		0.015	100	0.23	5.6	50
8/13/2009	XD	GWDP4X12D	0.005 U	180		0.01 U	100	0.21	5.6	50
10/28/2009	XX	GW402B156	0.005 U	120		0.014	59	0.23	4.3	35
6/3/2010	XX	GW402B177	0.005 U	180		0.017	82	0.81	6	36
8/17/2010	XX	GW402B198	0.005 U	140		0.015	69	0.21	6.1	31
8/17/2010	XD	GWDP4X183	0.005 U	130		0.014	64	0.23	5.8	30
10/19/2010	XX	GW402B1AG	0.005 U	130		0.033	60	0.17	5	33
5/16/2011	XX	GW402B1DH	0.005 U	120		0.015	62	0.33	9.2	26
8/8/2011	XX	GW402B1F8	0.0016 U	130		0.012	64	0.19	6.3	32
11/1/2011	XX	GW402B1GJ	0.0016 U	120		0.014 J	68	0.3	8.8	35
5/16/2012	XX	GW402B1ID	0.005 U	110		0.016	64	0.59	11	30
8/15/2012	XX	GW402B206	0.005 U	120		0.012	38	0.35	9.7	33
10/31/2012	XX	GW402B220	0.005 U	130		0.061	70	1.5	13	36
5/20/2013	XX	GW402B23E	0.005 U	110		0.011	58	0.34	8.2	26
7/22/2013	XX	GW402B258	0.005 U	130		0.01 U	58	0.3	8.7	29
9/30/2013	XX	GW402B272	0.005 U	130		0.01	65	0.54	8.6	29
6/4/2014	XX	GW402B28G	0.008 U	136		0.1 U	69.3	1.01	6.29	30.3
8/19/2014	XX	GW402B2AA	0.008 U	137		0.1 U	66.2	0.513	8.46	29.5
11/11/2014	XX	GW402B2C4	0.008 U	124		0.1 U	64.7	0.418	8.18	29.3

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

(402B)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
6/4/2015	XX	GW402B2E0	0.008 U	121		0.136	66.9	2.53	6.55	26.9							
9/1/2015	XX	GW402B2FF	0.008 U	143		0.1 U	80.5	0.625	10.8	34.1							
11/3/2015	XX	GW402B2H9	0.008 U	119		0.1 U	68.7	1.63	13.4	27.6							
6/14/2016	XX	GW402B30J	0.008 U	132		0.1 U	71.7	0.656	7.9	29.1							
9/20/2016	XX	GW402B32D	0.008 U	139		0.1 U	68.4	0.69	10.7	29.3							
11/9/2016	XX	GW402B347	0.008 U	138		0.1 U	70.9	0.454	11.9	30.9							
6/14/2017	XX	GW402B362	0.008 U	135		0.1 U	75	0.824	9.28	28.6							
8/29/2017	XX	GW402B37G	0.008 U	126		0.1 U	65.1	0.58	10.4	27.4							
11/15/2017	XX	GW402B39A	0.008 U	125		0.1 U	68.6	0.789	10.9	27.6							
6/20/2018	XX	GW402B3B5	0.008 U	138		0.1 U	66.9	2.48	10.2	28.4							
8/15/2018	XX	GW402B3DE	0.008 U	121		0.1 U	68.8	0.481	11	25.6							
11/28/2018	XX	GW402B3ED	0.008 U	128		0.129	65.9	5.04	11.7	26.7							
6/5/2019	XX	GW402B3G8	0.008 U	124		0.1 U	67.8	0.452	8.42	24.5							
8/13/2019	XX	GW402B3IH	0.008 U	117		0.1 U	68	0.891	11.9	25.6							
10/22/2019	XX	GW402B3JG	0.008 U	123		0.1 U	68.3	1.32	13.4	26.7							
6/17/2020	XX	GW402B41B	0.008 U	118		0.1 U	61.2	0.819	10.3	24.3							
8/4/2020	XX	GW402B440	0.008 U			0.1 U	67.1	0.508	12.3	25.3							
8/4/2020	XX	GW402B440R		133													
10/21/2020	XX	GW402B44J	0.008 U	128		0.102	69.4	1.33	14.8	26.4							
LDS																	
6/10/2008	XX	LDSXX39597	0.01	130		3.2	38	6.2	1 U	25							
8/19/2008	XX	LDSXX39687	0.008	140		5.4	38	7.7	18	22							
10/22/2008	XX	LDSXX39736	0.006	190		10	41	12	20	21							
5/7/2009	XX	LDSXX39940	0.015	210		21	83	14	66	33							
8/12/2009	XX	LDSXX40037	0.018	150		19	75	11	60	36							
10/27/2009	XX	LDSXX40113	0.0092	160		9.8	61	8.9	50	30							
6/7/2010	XX	GWXXXX1B8	0.029	180		24	83	8.2	93	35							
8/18/2010	XX	GWXXXX1B9	0.034	140		16	75	5.4	110	37							
10/21/2010	XX	GWXXXX1BA	0.021	130		14	64	5.3	60	34							
5/18/2011	XX	LTXXXX1EF	0.013	110		9.1	39	5.8	32	26							
8/10/2011	XX	LTXXXX1G6	0.018	95		6.4	31	4.6	23	21							
11/2/2011	XX	LTXXXX1HH	0.014	110		6.8	37	5.2	27	25							
5/14/2012	XX	LTXXXX1JB	0.0062	170		8.4	73	6.2	70	41							
8/14/2012	XX	LTXXXX214	0.0061	29		4.8	26	1.5	5.5	5.1							
10/30/2012	XX	LTXXXX22I	0.019	150		6.2	67	5	73	39							
5/21/2013	XX	LTXXXX24C	0.01	140		6.5	62	5.3	56	36							
7/25/2013	XX	LTXXXX266	0.018	140		6.2	56	5.2	58	36							
10/1/2013	XX	LTXXXX280	0.017	150		6.3	59	5.1	50	34							
6/5/2014	XX	LTXXXX29E	0.02	159		5.91	82.6	4.53	89.8	44.1							
8/21/2014	XX	LTXXXX2B8	0.01	106		2.87	34.1	2.82	27.9	26.6							
11/13/2014	XX	LTXXXX2D2	0.008	122		3.05	30	1.71	17	27.3							
6/4/2015	XX	LTXXXX2EI	0.011	112		5.41	34.1	3.66	20.7	27							
9/3/2015	XX	LTXXXX2GD	0.018	120		5.98	33.1	3.95	23.4	29.6							
11/5/2015	XX	LTXXXX2I7	0.011	123		5.7	34.9	4.31	21.9	27.6							
6/16/2016	XX	LTXXXX31H	0.016	134		5.33	39.5	4.5	27.8	28.7							
9/22/2016	XX	LTXXXX33B	0.018	128		5.6	37.5	4.47	26.1	30.3							
11/10/2016	XX	LTXXXX355	0.008	120		5.64	34.9	4.34	23.3	26.9							
6/15/2017	XX	LTXXXX370	0.0143	160		5.21	63	5.55	57.2	37.9							
8/31/2017	XX	LTXXXX38E	0.016	140		4.13	47.9	4.4	41.4	34.2							

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

(LDS) Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
11/16/2017	XX	LTXXXX3A8	0.01	122		4.08	48	3.96	35.4	29.6							
6/21/2018	XX	LTXXXX3C3	0.018	143		5.12	53.8	4.66	43.8	32							
8/16/2018	XX	LTXXXX3CI	0.017	138		5.07	51.1	4.46	44	33							
11/29/2018	XX	LTXXXX3FB	0.011	146		3.98	84.3	3.99	75.6	45							
6/6/2019	XX	LTXXXX3H6	0.01	157		5.06	87.9	5.46	70.3	41.1							
8/15/2019	XX	LTXXXX3I1	0.015	144		5.16	71	4.86	62.9	38.2							
10/24/2019	XX	LTXXXX40E	0.013	133		7.9	48.7	3.76	36.6	33							
6/18/2020	XX	LTXXXX429	0.012	133		5.82	48.3	4.34	39.4	125							
8/6/2020	XX	LTXXXX434	0.017	142		5.74	52.8	4.45	44.1	97							
10/22/2020	XX	LTXXXX45H	0.008 U	137		6.01	52.7	4.51	39.7	88.8							
LPD2																	
5/19/2005	XX	LTLPD2003	0.005 U	31		2.1	11	0.21	3	2.3							
8/2/2005	XX	LTLPD201F	0.005 U	62		1.8	61	0.67	10	9.8							
10/26/2005	XX	LTLPD2037	0.005 U	32		8.7	12	3.1	3.4	2.3							
5/10/2006	XX	LTLPD2083	0.005 U	31		0.47	9.3	0.15	2.6	2							
7/24/2006	XX	LTLPD206B	0.005 U	28		2.3 B	10	0.53	2.7	2.5							
10/10/2006	XX	LTLPD204J	0.005 U	50		2	52	0.6	9	9.1							
5/21/2007	XX	LTLPD209F	0.005 U	26		0.59	9.3	0.15	3.2	2							
8/6/2007	XX	LTLPD20B8	0.017	45		5.6	60	0.06	10	12							
10/24/2007	XX	LTLPD20D0	0.005 U	22		1.8	11	0.47	3.8	2.1							
5/28/2008	XX	LTLPD20F8	0.005 U	30		1.4	16	0.45	3.6	2.9							
8/11/2008	XX	LTLPD20H8	0.005 U	32		0.54	9.6	0.19	1.7	1.6							
10/15/2008	XX	LTLPD20IG	0.005 U	35		2.4	9.5	0.27	3.7	2.2							
5/6/2009	XX	LTLPD210G	0.005 U	23		0.77	7.9	0.11	2.2	1.5							
5/6/2009	XD	GWDP2X10B	0.005 U	23		0.77	7.8	0.11	2.3	1.5							
8/4/2009	XX	LTLPD212G	0.005 U	23		1.2	7	0.26	1.4	1.2							
10/19/2009	XX	LTLPD2144	0.005 U	22		1.2	7.5	0.23	2.8	1.7							
10/19/2009	XD	GWDP2X15F	0.005 U	23		1.2	7.8	0.24	3	1.7							
5/25/2010	XX	LTLPD2165	0.005 U	45		1.4	17	1	4	3							
8/2/2010	XX	LTLPD2186	0.005 U	19		4.2	16	0.25	3.2	2.7							
10/12/2010	XX	LTLPD219E	0.005 U	25		2.6	8.3	0.7	3	1.5							
10/12/2010	XD	GWDP2X1B5	0.005 U	13		1.4	4.4	0.38	1.6	1.2							
5/18/2011	XX	LTXXXX1EE	0.005 U	13		0.4	2.8	0.023	1.5	1 U							
8/10/2011	XX	LTXXXX1G5	0.01	36		4.7	36	0.83	6.8	6.8							
11/2/2011	XX	LTXXXX1HG	0.0025 J	40		7.5	18	2	5.1	2.8							
5/14/2012	XX	LTXXXX1JA	0.005 U	19		0.53	4.6	0.055	1.8	1							
8/14/2012	XX	LTXXXX213	0.023	130		6.5	54	5.1	52	36							
10/30/2012	XX	LTXXXX22H	0.005 U	36		4.9	12	2	4.9	2.1							
5/21/2013	XX	LTXXXX24B	0.005 U	12		0.83	4.3	0.074	1.4	1 U							
7/25/2013	XX	LTXXXX265	0.005 U	16		1.4	7.2	0.29	2.2	1.6							
10/1/2013	XX	LTXXXX27J	0.005 U	24		3.4	6.7	0.43	2.5	1.3							
6/5/2014	XX	LTXXXX29D	0.008 U	17.4		1.3	5.74	0.277	1.62	1 U							
8/21/2014	XX	LTXXXX2B7	0.024	36.5		9.6	31	1.38	6.58	5.18							
11/13/2014	XX	LTXXXX2D1	0.008	35.2		13	9.16	3.2	3.16	1.7							
6/4/2015	XX	LTXXXX2EH	0.008 U	16.2		1.23	3.82	0.09	1.61	1 U							
9/3/2015	XX	LTXXXX2GC	0.008 U	23.8		1.76	12.3	0.261	3.86	2.39							
11/5/2015	XX	LTXXXX2I6	0.009	37.4		15.2	14	4.12	3.98	2.16							
6/16/2016	XX	LTXXXX31G	0.008 U	46.1		1.78	37.2	0.975	5.6	5.86							
9/22/2016	XX	LTXXXX33A	D	D		D	D	D	D	D							

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

(LPD2)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
11/10/2016	XX	LTXXXX354	D	D		D	D	D	D	D
6/15/2017	XX	LTXXXX36J	0.008 U	21.5		1.97	7.03	0.408	2.15	1.54
8/31/2017	XX	LTXXXX38D	0.008 U	41.8		3.54	31.8	1.22	6.75	6.19
11/16/2017	XX	LTXXXX3A7	0.008 U	38.1		5.62	9.67	1.93	3.4	1.99
6/21/2018	XX	LTXXXX3C2	0.008 U	32.6		2.27	21.1	0.638	4.06	3.61
8/16/2018	XX	LTXXXX3CH	0.008 U	22.9		0.792	12.2	0.245	3.3	2.21
11/29/2018	XX	LTXXXX3FA	0.008 U	39.2		8.37	9.18	2.78	3.13	1.74
6/6/2019	XX	LTXXXX3H5	0.008 U	14.8		1.28	3.32	0.0706	1.15	1 U
8/15/2019	XX	LTXXXX3I0	0.008 U	39.9		3.18	27.6	1.04	4.96	4.68
10/24/2019	XX	LTXXXX40D	0.008 U	23.6		3.62	7.44	1.02	2.82	1.57
6/18/2020	XX	LTXXXX428	0.008 U	41		1.4	21.7	0.576	4.71	3.77
8/6/2020	XX	LTXXXX433	0.011	46.3		13	44	1.32	7.67	10
10/22/2020	XX	LTXXXX45G	0.008 U	26.9		0.193	5.6	0.534	2.69	1.21
ND										
5/3/2000	XX	NDXX36649				D				D
8/9/2000	XX	NDXX36747				D				D
11/8/2000	XX	NDXX36838				D				D
5/16/2001	XX	NDXX37027	D			D		D	D	D
7/31/2001	XX	NDXX37103	D			D		D	D	D
10/23/2001	XX	NDXX37187	D			D		D	D	D
5/21/2002	XX	NDXX37397	D	D		D	D	D	D	D
7/30/2002	XX	NDXX37467	D	D		D	D	D	D	D
10/22/2002	XX	NDXX37551	D	D		D	D	D	D	D
6/23/2003	XX	NDXX37795	D	D		D	D	D	D	D
8/13/2003	XX	NDXX37846	D	D		D	D	D	D	D
10/20/2003	XX	NDXX37914	D	D		D	D	D	D	D
5/6/2004	XX	NDXX38113	D	D		D	D	D	D	D
7/27/2004	XX	NDXX38195	D	D		D	D	D	D	D
10/25/2004	XX	NDXX38285	D	D		D	D	D	D	D
5/12/2005	XX	SWNDXX016	D	D		D	D	D	D	D
7/25/2005	XX	SWNDXX02I	D	D		D	D	D	D	D
11/10/2005	XX	SWNDXX04A	0.005 U	26		0.64	3	0.04	4.4	1.3
5/2/2006	XX	SWNDXX096	0.005 U	26		3.5	3.4	0.26	6.2	2.1
8/3/2006	XX	SWNDXX07E	D	D		D	D	D	D	D
10/18/2006	XX	SWNDXX062	D	D		D	D	D	D	D
5/21/2007	XX	SWNDXX0AI	D	D		D	D	D	D	D
8/8/2007	XX	SWNDXX0CB	D	D		D	D	D	D	D
11/6/2007	XX	SWNDXX0E3	D	D		D	D	D	D	D
6/11/2008	XX	SWNDXX0GB	0.005 U	52		0.26	4.9	0.041	7.1	2.4
8/19/2008	XX	SWNDXX0IB	D	D		D	D	D	D	D
10/22/2008	XX	SWNDXX0JJ	D	D		D	D	D	D	D
5/18/2009	XX	SWNDXX11J	D	D		D	D	D	D	D
8/17/2009	XX	SWNDXX13J	D	D		D	D	D	D	D
10/29/2009	XX	SWNDXX157	D	D		D	D	D	D	D
6/7/2010	XX	SWNDXX178	0.005 U	59		0.053	2.6	0.021	3.8	1
8/18/2010	XX	SWNDXX199	D	D		D	D	D	D	D
10/21/2010	XX	SWNDXX1AH	D	D		D	D	D	D	D
5/18/2011	XX	SWXXXX1E9	0.005 U	30		0.082	2.6	0.53	2.6	1.1
8/10/2011	XX	SWXXXX1G0	D	D		D	D	D	D	D

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

(ND) Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
11/2/2011	XX	SWXXXX1HB	D	D		D	D	D	D	D
5/14/2012	XX	SWXXXX1J5	D	D		D	D	D	D	D
8/14/2012	XX	SWXXXX20I	F6	F6		F6	F6	F6	F6	F6
10/29/2012	XX	SWXXXX22C	D	D		D	D	D	D	D
5/21/2013	XX	SWXXXX246	D	D		D	D	D	D	D
7/24/2013	XX	SWXXXX260	D	D		D	D	D	D	D
10/1/2013	XX	SWXXXX27E	D	D		D	D	D	D	D
6/5/2014	XX	SWXXXX298	D	D		D	D	D	D	D
8/21/2014	XX	SWXXXX2B2	D	D		D	D	D	D	D
11/13/2014	XX	SWXXXX2CG	D	D		D	D	D	D	D
6/4/2015	XX	SWXXXX2EC	D	D		D	D	D	D	D
9/3/2015	XX	SWXXXX2G7	D	D		D	D	D	D	D
11/5/2015	XX	SWXXXX2I1	I	I		I	I	I	I	I
6/16/2016	XX	SWXXXX31B	D	D		D	D	D	D	D
9/22/2016	XX	SWXXXX335	D	D		D	D	D	D	D
11/10/2016	XX	SWXXXX34J	D	D		D	D	D	D	D
6/15/2017	XX	SWXXXX36E	D	D		D	D	D	D	D
8/31/2017	XX	SWXXXX388	D	D		D	D	D	D	D
11/16/2017	XX	SWXXXX3A2	D	D		D	D	D	D	D
6/21/2018	XX	SWXXXX3BH	D	D		D	D	D	D	D
8/16/2018	XX	SWXXXX3CC	D	D		D	D	D	D	D
6/6/2019	XX	SWXXXX3H0	D	D		D	D	D	D	D
8/15/2019	XX	SWXXXX3HF	D	D		D	D	D	D	D
10/24/2019	XX	SWXXXX408	I	I		I	I	I	I	I
6/18/2020	XX	SWXXXX423	D	D		D	D	D	D	D
8/6/2020	XX	SWXXXX42I	D	D		D	D	D	D	D
10/22/2020	XX	SWXXXX45B	D	D		D	D	D	D	D
PBF										
5/3/2000	XX	PBFXX36649				0.17		0.057	0.84	2.73
8/9/2000	XX	PBFXX36747				0.111		0.06	2.28	18.94
11/8/2000	XX	PBFXX36838	0.008 U			0.161		0.02	0.7	3.6
5/16/2001	XX	PBFXX37027	0.008 U			1.424		2.53	2.49	22
7/31/2001	XX	PBFXX37103	0.008 U			1.13		1.12	1.25	6.1
10/23/2001	XX	PBFXX37187	0.008 U			0.265		0.69	2.32	19
5/21/2002	XX	PBFXX37397	0.01 U	67.3		5.39	10.3	2.12	2.356	19.1
8/8/2002	XX	PBFXX37476	0.01 U	12.1	0.01 U	2.35	3	1.53	0.7	4.4
10/24/2002	XX	PBFXX37553	0.01 U	2.5	0.01 U	0.216	2	0.02	0.69	2.9
6/26/2003	XX	PBFXX37798	0.005 U	8	0.003 U	0.67	2	0.33	1 U	2.9
8/13/2003	XX	PBFXX37846	0.005 U	10	0.012	0.82	2.7	0.29	1 U	3.2
10/23/2003	XX	PBFXX37917	0.005 U	12	0.003 U	0.66	2.5	0.22	1.2	3.5
5/6/2004	XX	PBFXX38113	0.005 U	7.8	0.003 U	0.9	2.2	0.033	1 U	1.5
7/27/2004	XX	PBFXX38195	0.005 U	24	0.003 U	1	3.2	1.4	1.3	5
10/25/2004	XX	PBFXX38285	0.005 U	8.4	0.003 U	0.23	2.3	0.088	1.1	1.9
5/12/2005	XX	SWPBFX017	0.005 U	8.2	0.003 U	0.51	2	0.14	1.5	1.9
7/25/2005	XX	SWPBFX02J	0.005 U	6.8	0.003 U	1.3	2	0.82	1 U	2
11/10/2005	XX	SWPBFX04B	0.005 U	6.5	0.009	0.25	1.8	0.04	1.6	1.9
5/2/2006	XX	SWPBFX097	0.005 U	14	0.005	0.4	2.6	0.13	2.3	4.7
8/3/2006	XX	SWPBFX07F	0.005 U	9.4	0.003 U	1.1	2.8	0.14	2.1	2.2
10/18/2006	XX	SWPBFX063	0.005 U	11	0.003 U	0.32 B	2.6	0.3	2.1	2.6

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

(PBF) Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
5/21/2007	XX	SWPBFX0AJ	0.005 U	8.3	0.004	0.21	2.4	0.033	1.7	2.6							
8/8/2007	XX	SWPBFX0CC	0.005 U	6	0.005	0.41	1.9	0.097	1 U	1.9							
11/6/2007	XX	SWPBFX0E4	0.005 U	7.3	0.003 U	0.3	1.8	0.06	1.5	2.4							
6/11/2008	XX	SWPBFX0GC	0.005 U	44	0.0085	0.4	9.4	0.36	35	16							
8/19/2008	XX	SWPBFX0IC	0.005 U	9.6	0.003 U	0.45	2.5	0.15	2.1	2							
10/22/2008	XX	SWPBFX100	0.005 U	6.4	0.003 U	0.36	2	0.12	1.1	1.7							
5/7/2009	XX	SWPBFX120	0.005 U	5.2		0.43	1.4	0.28	1 U	1.5							
8/12/2009	XX	SWPBFX140	0.005 U	24	0.003 U	0.58	2.6	0.99	2.2	2.9							
10/27/2009	XX	SWPBFX158	0.005 U	10	0.003 U	0.1	1.7	0.04	2.4	2.7							
6/7/2010	XX	SWPBFX179	0.005 U	14	0.001 U	0.14	2	0.19	2.5	6.9							
8/18/2010	XX	SWPBFX19A	0.005 U	3.6	0.001 U	0.18	1.2	0.038	1 U	1.4							
10/21/2010	XX	SWPBFX1AI	0.005 U	4.7	0.003 U	0.24	1.3	0.025	1 U	1.6							
5/18/2011	XX	SWXXXX1E8	0.005 U	5.2	0.00029 J	0.31	1.4	0.055	1 U	2.2							
8/10/2011	XX	SWXXXX1FJ	0.0016 U	4.1	0.00034 U	0.21	1.5	0.05	0.43	1.5							
8/10/2011	XD	LTDP3X1G9	0.0016 U	4	0.00034 U	0.2	1.4	0.048	0.42	1.4							
11/2/2011	XX	SWXXXX1HA	0.0016 U	12	0.00028 U	0.093	1.8	0.11	1.6	3.6							
PBFR																	
5/14/2012	XX	SWXXXX1J4	0.005 U	11	0.003 U	0.088	1.6	0.044	2	4.1							
8/14/2012	XX	SWXXXX20H	0.005 U	12	0.0031	2.4	2.2	0.99	1.3	2.6							
10/29/2012	XX	SWXXXX22B	0.005 U	15	0.003 U	0.12	3.1	0.037	1.6	4.2							
10/29/2012	XD	SWDP2X230	0.005 U	14	0.003 U	0.13	3.1	0.041	1.6	4.3							
5/21/2013	XX	SWXXXX245	0.005 U	5	0.003 U	0.27	1.4	0.085	1 U	1.3							
5/21/2013	XD	SWDP2X24E	0.005 U	5	0.003 U	0.27	1.4	0.086	1 U	1.3							
7/24/2013	XX	SWXXXX25J	0.005 U	4.4	0.003 U	0.84	1.2	0.24	1 U	1.2							
7/24/2013	XD	SWDP2X268	0.005 U	4.2	0.003 U	0.44	1.2	0.079	1 U	1.1							
10/1/2013	XX	SWXXXX27D	0.005 U	5	0.003 U	0.43	1.4	0.25	1 U	1.5							
10/1/2013	XD	SWDP3X282	0.005 U	5.9	0.003 U	0.27	1.6	0.064	1 U	1.6							
6/5/2014	XX	SWXXXX297	0.008 U	5.12	0.025 U	0.347	1.5	0.139	1 U	1.58							
6/5/2014	XD	SWDP2X29G	0.008 U	4.93	0.025 U	0.461	1.47	0.132	1 U	1.51							
8/21/2014	XX	SWXXXX2B1	0.008 U	5.22	0.025 U	0.359	1.7	0.153	1 U	1.6							
8/21/2014	XD	SWDP2X2BA	0.008 U	5.15	0.025 U	0.375	1.69	0.158	1 U	1.64							
11/13/2014	XX	SWXXXX2CF	0.008 U	6.54	0.025 U	0.194	1.73	0.0262	1 U	2.06							
11/13/2014	XD	SWDP3X2D4	0.008 U	6.41	0.025 U	0.185	1.72	0.0244	1 U	2.03							
6/4/2015	XX	SWXXXX2EB	0.008 U	12.3	0.025 U	0.941	1.56	0.948	1.45	4.76							
6/4/2015	XD	SWDP2X2F0	0.008 U	12.1	0.025 U	0.21	1.49	0.652	1.44	4.9							
9/3/2015	XX	SWXXXX2G6	0.008 U	8.2	0.025 U	0.558	2.06	0.73	1 U	2.12							
9/3/2015	XD	SWDP2X2GF	0.008 U	8.01	0.025 U	0.415	2.03	0.531	1 U	2.14							
11/5/2015	XX	SWXXXX2I0	0.008 U	7.18	0.025 U	0.307	1.82	0.038	1 U	2.1							
11/5/2015	XD	SWDP3X2I9	0.008 U	8.04	0.025 U	0.28	1.74	0.052	1.05	2.48							
6/16/2016	XD	SWDP2X31J	0.008 U	5.78	0.025 U	0.267	1.78	0.073	1 U	1.75							
6/16/2016	XX	SWXXXX31A	0.008 U	5.81	0.025 U	0.339	1.82	0.106	1 U	1.81							
9/22/2016	XD	SWDP2X33D	0.008 U	5.9	0.025 U	0.341	1.95	0.125	1 U	2.14							
9/22/2016	XX	SWXXXX334	0.008 U	5.69	0.025 U	0.332	1.96	0.121	1 U	2.08							
11/10/2016	XD	SWDP3X357	0.008 U	7	0.025 U	0.188	2.08	0.02	1 U	1.99							
11/10/2016	XX	SWXXXX34I	0.008 U	6.89	0.025 U	0.173	2.07	0.019	1 U	2							
6/15/2017	XD	SWDP2X372	0.008 U	6.58	0.025 U	0.248	1.77	0.0328	1 U	1.65							
6/15/2017	XX	SWXXXX36D	0.008 U	6.7	0.025 U	0.253	1.8	0.0325	1 U	1.69							
8/31/2017	XD	SWDP2X38G	0.008 U	9.91	0.025 U	1.33	2.48	1.13	1 U	2.07							
8/31/2017	XX	SWXXXX387	0.008 U	8.62	0.025 U	0.296	2.35	0.36	1 U	2.09							

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

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
(PBFR)																	
11/16/2017	XD	SWDP3X3AA	0.008 U	10.8	0.025 U	3.74	2.68	2.06	1.2	2.63							
11/16/2017	XX	SWXXXX3A1	0.008 U	11	0.025 U	3.15	2.5	1.62	1.3	2.73							
6/21/2018	XD	SWDP2X3C5	0.008 U	6.3	0.025 U	0.346	1.71	0.0785	1 U	1.68							
6/21/2018	XX	SWXXXX3BG	0.008 U	6.3	0.025 U	0.341	1.69	0.0789	1 U	1.7							
8/16/2018	XD	SWDP2X3D0	0.008 U	6.35	0.025 U	0.383	1.84	0.0957	1 U	1.74							
8/16/2018	XX	SWXXXX3CB	0.008 U	6.65	0.025 U	0.369	1.89	0.0888	1 U	1.8							
11/29/2018	XD	SWDP3X3FD	0.008 U	52.5	0.025 U	0.1 U	4.6	0.0465	1.9	5.02							
11/29/2018	XX	SWXXXX3F4	0.008 U	50.3	0.025 U	0.468	4.54	0.251	1.86	4.83							
6/6/2019	XD	SWDP2X3H8	0.008 U	7.98	0.025 U	0.229	1.74	0.0502	1 U	2.04							
6/6/2019	XX	SWXXXX3GJ	0.008 U	14.7	0.025 U	0.267	2.17	0.548	1.23	2.44							
8/15/2019	XD	SWDP2X3I3	0.008 U	6.23	0.025 U	0.124	1.88	0.0361	1 U	1.89							
8/15/2019	XX	SWXXXX3HE	0.008 U	6.26	0.025 U	0.133	1.88	0.0415	1 U	1.9							
10/24/2019	XD	SWDP3X40G	0.008 U	12	0.025 U	0.266	1.96	0.0405	1.38	2.44							
10/24/2019	XX	SWXXXX407	0.008 U	11.8	0.025 U	0.271	1.93	0.0402	1.4	2.44							
6/18/2020	XD	SWDP2X42B	0.008 U	5.66	0.025 U	0.426	1.64	0.164	1 U	1.92							
6/18/2020	XX	SWXXXX422	0.008 U	5.52	0.025 U	0.433	1.63	0.16	1 U	1.89							
8/6/2020	XD	SWDP2X436	0.008 U	5.26	0.025 U	0.278	1.87	0.054	1 U	2.02							
8/6/2020	XX	SWXXXX42H	0.008 U	5.01	0.025 U	0.213	1.82	0.0319	1 U	1.96							
10/22/2020	XD	SWDP3X45J	0.008 U	16.2	0.025 U	0.1 U	2.27	0.0319	1.2	3.33							
10/22/2020	XX	SWXXXX45A	0.008 U	16.5	0.025 U	0.101	2.42	0.0353	1.24	3.42							
PBFB																	
5/3/2000	XX	PBFBXX36649				0.28		0.054	0.55	1.53							
8/9/2000	XX	PBFBXX36747				2.592		0.07	0.15	1.16							
11/8/2000	XX	PBFBXX36838	0.008 U			0.369		0.09	0.48	1.9							
5/16/2001	XX	PBFBXX37027	0.008 U			0.502		0.09	0.48	1.7							
7/31/2001	XX	PBFBXX37103	0.008 U			1.043		0.23	0.2	1.7							
10/24/2001	XX	PBFBXX37188	0.008 U			0.413		1.58	0.29	2.2							
5/21/2002	XX	PBFBXX37397	0.01 U	3.5		0.388	1	0.21	0.146	2.2							
8/6/2002	XX	PBFBXX37474	0.01 U	6.7		3.18	2	0.99	0.16	1.8							
10/24/2002	XX	PBFBXX37553	0.01 U	2.5		0.392	1	0.15	0.18	2.1							
6/26/2003	XX	PBFBXX37798	0.005 U	5		0.76	2	0.72	1 U	2.1							
8/13/2003	XX	PBFBXX37846	0.005 U	5.4		0.95	1.9	0.15	1 U	2.2							
10/23/2003	XX	PBFBXX37917	0.005 U	4.6		0.57	1	0.5	1 U	1.5							
5/6/2004	XX	PBFBXX38113	0.005 U	6.6		0.9	1.9	0.13	1 U	1.6							
7/27/2004	XX	PBFBXX38195	0.005 U	4.7		1.6	1.5	0.52	1 U	1.9							
10/25/2004	XX	PBFBXX38285	0.005 U	5.8		1.8	1.2	0.62	1 U	1.6							
5/12/2005	XX	SWPBFB018	0.005 U	5.8		0.53	1.6	0.12	1.2	1.5							
7/25/2005	XX	SWPBFB030	0.005 U	7.2		1.6	2	0.52	1.4	2							
11/10/2005	XX	SWPBFB04C	0.005 U	4.2		0.71	1 U	0.57	1	1.3							
5/2/2006	XX	SWPBFB098	0.005 U	4.4		0.37	1.3	0.12	1.4	1.5							
8/3/2006	XX	SWPBFB07G	0.005 U	6.4		1.2	1.7	0.24	1 U	1.6							
10/18/2006	XX	SWPBFB064	0.005 U	3.9		0.74 B	1 U	0.72	1 U	1.3							
5/21/2007	XX	SWPBFB0B0	0.005 U	3.7		0.36	1	0.1	1 U	1.5							
8/8/2007	XX	SWPBFB0CD	0.005 U	7.1		1.5	1.8	0.59	1 U	1.6							
11/6/2007	XX	SWPBFB0E5	0.005 U	3.8		0.34	1 U	0.23	1 U	1.5							
6/11/2008	XX	SWPBFB0GD	0.005 U	4.8		0.49	1 U	0.13	1 U	1.3							
8/19/2008	XX	SWPBFB0ID	0.005 U	6.4		0.77	1.9	0.33	1 U	1.4							
10/22/2008	XX	SWPBFB101	0.005 U	6.9		0.97	1.5	0.64	1 U	1.6							
5/7/2009	XX	SWPBFB121	0.005 U	3.7		0.51	1.1	0.13	1 U	1.1							

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

(PBFB)			Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
Date	Type	Sample ID															
8/12/2009	XX	SWPBFB141	0.005 U	8.1		2.2	1.4	1.4	1 U	1.1							
10/27/2009	XX	SWPBFB159	0.005 U	4		0.39	1 U	0.051	1 U	1.2							
6/7/2010	XX	SWPBFB17A	0.005 U	3.2		4	1 U	0.29	1 U	1 U							
8/18/2010	XX	SWPBFB19B	0.005 U	5.6		0.77	1.5	0.9	1 U	1 U							
10/21/2010	XX	SWPBFB1AJ	0.005 U	3.8		0.29	1 U	0.11	1 U	1.1							
5/18/2011	XX	SWXXXX1E7	0.005 U	3.8		0.35	1.1	0.021	1 U	1.2							
8/10/2011	XX	SWXXXX1FI	0.0016 U	3.9		0.56	1.4	0.068	0.4	1.4							
11/2/2011	XX	SWXXXX1H9	0.0016 U	3.2		0.89	1.1	0.052	0.53 J	1.3							
5/14/2012	XX	SWXXXX1J3	0.005 U	4.6		0.76	1.4	0.05	1 U	1.6							
8/14/2012	XX	SWXXXX20G	0.005 U	4.8		2.3	1	0.18	1 U	1.3							
10/29/2012	XX	SWXXXX22A	0.005 U	4.7		0.27	1.3	0.016	1 U	1.6							
5/21/2013	XX	SWXXXX244	0.005 U	2.6		0.18	1 U	0.017	1 U	1 U							
7/24/2013	XX	SWXXXX25I	0.005 U	4.3		0.52	1.2	0.031	1 U	1.1							
10/1/2013	XX	SWXXXX27C	0.005 U	4.6		0.16	1.3	0.018	1 U	1.3							
6/5/2014	XX	SWXXXX296	0.008 U	4.65		1.34	1.32	0.0816	1 U	1.42							
8/21/2014	XX	SWXXXX2B0	0.008 U	4.48		0.706	1.55	0.0598	1 U	1.45							
11/13/2014	XX	SWXXXX2CE	0.008 U	4.59		0.474	1.54	0.034	1 U	1.58							
6/4/2015	XX	SWXXXX2EA	0.008 U	3.47		0.256	1.24	0.027	1 U	1.32							
9/3/2015	XX	SWXXXX2G5	0.008 U	4.74		0.337	1.58	0.048	1 U	1.64							
11/5/2015	XX	SWXXXX2HJ	0.008 U	4.72		0.349	1.48	0.021	1 U	1.48							
6/16/2016	XX	SWXXXX319	0.008 U	4.7		0.274	1.63	0.029	1 U	1.64							
9/22/2016	XX	SWXXXX333	0.008 U	5.02		0.311	1.72	0.041	1 U	2.1							
11/10/2016	XX	SWXXXX34H	0.008 U	4.16		0.255	1.48	0.018	1 U	1.62							
6/15/2017	XX	SWXXXX36C	0.008 U	5.7		0.515	1.57	0.0566	1 U	1.56							
8/31/2017	XX	SWXXXX386	0.008 U	5.83		0.457	1.95	0.0705	1 U	1.7							
11/16/2017	XX	SWXXXX3A0	0.008 U	7.21		0.337	2.09	0.0287	1 U	2.05							
6/21/2018	XX	SWXXXX3BF	0.008 U	5.28		0.385	1.54	0.0437	1 U	1.6							
8/16/2018	XX	SWXXXX3CA	0.008 U	5.9		0.497	1.75	0.0494	1 U	1.48							
11/29/2018	XX	SWXXXX3F3	0.008 U	7.15		0.252	2.09	0.031	1 U	1.97							
6/6/2019	XX	SWXXXX3GI	0.008 U	4.89		0.511	1.48	0.0595	1 U	1.65							
8/15/2019	XX	SWXXXX3HD	0.008 U	4.38		0.226	1.58	0.0267	1 U	1.48							
10/24/2019	XX	SWXXXX406	0.008 U	5.78		0.952	1.41	0.153	1 U	1.73							
6/18/2020	XX	SWXXXX421	0.008 U	4.85		0.562	1.51	0.104	1 U	1.79							
8/6/2020	XX	SWXXXX42G	0.008 U	4.77		0.434	1.66	0.0323	1 U	1.56							
10/22/2020	XX	SWXXXX459	0.008 U	6.01		0.291	1.78	0.055	1 U	2							
SPO																	
5/3/2000	XX	SPOXX36649				D				D							
8/9/2000	XX	SPOXX36747				D				D							
11/8/2000	XX	SPOXX36838				D				D							
5/16/2001	XX	SPOXX37027	D			D		D	D	D							
7/31/2001	XX	SPOXX37103	D			D		D	D	D							
10/23/2001	XX	SPOXX37187	D			D		D	D	D							
5/21/2002	XX	SPOXX37397	D	D		D	D	D	D	D							
7/30/2002	XX	SPOXX37467	D	D		D	D	D	D	D							
10/22/2002	XX	SPOXX37551	D	D		D	D	D	D	D							
6/23/2003	XX	SPOXX37795	D	D		D	D	D	D	D							
8/13/2003	XX	SPOXX37846	D	D		D	D	D	D	D							
10/20/2003	XX	SPOXX37914	D	D		D	D	D	D	D							
5/6/2004	XX	SPOXX38113	0.005 U	27		0.94	3.3	0.14	5.2	3.9							

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

(SPO)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
7/27/2004	XX	SPOXX38195	D	D		D	D	D	D	D
10/25/2004	XX	SPOXX38285	D	D		D	D	D	D	D
5/12/2005	XX	SWSPOX01A	D	D		D	D	D	D	D
7/25/2005	XX	SWSPOX032	D	D		D	D	D	D	D
11/10/2005	XX	SWSPOX04E	0.005 U	36		1.4	4.7	0.64	4.6	4
5/2/2006	XX	SWSPOX09A	0.005 U	29		1.3	3.2	0.2	7	8.7
8/3/2006	XX	SWSPOX07I	0.005 U	26		5.7	2.6	3.6	3.7	4.5
10/18/2006	XX	SWSPOX066	0.005 U	15		2.2 B	1.8	0.36	3.9	4.4
5/21/2007	XX	SWSPOX0B2	0.005 U	19		0.86	2.6	0.21	2.9	7.3
8/9/2007	XX	SWSPOX0CF	D	D		D	D	D	D	D
11/6/2007	XX	SWSPOX0E7	0.005 U	9.8		0.32	1.4	0.04	2.4	2.1
6/11/2008	XX	SWSPOX0GF	0.005 U	12		0.91	1.4	0.17	1.6	2.1
8/19/2008	XX	SWSPOX0GJ	D	D		D	D	D	D	D
10/22/2008	XX	SWSPOX103	D	D		D	D	D	D	D
5/7/2009	XX	SWSPOX123	0.005 U	19		0.52	2.4	0.14	2.2	5.8
8/17/2009	XX	SWSPOX127	D	D		D	D	D	D	D
10/27/2009	XX	SWSPOX15B	0.005 U	11		0.31	1.4	0.036	2.4	2.7
6/7/2010	XX	SWSPOX17C	0.005 U	12		1.6	1.3	0.2	1.3	5
8/18/2010	XX	SWSPOX17H	D	D		D	D	D	D	D
10/21/2010	XX	SWSPOX1B1	D	D		D	D	D	D	D
5/18/2011	XX	SWXXXX1EA	0.005 U	13		0.3	1.6	0.036	1.1	3.1
8/10/2011	XX	SWXXXX1G1	F6	F6		F6	F6	F6	F6	F6
11/2/2011	XX	SWXXXX1HC	F6	F6		F6	F6	F6	F6	F6
5/14/2012	XX	SWXXXX1J6	0.005 U	13		0.52	1.9	0.066	2.7	5.2
8/14/2012	XX	SWXXXX20J	F6	F6		F6	F6	F6	F6	F6
10/29/2012	XX	SWXXXX22D	0.005 U	14		1	1.8	0.71	3.3	5.5
5/21/2013	XX	SWXXXX247	0.005 U	8.4		2.2	1.4	0.55	1 U	3.1
7/24/2013	XX	SWXXXX261	0.005 U	8.4		1.8	1 U	0.39	1.1	1.2
10/1/2013	XX	SWXXXX27F	I	I		I	I	I	I	I
6/5/2014	XX	SWXXXX299	D	D		D	D	D	D	D
8/21/2014	XX	SWXXXX2B3	I	I		I	I	I	I	I
11/13/2014	XX	SWXXXX2CH	0.008 U	9.92		0.601	1.27	0.094	1.76	1.96
6/4/2015	XX	SWXXXX2ED	0.008 U	13		4.35	1.89	0.686	1.11	3
9/3/2015	XX	SWXXXX2G8	D	D		D	D	D	D	D
11/5/2015	XX	SWXXXX2I2	0.008 U	12		0.36	1.5	0.047	1.54	1.9
6/16/2016	XX	SWXXXX31C	D	D		D	D	D	D	D
9/22/2016	XX	SWXXXX336	D	D		D	D	D	D	D
11/10/2016	XX	SWXXXX350	I	I		I	I	I	I	I
6/15/2017	XX	SWXXXX36F	I	I		I	I	I	I	I
8/31/2017	XX	SWXXXX389	D	D		D	D	D	D	D
11/16/2017	XX	SWXXXX3A3	D	D		D	D	D	D	D
6/21/2018	XX	SWXXXX3BI	D	D		D	D	D	D	D
8/16/2018	XX	SWXXXX3CD	D	D		D	D	D	D	D
6/6/2019	XX	SWXXXX3H1	0.008 U	20.8		2.18	2.55	0.715	1.44	2.26
8/15/2019	XX	SWXXXX3HG	D	D		D	D	D	D	D
10/24/2019	XX	SWXXXX409	0.008 U	11.7		0.331	1.33	0.0434	3.85	1.33
6/18/2020	XX	SWXXXX424	D	D		D	D	D	D	D
8/6/2020	XX	SWXXXX42J	I	I		I	I	I	I	I
10/22/2020	XX	SWXXXX45C	I	I		I	I	I	I	I

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

(SPON)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
SPON										
5/12/2005	XX	SWSPON01B	0.005	84		6.2	14	8.7	24	10
7/25/2005	XX	SWSPON033	D	D		D	D	D	D	D
11/10/2005	XX	SWSPON04F	0.005 U	110		1.2	21	9.3	14	13
5/2/2006	XX	SWSPON09B	0.005 U	81		3.2	18	9.9	10	14
8/3/2006	XX	SWSPON07J	0.005 U	200		1.5	61	17	82	36
10/18/2006	XX	SWSPON067	0.005 U	90		1.4 B	23	6.4	20	16
5/21/2007	XX	SWSPON0B3	0.005 U	78		0.56	16	1.5	14	14
8/9/2007	XX	SWSPON0CG	D	D		D	D	D	D	D
11/6/2007	XX	SWSPON0E8	0.005 U	42		0.73	7.1	0.82	7.6	4.1
6/11/2008	XX	SWSPON0GG	0.005 U	48		1.4	8.1	0.59	17	5.8
8/19/2008	XX	SWSPON0H0	0.005 U	75		2.6	15	9.5	13	8.8
10/22/2008	XX	SWSPON104	0.005 U	130		1.2	26	8	22	16
5/7/2009	XX	SWSPON124	0.005 U	77		0.31	23	0.4	14	16
8/12/2009	XX	SWSPON128	0.005 U	76		0.8	13	1.6	6.9	7.5
10/27/2009	XX	SWSPON15C	0.005 U	70		0.23	11	1.6	8.4	6.9
6/7/2010	XX	SWSPON17D	0.005 U	62		0.42	5.6	0.8	3.8	2.7
8/18/2010	XX	SWSPON17I	D	D		D	D	D	D	D
10/21/2010	XX	SWSPON1B2	0.005 U	81		0.3	19	6	11	11
5/18/2011	XX	SWXXXX1EB	0.005 U	45		0.16	8.9	1.1	6.8	5.8
8/10/2011	XX	SWXXXX1G2	D	D		D	D	D	D	D
11/2/2011	XX	SWXXXX1HD	0.0016 U	94		0.42	30	9.1	20	19
5/14/2012	XX	SWXXXX1J7	0.005 U	37		0.86	8	1.4	8.2	4.8
8/14/2012	XX	SWXXXX210	F6	F6		F6	F6	F6	F6	F6
10/29/2012	XX	SWXXXX22E	0.005 U	100		1.3	27	10	21	18
5/21/2013	XX	SWXXXX248	0.005 U	76		0.85	26	3.4	18	18
7/24/2013	XX	SWXXXX262	0.005 U	37		4.7	12	4.8	8.9	5.3
10/1/2013	XX	SWXXXX27G	0.005 U	86		1.3	26	7.6	17	16
6/5/2014	XX	SWXXXX29A	0.008 U	100		1.38	35.2	8.36	25.4	25.2
8/21/2014	XX	SWXXXX2B4	0.008 U	56.8		0.686	21.9	1.58	27.2	12.2
11/13/2014	XX	SWXXXX2CI	0.008 U	77		6.89	24	7.67	15.2	15.4
6/4/2015	XX	SWXXXX2EE	0.008 U	75.3		8.66	24.4	8.78	14.7	20
9/3/2015	XX	SWXXXX2G9	0.008 U	105		3.68	34.6	16.2	18.6	24.7
11/5/2015	XX	SWXXXX2I3	0.008 U	73.9		1.3	24.7	5.92	15.2	17.1
6/16/2016	XX	SWXXXX31D	0.008 U	89		0.48	31.1	3.75	18.6	30.6
9/22/2016	XX	SWXXXX337	D	D		D	D	D	D	D
11/10/2016	XX	SWXXXX351	0.008 U	196		0.15	36.6	0.198	11.7	13
6/15/2017	XX	SWXXXX36G	0.008 U	94		0.199	34.7	0.692	5.83	21.7
8/31/2017	XX	SWXXXX38A	D	D		D	D	D	D	D
11/16/2017	XX	SWXXXX3A4	0.008 U	185		0.17	33.3	0.383	9.4	15.6
6/21/2018	XX	SWXXXX3BJ	D	D		D	D	D	D	D
8/16/2018	XX	SWXXXX3CE	D	D		D	D	D	D	D
11/29/2018	XX	SWXXXX3F7	0.008 U	98.4		0.744	15.7	0.971	4.47	5.91
6/6/2019	XX	SWXXXX3H2	0.008 U	93.6		0.394	24.9	4.28	10.9	13.8
8/15/2019	XX	SWXXXX3HH	0.008 U	62.8		1.55	21	1.95	3.87	18.4
10/24/2019	XX	SWXXXX40A	0.008 U	87.8		0.606	11.1	0.223	4.36	3.85
6/18/2020	XX	SWXXXX425	D	D		D	D	D	D	D
8/6/2020	XX	SWXXXX430	D	D		D	D	D	D	D
10/22/2020	XX	SWXXXX45D	0.008 U	56.2		0.656	12	0.0753	6.04	6.8

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

(SPOS)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L
SPOS										
5/12/2005	XX	SWSPOS01C	0.006	58		25	12	4.2	3.5	36
7/25/2005	XX	SWSPOS034	0.005 U	27		6.9	8	3.7	1 U	2
11/10/2005	XX	SWSPOS04G	0.005 U	14		0.08	4.8	0.05	1.6	3.2
5/2/2006	XX	SWSPOS09C	0.005 U	15		0.19	4.6	0.04	1.6	4.4
8/3/2006	XX	SWSPOS080	0.005 U	24		0.32	7	0.22	1.4	4
10/18/2006	XX	SWSPOS068	0.005 U	17		0.09 B	5.3	0.04	2.6	3.9
5/21/2007	XX	SWSPOS0B4	0.005 U	11		0.051	3.9	0.011	1.4	4.7
8/8/2007	XX	SWSPOS0CH	0.005 U	19		3.6	4.9	4.8	1 U	1.5
11/6/2007	XX	SWSPOS0E9	0.005 U	12		0.06	4	0.01	1.3	4
11/6/2007	XD	SWDP4X0F1	0.005 U	12		0.06	4	0.01	1.3	4.1
6/11/2008	XX	SWSPOS0GH	0.005 U	14		0.23	3.6	0.12	1.6	4.7
8/19/2008	XX	SWSPOS0H1	0.005 U	24		1	6.9	1.3	1.3	3.8
10/22/2008	XX	SWSPOS105	0.005 U	23		0.15	6.2	0.17	4.9	5
5/7/2009	XX	SWSPOS125	0.005 U	13		0.059	3.9	0.04	1.2	3.7
8/12/2009	XX	SWSPOS129	0.005 U	28		0.72	5.9	1.1	1.3	3.6
10/27/2009	XX	SWSPOS15D	0.005 U	11		0.071	3.3	0.034	1.2	3
6/7/2010	XX	SWSPOS17E	0.005 U	12		0.21	3.3	0.18	1.3	4
8/18/2010	XX	SWSPOS17J	D	D		D	D	D	D	D
10/21/2010	XX	SWSPOS1B3	0.005 U	16		0.1	4.7	0.063	1	4
10/21/2010	XD	SWDP4X1B7	0.005 U	16		0.097	4.7	0.06	1 U	3.8
5/18/2011	XX	SWXXXX1EC	0.005 U	10		0.047	3.1	0.01 U	1.2	3.1
8/10/2011	XX	SWXXXX1G3	F6	F6		F6	F6	F6	F6	F6
11/2/2011	XX	SWXXXX1HE	0.0016 U	14		0.08	4.4	0.041	0.84 J	3.6
5/14/2012	XX	SWXXXX1J8	0.005 U	12		0.045	3.7	0.012	1.4	3.1
8/14/2012	XX	SWXXXX211	F6	F6		F6	F6	F6	F6	F6
10/29/2012	XX	SWXXXX22F	0.005 U	17		0.076	5	0.039	1.5	4.2
5/21/2013	XX	SWXXXX249	0.005 U	13		0.045	4	0.029	1.3	2.9
7/24/2013	XX	SWXXXX263	0.005 U	14		0.2	4.4	0.14	1 U	2.8
10/1/2013	XX	SWXXXX27H	0.005 U	22		0.26	6.8	0.24	1 U	3.5
6/5/2014	XX	SWXXXX29B	0.008 U	22.5		0.175	6.63	0.507	1.55	3.73
8/21/2014	XX	SWXXXX2B5	0.008 U	21.7		3.13	5.93	2.37	1 U	2.29
11/13/2014	XX	SWXXXX2CJ	0.008 U	11.7		0.1 U	3.95	0.0394	1.13	2.84
6/4/2015	XX	SWXXXX2EF	0.008 U	11.2		0.223	3.9	0.122	1.16	2.57
9/3/2015	XX	SWXXXX2GA	0.008 U	28.8		7.42	7.02	5.34	1 U	3.13
11/5/2015	XX	SWXXXX2I4	0.008 U	12.6		0.1 U	4.2	0.046	1.02	2.73
6/16/2016	XX	SWXXXX31E	D	D		D	D	D	D	D
9/22/2016	XX	SWXXXX338	D	D		D	D	D	D	D
11/10/2016	XX	SWXXXX352	0.008 U	27.5		0.196	6.14	0.101	1.7	4
6/15/2017	XX	SWXXXX36H	0.008 U	20.6		0.218	4.99	0.131	1 U	3.11
8/31/2017	XX	SWXXXX38B	D	D		D	D	D	D	D
11/16/2017	XX	SWXXXX3A5	0.008 U	14.9		0.1 U	4.35	0.0785	1	2.94
6/21/2018	XX	SWXXXX3C0	0.008 U	25.7		0.553	6.35	0.131	1 U	3.7
8/16/2018	XX	SWXXXX3CF	0.008 U	21.4		0.568	5.36	0.606	1 U	2.7
11/29/2018	XX	SWXXXX3F8	0.008 U	12.1		0.1 U	3.6	0.206	1 U	2.56
6/6/2019	XX	SWXXXX3H3	0.008 U	15.2		0.33	4.39	0.0919	1.41	2.45
8/15/2019	XX	SWXXXX3HI	0.008 U	24.4		0.704	5.88	0.211	1 U	3.34
10/24/2019	XX	SWXXXX40B	0.008 U	14		0.132	3.94	0.0265	1.71	2.67
6/18/2020	XX	SWXXXX426	0.008 U	25.9		2.2	5.86	1.49	1.75	3.41

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

(SPOS)

Date	Type	Sample ID	Arsenic mg/L	Calcium mg/L	Copper mg/L	Iron mg/L	Magnesium mg/L	Manganese mg/L	Potassium mg/L	Sodium mg/L							
8/6/2020	XX	SWXXXX431	0.008 U	28.4		1.85	6.11	1.13	1.23	2.57							
10/22/2020	XX	SWXXXX45E	0.008 U	16.2		0.216	4.45	0.0447	1.49	2.64							

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.
- B - Compound is found in the associated quality control blank as well as sample.
- D - The sampling location was dry.
- E - Compound exceeded upper level of calibration range and required dilution.
- F6 - No flow. Sample not taken.
- I - The sampling location yielded insufficient quantity to collect a sample.
- J - Analyte was positively identified/Associated value is an estimate.
- U - Not Detected above the laboratory reporting limit.

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

(LP) Date	Type	Sample ID	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L
LP																
5/7/2009	XX	LTLPXX10F			0.0096				280				13		110	20
8/12/2009	XX	LTLPXX12F			0.023				340				55		120	18
10/27/2009	XX	LTLPXX143	0.27	0.0055	0.015	0.17	0.002 U	0.0004 U	190	0.005 U	0.05 U	0.003 U	24	0.003 U	50	7
6/7/2010	XX	LTLPXX164			0.022				160				23		66	3.8
6/7/2010	XD	LTDP4X162			0.027 J				160				23		68	5
8/18/2010	XX	LTLPXX185			0.021				41				1.2		160	1.3
10/21/2010	XX	LTLPXX19D	0.12	0.003 U	0.0094	0.17	0.002 U	0.00071	210	0.005 U	0.05 U	0.003 U	12	0.003 U	97	5.4
5/18/2011	XX	LTXXXX1ED			0.0097				130				9.2		42	5.4
5/18/2011	XD	LTXXXX1EI			0.0091				130				9.7		44	5.6
8/10/2011	XX	LTXXXX1G4			0.028				40				5.6		140	1.7
11/2/2011	XX	LTXXXX1HF	0.052	0.00035 U	0.0036 J	0.13	0.00002 U	0.00015 J	160	0.0036 J	0.0064 J	0.00028 U	6.3	0.00077 U	86	6
11/2/2011	XD	LTDP3X1I0	0.054	0.00035 U	0.005	0.13	0.00002 U	0.00013 U	160	0.0036 J	0.0065 J	0.00028 U	6.7	0.00077 U	91	6.4
5/14/2012	XX	LTXXXX1J9			0.005 U				130				8.3		41	5.1
8/15/2012	XX	LTXXXX212			0.027				30				7.6		150	0.95
8/15/2012	XD	LTDP3X217			0.028				28				7.3		140	0.92
10/30/2012	XX	LTXXXX22G			0.01				160				5.4		69	4.8
5/21/2013	XX	LTXXXX24A			0.025 U				130				3.2		78	3
7/25/2013	XX	LTXXXX264			0.018				38				2.3		67	1.3
10/1/2013	XX	LTXXXX27I	0.063	0.003 U	0.0099	0.11	0.002 U	0.0002 U	110	0.005 U	0.05 U	0.003 U	4.6	0.003 U	58	3.5
6/5/2014	XX	LTXXXX29C			0.008 U				158				1.84		85.8	5.16
8/21/2014	XX	LTXXXX2B6			0.021				174				6.87		177	5.85
11/13/2014	XX	LTXXXX2D0	0.3 U	0.008 U	0.014	0.122	0.005 U	0.005 U	149	0.01 U	0.01 U	0.025 U	5.9	0.005 U	44.6	3.98
6/4/2015	XX	LTXXXX2EG			0.012				123				7.6		47	4.55
9/3/2015	XX	LTXXXX2GB			0.008				97.7				4.24		112	1.39
11/5/2015	XX	LTXXXX2I5	0.3 U	0.008 U	0.013	0.12	0.005 U	0.005 U	137	0.01 U	0.01 U	0.025 U	7.08	0.005 U	49.9	3.99
6/16/2016	XX	LTXXXX31F			0.009				135				2.88		103	2.18
9/22/2016	XX	LTXXXX339			0.017				57.3				1.43		177	0.728
11/10/2016	XX	LTXXXX353	0.3 U	0.008 U	0.014	0.0912	0.005 U	0.005 U	105	0.01 U	0.01 U	0.025 U	1.4	0.005 U	160	1.11
6/15/2017	XX	LTXXXX36I			0.008				152				1.53		104	4.56
8/31/2017	XX	LTXXXX38C			0.008				121				2.5		224	2.56
11/16/2017	XX	LTXXXX3A6	0.3 U	0.008 U	0.009	0.105	0.005 U	0.005 U	144	0.01 U	0.01 U	0.025 U	4.39	0.005 U	60.8	3.73
6/21/2018	XX	LTXXXX3C1			0.008 U				126				1.59		136	1.07
8/16/2018	XX	LTXXXX3CG			0.008				75.1				2.54		111	0.865
11/29/2018	XX	LTXXXX3F9	0.3 U	0.008 U	0.008 U	0.0439	0.005 U	0.005 U	64.2	0.01 U	0.01 U	0.025 U	1.18	0.005 U	24	2.13
6/6/2019	XX	LTXXXX3H4			0.01				118				3.46		62	4.63
8/15/2019	XX	LTXXXX3HJ			0.015				110				1.88		133	1.7
10/24/2019	XX	LTXXXX40C	0.3 U	0.008 U	0.012	0.107	0.005 U	0.005 U	115	0.01 U	0.01 U	0.025 U	3.69	0.005 U	99.4	2.68
6/18/2020	XX	LTXXXX427			0.012				122				4.57		106	1.6
8/6/2020	XX	LTXXXX432			0.008 U				83.1				1.7		170	0.452
10/22/2020	XX	LTXXXX45F	0.3 U	0.008 U	0.008	0.0974	0.005 U	0.005 U	110	0.01 U	0.0116	0.025 U	3.78	0.005 U	70.4	2.32

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

(LP)	Aluminum mg/L	Antimony mg/L	Arsenic mg/L	Barium mg/L	Beryllium mg/L	Cadmium mg/L	Calcium mg/L	Chromium mg/L	Cobalt mg/L	Copper mg/L	Iron mg/L	Lead mg/L	Magnesium mg/L	Manganese mg/L
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:

J - Analyte was positively identified/Associated value is an estimate.

U - Not Detected above the laboratory reporting limit.

SUMMARY REPORT

LP Metals (part 2 of 2)

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

(LP)

Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L
LP										
5/7/2009	XX	LTLPXX10F		180			55			
8/12/2009	XX	LTLPXX12F		170			46			
10/27/2009	XX	LTLPXX143	0.014	92	0.014	0.001 U	25	0.0028 U	0.05 U	0.019
6/7/2010	XX	LTLPXX164		170			32			
6/7/2010	XD	LTDP4X162		190			38			
8/18/2010	XX	LTLPXX185		210			77			
10/21/2010	XX	LTLPXX19D	0.017	170	0.012	0.007 U	47	0.0028 U	0.05 U	0.01 U
5/18/2011	XX	LTXXXX1ED		57			19			
5/18/2011	XD	LTXXXX1EI		58			20			
8/10/2011	XX	LTXXXX1G4		160			73			
11/2/2011	XX	LTXXXX1HF	0.011	100	0.016	0.0014 U	40	0.02		0.021 U
11/2/2011	XD	LTDP3X1I0	0.011	100	0.018	0.0014 U	44	0.021		0.021 U
5/14/2012	XX	LTXXXX1J9		55			19			
8/15/2012	XX	LTXXXX212		160			74			
8/15/2012	XD	LTDP3X217		160			72			
10/30/2012	XX	LTXXXX22G		95			32			
5/21/2013	XX	LTXXXX24A		89			33			
7/25/2013	XX	LTXXXX264		78			31			
10/1/2013	XX	LTXXXX27I	0.0098	73	0.005 U	0.001 U	28	0.002 U		0.005 U
6/5/2014	XX	LTXXXX29C		108			36.3			
8/21/2014	XX	LTXXXX2B6		205			68.3			
11/13/2014	XX	LTXXXX2D0	0.01 U	64.4	0.01 U	0.01 U	19.7	0.015 U		0.02 U
6/4/2015	XX	LTXXXX2EG		59.7			18.7			
9/3/2015	XX	LTXXXX2GB		132			48.7			
11/5/2015	XX	LTXXXX2I5	0.01 U	67.8	0.01 U	0.01 U	20.1	0.015 U		0.02 U
6/16/2016	XX	LTXXXX31F		126			42.9			
9/22/2016	XX	LTXXXX339		257			92.1			
11/10/2016	XX	LTXXXX353	0.0134	219	0.01 U	0.01 U	71.2	0.015 U		0.02 U
6/15/2017	XX	LTXXXX36I		114			40.2			
8/31/2017	XX	LTXXXX38C		259			93.7			
11/16/2017	XX	LTXXXX3A6	0.0109	70.1	0.01 U	0.01 U	26	0.015 U		0.02 U
6/21/2018	XX	LTXXXX3C1		161			58.6			
8/16/2018	XX	LTXXXX3CG		121			46.5			
11/29/2018	XX	LTXXXX3F9	0.01 U	26	0.01 U	0.01 U	9.39	0.015 U		0.02 U
6/6/2019	XX	LTXXXX3H4		59.7			20.9			
8/15/2019	XX	LTXXXX3HJ		143			54.6			
10/24/2019	XX	LTXXXX40C	0.01 U	108	0.01 U	0.01 U	40.9	0.015 U		0.02 U
6/18/2020	XX	LTXXXX427		117			43.1			
8/6/2020	XX	LTXXXX432		188			70.6			
10/22/2020	XX	LTXXXX45F	0.0175	77.5	0.01 U	0.01 U	27.1	0.015 U		0.02 U

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

(LP) Date	Type	Sample ID	Nickel mg/L	Potassium mg/L	Selenium mg/L	Silver mg/L	Sodium mg/L	Thallium mg/L	Vanadium mg/L	Zinc mg/L

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.

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

(104B)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
104B													
4/27/2000	XX	104BXX36643	0.1 U	1 U		102	186	16.5	63.6	41	50.5	2.2	2.6
8/1/2000	XX	104BXX36739	0.1 U	1 U		95	1	17.9	39.5	47	50.5	1 U	3.9
10/24/2000	XX	104BXX36823	0.1 U	1 U		92	1	17	29.7	48	50.5	1 U	2.4
5/8/2001	XX	104BXX37019	0.1 U	1.5		91	5	17.4	29.9	48	51	1 U	2.6
7/24/2001	XX	104BXX37096	0.1 U	1 U		95	1 U	18.2	32.2	47	50	1 U	2
10/16/2001	XX	104BXX37180	0.1 U	1 U		89	1	16.4	31.5	46	50	1 U	2.9
5/15/2002	XX	104BXX37391	0.1 U	1 U		78	1 U	18.7	31.3	42	46	1 U	1.5
7/29/2002	XX	104BXX37466	0.1 U	1 U		100	1	17.9	32.5	48	50	1 U	2.2
10/15/2002	XX	104BXX37544	0.1 U	1 U		88	1 U	18.2	29.2	40	42	1 U	2.4
6/19/2003	XX	104BXX37791	0.2 U	2 U		80	1 U	18	73	44	51	1 U	2 U
8/5/2003	XX	104BXX37838	0.2 U	2 U		82	1 U	16	68	48	50	1 U	2 U
10/7/2003	XX	104BXX37901	0.2 U	2 U		75	1 U	17	62	44	50	1	2 U
4/26/2004	XX	104BXX38103	0.2 U	0.5 U		34	1 U	18	71	44	50	1	2.7
8/9/2004	XX	104BXX38208	0.2 U	2 U		82	1 U	16	62	47	49	1 U	3
10/11/2004	XX	104BXX38271	0.2 U	2 U		78	1 U	16	65	46	49	1 U	3
5/24/2005	XX	GW104B005	0.29	2 U		91	1 U	18	57	46	48	1 U	2
8/1/2005	XX	GW104B01H	0.2 U	2 U		140	1 U	15	59	42	46	1 U	2 U
10/25/2005	XX	GW104B039	0.2 U	2 U		79	1 U	16	67	49	51	1 U	2 U
5/10/2006	XX	GW104B085	0.2 U	2 U		70	1 U	18	75	44	47	1 U	2 U
7/24/2006	XX	GW104B06D	0.2 U	2 U		77	1 U	18	70	50	50	1 U	2 U
10/10/2006	XX	GW104B051	0.2 U	2 U		88	1 U	16	65	51	52	1 U	2 U
5/10/2007	XX	GW104B09H	0.9	0.5 U		98	1 U	15	64	52	54	1 U	2 U
8/6/2007	XX	GW104B0BA	0.2 U	0.5 U		78	1 U	15	70	46	47	1.8	2 U
10/24/2007	XX	GW104B0D2	0.2 U	0.5 U		100	1 U	16	62	37	37	1 U	2 U
10/24/2007	XD	GWDP2X0EJ	0.2 U	0.5 U		110	1 U	16	64		49	1 U	2 U
5/28/2008	XX	GW104B0FA	0.2 U	0.5 U		140	1 U	17	65	53	53	1 U	2 U
8/11/2008	XX	GW104B0HA	0.2 U	0.5 U		79	1 U	15	54	49	50	1 U	2 U
10/15/2008	XX	GW104B0II	0.2 U	0.5 U		110	1 U	17	57	48	49	1 U	2 U
10/15/2008	XD	GWDP1X106	0.2 U	0.5 U		100	1 U	17	57		49	1 U	2 U
5/6/2009	XX	GW104B10I	0.2 U	0.5 U		120	0.6 U	18	54	50	50	1 U	2 U
8/4/2009	XX	GW104B12I	0.2 U	0.5 U		100	2 U	17	51	49	50	1 U	2 U
10/19/2009	XX	GW104B146	0.2 U	0.5 U		35	1 U	18	59	48	49	1 U	2 U
5/25/2010	XX	GW104B167	0.2 U	0.5 U		91	1 U	15	57	49	49	1 U	2 U
5/25/2010	XD	GWDP1X15J	0.2 U	0.5 U		98	1 U	15	57		49	1 U	2 U
8/2/2010	XX	GW104B188	0.2 U	0.5 UH		87	1.1 U	17	57	50	50	1 U	2 U
10/12/2010	XX	GW104B19G	0.2 U	0.5 U		110	1.1 U	17	58	49	50	1 U	2 U
5/16/2011	XX	GW104B1DI	0.2 U	0.5 U		96	5 U	18	59	48	48	1 U	2 U
5/16/2011	XD	GWXXXX1EG	0.2 U	0.5 U		80	5 U	17	59	47	47	1 U	2 U
8/9/2011	XX	GW104B1F9	0.08 U	0.2 U		79	0.46 U	17	59	50	50	0.57 J	1.3 J
11/3/2011	XX	GW104B1H0	0.082 U	0.2 U		80	0.32 U	17	57	51	51	0.82 J	1.2 J
11/3/2011	XD	GWDP2X1HJ	0.082 U	0.2 U		56	0.32 U	17	51	50	50	0.63 J	1.2 U
5/14/2012	XX	GW104B1IE	0.2 U	0.5 U		64	2.5 U	15	57	47	47	1 U	2 U
5/14/2012	XD	GWXXXX1JC	0.2 U	0.5 U		70	2.5 U	16	59	47	47	1 U	2 U
8/14/2012	XX	GW104B207	0.2 U	0.25 U		74	2.5 U	15	52	46	46	1 U	1
8/14/2012	XD	GWDP1X215	0.2 U	0.25 U		82	2.7 U	15	51	48	48	1 U	1
10/31/2012	XX	GW104B221	0.2 U	0.25 U		140	2.5 U	15	59	43	43	0.64	1
5/22/2013	XX	GW104B23F	0.2 U	0.25 U		90	2.5 U	17	54	51	51	0.76	1.1
5/22/2013	XD	GWDP3X24F	0.2 U	0.25 U		88	2.5 U	16	42	48	48	0.67	1.2

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

(104B) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
7/23/2013	XX	GW104B259	0.2 U	0.25 U		85	2.5 U	16	62	51	51	0.6	1.1
10/1/2013	XX	GW104B273	0.2 U	0.25 U		75	2.5 U	17	57	49	49	0.5 U	1.1
6/4/2014	XX	GW104B28H	0.16	0.05 U		100	4 U	18	61.4	48	48	1 U	2.9
6/4/2014	XD	GWDP3X29H	0.1 U	0.05 U		99	4 U	18	61.8	47	47	1 U	3.7
8/19/2014	XX	GW104B2AB	0.1 U	0.05 U		97	4 U	17	63.1	50	50	1 U	2.6
11/12/2014	XX	GW104B2C5	0.1 U	0.05 U		92	4 U	17	58.8	53	53	1 U	2 U
6/3/2015	XX	GW104B2E1	0.1 U	0.05 U		90	4 U	16	58.3	47	47	1 U	2.5
6/3/2015	XD	GWDP3X2F1	0.1 U	0.05 U		96	4 U	16	56.8	48	48	1 U	2.6
9/2/2015	XX	GW104B2FG	0.1 U	0.074		87	4 U	16	63.5	49	49	1 U	2 U
11/4/2015	XX	GW104B2HA	0.1 U	0.05 U		100	4 U	16	60.4	50	50	1 U	2
6/14/2016	XD	GWDP3X320	0.1 U	0.088		94	4 U	17	62	46	46	1 U	3.4
6/14/2016	XX	GW104B310	0.1 U	0.092		110	4 U	17	59.6	50	50	1 U	2 U
9/20/2016	XX	GW104B32E	0.1 U	0.05 U		100	4 U	18	62.2	53	53	1 U	2.4
11/8/2016	XX	GW104B348	0.1 U	0.05 U		94	4 U	19	63	57	57	1 U	2.5
6/14/2017	XD	GWDP3X373	0.1 U	0.092		82	4 U	23	63.2	44	44	1 U	2.9
6/14/2017	XX	GW104B363	0.1 U	0.11		66	4 U	18	62.2	49	49	1 U	3.1
8/30/2017	XX	GW104B37H	0.1 U	0.065		100	4 U	17	62.2	49	49	1 U	2.6
11/15/2017	XX	GW104B39B	0.1 U	0.05 U		85	4 U	16	62.2	52	52	1 U	2 U
6/19/2018	XD	GWDP3X3C6	0.1 U	0.095		110	4 U	18	56.3	55	55	1 U	2 U
6/19/2018	XX	GW104B3B6	0.1 U	0.096		110	4 U	18	60.6	52	52	1 U	2.2
8/14/2018	XX	GW104B3DF	0.1 U	0.089		110	4 U	18	61.1	51	51	1 U	2 U
11/27/2018	XX	GW104B3EE	0.1 U	0.05 U		87	4 U	19	64.2	53	53	1 U	3.2
6/4/2019	XD	GWDP3X3H9	0.1 U	0.092		120	4 U	18	61.3	53	53	1 U	2 U
6/4/2019	XX	GW104B3G9	0.1 U	0.092		100	4 U	18	66.8	54	54	1 U	2 U
8/14/2019	XX	GW104B3II	0.1 U	0.076		120	4 U	18	63.5	53	53	1 U	3.4
10/22/2019	XX	GW104B3JH	0.1 U	0.082		130	4 U	17	62.5	50	50	1 U	2.3
6/16/2020	XD	GWDP3X42C	0.1 U	0.096		100	4 U	14	61.8	56	56	1 U	2 U
6/16/2020	XX	GW104B41C	0.1 U	0.063		100	4 U	15	62.3	53	53	1 U	2 U
8/4/2020	XX	GW104B441R							68.7				
8/4/2020	XX	GW104B441	0.1 U	0.06		53	4 U	14		53	53	1 U	2 U
10/20/2020	XX	GW104B450	0.1 U	0.05 U		98	4 U	15	63.5	52	52	1 U	2 U
107A													
5/3/2000	XX	107AXX36649	0.1 U	2		757	43	12.9	642.7	440	526.2	12.9	105
8/10/2000	XX	107AXX36748	0.1 U	1.3		621	1	10.4	487	350	452.5	6.3	75.2
11/9/2000	XX	107AXX36839	0.1 U	1.5		524	3	8	359.1	398	404	6.1	82.1
5/16/2001	XX	107AXX37027	0.1 U	2		703	1	12.7	522.5	440	470	9.6	111
8/1/2001	XX	107AXX37104	0.1 U	1.4		1324	5	11.2	1068	1000	1020	23.3	151.4
10/24/2001	XX	107AXX37188	0.1 U	1.7		1834	7	11.4	1548.1	1429	1440	33.4	222
5/22/2002	XX	107AXX37398	0.1 U	1.85		1811	6	15.4	1466.7	1210	1378	62.6	193
8/2/2002	XX	107AXX37470	0.1 U	1.8		1831	3	10	1316	1320	1428	34.8	186.4
10/23/2002	XX	107AXX37552	0.1 U	1 U		1360	3	14.6	1071.3	1100	1148	24.7	118.4
6/24/2003	XX	107AXX37796	0.2 U	2 U		1400	2	11	1200	1000	1100	24	140
8/13/2003	XX	107AXX37846	0.2 U	2 U		1300	1	9.1	1000	970	1000	21	110
10/16/2003	XX	107AXX37910	0.2 U	2 U		1100	1 U	9.5	1000	900	950	18	98
5/13/2004	XX	107AXX38120	0.2 U	2 U		540	1 U	8.4	600	420	450	6.5	47
8/2/2004	XX	107AXX38201	0.2 U	2 U		440	1 U	9.6	420	405	430	6	36
10/19/2004	XX	107AXX38279	0.2 U	2 U		480	1 U	9.8	460	420	460	5.6	45
5/10/2005	XX	GW107A006	0.2 U	2 U		910	1 U	10	810	500	550	6.5	100
7/27/2005	XX	GW107A01I	0.2 U	2 U		910	1 U	9.5	850	615	690	11	93

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

(107A)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
10/27/2005	XX	GW107A03A	0.2 U	2 U		610	3	8.8	640	530	620	7.1	57
5/3/2006	XX	GW107A086	0.2 U	2 U		340	1 U	7.7	410	350	370	4	26
8/1/2006	XX	GW107A06E	0.24	2 U		300	1 U	8.6	310	270	290	3.2	17
10/25/2006	XX	GW107A052	0.2 U	2 U		280	1 U	8.4	200	240	260	2.9	14
5/8/2007	XX	GW107A09I	0.5 U	0.5 U		310	1 U	7.5	290	290	310	1.5	15
5/8/2007	XD	GWDP3X0EC	0.5 U	0.5 U		290	1 U	7.4	270		310	1.5	15
8/7/2007	XX	GW107A0BB	0.2 U	0.5 U		430	1.2	6.5	340	280	320	11	22
10/31/2007	XX	GW107A0D3	0.2 U	0.5 U		510	1 U	6.9	480	390	420	6.3	48
5/28/2008	XX	GW107A0FB	0.2 U	0.5 U		500	1 U	8.4	430	360	380	5.1	41
8/18/2008	XX	GW107A0HB	0.2 U	0.5 U		440	1 U	7.3	310	350	380	5.5	22
10/23/2008	XX	GW107A0IJ	0.2 U	0.5 U		330	1 U	7	310	270	290	5.2	23
5/12/2009	XX	GW107A10J	0.2 U	0.5 U		300	0.6 U	6.9	240	250	270	3.9	15
5/12/2009	XD	GWDP3X10C	0.2 U	0.5 U		300	0.6 U	7	260		270	2.2	15
8/11/2009	XX	GW107A12J	0.2 U	0.5 U		320	0.6 U	7.4	270	270	290	4.2	17
10/26/2009	XX	GW107A147	0.2 U	0.5 U		400	1 U	6.4	260	270	290	4.3	37
6/2/2010	XX	GW107A168	0.2 U	0.5 U		310	1 U	6.2	290	245	260	6.1	20
8/5/2010	XX	GW107A189	0.2 U	0.5 U		360	1.1 U	5.9	300	290	320	4.2	25
8/5/2010	XD	GWDP3X182	0.2 U	0.5 U		360	1 U	6	310		320	2.7	25
10/18/2010	XX	GW107A19H	0.2 U	0.5 U		580	1.2 U	6.7	390	450	480	13	57
5/18/2011	XX	GW107A1D8	0.2 U	0.5 U		680	5 U	7.3	440	550	550	16	83
8/9/2011	XX	GW107A1EJ	0.08 U	0.2 U		450	0.7 J	6	260	380	380	9	40
11/2/2011	XX	GW107A1GA	0.082 U	0.2 U		410	0.32 U	6	300	360	360	6.9	36
5/17/2012	XX	GW107A1I4	0.2 U	0.09 U		418	2.5 U	6.4	380	420	420	6.81	54
8/14/2012	XX	GW107A1JH	0.2 U	0.25 U		720	2.6 U	5	430	590	590	11.1	60
10/31/2012	XX	GW107A21B	0.2 U	0.25 U		680	2.5 U	4.9	490	540	540	9.3	62
5/21/2013	XX	GW107A235	0.2 U	0.25 U		740	2.5 U	6.2	510	580	580	10	77
7/22/2013	XX	GW107A24J	0.2 U	0.25 U		710	2.5 U	5.8	440	500	500	7.6	58
10/1/2013	XX	GW107A26D	0.2 U	0.25 U		580	2.5 U	5.4	390	500	500	6.8	45
6/4/2014	XX	GW107A287	0.1 U	0.05 U		320	4 U	12	222	250	250	1.7	24
8/19/2014	XX	GW107A2A1	0.1 U	0.05 U		680	4.8	8.1	386	560	560	6.6	47
11/12/2014	XX	GW107A2BF	0.16	0.05 U		780	4 U	6.5	465	560	560	8	47
6/3/2015	XX	GW107A2DB	0.1 U	0.05 U		540	4 U	7.3	509	430	430	13	72
9/2/2015	XX	GW107A2F6	0.1	0.05 U		710	4 U	6.9	476	590	590	11	46
11/4/2015	XX	GW107A2H0	0.11	0.05 U		780	4 U	1 U	536	670	670	11	45
6/15/2016	XX	GW107A30A	0.1 U	0.05 U		420	4 U	6.6	315	330	330	4.1	19
9/20/2016	XX	GW107A324	0.63	0.05 U		420	4 U	6.6	299	360	360	5.2	18
11/8/2016	XX	GW107A33I	2.2	0.05 U		510	4 U	3.5	420	540	540	10	32
6/14/2017	XX	GW107A35D	0.26	0.15		930	4 U	1 U	867	900	900	25	88
8/29/2017	XX	GW107A377	0.59	0.05 U		930	4	1 U	720	840	840	17	57
11/15/2017	XX	GW107A391	1.5	0.05 U		880	4 U	1 U	682	880	880	16	42
6/19/2018	XX	GW107A3AG	0.17	0.05 U		770	4 U	4.1	476	670	670	12	45
8/16/2018	XX	GW107A3D5	0.36	0.05 U		670	4 U	2.3	548	660	660	9.5	36
11/28/2018	XX	GW107A3E4	0.92	0.21		560	4 U	6.2	448	560	570	7.8	27
6/5/2019	XX	GW107A3FJ	0.1 U	0.22		760	4 U	3.4	419	570	570	6.5	56
8/14/2019	XX	GW107A3I8	0.21	0.05 U		610	4 U	10	470	540	540	7.9	36
10/23/2019	XX	GW107A3J7	0.92	0.05 U		540	4 U	6.2	474	500	500	7.6	24
6/17/2020	XX	GW107A412	0.35	0.05 U		580	4 U	5.8	399	570	570	7.2	39
8/4/2020	XX	GW107A43B	0.6	0.05 U		530	4 U	7.3		520	520	6.7	28
8/4/2020	XX	GW107A43BR							445				
10/22/2020	XX	GW107A44A	5.6	0.05 U		930	4 U	1 U	780	1000	1000	21	54

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

(202AR)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
202AR																	
4/27/2000	XX	202ARXX36643	2.42	2.2		1046	17	7	984.8	820	985.8	15.1	38.4				
8/2/2000	XX	202ARXX36740	2.21	1.7		1095	4	7.5	998.6	920	1056.5	14.7	35.6				
10/24/2000	XX	202ARXX36823	1.22	2.7		1043	3	6	933.3	950	1090.8	18.2	38.1				
5/9/2001	XX	202ARXX37020	1.69	2.7		1128	2	7.9	944.2	1000	1060	14.1	41.2				
7/24/2001	XX	202ARXX37096	0.784	1 U		1142	2	7.5	946.8	1020	1075	13.6	27.9				
10/16/2001	XX	202ARXX37180	1.37	1 U		1176	2	2.5	1126	1105	1110	12.6	37.7				
5/16/2002	XX	202ARXX37392	1.28	1 U		1135	1	9.9	1061.2	990	1060	13	38.8				
7/31/2002	XX	202ARXX37468	2.02	1 U		1118	3	9.7	469.3	952.5	1036	15.2	28.9				
10/16/2002	XX	202ARXX37545	2.14	1 U		1129	5	12.5	943.4	1000	1064	14.9	34.2				
6/17/2003	XX	202ARXX37789	2.8	2 U		1100	2	10	1100	960	1000	11	34				
8/6/2003	XX	202ARXX37839	2.6	2 U		1000	2	8.6	1100	970	1000	15	24				
10/8/2003	XX	202ARXX37902	2.8	2 U		1100	2	9.4	1100	920	1000	14	27				
4/28/2004	XX	202ARXX38105	1.8	2 U		1100	1 U	8.5	1200	920	960	14	33				
8/11/2004	XX	202ARXX38210	4.1	2 U		950	3	8.4	1000	930	1000	14	26				
10/12/2004	XX	202ARXX38272	3.6	2 U		1000	1 U	7.2	1100	920	1000	21	23				
5/19/2005	XX	GW202A009	3.8	2 U		1100	7	7.7	950	900	980	10	31				
8/4/2005	XX	GW202A021	4.3	2 U		1000	1 U	6.6	890	98	100	11	23				
10/25/2005	XX	GW202A03D	3.3	2 U		1000	6	6.4	1100	940	1000	13	26				
5/9/2006	XX	GW202A089	1.4	2 U		1000	8.5	6.6	1700	1000	1000	13	27				
7/25/2006	XX	GW202A06H	3.6	2 U		1000	2.6	6.3	1300	820	860	13	21				
10/19/2006	XX	GW202A055	3.8	2 U		1000	1.7	5.3	1000	960	1000	12	22				
5/10/2007	XX	GW202A0A1	3.6	0.5 U		1000	3.1	5.1	1100	1040	1100	8.4	25				
8/6/2007	XX	GW202A0BE	4.8	0.5 U		1000	1.8	4.4	1200	960	1000	47	23				
10/25/2007	XX	GW202A0D6	2	0.5 U		1000	3.7	5.4	1400	920	1000	18	24				
5/29/2008	XX	GW202A0FE	2.1	0.5 U		990	1 U	5.3	1000	920	1000	11	23				
8/12/2008	XX	GW202A0HE	1.9	0.5 U		1000	1.4	5.5	950	920	1000	15	19				
8/12/2008	XD	GWDP1X0H2	1.8	0.5 U		1000	1.1	5.4	900		1000	15	20				
10/16/2008	XX	GW202A0J2	1.7	0.5 U		950	1.9	5.6	830	950	990	11	21				
5/4/2009	XX	GW202A112	2.9	0.5 U		1000	0.6 U	5.3	1200	940	1000	19	23				
8/5/2009	XX	GW202A132	2.8	0.5 U		1100	2 U	5.2	1300	920	1000	14	24				
8/5/2009	XD	GWDP1X12A	2.7	0.5 U		1100	2	4.9	1300		1000	18	23				
10/20/2009	XX	GW202A14A	2.2	0.5 U		980	1.9	4.7	840	910	970	19	23				
5/26/2010	XX	GW202A16B	2.4	0.5 U		890	1.8	4	1100	880	920	11	19				
8/2/2010	XX	GW202A18C	2.3	0.5 UH		930	1.4	4.2	1000	920	980	15	22				
10/12/2010	XX	GW202A1A0	2.8	0.5 U		970	1.7	4.5	860	920	990	19	23				
5/17/2011	XX	GW202A1DJ	2.1	0.5 U		990	5 U	3.8	920	920	920	20	26				
8/10/2011	XX	GW202A1FA	2.7	0.2 U		910	2.4 J	5.2	870	920	920	16	23				
8/10/2011	XD	GWDP1X1G7	2.6	0.2 U		890	2.8 J	4.3	860	950	950	16	22				
11/3/2011	XX	GW202A1H1	2.9	0.2 U		960	2.7	5.8	820	990	990	16	22				
5/16/2012	XX	GW202A1IF	2.6	0.5 U		940	2.5 U	1 U	820	860	860	11.1	20				
8/15/2012	XX	GW202A208	2.9	0.25 U		920	2.5 U	4.3	770	890	890	12.4	17				
10/31/2012	XX	GW202A222	3.4	0.25 U		940	2.5	4.1	840	960	960	12	18				
5/20/2013	XX	GW202A23G	2.7	0.25 U		950	2.5 U	4.4	780	930	930	11	18				
7/23/2013	XX	GW202A25A	2.9	0.25 U		920	2.5 U	4.2	790	890	890	10	16				
10/2/2013	XX	GW202A274	3.1	0.25 U		910	2.6	4.3	790	930	930	10	16				
6/3/2014	XX	GW202A28I	3.4	0.05 U		940	4 U	1 U	818	890	890	8.9	18				
8/19/2014	XX	GW202A2AC	3.8	0.05 U		940	4 U	1 U	812	910	910	9	17				
11/12/2014	XX	GW202A2C6	4.1	0.05 U		950	4 U	1 U	846	940	940	9.1	18				

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

(202AR)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
6/2/2015	XX	GW202A2E2	3.3	0.05 U		960	4.8	1 U	813	880	880	8.9	22				
9/2/2015	XX	GW202A2FH	3.6	0.05 U		910	4 U	1 U	864	870	870	9.8	18				
11/3/2015	XX	GW202A2HB	3.5	0.05 U		950	4 U	1.6	839	930	930	9.6	18				
6/14/2016	XX	GW202A311	3.1	0.05 U		900	4.4	1 U	815	830	830	7.5	17				
9/22/2016	XX	GW202A32F	3.5	0.05 U		900	4 U	1 U	800	810	810	8.6	18				
11/9/2016	XX	GW202A349	3.5	0.05 U		840	4 U	1 U	818	900	900	9.7	16				
6/13/2017	XX	GW202A364	3.6	0.05 U		920	4 U	1 U	822	870	870	9.4	18				
8/30/2017	XX	GW202A37I	3.7	0.05 U		900	4 U	1 U	801	880	880	8.9	16				
11/16/2017	XX	GW202A39C	3.5	0.05 U		860	4 U	1 U	822	830	830	8.6	17				
6/20/2018	XX	GW202A3B7	3.5	0.05 U		920	4 U	1 U	849	900	900	8.8	18				
8/14/2018	XX	GW202A3DG	3.6	0.05 U		920	4 U	1.1	802	890	890	8.9	16				
6/4/2019	XX	GW202A3GA	3.5	0.05 U		950	4 U	1 U	804	860	860	9.2	15				
8/13/2019	XX	GW202A3IJ	3.4	0.05 U		880	4 U	1 U	802	910	910	9.4	18				
10/24/2019	XX	GW202A3JI	3.2	0.05 U		860	5.6	1 U	784	850	850	9.5	15				
6/16/2020	XX	GW202A41D	3	0.05 U		920	4 U	1 U	795	940	940	9.3	15				
8/5/2020	XX	GW202A442	3.2	0.05 U		850	4.4	2.1	874	860	860	9.5	15				
10/22/2020	XX	GW202A451	3.6	0.05 U		880	4 U	1 U	864	870	870	9.8	14				
202B																	
4/27/2000	XX	202BXX36643	1.9	1.4		538	247	6.7	478.6	410	474.7	10.4	20.6				
8/2/2000	XX	202BXX36740	3	1.7		986	7	7	840.3	810	923.1	19.2	35.5				
10/24/2000	XX	202BXX36823	2.52	2.8		1241	56	5.5	962.4	1100	1196.9	24.6	55.3				
5/9/2001	XX	202BXX37020	1.35	2.2		752	6	8.2	599.7	660	692.5	13.4	33.9				
7/25/2001	XX	202BXX37097	0.424	1 U		1200	10	5.8	1001.5	1130	1130	15.2	37.5				
10/16/2001	XX	202BXX37180	1.04	3.2		1021	8	14.4	779.5	904	910	11.8	42.2				
5/16/2002	XX	202BXX37392	1.15	1 U		695	1	9.1	648.8	530	635	10.1	28.3				
7/31/2002	XX	202BXX37468	1.71	1 U		1008	1	15.2	879.5	847.5	916	17.2	33.5				
10/16/2002	XX	202BXX37545	1.47	1.7		1039	15	17.3	893.2	850	952	17.2	37.8				
6/17/2003	XX	202BXX37789	2	2 U		670	20	10	350	590	640	11	23				
8/6/2003	XX	202BXX37839	2.1	2 U		820	1 U	12	930	720	750	15	23				
10/8/2003	XX	202BXX37902	2.8	4.4		920	1 U	12	860	780	830	16	27				
4/28/2004	XX	202BXX38105	1.8	2 U		630	1 U	8.9	730	540	560	11	22				
8/11/2004	XX	202BXX38210	4.6	2 U		870	1 U	9.7	990	880	960	17	30				
10/12/2004	XX	202BXX38272	4.9	2 U		1000	1 U	9	1100	920	1000	33	31				
5/19/2005	XX	GW202B00A	2.6	2 U		510	4	6.5	530	440	480	7.1	15				
8/4/2005	XX	GW202B022	4	2 U		770	22	8	720	680	710	13	9.4				
10/25/2005	XX	GW202B03E	2.3	2 U		660	22	7.2	580	680	730	12	25				
5/9/2006	XX	GW202B08A	0.2 U	2 U		500	5	5.7	590	470	500	10	14				
7/25/2006	XX	GW202B06I	3.8	2 U		560	21	6.2	690	540	570	11	17				
10/19/2006	XX	GW202B056	2.8	2 U		810	43	6	830	780	810	14	22				
5/10/2007	XX	GW202B0A2	2.2	0.5 U		500	17	4.3	490	520	550	4.9	12				
5/10/2007	XD	GWDP1X0EA	2.4	0.5 U		510	51	4.4	480		540	4.6	12				
8/6/2007	XX	GW202B0BF	5.4	0.5 U		770	540	4.9	800	740	770	47	21				
10/25/2007	XX	GW202B0D7	1.2	1.2		680	32	6.4	640	640	680	14	20				
5/29/2008	XX	GW202B0FF	1.6	0.5 U		440	9.7	5.3	460	440	460	12	9.6				
8/26/2008	XX	GW202B0HF	1.8	0.5 U		470	19	4.9	410	460	490	8.1	11				
10/16/2008	XX	GW202B0J3	1.9	0.5 U		640	22	5.8	490	640	670	16	18				
5/4/2009	XX	GW202B113	2.1	10		480	41	33	580	430	460	9	44				
8/5/2009	XX	GW202B133	2.4	0.5 U		490	9.6	4.3	630	450	480	8.6	12				
10/20/2009	XX	GW202B14B	1.9	0.5 U		640	1 U	5.4	480	660	700	16	21				

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

(202B)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
5/26/2010	XX	GW202B16C	1.9	0.5 U		490	12	4.3	490	470	500	12	13				
8/2/2010	XX	GW202B18D	2.7	0.5 UH		680	46	4.8	170	670	700	13	19				
10/12/2010	XX	GW202B1A1	0.2 U	2.6		570	2.8	4.9	440	480	500	12	15				
5/17/2011	XX	GW202B1E0	1.1	0.5 U		380	4.2 U	4.7	240	370	370	7.5	9.6				
8/10/2011	XX	GW202B1FB	2.1	0.2 U		690	4.6	7.6	550	720	720	15	22				
11/3/2011	XX	GW202B1H2	1.8	0.2 U		480	4.2	6.5	420	500	500	11	11				
5/16/2012	XX	GW202B1IG	1.5	0.5 U		390	5	4.9	360	400	400	5.66	7.7				
8/15/2012	XX	GW202B209	2.3	0.25 U		650	2.5 U	5.7	580	660	660	10.5	15				
10/31/2012	XX	GW202B223	1.2	0.25 U		380	8.8	3.8	400	400	400	8.4	8.3				
5/20/2013	XX	GW202B23H	1.4	0.25 U		430	14	4.3	350	420	420	5.9	8.3				
7/23/2013	XX	GW202B25B	1.8	0.25 U		460	19	4.4	400	480	480	6.7	9.6				
10/2/2013	XX	GW202B275	2.3	0.25 U		550	4.5	4.5	410	580	580	7.4	12				
6/3/2014	XX	GW202B28J	2	0.05 U		490	16	4	383	460	460	4.6	12				
8/19/2014	XX	GW202B2AD	3.3	0.05 U		760	84	1 U	644	730	730	8.5	17				
11/12/2014	XX	GW202B2C7	2.1	1.2		710	12	1.7	624	700	700	7.7	18				
6/2/2015	XX	GW202B2E3	1.7	0.05 U		440	26	6.2	347	390	390	4	10				
9/2/2015	XX	GW202B2FI	3.3	0.05 U		760	29	3.3	694	710	710	9.8	17				
11/3/2015	XX	GW202B2HC	2.7	0.1		620	10	1.2	562	600	600	7.3	15				
6/14/2016	XX	GW202B312	1.8	0.05 U		480	8	3.3	404	410	410	4.4	10				
9/22/2016	XX	GW202B32G	I	I		I	I	I	I	I	I	I	I				
11/9/2016	XX	GW202B34A	I	I		I	I	I	I	I	I	I	I				
6/13/2017	XX	GW202B365	1.6	0.05 U		560	5.6	8.4	472	480	480	5.4	13				
8/30/2017	XX	GW202B37J	I	I		I	I	I	I	I	I	I	I				
11/16/2017	XX	GW202B39D	1.9	0.16		720	14	15	673	670	670	9.2	17				
6/20/2018	XX	GW202B3B8	2	0.05 U		550	17	19	398	510	510	5.2	13				
8/14/2018	XX	GW202B3DH	2.9	0.35		780	4 U	27	675	730	730	7.5	14				
11/27/2018	XX	GW202B3EG	2.2	0.14		710	13	23	674	690	700	8	17				
6/4/2019	XX	GW202B3GB	1.5	0.05 U		390	8.8	15	320	360	360	3.7	6.5				
8/13/2019	XX	GW202B3J0	2.6	0.052		600	4 U	18	539	610	610	6.9	14				
10/24/2019	XX	GW202B3JJ	2.3	0.24		620	6.8	16	446	570	570	7.3	14				
6/16/2020	XX	GW202B41E	!	!		!	!	!	!	!	!	!	!				
8/5/2020	XX	GW202B443	!	!		!	!	!	!	!	!	!	!				
10/22/2020	XX	GW202B452	!	!		!	!	!	!	!	!	!	!				
205A																	
4/27/2000	XX	205AXX36643	0.217	1.7		265	6	8.9	222.7	160	189.9	3	30.9				
8/2/2000	XX	205AXX36740	0.348	1.8		435	5	6.4	307.78	280	322.2	4.9	57				
10/25/2000	XX	205AXX36824	0.297	2		351	1	3.1	200.6	230	240.4	4.7	52.8				
5/9/2001	XX	205AXX37020	0.157	3		382	1	6.3	235.2	235	252	5	62.1				
7/25/2001	XX	205AXX37097	0.1 U	1 U		372	1	8.3	249.3	230	253	3.4	48				
10/17/2001	XX	205AXX37181	0.147	1 U		319	1	4.9	237.3	215	222	3.1	54.9				
5/15/2002	XX	205AXX37391	0.184	1 U		510	1 U	5.3	380.9	330	376	5	74.5				
8/1/2002	XX	205AXX37469	0.1 U	1 U		452	3	7.6	292.4	280	309	63.7	53				
10/16/2002	XX	205AXX37545	0.173	1 U		405	3	5.9	274.9	270	296	4.3	59.8				
6/19/2003	XX	205AXX37791	0.42	2 U		460	4	11	480	370	390	5.6	57				
8/20/2003	XX	205AXX37853	0.34	2 U		320	3	8.8	340	290	310	5.2	45				
10/9/2003	XX	205AXX37903	0.29	2 U		240	1 U	9.4	330	230	250	4.9	41				
4/27/2004	XX	205AXX38104	0.2 U	2 U		290	1 U	9.2	400	260	270	7.7	45				
8/12/2004	XX	205AXX38211	0.46	2 U		260	1 U	12	610	190	200	3.9	34				
10/14/2004	XX	205AXX38274	0.2 U	2 U		320	1 U	9.3	330	230	250	6	47				

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

(205A)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L				
5/17/2005	XX	GW205A00B	0.34	2 U		95	1 U	10	450	260	290	4.3	48				
8/4/2005	XX	GW205A023	0.55	2 U		390	1 U	10	440	230	250	5.7	38				
10/27/2005	XX	GW205A03F	0.2 U	2 U		320	3.5	8.8	410	280	310	4.5	42				
5/9/2006	XX	GW205A08B	0.2 U	2 U		400	3.5	11	480	340	360	4.4	40				
7/25/2006	XX	GW205A06J	0.3	2 U		540	3	12	580	480	500	5.7	43				
10/23/2006	XX	GW205A057	0.35	2 U		370	2	9.4	330	270	290	3.3	35				
5/14/2007	XX	GW205A0A3	0.2 U	2 U		520	3.5	11	460	480	500	2.2	39				
8/16/2007	XX	GW205A0BG	0.5 U	0.5 U		490	1.7	9	410	380	40	14	37				
8/16/2007	XD	GWDP1X0EE	0.5 U	0.5 U		480	1.8	9.2	380		38	9.8	37				
10/25/2007	XX	GW205A0D8	0.2 U	0.5 U		400	1.9	9.7	400	330	350	4.2	39				
5/29/2008	XX	GW205A0FG	0.2 U	0.5 U		530	1.9	11	510	470	500	7.8	36				
8/12/2008	XX	GW205A0HG	0.2 U	0.5 U		550	2.1	11	450	480	500	4.9	33				
10/16/2008	XX	GW205A0J4	0.2 U	0.5 U		470	1.6	11	410	420	440	5.8	32				
10/16/2008	XD	GWDP2X107	0.2 U	0.5 U		480	2.3	12	410		440	5.3	32				
5/4/2009	XX	GW205A114	0.2 U	10		530	2.9	33	520	425	450	5.8	44				
8/5/2009	XX	GW205A134	0.2 U	0.5 U		530	2 U	11	560	440	470	4.9	33				
10/20/2009	XX	GW205A14C	0.2 U	0.5 U		430	1 U	12	350	360	380	4.6	33				
5/26/2010	XX	GW205A16D	0.2 U	0.5 U		480	1.4	10	480	390	410	5.4	29				
5/26/2010	XD	GWDP2X160	0.2 U	0.5 U		460	2	9.6	400		410	5	28				
8/3/2010	XX	GW205A18E	0.2 U	0.5 U		430	2.1	11	350	350	360	3.9	33				
10/13/2010	XX	GW205A1A2	0.2 U	0.5 U		360	1.2 U	9.9	240	240	260	2.3	34				
5/17/2011	XX	GW205A1E1	0.2 U	0.5 U		440	4.2 U	10	380	380	380	4.1	35				
8/9/2011	XX	GW205A1FC	0.08 U	0.2 U		450	1.5 J	10	250	380	380	4	39				
11/3/2011	XX	GW205A1H3	0.12 J	0.2 U		390	1.16 J	10	300	330	330	4	35				
5/16/2012	XX	GW205A1IH	0.2 U	0.5 U		320	2.5 U	13	250	240	240	2.15	36				
8/16/2012	XX	GW205A20A	0.2 U	0.25 U		380	2.6 U	9.5	270	290	290	3.09	37				
10/30/2012	XX	GW205A224	0.2 U	0.25 U		300	2.5 U	7.8	260	240	240	2.2	37				
5/20/2013	XX	GW205A23I	0.2 U	0.25 U		320	2.5 U	9.2	210	230	230	1.7	41				
7/23/2013	XX	GW205A25C	0.2 U	0.25 U		340	2.5 U	8.8	240	230	230	2.2	41				
10/2/2013	XX	GW205A276	0.2 U	0.25 U		270	2.5 U	7.8	190	190	190	1.7	41				
6/3/2014	XX	GW205A290	0.24	0.05 U		310	4 U	8.8	188	190	190	1.4	43				
8/19/2014	XX	GW205A2AE	0.32	0.05 U		340	4 U	7.3	234	200	210	1.5	44				
11/12/2014	XX	GW205A2C8	0.34	0.05 U		290	4 U	8.2	216	200	200	1.4	40				
6/2/2015	XX	GW205A2E4	0.18	0.05 U		300	4 U	8.5	211	200	200	1.4	42				
9/2/2015	XX	GW205A2FJ	0.35	0.05 U		270	4 U	7.9	216	190	190	1.5	39				
11/3/2015	XX	GW205A2HD	0.37	0.05 U		250	4 U	8.2	218	190	190	1.5	43				
6/14/2016	XX	GW205A313	0.2	0.05 U		310	4 U	9.5	233	200	200	1.4	44				
9/21/2016	XX	GW205A32H	0.34	0.05 U		280	4 U	8.5	206	170	170	2.1	42				
11/9/2016	XX	GW205A34B	0.32	0.05 U		260	4 U	7.7	220	200	200	2	40				
6/13/2017	XX	GW205A366	0.1 U	0.05 U		340	4 U	10	220	200	200	1.4	40				
8/30/2017	XX	GW205A380	0.19	0.05 U		320	4 U	9.3	228	210	210	1.3	40				
11/16/2017	XX	GW205A39E	0.36	0.05 U		260	4 U	7.7	213	180	180	1.3	41				
6/19/2018	XX	GW205A3B9	0.1 U	0.05 U		340	4 U	11	228	220	220	1.1	40				
8/14/2018	XX	GW205A3DI	0.18	0.05 U		300	4 U	8.9	210	190	190	1.4	44				
11/27/2018	XX	GW205A3EH	0.14	0.075		240	4 U	9.3	199	170	170	1.5	40				
6/4/2019	XX	GW205A3GC	0.1 U	0.05 U		300	4 U	9.4	217	200	200	1.3	38				
8/13/2019	XX	GW205A3J1	0.13	0.05 U		280	4 U	7.9	215	210	210	1.3	41				
10/23/2019	XX	GW205A400	0.29	0.05 U		250	4 U	7.5	212	170	170	1.6	38				
6/16/2020	XX	GW205A41F	0.12	0.05 U		290	4 U	7.4	219	230	230	1.2	38				
8/5/2020	XX	GW205A444	0.13	0.05 U		260	4 U	6.8	225	220	220	1.5	36				

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

(205A)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
10/20/2020	XX	GW205A453	0.16	0.05 U		270	4 U	7.1	215	180	180	1.3	36				
205B																	
4/27/2000	XX	205BXX36643	0.1 U	1.3		215	36	11.5	184.1	150	172.7	2.3	3.5				
8/2/2000	XX	205BXX36740	0.1 U	1.1		226	2	13.2	166.6	160	169.7	2.8	3.4				
10/25/2000	XX	205BXX36824	0.1 U	1.4		254	1 U	11.5	168.8	210	214.1	3.4	4.7				
5/9/2001	XX	205BXX37020	0.1 U	2.3		413	1	12.4	290.1	360	366	3.5	7.1				
7/25/2001	XX	205BXX37097	0.1 U	1 U		295	2	9.5	218.1	229	244	2.7	8.3				
10/17/2001	XX	205BXX37181	0.1 U	1 U		418	1 U	9.8	352	345	364	3	20.5				
5/15/2002	XX	205BXX37391	0.1 U	1 U		547	1	13.2	430.3	330	478	4.3	33.6				
8/1/2002	XX	205BXX37469	0.1 U	1 U		507	2	9.6	403.9	400	430	90.6	23.1				
10/16/2002	XX	205BXX37545	0.1 U	1 U		664	2	14.6	540.7	540	586	6.4	34.4				
6/19/2003	XX	205BXX37791	0.2 U	2 U		410	1 U	12	440	350	370	4.4	13				
8/19/2003	XX	205BXX37852	0.2	2 U		280	1 U	11	330	280	300	3	8.6				
10/9/2003	XX	205BXX37903	0.2 U	2 U		330	1 U	11	340	290	310	3.3	7.9				
4/27/2004	XX	205BXX38104	0.2 U	2 U		250	1 U	12	260	220	220	3	8.4				
8/12/2004	XX	205BXX38211	0.2 U	2 U		210	1 U	13	220	195	210	2	6.1				
10/14/2004	XX	205BXX38274	0.2 U	2 U		220	1 U	11	230	210	230	4.5	5.8				
5/17/2005	XX	GW205B00C	0.2 U	2 U		280	1 U	12	400	200	220	2.9	6				
8/4/2005	XX	GW205B024	0.46	2 U		240	1 U	11	170	155	160	1.5	2.4				
10/27/2005	XX	GW205B03G	0.2 U	2 U		300	1 U	12	500	315	340	3.2	6.2				
5/9/2006	XX	GW205B08C	0.2 U	2 U		200	4	12	330	195	210	2	2.9				
7/25/2006	XX	GW205B070	0.2 U	2 U		140	1 U	11	170	135	140	1.6	2 U				
10/19/2006	XX	GW205B058	0.2 U	2 U		130	1 U	9.8	110	105	110	1.2	2 U				
5/14/2007	XX	GW205B0A4	0.2 U	2 U		260	1 U	11	310	250	270	1 U	2 U				
8/16/2007	XX	GW205B0BH	0.2 U	0.5 U		240	1 U	10	240	200	220	5.8	2 U				
10/25/2007	XX	GW205B0D9	0.2 U	0.5 U		210	1 U	10	200	170	180	2.2	2 U				
5/27/2008	XX	GW205B0FH	0.2 U	0.5 U		240	1 U	10	230	190	210	2.9	2 U				
5/27/2008	XD	GWDP2X0F3	0.2 U	0.5 U		230	1 U	10	220		220	3.4	2 U				
8/12/2008	XX	GW205B0HH	0.2 U	0.5 U		340	1 U	10	280	300	320	2.5	2 U				
10/16/2008	XX	GW205B0J5	0.2 U	0.5 U		160	1 U	10	160	120	130	2.1	2 U				
5/4/2009	XX	GW205B115	0.2 U	0.5 U		280	0.6 U	10	310	220	230	2.6	2 U				
8/5/2009	XX	GW205B135	0.2 U	0.5 U		270	2 U	10	370	260	280	2.4	2 U				
10/20/2009	XX	GW205B14D	0.2 U	0.5 U		160	1 U	8.9	120	125	130	1.9	2 U				
10/20/2009	XD	GWDP1X15E	0.2 U	0.5 U		160	1 U	9.3	130		130	1.9	2 U				
5/26/2010	XX	GW205B16E	0.2 U	0.5 U		170	1 U	8.1	200	155	160	2.3	2 U				
8/3/2010	XX	GW205B18F	0.2 U	0.5 U		170	2.5 U	7.8	180	140	150	2.1	2 U				
8/3/2010	XD	GWDP1X180	0.2 U	0.5 U		170	1.1 U	7.9	160		150	2.1	2 U				
10/13/2010	XX	GW205B1A3	0.2 U	0.5 U		160	1.1 U	6.4	120	135	140	2	2 U				
5/17/2011	XX	GW205B1E2	0.2 U	0.5 U		260	4.2 U	7.9	190	240	240	2.1	2 U				
8/9/2011	XX	GW205B1FD	0.08 U	0.2 U		130	0.38 U	6.4	97	100	100	1.4	1.2 U				
11/3/2011	XX	GW205B1H4	0.082 U	0.22 J		130	0.32 U	6.8	110	130	130	1.6	1.2 U				
5/16/2012	XX	GW205B1II	0.2 U	0.5 U		140	2.5 U	6.1	120	120	120	1.09	2 U				
8/16/2012	XX	GW205B20B	0.2 U	0.331		140	2.5 U	6.3	100	110	110	1.54	0.5 U				
10/30/2012	XX	GW205B225	0.2 U	0.25 U		170	2.5 U	4.9	190	180	180	1.4	0.5 U				
5/20/2013	XX	GW205B23J	0.2 U	0.25 U		150	2.5 U	6.2	100	120	120	1.3	0.5 U				
7/23/2013	XX	GW205B25D	0.2 U	0.26		170	2.5 U	6.2	120	130	130	1.5	0.52				
10/2/2013	XX	GW205B277	0.2 U	0.25 U		130	2.5 U	5.1	110	120	120	0.98	0.5 U				
6/3/2014	XX	GW205B291	0.1 U	0.05 U		170	4 U	5.1	194	140	140	1 U	2				
8/19/2014	XX	GW205B2AF	0.1 U	0.05 U		140	4 U	4.2	128	130	130	1 U	4.3				

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

(205B) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L				
11/12/2014	XX	GW205B2C9	0.1 U	0.05 U		170	4 U	4	158	150	150	1 U	2.9				
6/2/2015	XX	GW205B2E5	0.1 U	0.05 U		170	4 U	4.6	120	110	110	1 U	3.2				
9/2/2015	XX	GW205B2G0	0.1 U	0.091		120	4 U	4.5	108	100	100	1 U	2.1				
11/3/2015	XX	GW205B2HE	0.1 U	0.079		160	4 U	4.7	153	150	150	1 U	2 U				
6/14/2016	XX	GW205B314	0.1 U	0.08		140	4 U	6.9	114	110	110	1 U	2 U				
9/21/2016	XX	GW205B32I	0.1 U	0.05 U		140	4 U	4.9	87.7	87	87	1 U	3				
11/9/2016	XX	GW205B34C	0.1 U	0.05 U		91	4 U	4.6	93	97	97	1.1	2.4				
6/13/2017	XX	GW205B367	0.1 U	0.05 U		210	4 U	4.5	166	160	160	1 U	2.3				
8/30/2017	XX	GW205B381	0.5	0.05 U		130	4 U	3.9	103	110	110	1 U	2 U				
11/16/2017	XX	GW205B39F	0.12	0.05 U		200	4 U	2.7	165	160	160	1 U	4.3				
6/19/2018	XX	GW205B3BA	0.1 U	0.05 U		220	4 U	5.7	135	140	140	1 U	2 U				
8/14/2018	XX	GW205B3DJ	0.1 U	0.05 U		160	4 U	3.8	117	110	110	1 U	2 U				
11/27/2018	XX	GW205B3EI	0.1 U	0.05 U		160	4 U	4.2	170	160	160	1 U	2.6				
6/4/2019	XX	GW205B3GD	0.1 U	0.05 U		220	4 U	4.3	202	190	190	1.1	2 U				
8/13/2019	XX	GW205B3J2	0.1 U	0.05 U		130	4 U	3.6	96.5	110	110	1 U	2.6				
10/23/2019	XX	GW205B401	0.1 U	0.05 U		170	4 U	3.9	148	140	140	1.2	2 U				
6/16/2020	XX	GW205B41G	0.1 U	0.05 U		150	4 U	4.3	133	140	140	1 U	2 U				
8/5/2020	XX	GW205B445	0.1 U	0.05 U		130	4 U	3.9	118	110	110	1 U	2 U				
10/20/2020	XX	GW205B454	0.1 U	0.05 U		130	4 U	3.6	97.4	99	99	1 U	2 U				
206A																	
4/27/2000	XX	206AXX36643	21	2		774	16	8.4	545.3	135	141.4	14.7	24.2				
8/2/2000	XX	206AXX36740	20.8	3.3		1605	9	11.1	1218.2	1350	1531.2	33.8	70.7				
10/25/2000	XX	206AXX36824	29.1	5.1		1971	24	1.8	1468	1850	1948.7	48.5	95.3				
5/8/2001	XX	206AXX37019	34.2	4		1480	4	10.4	902.9	1100	1225	27.6	56.5				
7/25/2001	XX	206AXX37097	34.2	1 U		1862	13	10.5	1419.5	1680	1715	29.4	62.7				
10/17/2001	XX	206AXX37181	49.3	1 U		2088	33	1 U	1375.2	1997	2010	37.6	101				
5/16/2002	XX	206AXX37392	28.5	1 U		1065	2	13.5	817.5	990	1010	14.4	46.3				
8/1/2002	XX	206AXX37469	38.6	1.4		1682	14	11.5	1157.3	1440	1558	334.4	71.2				
10/17/2002	XX	206AXX37546	40.3	1 U		1943	31	8.8	1436.9	1850	1912	41.7	102				
6/19/2003	XX	206AXX37791	36	2 U		920	46	15	1000	1000	1100	4.9	38				
8/18/2003	XX	206AXX37851	33	2 U		1100	35	13	1000	1150	1200	25	33				
10/13/2003	XX	206AXX37907	38	2 U		1100	43	12	960	1040	1100	30	30				
4/29/2004	XX	206AXX38106	38	2 U		1100	51	11	1100	1020	1100	30	40				
8/16/2004	XX	206AXX38215	54	2 U		1700	58	8.5	1300	1560	1600	32	50				
10/12/2004	XX	206AXX38272	48	2 U		1300	17	9.2	1300	1400	1500	53	42				
5/17/2005	XX	GW206A00D	31	2 U		1100	48	8	1000	1320	1500	19	35				
8/15/2005	XX	GW206A025	45	2 U		1400	80	7.7	1200	1400	1400	33	46				
10/24/2005	XX	GW206A03H	37	2 U		1100	63	7.6	1100	1140	1200	29	36				
5/11/2006	XX	GW206A08D	48	2 U		1200	61	7.2	1500	1220	1300	30	37				
7/26/2006	XX	GW206A071	45	2 U		1100	65	8.1	740	1000	1100	24	27				
10/23/2006	XX	GW206A059	29	2 U		1100	60	6.3	1000	1160	1200	31	33				
5/14/2007	XX	GW206A0A5	31	2 U		960	52	6.2	980	115	1200	17	26				
5/14/2007	XD	GWDP2X0EB	32	2 U		880	45	6.1	930		1300	17	26				
8/16/2007	XX	GW206A0BI	34	0.5 U		1400	70	3.6	470	1440	1500	65	40				
10/29/2007	XX	GW206A0DA	30	0.5 U		1400	80	6.4	1500	1400	1500	48	44				
5/27/2008	XX	GW206A0FI	28	0.5 U		1000	58	5.5	1000	1030	1100	36	26				
5/27/2008	XD	GWDP1X0F2	28	0.5 U		1000	61	5.3	930		1200	35	26				
8/13/2008	XX	GW206A0HI	20	0.5 U		980	54	5.8	790	1000	1100	26	25				
10/20/2008	XX	GW206A0J6	19	0.5 U		1200	61	5.5	950	1300	1400	37	34				

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

(206A)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
5/5/2009	XX	GW206A116	32	0.5 U		970	26	5	910	950	1100	32	21				
8/6/2009	XX	GW206A136	26	0.5 U		880	44	13	1200	900	980	28	19				
8/6/2009	XD	GWDP2X12B	28	0.5 U		880	49	13	1300		970	24	19				
10/21/2009	XX	GW206A14E	34	0.5 U		1000	66	4.3	910	1120	1200	47	32				
5/27/2010	XX	GW206A16F	28	0.5 U		980	70	5.5	710	1000	1100	19	24				
8/3/2010	XX	GW206A18G	35	0.5 U		1100	55	3.9	1000	1200	1300	36	31				
10/13/2010	XX	GW206A1A4	25	0.5 U		770	47	6.6	620	880	930	31	22				
10/13/2010	XD	GWDP1X1B4	25	0.5 U		820	50	6.8	670		920	28	22				
5/17/2011	XX	GW206A1E3	23	0.5 U		760	42	5	630	810	810	24	19				
8/9/2011	XX	GW206A1FE	29	0.2 U		1300	91	4	1000	1400	1400	47	43				
11/3/2011	XX	GW206A1H5	27	0.2 U		1000	59	4.9	790	1100	1100	36	25				
5/16/2012	XX	GW206A1IJ	26	0.5 U		720	45	4.5	670	830	830	17.1	15				
8/15/2012	XX	GW206A20C	25	0.25 U		1200	77	3.7	940	1200	1200	28.3	26				
10/30/2012	XX	GW206A226	29	0.25 U		630	20	3.9	810	700	700	21	15				
5/20/2013	XX	GW206A240	29	0.25 U		990	65	3.7	740	1100	1100	20	19				
7/23/2013	XX	GW206A25E	24	0.25 U		950	29	2.7	590	1000	1000	14	19				
10/2/2013	XX	GW206A278	29	0.25 U		1000	77	2.8	860	1200	1200	23	23				
6/3/2014	XX	GW206A292	22	0.05 U		1000	61	1 U	465	1100	1100	8.2	22				
8/20/2014	XX	GW206A2AG	37	0.05 U		1200	91	1 U	1040	1400	1400	26	33				
11/11/2014	XX	GW206A2CA	3.1	0.05 U		440	11	1 U	107	450	450	1.2	19				
6/2/2015	XX	GW206A2E6	29	0.05 U		900	52	1.4	748	920	920	18	24				
9/2/2015	XX	GW206A2G1	36	0.05 U		1100	82	1 U	1090	1200	1200	30	30				
11/3/2015	XX	GW206A2HF	15	0.05 U		820	45	1 U	307	870	870	10	21				
6/15/2016	XX	GW206A315	28	0.1 U		1000	71	7.4	794	980	980	15	22				
9/21/2016	XX	GW206A32J	40	0.05 U		1300	75	2.2	1100	1300	1300	27	34				
11/9/2016	XX	GW206A34D	42	0.05 U		1400	94	1.4	1240	1400	1400	32	39				
6/13/2017	XX	GW206A368	28	0.05 U		1000	44	1 U	778	970	970	18	21				
8/30/2017	XX	GW206A382	39	0.05 U		1400	64	1 U	1080	1400	1400	30	34				
11/15/2017	XX	GW206A39G	41	0.5 U		1200	60	1.1	1220	1400	1400	29	30				
6/19/2018	XX	GW206A3BB	32	0.05 U		1000	76	3.4	863	1100	1100	21	23				
8/14/2018	XX	GW206A3E0	41	0.25 U		1300	48	1	1030	1400	1400	26	32				
11/27/2018	XX	GW206A3EJ	36	0.05 U		840	45	9.8	776	36	36	22	27				
6/4/2019	XX	GW206A3GE	23	0.2		730	24	2.3	614	810	810	17	16				
8/13/2019	XX	GW206A3J3	39	0.05 U		1200	90	1 U	1020	1200	1200	27	27				
10/23/2019	XX	GW206A402	47	0.05 U		1200	96	1 U	1320	1600	1600	34	30				
6/16/2020	XX	GW206A41H	32	0.05 U		1000	44	1 U	755	1300	1300	20	20				
8/5/2020	XX	GW206A446	36	0.05 U		1100	75	2.4	936	1300	1300	24	27				
10/20/2020	XX	GW206A455	46	0.05 U		1400	45	1 U	1300	1600	1600	34	32				
206B																	
4/27/2000	XX	206BXX36643	0.1 U	1 U		48	22	12.5	23.3	10.5	11.1	3.7	2.5				
8/2/2000	XX	206BXX36740	D	D			D	D	D	D	D	D	D				
10/25/2000	XX	206BXX36824	D	D			D	D	D	D	D	D	D				
5/8/2001	XX	206BXX37019	0.1 U	1.4		55	1	13.8	22.1	8	8	2.5	2.4				
7/25/2001	XX	206BXX37097	D	D			D	D	D	D	D	D	D				
10/17/2001	XX	206BXX37181	D	D			D	D	D	D	D	D	D				
5/16/2002	XX	206BXX37392	0.1 U	1.2		88	2	17.4	47.8	44	48	2.5	2.2				
7/29/2002	XX	206BXX37466	D	D		D	D	D	D	D	D	D	D				
10/15/2002	XX	206BXX37544	D	D		D	D	D	D	D	D	D	D				
6/17/2003	XX	206BXX37789	0.2 U	2 U		100	1 U	23	89	68	73	1.8	3.8				

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

(206B)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
8/18/2003	XX	206BXX37851	0.21	2 U		56	1	19	68	54	57	2.6	2.3
10/13/2003	XX	206BXX37907	0.2 U	2 U		31	1 U	12	46	34	35	3.1	2 U
4/29/2004	XX	206BXX38106	0.21	2 U		110	1 U	19	88	64	64	1.5	3.1
8/16/2004	XX	206BXX38215	D	D		D	D	D	D	D	D	D	D
10/12/2004	XX	206BXX38272	D	D		D	D	D	D	D	D	D	D
5/17/2005	XX	GW206B00E	0.45	2 U		92	1 U	14	69	57	58	2	2.7
8/15/2005	XX	GW206B026	D	D		D	D	D	D	D	D	D	D
10/24/2005	XX	GW206B03I	0.2 U	2 U		28	1 U	7.3	32	32	33	5.1	2 U
5/11/2006	XX	GW206B08E	0.2 U	2 U		69	1 U	13	68	51	53	1.9	2 U
7/26/2006	XX	GW206B072	0.2	2 U		72	3.2	13	79	64	68	1.6	2.6
10/23/2006	XX	GW206B05A	0.2 U	2 U		50	1 U	6.6	37	39	39	3.1	2 U
5/14/2007	XX	GW206B0A6	0.2 U	2 U		86	1 U	11	82	81	83	1 U	2 U
8/16/2007	XX	GW206B0BJ	D	D		D	D	D	D	D	D	D	D
10/29/2007	XX	GW206B0DB	D	D		D	D	D	D	D	D	D	D
5/27/2008	XX	GW206B0FJ	D	D		D	D	D	D		D	D	D
8/13/2008	XX	GW206B0HJ	0.2 U	0.71		100	1 U	9.9	78	80	82	1.4	2 U
10/20/2008	XX	GW206B0J7	D	D		D	D	D	D	D	D	D	D
5/5/2009	XX	GW206B117	0.2 U	0.85		110	0.6 U	8.9	77	78	79	2.5	2
8/6/2009	XX	GW206B137	0.2 U	0.79		90	2 U	15	66	56	58	2	2
10/21/2009	XX	GW206B14F	0.2 U	0.53		200	1 U	9.5	85	81	85	2.6	2 U
5/27/2010	XX	GW206B16G	D	D		D	D	D	D	D	D	D	D
8/3/2010	XX	GW206B18H	D	D		D	D	D	D	D	D	D	D
10/13/2010	XX	GW206B1A5	0.2 U	0.51		68	1.7	4.5	36	42	42	2.5	2 U
5/17/2011	XX	GW206B1E4	0.2 U	0.5 U		35	4.2 U	2.8	28	28	28	3.4	2 U
8/9/2011	XX	GW206B1FF	D	D		D	D	D	D	D	D	D	D
11/4/2011	XX	GW206B1H6	0.082 U	0.46 J		95	0.32 U	10	67	76	76	2.3	1.2 U
5/16/2012	XX	GW206B1J0	0.2 U	0.5 U		41	2.5 U	4.4	43	37	37	2.41	2 U
8/15/2012	XX	GW206B20D	I	I		I	I	I	I	I	I	I	I
10/30/2012	XX	GW206B227	0.2 U	0.35		66	2.5 U	6	55	54	54	2.6	0.96
5/20/2013	XX	GW206B241	0.2 U	0.37		82	2.5 U	7.2	35	57	57	1.3	0.85
7/24/2013	XX	GW206B25F	0.2 U	0.54		84	3.4	6.6	62	66	66	1.5	1.2
10/2/2013	XX	GW206B279	0.2 U	0.3		77	2.5 U	6.5	58	58	58	1.2	0.63
6/3/2014	XX	GW206B293	0.1 U	0.82		99	4 U	8.4	75.8	72	72	1.2	3.8
8/20/2014	XX	GW206B2AH	D	D		D	D	D	D	D	D	D	D
11/11/2014	XX	GW206B2CB	0.1 U	0.36		44	4 U	1 U	25.6	30	30	2.8	3.8
6/2/2015	XX	GW206B2E7	0.1 U	0.25		70	4.4	5.1	35.7	38	38	1.5	3.5
9/2/2015	XX	GW206B2G2	I	I		I	I	I	I	I	I	I	I
11/3/2015	XX	GW206B2HG	0.1 U	0.35		59	4 U	2.2	33.2	36	36	2.5	2 U
6/15/2016	XX	GW206B316	0.1 U	0.29		78	12	7.4	58.4	56	56	1 U	2.4
9/21/2016	XX	GW206B330	D	D		D	D	D	D	D	D	D	D
11/9/2016	XX	GW206B34E	D	D		D	D	D	D	D	D	D	D
6/13/2017	XX	GW206B369	0.37	0.28		100	4 U	3.4	52.1	36	36	1.4	2.3
8/30/2017	XX	GW206B383	I	I		I	I	I	I	I	I	I	I
11/15/2017	XX	GW206B39H	0.1 U	0.62		88	4 U	8.7	75.3	66	66	1	3
6/19/2018	XX	GW206B3BC	0.1 U	0.55		110	4 U	9.7	69	70	70	1 U	2.2
8/14/2018	XX	GW206B3E1	I	I		I	I	I	I	I	I	I	I
11/27/2018	XX	GW206B3F0	0.1 U	0.47		39	4 U	13	34.6	36	36	2.1	2.3
6/4/2019	XX	GW206B3GF	0.1 U	0.17		81	4 U	4.1	53	39	39	1.5	2 U
8/13/2019	XX	GW206B3J4	0.1 U	0.45		98	19	7.8	64	64	64	1.2	3
10/23/2019	XX	GW206B403	D	D		D	D	D	D	D	D	D	D

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

(206B) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
6/16/2020	XX	GW206B41I	0.1 U	0.61		95	11	6.9	74.6	77	77	1.1	2 U
8/5/2020	XX	GW206B447	I	I		I	I	I	I	I	I	I	I
10/22/2020	XX	GW206B456	D	D		D	D	D	D	D	D	D	D
301													
5/3/2000	XX	301XX36649	0.1 U	1 U		212	41	9.3	166.3	110	125.2	1.8	28.7
8/9/2000	XX	301XX36747	0.1 U	1 U		219	3	12	126.8	110	129.3	1.8	31.6
11/8/2000	XX	301XX36838	0.1 U	1 U		242	1 U	12.9	125.8	142	143.4	1.7	31.9
5/16/2001	XX	301XX37027	0.1 U	1 U		247	1 U	12.8	161.4	146	148	1.6	35.5
7/31/2001	XX	301XX37103	0.1 U	1 U		245	1	12.7	159.7	150	152	3.8	35.6
10/23/2001	XX	301XX37187	0.1 U	1 U		281	2	14.7	191	160	174	2.5	40
5/21/2002	XX	301XX37397	0.1 U	1 U		293	2	16.3	141.9	175	178	2.2	43.1
8/2/2002	XX	301XX37470	0.1 U	1 U		337	1	16.6	147.4	188	200	2.9	42.6
10/23/2002	XX	301XX37552	0.1 U	1 U		304	1	23.1	205.8	190	208	2.4	43.3
6/24/2003	XX	301XX37796	0.2 U	2 U		300	1 U	19	320	210	230	2.2	37
8/12/2003	XX	301XX37845	0.2 U	2 U		340	1 U	23	320	200	230	2.6	33
10/16/2003	XX	301XX37910	0.2 U	2 U		340	1 U	24	320	230	250	2.9	33
5/5/2004	XX	301XX38112	0.2 U	2 U		370	1 U	23	350	250	270	2.5	31
8/9/2004	XX	301XX38208	0.2 U	2 U		390	1 U	24	320	265	280	2.5	35
10/20/2004	XX	301XX38280	0.2 U	2 U		420	1 U	23	330	260	280	3.4	35
5/11/2005	XX	GW301X00F	0.2 U	2 U		410	1 U	27	360	270	290	4.1	42
7/27/2005	XX	GW301X027	0.2 U	2 U		440	1 U	24	410	280	300	2.8	38
11/7/2005	XX	GW301X03J	0.2 U	2 U		480	3	24	430	320	350	3.5	40
5/1/2006	XX	GW301X08F	0.2 U	2 U		450	3.5	24	450	330	350	3.9	40
7/31/2006	XX	GW301X073	0.2 U	2 U		480	1 U	26	500	330	360	5.1	41
10/26/2006	XX	GW301X05B	0.2 U	2 U		498	1 U	28	390	370	380	3.8	36
5/9/2007	XX	GW301X0A7	0.5 U	0.5 U		500	3.2	27	500	420	442	1.1	38
8/9/2007	XX	GW301X0C0	0.2 U	0.5 U		620	1 U	26	560	400	440	24	42
10/30/2007	XX	GW301X0DC	0.2 U	0.5 U		700	1 U	30	670	490	530	8.2	50
10/30/2007	XD	GWDP3X0F0	0.2 U	0.5 U		680	1 U	30	670		530	7.8	50
6/3/2008	XX	GW301X0G0	0.2 U	0.5 U		660	1 U	26	670	520	580	15	49
8/14/2008	XX	GW301X0I0	0.2 U	0.5 U		700	1 U	25	560	540	570	9	49
8/14/2008	XD	GWDP3X0H4	0.2 U	0.5 U		670	1 U	25	620		570	9.3	49
10/21/2008	XX	GW301X0J8	0.2 U	0.5 U		760	1 U	26	790	550	590	10	58
5/11/2009	XX	GW301X118	0.2 U	0.5 U		700	0.6 U	27	760	550	590	12	61
8/10/2009	XX	GW301X138	0.2 U	0.5 U		770	0.6 U	27	910	550	590	10	62
10/22/2009	XX	GW301X14G	0.2 U	0.5 U		750	1 U	29	690	570	600	15	71
10/22/2009	XD	GWDP3X15G	0.2 U	0.5 U		780	1 U	28	810		600	14	73
6/1/2010	XX	GW301X16H	0.2 U	0.5 U		780	1 U	27	710	580	610	13	77
8/5/2010	XX	GW301X18I	0.2 U	0.5 U		800	1.1 U	25	760	590	630	11	77
10/18/2010	XX	GW301X1A6	0.2 U	0.5 U		850	1.2 U	24	620	600	630	14	94
5/18/2011	XX	GW301X1D9	0.2 U	0.5 U		820	4.2 U	27	710	640	640	13	90
8/9/2011	XX	GW301X1F0	0.08 U	0.2 U		890	0.38 U	25	730	670	670	14	100
11/2/2011	XX	GW301X1GB	0.082 U	0.2 U		810	0.55 J	27	660	640	640	13	87
5/15/2012	XX	GW301X1I5	0.2 U	0.09 U		750	2.5 U	31	680	570	570	8	77
8/14/2012	XX	GW301X1JI	0.2 U	0.25 U		810	3.5	26	620	610	610	8.99	89
10/30/2012	XX	GW301X21C	0.2 U	0.25 U		900	2.5 U	25	790	680	680	8.9	99
5/22/2013	XX	GW301X236	0.2 U	0.25 U		960	2.5 U	26	740	710	710	8.9	100
7/25/2013	XX	GW301X250	0.2 U	0.25 U		1000	2.5 U	24	810	730	730	10	110
10/1/2013	XX	GW301X26E	0.2 U	0.25 U		960	2.5 U	26	740	700	700	9.5	100

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

(301) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
6/4/2014	XX	GW301X288	0.1 U	0.05 U		1000	4 U	28	921	770	780	9.4	100
8/20/2014	XX	GW301X2A2	0.1 U	0.05 U		1100	4 U	28	1010	890	900	11	100
11/11/2014	XX	GW301X2BG	0.1 U	0.05 U		1100	4 U	28	854	830	830	12	110
6/3/2015	XX	GW301X2DC	0.1 U	0.05 U		1100	4 U	24	876	840	840	11	110
9/1/2015	XX	GW301X2F7	0.1 U	0.05 U		1200	4 U	23	1030	820	820	13	100
11/4/2015	XX	GW301X2H1	0.1 U	0.05 U		1100	4 U	22	930	850	850	11	110
6/15/2016	XX	GW301X30B	0.1 U	0.05 U		1100	4 U	25	954	850	850	11	110
9/20/2016	XX	GW301X325	0.1 U	0.05 U		1300	4 U	26	971	910	910	13	110
11/10/2016	XX	GW301X33J	0.1 U	0.05 U		1200	4 U	24	1000	1100	1100	15	95
6/14/2017	XX	GW301X35E	0.1 U	0.05 U		1200	4 U	26	1080	960	960	14	97
8/29/2017	XX	GW301X378	0.1 U	0.05 U		1200	4 U	24	1020	980	980	14	96
11/14/2017	XX	GW301X392	0.1 U	0.1		1200	4 U	29	948	970	970	16	87
6/19/2018	XX	GW301X3AH	0.1 U	0.05 U		1200	4 U	49	972	1000	1000	15	83
8/14/2018	XX	GW301X3D6	0.1 U	0.05 U		1200	4 U	45	1010	1000	1000	16	91
11/28/2018	XX	GW301X3E5	0.1 U	0.05 U		1200	12	47	1050	1100	1100	17	82
6/5/2019	XX	GW301X3G0	0.1 U	0.05 U		1300	4 U	44	1040	1000	1000	17	77
8/13/2019	XX	GW301X3I9	0.1 U	0.05 U		1200	4 U	42	999	1000	1000	17	78
10/23/2019	XX	GW301X3J8	0.1 U	0.05 U		1200	4 U	38	1020	1000	1000	17	69
6/16/2020	XX	GW301X413	0.1 U	0.05 U		1200	4 U	34	984	1100	1100	15	61
8/4/2020	XX	GW301X43C	0.1 U	0.05 U		1000	4 U	34		970	980	16	56
8/4/2020	XX	GW301X43CR							997				
10/21/2020	XX	GW301X44B	0.1 U	0.05 U		1000	4 U	32	1080	1000	1000	16	59
302B													
5/3/2000	XX	302BXX36649	0.1 U	1 U		224	9	11.1	143.9	81	88.9	3.5	50.9
8/9/2000	XX	302BXX36747	0.1 U	1 U		307	1	12.1	175.8	165	181.8	3.1	39.3
11/8/2000	XX	302BXX36838	0.1 U	1 U		303	1 U	12	153	144	147.5	4.3	52.1
5/16/2001	XX	302BXX37027	0.1 U	1 U		368	1	14.5	223.2	210	230	4.1	47.5
7/31/2001	XX	302BXX37103	0.1 U	1 U		300	1	12.8	189.7	158	158	7.4	46.5
10/23/2001	XX	302BXX37187	0.1 U	1 U		314	2	14.8	177.4	158	162	4.3	53.4
5/21/2002	XX	302BXX37397	0.1 U	1 U		394	1 U	19	259.6	200	230	6.3	69.2
8/7/2002	XX	302BXX37475	0.1 U	1 U		438	4	17.7	288.1	265	290	14.7	49.9
10/23/2002	XX	302BXX37552	0.1 U	1 U		362	1 U	20	245.4	230	244	6.7	57.7
6/23/2003	XX	302BXX37795	0.2 U	2 U		530	1 U	39	460	325	350	13	50
8/12/2003	XX	302BXX37845	0.2 U	2 U		460	1 U	27	370	330	360	9.6	39
10/20/2003	XX	302BXX37914	0.27	2 U		500	1 U	45	460	330	350	13	41
5/4/2004	XX	302BXX38111	0.2 U	2 U		540	1 U	63	540	370	390	24	41
8/5/2004	XX	302BXX38204	0.2 U	2 U		520	1 U	37	460	340	360	10	38
10/20/2004	XX	302BXX38280	0.2 U	2 U		520	1 U	36	490	325	350	16	40
5/11/2005	XX	GW302B00G	0.2 U	2 U		600	1 U	78	490	330	350	12	52
7/27/2005	XX	GW302B028	0.2 U	2 U		690	1 U	59	570	390	390	12	43
11/7/2005	XX	GW302B040	0.2 U	2 U		600	3	63	520	390	410	13	50
5/1/2006	XX	GW302B08G	0.2 U	2 U		620	1 U	63	640	415	460	22	51
7/31/2006	XX	GW302B074	0.2 U	2 U		660	1 U	61	630	450	480	17	49
10/25/2006	XX	GW302B05C	0.25	2 U		640	1 U	53	620	480	500	13	45
5/9/2007	XX	GW302B0A8	0.5 U	0.5 U		610	1 U	50	530	440	470	8.2	42
8/9/2007	XX	GW302B0C1	0.2 U	0.5 U		670	1 U	46	550	385	400	34	42
10/30/2007	XX	GW302B0DD	0.2 U	0.5 U		670	1 U	41	630	450	490	16	48
6/2/2008	XX	GW302B0G1	0.2 U	0.5 U		640	1 U	38	530	480	520	32	44
8/14/2008	XX	GW302B0I1	0.2 U	0.5 U		680	1 U	37	570	530	560	23	47

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

(302B) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
10/21/2008	XX	GW302B0J9	0.2 U	0.5 U		680	1 U	40	640	470	490	21	47
10/21/2008	XD	GWDP3X108	0.2 U	0.5 U		680	1 U	40	660		500	22	46
5/11/2009	XX	GW302B119	0.2 U	0.5 U		700	0.6 U	35	720	540	560	28	44
8/10/2009	XX	GW302B139	0.2 U	0.5 U		720	0.6 U	35	670	520	560	24	46
8/10/2009	XD	GWDP3X12C	0.2 U	0.5 U		730	0.6 U	35	680		560	22	45
10/22/2009	XX	GW302B14H	0.2 U	0.5 U		650	1 U	39	520	490	520	22	50
6/1/2010	XX	GW302B16I	0.2 U	0.5 U		700	1.1 U	36	610	510	550	24	49
8/4/2010	XX	GW302B18J	0.2 U	0.5 UH		680	1 U	41	570	520	550	22	52
10/14/2010	XX	GW302B1A7	0.2 U	0.5 U		750	1.1 U	37	490	530	570	22	56
5/18/2011	XX	GW302B1DA	0.2 U	0.5 U		640	5 U	26	510	540	540	22	60
8/8/2011	XX	GW302B1F1	0.08 U	0.2 U		770	0.39 U	30	300	600	600	22	69
11/1/2011	XX	GW302B1GC	0.082 U	0.2 U		830	0.32 U	24	650	670	670	28	63
5/15/2012	XX	GW302B1I6	0.2 U	0.09 U		760	2.5 U	17	640	650	650	19	57
8/16/2012	XX	GW302B1JJ	0.2 U	0.25 U		820	2.5 U	25	540	630	630	19.6	62
10/30/2012	XX	GW302B21D	0.2 U	0.25 U		790	2.5 U	20	690	670	670	20	63
5/21/2013	XX	GW302B237	0.2 U	0.25 U		870	2.5 U	16	410	720	720	21	70
7/25/2013	XX	GW302B251	0.2 U	0.25 U		940	2.5 U	17	670	730	730	22	70
10/1/2013	XX	GW302B26F	0.2 U	0.25 U		910	2.5 U	19	660	700	700	21	75
6/3/2014	XX	GW302B289	0.1 U	0.23		840	4 U	19	654	670	680	18	64
8/20/2014	XX	GW302B2A3	0.11	0.14		850	4 U	22	716	700	700	16	70
11/11/2014	XX	GW302B2BH	0.1 U	0.14		860	4 U	18	642	660	660	18	72
6/3/2015	XX	GW302B2DD	0.11	0.05 U		960	4 U	11	712	720	720	21	78
9/1/2015	XX	GW302B2F8	0.15	0.46		900	4 U	18	768	650	650	22	75
11/4/2015	XX	GW302B2H2	0.13	0.05 U		960	4 U	1 U	745	770	770	21	80
6/15/2016	XX	GW302B30C	0.67	0.05 U		990	4 U	7.9	764	740	740	20	82
9/21/2016	XX	GW302B326	0.31	0.05 U		930	4 U	13	678	720	720	19	75
11/8/2016	XX	GW302B340	0.16	0.1		850	4 U	18	706	770	770	20	73
6/13/2017	XX	GW302B35F	0.46	0.05 U		1000	4 U	14	763	760	760	21	74
8/29/2017	XX	GW302B379	0.34	0.05 U		950	4 U	14	719	740	740	20	75
11/14/2017	XX	GW302B393	0.4	0.05 U		960	4 U	8.6	738	780	780	22	72
6/19/2018	XX	GW302B3AI	0.69	0.11		940	4 U	11	758	810	810	19	68
8/14/2018	XX	GW302B3D7	0.79	0.05 U		990	4 U	12	733	840	840	21	79
11/28/2018	XX	GW302B3E6	0.58	0.05 U		950	4 U	10	754	840	840	23	70
6/5/2019	XX	GW302B3G1	0.81	0.068		1000	4.4	1 U	837	880	880	25	69
8/13/2019	XX	GW302B3IA	1.1	0.05 U		1100	4 U	1 U	863	900	900	28	76
10/23/2019	XX	GW302B3J9	0.86	0.05 U		1000	4 U	13	861	820	820	24	72
6/17/2020	XX	GW302B414	0.85	0.05 U		990	4 U	1 U	808	940	940	25	65
8/5/2020	XX	GW302B43D	0.91	0.05 U		930	6	13	2160	820	820	24	65
10/21/2020	XX	GW302B44C	0.7	0.05 U		1000	4 U	1 U	471	880	880	26	68
302C													
5/3/2000	XX	302CXX36649	0.1 U	1 U		189	23	9.6	105.5	39	47.3	2.6	55
8/9/2000	XX	302CXX36747	0.1 U	1 U		293	1	15.5	117	120	132.3	4.3	59.8
11/8/2000	XX	302CXX36838	0.1 U	1 U		281	1 U	12.2	144.9	135	135.3	4.7	55.4
5/16/2001	XX	302CXX37027	0.1 U	1 U		294	1	14.1	144	155	160	6.5	55.2
7/31/2001	XX	302CXX37103	0.1 U	1 U		308	2	12.1	138	154	156	8.1	44.4
10/23/2001	XX	302CXX37187	0.1 U	1 U		327	2	14.5	210.8	165	174	5.7	58.3
5/21/2002	XX	302CXX37397	0.1 U	1 U		270	1 U	19.4	176.5	110	118	5.1	60.4
8/7/2002	XX	302CXX37475	0.1 U	1 U		465	1 U	21.5	283	240	264	11.8	74.3
10/23/2002	XX	302CXX37552	0.1 U	1 U		453	1 U	29.6	299.5	270	296	11.9	71.1

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

(302C)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
6/23/2003	XX	302CXX37795	0.2 U	2 U		410	1 U	46	370	240	260	13	51
8/12/2003	XX	302CXX37845	0.2 U	2 U		540	1 U	48	520	370	390	19	44
10/20/2003	XX	302CXX37914	0.2 U	2 U		400	1 U	50	340	220	240	12	41
5/4/2004	XX	302CXX38111	0.2 U	2 U		410	1 U	69	420	250	270	14	40
8/5/2004	XX	302CXX38204	0.27	2 U		510	1 U	56	690	315	340	12	34
10/20/2004	XX	302CXX38280	0.2 U	2 U		490	1 U	55	420	280	310	14	140
5/11/2005	XX	GW302C00H	0.2 U	2 U		470	1 U	79	390	230	250	12	55
7/27/2005	XX	GW302C029	0.2 U	2 U		630	1 U	78	570	380	400	12	53
11/7/2005	XX	GW302C041	0.2 U	2 U		580	3	74	490	350	370	16	56
5/1/2006	XX	GW302C08H	0.2 U	2 U		580	1.5	66	540	370	390	18	55
7/31/2006	XX	GW302C075	0.2 U	2 U		640	1 U	57	610	460	490	16	48
10/25/2006	XX	GW302C05D	0.2 U	2 U		560	1 U	55	380	340	360	14	39
5/9/2007	XX	GW302C0A9	0.5 U	0.5 U		550	1 U	51	450	425	450	9.4	42
8/9/2007	XX	GW302C0C2	0.26	0.5 U		640	2	41	490	390	410	48	40
8/9/2007	XD	GWDP3X0EG	0.24	0.5 U		620	1.6	41	490		410	48	40
10/30/2007	XX	GW302C0DE	0.2 U	0.5 U		600	1 U	43	530	400	420	18	44
6/2/2008	XX	GW302C0G2	0.2 U	0.5 U		670	1 U	35	600	520	580	32	46
6/2/2008	XD	GWDP3X0F4	0.2 U	0.5 U		670	1 U	36	570		560	31	46
8/14/2008	XX	GW302C0I2	0.2 U	0.5 U		610	1 U	34	470	470	500	24	43
10/21/2008	XX	GW302C0JA	0.2 U	0.5 U		620	1.2	32	590	470	490	22	38
5/11/2009	XX	GW302C11A	0.2 U	0.5 U		640	0.6 U	32	540	525	530	18	40
8/10/2009	XX	GW302C13A	0.2 U	0.5 U		670	0.6 U	33	480	490	540	26	45
10/22/2009	XX	GW302C14I	0.2 U	0.5 U		580	1 U	31	460	440	460	22	35
6/1/2010	XX	GWXXXX17F	0.2 U	0.5 U		700	1 U	26	650	510	550	25	44
6/1/2010	XD	GWDP3X161	0.2 U	0.5 U		680	1 U	26	680		550	24	44
8/4/2010	XX	GW302C190	0.2 U	0.5 UH		600	1.1 U	23	490	480	510	20	42
10/14/2010	XX	GW302C1A8	0.2 U	0.5 U		630	1.3 U	23	450	505	530	23	48
5/18/2011	XX	GW302C1DB	0.2 U	0.5 U		320	5 U	18	280	290	290	12	26
5/18/2011	XD	GWXXXX1EH	0.2 U	0.5 U		320	5 U	18	270	290	290	12	25
8/8/2011	XX	GW302C1F2	0.08 U	0.2 U		800	1.3 J	19	530	650	650	28	71
11/1/2011	XX	GW302C1GD	0.082 U	0.2 U		750	0.32 U	17	560	650	650	28	57
11/1/2011	XD	GWDP1X1HI	0.082 U	0.2 U		780	0.32 U	17	590	670	670	30	57
5/15/2012	XX	GW302C1I7	0.2 U	0.09 U		470	2.5 U	12	380	430	430	14	34
5/15/2012	XD	GWDP2X1JD	0.2 U	0.09 U		480	2.5 U	14	370	430	430	14	33
8/16/2012	XX	GW302C200	0.2 U	0.25 U		800	2.5 U	13	580	640	640	24	64
8/16/2012	XD	GWDP2X216	0.2 U	0.25 U		810	2.5 U	13	620	650	650	24	62
10/30/2012	XX	GW302C21E	0.2 U	0.25 U		760	2.6 U	12	650	670	670	20	60
10/30/2012	XD	GWDP3X231	0.2 U	0.25 U		770	2.5 U	12	590	650	650	20	59
5/21/2013	XX	GW302C238	0.2 U	0.25 U		860	2.5 U	12	650	750	750	21	70
7/25/2013	XX	GW302C252	0.2 U	0.25 U		940	2.5 U	12	650	740	740	22	69
7/25/2013	XD	GWDP1X267	0.2 U	0.25 U		960	2.5 U	12	640	770	770	23	71
10/1/2013	XX	GW302C26G	0.2 U	0.25 U		800	2.5 U	10	620	680	680	21	58
10/1/2013	XD	GWDP1X281	0.2 U	0.25 U		800	2.5 U	10	610	660	660	21	58
6/3/2014	XX	GW302C28A	0.18	0.05 U		860	4 U	9	636	700	700	19	62
8/20/2014	XX	GW302C2A4	0.12	0.05 U		740	4 U	22	575	620	620	17	52
8/20/2014	XD	GWDP3X2BB	0.12	0.05 U		730	4 U	15	551	630	630	17	53
11/11/2014	XX	GW302C2BI	0.68	0.05 U		760	4 U	6.2	595	670	670	19	64
11/11/2014	XD	GWDP1X2D3	0.66	0.05 U		800	4 U	5.5	589	650	660	19	63
6/3/2015	XX	GW302C2DE	0.98	0.05 U		930	4 U	1.5	631	730	730	20	71
9/1/2015	XX	GW302C2F9	0.3	0.05 U		820	4 U	5.4	617	650	650	19	56

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

(302C)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
9/1/2015	XD	GWDP3X2GG	0.3	0.05 U		830	4 U	4.8	577	660	660	19	57				
11/4/2015	XX	GW302C2H3	1.4	0.05 U		860	4 U	1 U	667	710	710	21	66				
11/4/2015	XD	GWDP1X2I8	1.4	0.05 U		870	4 U	1 U	688	700	700	21	63				
6/15/2016	XX	GW302C30D	0.32	0.05 U		970	4 U	1 U	731	770	770	20	74				
9/21/2016	XD	GWDP3X33E	0.32	0.05 U		810	4 U	1 U	582	640	640	19	55				
9/21/2016	XX	GW302C327	0.32	0.05 U		800	4 U	1 U	563	640	640	19	53				
11/8/2016	XD	GWDP1X356	0.82	0.05 U		790	4 U	1.7	636	740	740	22	63				
11/8/2016	XX	GW302C341	0.83	0.05 U		820	4 U	1.3	674	740	740	22	64				
6/13/2017	XX	GW302C35G	1.2	0.05 U		1000	4 U	1 U	728	810	810	24	67				
8/29/2017	XD	GWDP3X38H	0.75	0.05 U		830	4 U	1 U	623	710	710	20	54				
8/29/2017	XX	GW302C37A	0.7	0.05 U		840	4 U	1 U	626	710	710	19	52				
11/14/2017	XD	GWDP1X3A9	2.4	0.05 U		880	4 U	1 U	566	730	730	22	55				
11/14/2017	XX	GW302C394	2.3	0.05 U		880	4 U	1 U	590	720	720	22	55				
6/19/2018	XX	GW302C3AJ	1.5	0.05 U		1000	4 U	1 U	744	880	880	24	62				
8/14/2018	XD	GWDP3X3D1	1.6	0.05 U		880	4 U	1 U	654	780	780	21	59				
8/14/2018	XX	GW302C3D8	1.5	0.05 U		910	4 U	1 U	658	790	790	22	57				
11/28/2018	XD	GWDP1X3FC	3.6	0.05 U		1000	4 U	1 U	772	890	890	27	61				
11/28/2018	XX	GW302C3E7	3.6	0.05 U		1000	4 U	1 U	756	880	880	26	62				
6/5/2019	XX	GW302C3G2	4	0.05 U		1100	4 U	1 U	767	870	880	28	60				
8/13/2019	XD	GWDP3X3I4	0.65	0.05 U		980	4 U	1 U	700	900	900	27	61				
8/13/2019	XX	GW302C3IB	0.72	0.05 U		990	4 U	1 U	736	890	890	27	60				
10/23/2019	XD	GWDP1X40F	1.9	0.05 U		860	6	1 U	692	750	750	23	47				
10/23/2019	XX	GW302C3JA	0.71	0.05 U		860	4 U	6.1	661	730	730	22	45				
6/17/2020	XX	GW302C415	1.9	0.05 U		1000	4 U	1 U	801	1000	1000	27	54				
8/5/2020	XD	GWDP3X437	1	0.05 U		900	4.8	1.4	775	800	800	24	46				
8/5/2020	XX	GW302C43E	1.5	0.05 U		900	4 U	1.3	735	820	820	24	44				
10/21/2020	XD	GWDP1X45I	5.3	0.05 U		1000	4 U	6.4	824	920	920	30	53				
10/21/2020	XX	GW302C44D	5.3	0.05 U		970	4 U	1 U	723	910	910	30	52				
303A																	
4/27/2000	XX	303AXX36643	8.15	6.3		815	7	13.8	693.9	680	747.4	10.1	33				
8/2/2000	XX	303AXX36740	7.83	2.7		853	6	15.7	665.3	680	773.7	10.4	44.4				
10/25/2000	XX	303AXX36824	5.21	3.5		1262	4	12.4	1065.1	1180	1254.9	22.7	75.8				
5/9/2001	XX	303AXX37020	11.7	8		1537	6	12.4	1260.7	1470	1470	25.4	79.8				
7/25/2001	XX	303AXX37097	5.48	4.1		1120	4	14.5	927.8	1030	1035	11.2	43.8				
10/17/2001	XX	303AXX37181	6.52	1.2		1476	4	13.2	1274.3	1385	1395	11.9	83.9				
5/16/2002	XX	303AXX37392	11.2	3.6		993	1	13	829	840	916	10.7	39.2				
8/1/2002	XX	303AXX37469	10.78	7.1		920	4	20.7	728.3	770	842	158.5	39.1				
10/17/2002	XX	303AXX37546	9.66	1.2		1104	1	21.4	863.4	1000	1040	14	61.9				
6/23/2003	XX	303AXX37795	12	7.7		820	1 U	16	700	740	760	9.4	28				
8/19/2003	XX	303AXX37852	13	3.1		870	1 U	14	800	790	830	10	29				
10/14/2003	XX	303AXX37908	15	2 U		1000	1 U	20	980	920	1000	15	37				
5/3/2004	XX	303AXX38110	16	2.4		920	1 U	21	1000	820	840	12	31				
8/17/2004	XX	303AXX38216	17	2 U		1000	1 U	18	990	930	1000	15	35				
10/19/2004	XX	303AXX38279	18	2 U		1100	1 U	14	1200	1120	1200	27	42				
5/18/2005	XX	GW303A00I	24	3		930	1 U	15	1000	600	200	12	31				
8/15/2005	XX	GW303A02A	15	2.3		690	1.5	16	710	180	650	7.4	24				
11/3/2005	XX	GW303A042	12	2 U		970	6.5	14	970	960	1000	13	46				
5/11/2006	XX	GW303A08I	12	2 U		600	1 U	19	690	520	580	8.7	25				
7/26/2006	XX	GW303A076	10	2 U		580	1 U	18	640	540	590	7.2	19				

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

(303A)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L				
10/24/2006	XX	GW303A05E	11	2 U		770	1 U	18	640	720	750	11	32				
5/15/2007	XX	GW303A0AA	9.3	2 U		810	1 U	15	660	840	890	9.9	24				
8/15/2007	XX	GW303A0C3	8.4	0.56		690	1 U	16	540	550	590	29	23				
8/15/2007	XD	GWDP2X0EF	8.7	0.56		700	1 U	16	540		610	21	23				
10/29/2007	XX	GW303A0DF	6.1	0.5 U		970	1 U	14	1000	900	950	23	42				
6/2/2008	XX	GW303A0G3	7.9	1.6		660	1 U	17	640	640	690	8	20				
8/13/2008	XX	GW303A0I3	7.1	1.1		560	1 U	17	440	530	580	7.4	14				
10/20/2008	XX	GW303A0JB	6.3	0.78		590	1 U	18	470	530	570	9.7	19				
5/5/2009	XX	GW303A11B	8.5	0.86		730	0.6 U	15	780	690	730	15	19				
8/6/2009	XX	GW303A13B	7.6	3.1		580	2 U	41	650	520	560	9.7	38				
10/21/2009	XX	GW303A14J	6.8	1		560	1 U	16	390	480	510	10	15				
5/27/2010	XX	GW303A170	6.6	2		510	1.1 U	18	530	470	490	8.3	11				
8/4/2010	XX	GW303A191	7.5	0.55 H		530	1 U	14	530	540	560	12	16				
10/14/2010	XX	GW303A1A9	4.8	0.5 U		710	1.2	14	540	730	750	15	26				
5/17/2011	XX	GW303A1E5	6.5	2.8		500	4.2 U	11	420	490	490	9.3	8.8				
8/9/2011	XX	GW303A1FG	6.6	1.4		390	0.38 U	14	310	380	380	7.6	9.4				
11/3/2011	XX	GW303A1H7	7.9	0.46 J		540	0.32 U	14	440	560	560	13	15				
5/17/2012	XX	GW303A1J1	7.9	1.4		300	2.5 U	13	450	490	490	6.99	8.6				
8/15/2012	XX	GW303A20E	7.1	0.83		480	2.5 U	15	400	490	490	6.82	9.5				
11/1/2012	XX	GW303A228	8.5	0.25 U		550	2.5 U	12	510	530	530	8.7	15				
5/21/2013	XX	GW303A242	6.3	1.7		460	2.5 U	16	390	480	480	5.2	8.6				
7/24/2013	XX	GW303A25G	6.6	2.1		460	2.5 U	15	320	440	440	4.8	7.3				
10/2/2013	XX	GW303A27A	6.6	0.41		430	2.5 U	15	340	430	430	4.8	9.2				
6/3/2014	XX	GW303A294	6	2.5		500	4 U	13	388	440	440	5.3	9.6				
8/20/2014	XX	GW303A2AI	6.7	0.57		450	4 U	13	363	450	450	5.1	11				
11/12/2014	XX	GW303A2CC	9.2	0.05 U		620	4 U	10	511	610	610	7.8	17				
6/3/2015	XX	GW303A2E8	6.5	2.3		430	4 U	10	322	400	400	4.8	9				
9/1/2015	XX	GW303A2G3	6.3	0.86		300	4 U	11	305	360	360	4.6	8				
11/3/2015	XX	GW303A2HH	7.1	0.24		500	4 U	15	401	480	480	6.3	13				
6/15/2016	XX	GW303A317	4.4	2.6		350	4 U	15	255	270	270	2.9	5.8				
9/20/2016	XX	GW303A331	5.9	0.093		350	4 U	14	320	370	370	4.9	13				
11/8/2016	XX	GW303A34F	6.1	0.05 U		550	4 U	14	434	630	630	7.1	19				
6/13/2017	XX	GW303A36A	5.3	1.2		420	4 U	13	304	370	370	4.5	7.7				
8/30/2017	XX	GW303A384	5.1	0.76		380	4 U	13	289	360	360	3.9	7.8				
11/15/2017	XX	GW303A39I	6.3	0.05 U		510	4 U	11	461	510	510	7.2	17				
6/20/2018	XX	GW303A3BD	5.1	2.1		360	4 U	14	292	330	330	3.7	5.3				
8/15/2018	XX	GW303A3E2	5.1	0.05 U		360	4 U	15	263	340	340	4	6.7				
11/27/2018	XX	GW303A3F1	7.5	0.66		690	4 U	11	570	690	690	10	20				
6/4/2019	XX	GW303A3GG	5	2.5		410	4 U	12	286	350	350	4.7	5.9				
8/14/2019	XD	GWDP1X3I2	5.3	1.1		360	4 U	15	240	320	320	3.9	6.4				
8/14/2019	XX	GW303A3J5	5.3	0.94		350	4 U	16	221	350	350	3.9	6.9				
10/22/2019	XX	GW303A404	5.7	0.05 U		430	4 U	12	330	380	380	5.9	11				
6/16/2020	XX	GW303A41J	5.6	2.3		400	4 U	9	318	400	400	4.9	4.2				
8/4/2020	XD	GWDP1X435R							326								
8/4/2020	XD	GWDP1X435	5.7	0.74		360	4 U	11		380	380	4.9	5.8				
8/4/2020	XX	GW303A448	5.7	0.96		340	4 U	10		360	360	4.8	5				
8/4/2020	XX	GW303A448R							328								
10/20/2020	XX	GW303A457	7.4	0.05 U		510	4 U	9.9	462	520	520	7.7	17				

303B

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

(303B)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
4/27/2000	XX	303BXX36643	5.36	8		444	35	8.1	349.6	300	364.6	5	18
8/2/2000	XX	303BXX36740	4.94	2.8		826	1	12.1	675.3	700	784.8	12.7	51.6
10/25/2000	XX	303BXX36824	3.92	5.1		1605	7	7.6	1337.8	1480	1545.3	30.5	85.4
5/9/2001	XX	303BXX37020	10.2	12.5		1051	1	8.1	733	950	982.5	14	49.6
7/25/2001	XX	303BXX37097	6.26	3.6		1143	2	10.7	890.3	860	930	16.4	51.1
10/17/2001	XX	303BXX37181	8.7	5.7		1604	5	11.3	1392.2	1514	1523	24.4	86.1
5/16/2002	XX	303BXX37392	7.28	8.2		673	1	8.3	505.3	485	560	1 U	20.6
8/2/2002	XX	303BXX37470	5.16	10.5		650	2	11.9	460	480	528	7.9	33.9
10/17/2002	XX	303BXX37546	4.38	1.9		1296	7	19.9	999.1	1150	1198	20.4	75.8
6/23/2003	XX	303BXX37795	9.9	13		510	1 U	16	450	420	470	7.1	16
8/19/2003	XX	303BXX37852	11	2.8		810	1 U	11	770	780	820	13	30
10/14/2003	XX	303BXX37908	12	2 U		1100	1 U	9.9	1100	1040	1100	21	38
5/3/2004	XX	303BXX38110	12	5.5		680	1 U	12	650	590	610	10	20
8/17/2004	XX	303BXX38216	14	2		1100	1 U	10	970	970	1100	16	39
10/19/2004	XX	303BXX38279	15	2.5		1100	1 U	9	1100	1120	1200	23	35
5/18/2005	XX	GW303B00J	20 U	6.8		520	1 U	13	170	440	480	6.1	12
8/15/2005	XX	GW303B02B	10	4		490	1 U	14	410	400	440	7.1	26
11/3/2005	XX	GW303B043	12	3.4		840	3.5	9	890	800	850	12	35
5/11/2006	XX	GW303B08J	7.8	2 U		530	1 U	16	570	485	510	9.3	24
7/26/2006	XX	GW303B077	7.7	2.7		420	1 U	15	440	400	420	6	15
10/24/2006	XX	GW303B05F	6.9	2 U		790	1 U	13	920	780	810	13	35
5/15/2007	XX	GW303B0AB	7.5	4.3		480	1 U	15	390	460	480	5.2	8.6
8/15/2007	XX	GW303B0C4	0.21	1.6		650	1 U	13	490	470	510	37	29
10/29/2007	XX	GW303B0DG	4.9	0.68		1100	1 U	10	1200	920	1000	26	44
6/3/2008	XX	GW303B0G4	6.5	4.4		370	1 U	15	390	380	380	8	7.1
8/13/2008	XX	GW303B0I4	5.5	2.5		350	1 U	17	280	330	360	6.3	9.5
10/20/2008	XX	GW303B0JC	4.5	1.1		540	1 U	15	450	490	520	11	21
5/5/2009	XX	GW303B11C	7.5	3.1		460	0.6 U	13	410	430	440	8.5	8.5
8/6/2009	XX	GW303B13C	5.9	7.3		340	2 U	35	240	290	320	5.9	20
10/21/2009	XX	GW303B150	4.4	1.5		460	1 U	13	360	410	420	12	17
5/27/2010	XX	GW303B171	4.7	3.4		320	1 U	17	260	290	300	6.1	6.2
8/4/2010	XX	GW303B192	6	0.84 H		540	1 U	10	550	550	580	12	19
8/4/2010	XD	GWDP2X181	6.2	0.7 H		550	1.1 U	10	430		580	12	18
10/14/2010	XX	GW303B1AA	2.4	4.6		720	1.1 U	10	530	705	720	16	24
5/17/2011	XX	GW303B1E6	4.4	4.4		280	4.2 U	12	220	260	260	5.3	4.3
8/9/2011	XX	GW303B1FH	4.2	1.7		320	0.38 U	13	180	290	290	6.5	11
11/3/2011	XX	GW303B1H8	5.2	1.1 J		500	0.32 U	11	400	510	510	11	11
5/17/2012	XX	GW303B1J2	6.4	2.6		120	2.5 U	12	290	330	330	5.08	5.4
8/15/2012	XX	GW303B20F	5.7	2		370	2.5 U	12	300	350	350	6	7.2
11/1/2012	XX	GW303B229	6.8	0.89		670	2.5 U	11	580	600	600	10	14
5/21/2013	XX	GW303B243	4.8	3.8		250	2.5 U	14	230	270	270	3.7	4
7/24/2013	XX	GW303B25H	4.4	3.2		290	2.5 U	12	190	250	250	3.9	4
10/2/2013	XX	GW303B27B	4.6	0.35		370	2.5 U	9.6	300	390	390	5.6	8.7
6/3/2014	XX	GW303B295	4.6	3.3		340	4 U	12	239	280	280	3.5	6.2
8/20/2014	XX	GW303B2AJ	5.7	1.2		410	4 U	11	326	400	400	5.3	11
11/12/2014	XX	GW303B2CD	7.3	2.1		700	4 U	6.4	572	660	660	9.1	18
6/3/2015	XX	GW303B2E9	4.2	3.4		310	4 U	9.6	229	270	270	3.5	6.3
9/1/2015	XX	GW303B2G4	2.8	1.9		350	4 U	9.7	268	280	280	4.4	8.2
11/3/2015	XX	GW303B2HI	4.7	1.6		420	4 U	9.6	348	390	390	5.4	8.5
6/15/2016	XX	GW303B318	2.6	2.4		230	4 U	13	157	170	170	2.3	5

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

(303B)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
9/20/2016	XX	GW303B332	4.3	1.3		510	4 U	10	400	430	430	6.6	15				
11/8/2016	XX	GW303B34G	4.2	2.6		600	4 U	8.4	523	620	620	9.2	19				
6/13/2017	XX	GW303B36B	3.2	2		100	4 U	12	191	210	210	3.3	4.2				
8/30/2017	XX	GW303B385	2.7	3		300	4 U	13	220	240	240	3.4	8.4				
11/15/2017	XX	GW303B39J	5	0.98		610	4 U	6.2	554	640	640	9	18				
6/20/2018	XX	GW303B3BE	3.8	2.4		240	4 U	13	168	190	190	2.8	3				
8/15/2018	XX	GW303B3E3	2.7	0.82		340	4 U	13	252	270	270	4.2	9.1				
11/27/2018	XX	GW303B3F2	5.4	3.8		650	4 U	7.2	565	680	680	9.7	17				
6/4/2019	XX	GW303B3GH	3.9	2.6		260	4 U	12	182	220	220	3.4	3.1				
8/14/2019	XX	GW303B3J6	3.2	1.8		250	4 U	14	178	210	210	3.2	6.3				
10/22/2019	XX	GW303B405	4.6	0.16		490	4 U	9.6	415	430	430	7.6	15				
6/16/2020	XX	GW303B420	4.6	2.9		280	4 U	9.7	205	260	260	3.4	2.8				
8/4/2020	XX	GW303B449	5.5	0.62		290	4 U	10		320	320	4.9	7.6				
8/4/2020	XX	GW303B449R							301								
10/20/2020	XX	GW303B458	6.2	3.1		570	4 U	6.5	508	580	580	9.7	16				
304A																	
5/3/2000	XX	304AXX36649	0.1 U	1.4		216	14	13.7	164.3	145	164.6	1.6	9.5				
8/9/2000	XX	304AXX36747	0.1 U	1.3		191	2	15.4	114.8	135	148.5	2.9	8.5				
11/9/2000	XX	304AXX36839	0.1 U	1.1		289	1 U	14.5	70.3	170	180.8	1	10.3				
5/16/2001	XX	304AXX37027	0.1 U	1.4		210	1	16.9	108.5	160	164	1.6	13.2				
7/31/2001	XX	304AXX37103	0.1 U	1 U		198	2	15.8	102.6	146	146	7.6	9				
10/23/2001	XX	304AXX37187	0.1 U	1 U		236	3	15.9	165.3	166	175	1.7	15.4				
5/21/2002	XX	304AXX37397	0.12	1 U		241	1 U	17.9	117.4	180	180	1 U	16.8				
7/30/2002	XX	304AXX37467	0.1 U	1 U		232	1	19.4	109.1	165	170	1.1	14				
10/22/2002	XX	304AXX37551	0.1 U	1 U		265	2	19.5	137.9	205	220	1 U	18				
6/24/2003	XX	304AXX37796	0.2 U	2 U		220	1 U	15	230	195	210	1 U	11				
8/7/2003	XX	304AXX37840	0.2 U	2 U		210	1 U	15	210	170	180	1 U	7.2				
10/21/2003	XX	304AXX37915	0.2 U	2 U		260	1 U	17	250	200	220	1.2	12				
5/10/2004	XX	304AXX38117	0.2 U	2 U		210	1 U	14	220	190	210	1	9.1				
7/28/2004	XX	304AXX38196	0.2 U	2 U		210	1 U	16	190	195	210	1 U	9.6				
10/21/2004	XX	304AXX38281	0.2 U	2 U		320	1 U	16	240	200	220	1 U	11				
5/10/2005	XX	GW304A010	0.2 U	2 U		290	1 U	5.6	260	180	190	1 U	4.8				
7/28/2005	XX	GW304A02C	0.2 U	2 U		200	1.2	13	190	180	190	1 U	6.2				
11/8/2005	XX	GW304A044	0.2 U	2 U		240	1 U	13	130	200	220	1.2	7.6				
5/3/2006	XX	GW304A090	0.2 U	2 U		170	1.5	13	200	145	180	1.3	8.5				
8/1/2006	XX	GW304A078	0.24	2 U		230	23	12	240	190	200	1.1	8.7				
10/26/2006	XX	GW304A05G	0.2 U	2 U		239	5.5	13	180	180	190	1 U	9.7				
5/8/2007	XX	GW304A0AC	0.5 U	0.5 U		190	1.9	5.8	190	190	200	1 U	7				
8/7/2007	XX	GW304A0C5	0.2 U	0.5 U		250	1 U	11	190	180	190	3.8	12				
8/7/2007	XD	GWDP4X0EH	0.2 U	0.5 U		240	1 U	11	230		180	2.8	12				
10/31/2007	XX	GW304A0DH	0.2 U	0.5 U		260	1 U	13	270	180	190	1 U	18				
6/3/2008	XX	GW304A0G5	0.2 U	0.5 U		210	1 U	11	160	150	160	1.8	8.2				
8/18/2008	XX	GW304A0I5	0.2 U	0.5 U		240	1 U	13	150	160	170	1.1	9.4				
10/23/2008	XX	GW304A0JD	0.2 U	0.5 U		210	1 U	11	180	160	170	1 U	9				
10/23/2008	XD	SWDP4X109	0.2 U	0.5 U		210	1 U	11	170		170	1.2	9.1				
5/12/2009	XX	GW304A11D	0.2 U	0.5 U		190	0.6 U	13	140	155	160	1.2	7.4				
8/11/2009	XX	GW304A13D	0.2 U	0.5 U		240	1.7	13	170	120	150	1.6	5.8				
10/26/2009	XX	GW304A151	0.2 U	0.5 U		290	1.1	13	160	155	160	1.3	7.1				
6/2/2010	XX	GW304A172	0.2 U	0.5 U		190	2.3	14	170	150	150	2.2	6.8				

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

(304A)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
8/5/2010	XX	GW304A193	0.2 U	0.5 U		170	1.1 U	13	160	150	150	1	6.1
10/18/2010	XX	GW304A1AB	0.2 U	0.5 U		200	1.3 U	12	130	130	130	1.3	11
5/19/2011	XX	GW304A1DC	0.2 U	0.5 U		150	5 U	12	130	140	140	1.1	5.1
8/8/2011	XX	GW304A1F3	0.08 U	0.2 U		180	0.38 U	13	90	140	140	0.94 J	5.1
8/8/2011	XD	GWDP2X1G8	0.08 U	0.2 U		720	0.38 U	7.6	130	680	680	0.8 J	33
11/2/2011	XX	GW304A1GE	0.082 U	0.2 U		170	0.32 U	13	130	140	140	1.3	3.8
5/15/2012	XX	GW304A1I8	0.2 U	0.09 U		130	2.5 U	9.9	130	130	130	1	4.1
5/15/2012	XD	GWDP3X1JE	0.2 U	0.09 U		130	2.5 U	10	140	130	130	1.2	4.5
8/15/2012	XX	GW304A201	0.2 U	0.25 U		140	2.5 U	12	110	120	120	1.36	2.5
10/31/2012	XX	GW304A21F	0.2 U	0.25 U		140	2.5 U	11	130	130	130	0.8	8.6
10/31/2012	XD	GWDP1X22J	0.2 U	0.25 U		150	2.5 U	11	130	130	130	0.6	9.3
5/21/2013	XX	GW304A239	0.2 U	0.25 U		140	2.5 U	13	120	130	130	0.63	6.1
5/21/2013	XD	GWDP1X24D	0.8	0.25 U		160	2.5 U	12	120	130	130	0.8	9.7
7/25/2013	XX	GW304A253	0.2 U	0.25 U		180	2.5 U	12	120	130	130	0.64	6.5
7/25/2013	XD	GWDP3X269	0.2 U	0.25 U		180	2.5 U	13	120	130	130	0.82	6.9
10/2/2013	XX	GW304A26H	0.2 U	0.25 U		170	2.5 U	12	120	130	130	0.58	9.5
10/2/2013	XD	GWDP2X283	0.2 U	0.25 U		180	2.5 U	12	120	130	130	0.53	9.9
6/4/2014	XX	GW304A28B	0.1 U	0.05 U		160	4 U	13	121	110	110	1 U	6.9
6/4/2014	XD	GWDP1X29F	0.1 U	0.05 U		160	4 U	13	118	120	120	1 U	6.5
8/20/2014	XX	GW304A2A5	0.1 U	0.05 U		160	6	13	121	140	140	1 U	7
8/20/2014	XD	GWDP1X2B9	0.1 U	0.05 U		150	4 U	13	119	130	130	1 U	7.8
11/12/2014	XX	GW304A2BJ	0.1 U	0.05 U		160	4 U	10	103	120	120	1 U	6
11/12/2014	XD	GWDP2X2D5	0.1 U	0.05 U		140	4 U	10	106	130	130	1 U	6.1
6/3/2015	XX	GW304A2DF	0.1 U	0.05 U		160	4 U	11	112	120	120	1 U	5.1
6/3/2015	XD	GWDP1X2EJ	0.1 U	0.05 U		150	4 U	11	108	120	120	1 U	5.1
9/2/2015	XX	GW304A2FA	0.1 U	0.052		160	4 U	12	117	120	120	1 U	4.3
9/2/2015	XD	GWDP1X2GE	0.1 U	0.05 U		160	4 U	12	125	120	120	1 U	4.6
11/4/2015	XX	GW304A2H4	0.1 U	0.05 U		180	4 U	11	121	130	130	1 U	5.6
11/4/2015	XD	GWDP2X2IA	0.1 U	0.05 U		180	4 U	11	116	130	130	1 U	5.5
6/16/2016	XD	GWDP1X31I	0.1 U	0.05 U		150	4 U	13	114	120	120	1 U	4.7
6/16/2016	XX	GW304A30E	0.1 U	0.05 U		150	4 U	13	112	120	120	1 U	4.5
9/21/2016	XD	GWDP1X33C	0.1 U	0.05 U		190	4 U	14	107	120	120	1 U	3.6
9/21/2016	XX	GW304A328	0.1 U	0.05 U		140	4 U	14	109	110	110	1 U	3.3
11/8/2016	XD	GWDP2X358	0.1 U	0.05 U		140	4 U	13	117	140	140	1 U	5.6
11/8/2016	XX	GW304A342	0.1 U	0.05 U		150	4 U	13	118	140	140	1 U	4.6
6/14/2017	XD	GWDP1X371	0.1 U	0.05 U		140	4 U	14	116	120	120	1 U	4
6/14/2017	XX	GW304A35H	0.1 U	0.05 U		140	4 U	14	121	180	180	1 U	3.4
8/29/2017	XD	GWDP1X38F	0.1 U	0.05 U		180	4 U	12	108	120	120	1 U	2.9
8/29/2017	XX	GW304A37B	0.1 U	0.05 U		160	4 U	12	111	120	120	1 U	3.5
11/14/2017	XD	GWDP2X3AB	0.1 U	0.05 U		160	4 U	11	109	120	120	1 U	3.9
11/14/2017	XX	GW304A395	0.1 U	0.05 U		150	4 U	12	104	120	120	1 U	3.8
6/21/2018	XD	GWDP1X3C4	0.1 U	0.05 U		190	4 U	13	113	120	120	1 U	2 U
6/21/2018	XX	GW304A3B0	0.1 U	0.05 U		170	4.8	13	125	120	120	1 U	2 U
8/15/2018	XD	GWDP1X3CJ	0.1 U	0.05 U		170	4 U	14	109	120	120	1 U	2.7
8/15/2018	XX	GW304A3D9	0.1 U	0.05 U		150	8	14	111	120	120	1 U	2.2
11/30/2018	XD	GWDP2X3FE	0.1 U	0.05 U		140	4 U	12	118	120	120	1 U	4.7
11/30/2018	XX	GW304A3E8	0.1 U	0.05 U		110	4 U	12	119	120	120	1 U	4.5
6/5/2019	XD	GWDP1X3H7	0.1 U	0.05 U		170	4 U	12	110	120	120	1 U	3.7
6/5/2019	XX	GW304A3G3	0.1 U	0.05 U		160	4 U	12	107	120	120	1 U	3
8/14/2019	XX	GW304A3IC	0.1 U	0.05 U		160	4 U	14		120	120	1 U	3.1

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

(304A)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
8/14/2019	XX	GW304A3ICR							117								
10/24/2019	XD	GWDP2X40H	0.1 U	0.05 U		160	5.2	12	107	120	120	1 U	2.9				
10/24/2019	XX	GW304A3JB	0.1 U	0.05 U		150	4 U	12	112	120	120	1 U	3.3				
6/17/2020	XD	GWDP1X42A	0.1 U	0.05 U		150	4 U	10	114	140	140	1 U	2.8				
6/17/2020	XX	GW304A416	0.1 U	0.05 U		140	4 U	11	106	130	130	1 U	2.1				
8/5/2020	XX	GW304A43F	0.1 U	0.05 U		120	4 U	11	113	120	120	1 U	2.1				
10/22/2020	XD	GWDP2X460	0.1 U	0.05 U		160	4 U	9.2	128	130	130	1 U	4.8				
10/22/2020	XX	GW304A44E	0.1 U	0.05 U		170	4 U	9.4	129	130	130	1 U	4.5				
304B																	
5/3/2000	XX	304BXX36649	0.1 U	1 U		67	86	2.9	22	22	24.2	5	1.4				
8/9/2000	XX	304BXX36747	0.1 U	1 U		122	16	7.7	39.4	54	61.6	1	20.3				
11/9/2000	XX	304BXX36839	0.1 U	1 U		168	1	6.5	74.3	58	58.6	1 U	63.7				
5/16/2001	XX	304BXX37027	0.1 U	1 U		163	1 U	13.4	47.6	74	75	1 U	34.1				
7/31/2001	XX	304BXX37103	D	D			D	D	D	D	D	D	D				
10/23/2001	XX	304BXX37187	0.1 U	1 U		204	16	20.7	121.4	110	115	1.7	25.7				
5/21/2002	XX	304BXX37397	0.1	1 U		125	1	8.9	49.8	76	80	1	13.4				
7/30/2002	XX	304BXX37467	0.1 U	1 U		187	1 U	14	68.7	120	122	1.4	15.6				
10/22/2002	XX	304BXX37551	0.1 U	1 U		175	2	13.3	73.8	110	116	1.5	21.7				
6/24/2003	XX	304BXX37796	0.2 U	2 U		120	1 U	12	130	100	100	1 U	19				
8/7/2003	XX	304BXX37840	0.2 U	2 U		120	1 U	11	110	96	100	1 U	13				
10/21/2003	XX	304BXX37915	0.2 U	2 U		140	1 U	11	100	92	93	1.4	14				
5/10/2004	XX	304BXX38117	0.2 U	2 U		63	1 U	10	87	70	70	1 U	12				
7/28/2004	XX	304BXX38196	0.2 U	2 U		98	1 U	10	74	78	81	1 U	9.7				
10/21/2004	XX	304BXX38281	0.2 U	2 U		180	1 U	11	92	78	83	1 U	8.7				
5/10/2005	XX	GW304B011	0.2 U	2 U		100	1 U	6.8	59	58	59	1 U	11				
7/28/2005	XX	GW304B02D	0.2 U	2 U		180	16	7.6	110	60	63	1 U	34				
11/8/2005	XX	GW304B045	0.2 U	2 U		150	1 U	6.8	99	62	65	1 U	33				
5/3/2006	XX	GW304B091	0.2 U	2 U		120	1 U	6.8	62	56	57	1 U	11				
8/1/2006	XX	GW304B079	0.24	2 U		120	1 U	7.1	85	60	61	1 U	24				
10/26/2006	XX	GW304B05H	0.2 U	2 U		96	1 U	5.9	77	56	56	1 U	26				
5/8/2007	XX	GW304B0AD	0.5 U	0.5 U		98	1 U	6.7	74	68	69	1 U	13				
8/7/2007	XX	GW304B0C6	0.2 U	0.5 U		160	2.1	6.1	98	68	69	2.2	28				
10/31/2007	XX	GW304B0DI	0.2 U	0.5 U		160	1 U	6.1	85	68	69	1 U	29				
6/5/2008	XX	GW304B0G6	0.2 U	0.5 U		98	1 U	6.9	53	54	54	1 U	5.8				
6/5/2008	XD	LTDP4X0F5	0.2 U	0.5 U		100	1 U	6.9	56		54	1 U	5.9				
8/18/2008	XX	GW304B0I6	0.2 U	0.5 U		100	1 U	5.4	35	46	46	1.2	3.1				
10/23/2008	XX	GW304B0JE	0.2 U	0.5 U		93	3.7	6.5	50	53	53	1.4	3.3				
5/12/2009	XX	GW304B11E	0.2 U	0.5 U		67	0.6 U	3.5	20	28	28	1	4.3				
8/11/2009	XX	GW304B13E	0.2 U	0.5 U		140	0.6 U	3.5	69	33	33	1	30				
10/26/2009	XX	GW304B152	0.2 U	0.5 U		110	5.8	4.1	44	31	33	1.6	20				
6/2/2010	XX	GW304B173	0.2 U	0.5 U		72	1 U	4.4	38	42	42	1.1	5.4				
8/5/2010	XX	GW304B194	0.2 U	0.5 U		89	1.7	5.2	47	40	40	1.2	21				
10/18/2010	XX	GW304B1AC	0.2 U	0.5 U		85	1.6	3.8	38	34	34	2.2	21				
10/18/2010	XD	GWDP3X1B6	0.2 U	0.5 U		100	1.4	3.9	35		34	2.4	21				
5/19/2011	XX	GW304B1DD	0.2 U	0.5 U		25	5 U	2.9	19	26	26	1 U	3.8				
8/8/2011	XX	GW304B1F4	0.08 U	0.2 U		87	0.38 U	Y4	28	39	39	0.72 J	18				
11/2/2011	XX	GW304B1GF	0.082 U	0.2 U		75	0.32 U	3.8	44	34	34	1.3	15				
5/15/2012	XX	GW304B1I9	0.2 U	0.09 U		13	2.5 U	2.5	29	26	26	1	6.5				
8/15/2012	XX	GW304B202	0.2 U	0.25 U		160	2.5 U	3.6	68	36	36	1 U	46				

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

(304B) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
10/31/2012	XX	GW304B21G	0.2 U	0.25 U		52	2.5 U	3.1	53	34	34	0.96	22
5/21/2013	XX	GW304B23A	0.67	0.25 U		34	2.5 U	3.8	32	37	37	0.69	9.8
7/25/2013	XX	GW304B254	0.2 U	0.25 U		90	2.5 U	5.1	41	41	41	0.85	9.8
10/2/2013	XX	GW304B26I	0.2 U	0.25 U		72	2.5 U	5.8	36	42	42	0.7	7.5
6/4/2014	XX	GW304B28C	0.1 U	0.05 U		69	4 U	5.5	37.3	44	44	1 U	5
8/20/2014	XX	GW304B2A6	0.1 U	0.053		68	4 U	4.6	36.9	43	43	1 U	9.4
11/12/2014	XX	GW304B2C0	0.1 U	0.05 U		63	4 U	3.1	26.5	31	31	1.2	7.2
6/3/2015	XX	GW304B2DG	0.1 U	0.05 U		29	4 U	2.9	20.2	26	26	1 U	3.3
9/2/2015	XX	GW304B2FB	0.1 U	0.05 U		75	4 U	5	35.9	43	43	1 U	4.7
11/4/2015	XX	GW304B2H5	0.1 U	0.05 U		73	4 U	5.8	27	35	35	1 U	4.2
6/16/2016	XX	GW304B30F	0.1 U	0.05 U		64	4 U	3.6	29.2	39	39	1 U	5.1
9/21/2016	XX	GW304B329	0.1 U	0.05 U		75	16	4.5	33.2	44	44	1 U	3.6
11/8/2016	XX	GW304B343	0.1 U	0.057		96	4 U	5.3	52.2	71	71	1 U	7.5
6/14/2017	XX	GW304B35I	0.1 U	0.05 U		72	4 U	4.7	37.1	48	48	1 U	3.4
8/29/2017	XX	GW304B37C	0.1 U	0.05 U		71	14	1.8	27.8	38	38	1 U	2.9
11/14/2017	XX	GW304B396	0.1 U	0.05 U		75	4 U	2.7	37.8	48	48	1 U	3.9
6/21/2018	XX	GW304B3B1	0.1 U	0.05 U		84	4 U	3.8	36.8	43	43	1 U	3.8
8/15/2018	XX	GW304B3DA	0.1 U	0.05 U		88	4.4	2.8	40.1	40	40	1 U	9
11/30/2018	XX	GW304B3E9	0.1 U	0.05 U		22	4 U	1 U	18.2	24	24	2.1	2.3
6/5/2019	XX	GW304B3G4	0.1 U	0.05 U		110	5.2	2.3	36.7	45	45	1 U	3.8
8/14/2019	XX	GW304B3ID	0.1 U	0.05 U		77	47	4.6	42.4	55	55	1 U	6
10/24/2019	XX	GW304B3JC	0.1 U	0.05 U		65	47	4.2	37.7	49	49	1 U	5.3
6/17/2020	XX	GW304B417	0.1 U	0.05 U		84	6	3.6	40.1	62	62	1 U	4.1
8/5/2020	XX	GW304B43G	0.1 U	0.05 U		39	66	3.6	50.7	58	58	1 U	5.2
10/22/2020	XX	GW304B44F	0.1 U	0.05 U		68	6.8	3.2	22.6	34	34	2.6	2.9
401A													
5/3/2000	XX	401AXX36649	0.1 U	1 U		128	15	5.4	78.7	78	87.9	1.1	3.6
8/10/2000	XX	401AXX36748	0.1 U	1 U		136	1	6.2	56	78	80.8	1.2	4.3
11/9/2000	XX	401AXX36839	0.1 U	1 U		125	1 U	6.8	49.8	100	103.2	1 U	4.6
5/17/2001	XX	401AXX37028	0.1 U	1 U		126	1	7.5	59.2	95	96	1 U	3.7
8/1/2001	XX	401AXX37104	0.1 U	1 U		131	3	8.3	61.7	79	79	3.2	4
10/24/2001	XX	401AXX37188	0.1 U	1 U		133	3	10.1	71.6	94	99	1.1	4.1
5/22/2002	XX	401AXX37398	0.1 U	1 U		137	4	9.2	60.6	90	94	1 U	3.2
7/30/2002	XX	401AXX37467	0.1 U	1 U		145	2	9.9	59.5	98	100	1.1	3.4
10/22/2002	XX	401AXX37551	0.1 U	1 U		125	1 U	11.1	60.7	98	102	1 U	4
6/25/2003	XX	401AXX37797	0.2 U	2 U		99	1 U	10	110	100	100	1 U	2.8
8/11/2003	XX	401AXX37844	0.2 U	2 U		78	1 U	9.9	100	95	99	1 U	3.6
10/21/2003	XX	401AXX37915	0.2 U	2 U		120	1 U	11	110	95	98	1 U	4.2
5/10/2004	XX	401AXX38117	0.2 U	2 U		90	1 U	12	110	95	96	1 U	5.3
7/29/2004	XX	401AXX38197	0.2 U	2 U		100	1 U	11	95	78	80	1 U	5.3
10/21/2004	XX	401AXX38281	0.2 U	2 U		180	1 U	12	110	95	96	1 U	5.6
5/9/2005	XX	GW401A012	0.2 U	2 U		140	1 U	11	100	74	76	1 U	5.7
7/28/2005	XX	GW401A02E	0.2 U	2 U		160	1.2	12	130	95	97	1 U	5.8
11/8/2005	XX	GW401A046	0.2 U	2 U		120	1 U	13	120	90	95	1 U	6.2
5/4/2006	XX	GW401A092	0.2 U	2 U		120	1 U	12	120	97	99	1 U	6.1
8/2/2006	XX	GW401A07A	0.2 U	2 U		120	1 U	14	100	93	94	12	5.7
10/30/2006	XX	GW401A05I	0.2 U	2 U		140	1 U	15	110	93	94	1 U	5.9
5/7/2007	XX	GW401A0AE	0.5 U	0.5 U		130	1 U	13	110	100	110	1 U	5.7
8/14/2007	XX	GW401A0C7	0.2 U	0.5 U		150	1 U	14	88	93	95	2.3	6.8

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

(401A)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
11/5/2007	XX	GW401A0DJ	0.2 U	0.5 U		160	1 U	17	130	98	99	1 U	7.7				
6/5/2008	XX	GW401A0G7	0.2 U	0.5 U		140	1 U	15	110	97	97	1 U	6.1				
8/20/2008	XX	GW401A0I7	0.2 U	0.5 U		160	1 U	17	110	98	99	1	6.4				
10/27/2008	XX	GW401A0JF	0.2 U	0.5 U		140	1 U	15	120	96	98	1 U	7.2				
5/13/2009	XX	GW401A11F	0.2 U	0.5 U		160	0.6 U	18	98	95	96	1 U	7.8				
8/13/2009	XX	GW401A13F	0.2 U	0.5 U		150	0.6 U	17	110	97	99	1 U	6.9				
10/28/2009	XX	GW401A153	0.2 U	0.5 U		120	1 U	18	92	95	98	1 U	8.1				
10/28/2009	XD	SWDP4X15H	0.2 U	0.5 U		140	1 U	18	90		100	1.3	8				
6/3/2010	XX	GW401A174	0.2 U	0.5 U		120	1 U	19	120	95	95	1.6	8				
8/17/2010	XX	GW401A195	0.2 U	0.5 U		150	1 U	19	93	95	99	1.7	8.4				
10/19/2010	XX	GW401A1AD	0.2 U	0.5 U		140	1.3 U	20	93	94	97	1 U	9.1				
5/16/2011	XX	GW401A1DE	0.2 U	0.5 U		140	5 U	18	100	86	86	1.1	9				
8/8/2011	XX	GW401A1F5	0.08 U	0.2 U		2 J	0.7 J	20	72	99	99	1.8	10				
11/1/2011	XX	GW401A1GG	0.082 U	0.2 U		140	0.32 U	20	110	100	100	1	7.9				
5/14/2012	XX	GW401A1IA	0.2 U	0.5 U		100	2.5 U	19	110	89	89	1 U	8				
8/14/2012	XX	GW401A203	0.2 U	0.25 U		160	2.8 U	20	99	95	95	1.14	8.4				
11/1/2012	XX	GW401A21H	0.2 U	0.25 U		150	2.5 U	19	110	85	85	0.86	8.6				
5/21/2013	XX	GW401A23B	0.2 U	0.25 U		130	2.5 U	21	100	96	96	0.68	9.4				
7/22/2013	XX	GW401A255	0.2 U	0.25 U		120	2.5 U	21	100	90	90	0.81	9.4				
9/30/2013	XX	GW401A26J	0.2 U	0.25 U		120	2.5 U	22	78	94	94	0.53	9.4				
6/4/2014	XX	GW401A28D	0.1 U	0.069		160	4 U	23	113	93	94	1 U	10				
8/19/2014	XX	GW401A2A7	0.1 U	0.065		180	7.2	22	113	110	110	1	14				
11/11/2014	XX	GW401A2C1	0.1 U	0.05 U		160	6	24	106	100	100	1 U	12				
6/2/2015	XX	GW401A2DH	0.1 U	0.05 U		160	8.8	23	108	94	94	1 U	11				
9/1/2015	XX	GW401A2FC	0.1 U	0.23		180	4 U	23	121	98	98	1 U	11				
11/3/2015	XX	GW401A2H6	0.1 U	0.05 U		150	4 U	24	118	100	100	1 U	11				
6/14/2016	XX	GW401A30G	0.1 U	0.05 U		160	4 U	23	123	99	99	1 U	12				
9/20/2016	XX	GW401A32A	0.1 U	0.05 U		200	4 U	24	122	100	100	1 U	11				
11/9/2016	XX	GW401A344	0.1 U	0.05 U		170	5.2	25	119	110	110	1.1	12				
6/14/2017	XX	GW401A35J	0.1 U	0.05 U		150	4 U	25	119	12	12	1 U	10				
8/29/2017	XX	GW401A37D	0.1 U	0.05 U		180	4 U	24	120	100	100	1 U	11				
11/14/2017	XX	GW401A397	0.1 U	0.05 U		160	4 U	23	115	93	93	1 U	9.9				
6/20/2018	XX	GW401A3B2	0.1 U	0.05 U		190	4 U	24	122	100	100	1 U	12				
8/15/2018	XX	GW401A3DB	0.1 U	0.05 U		170	4 U	25	119	110	110	1 U	11				
11/30/2018	XX	GW401A3EA	0.1 U	0.064		150	4 U	28	120	96	96	1 U	8.9				
6/5/2019	XX	GW401A3G5	0.1 U	0.05 U		190	4 U	24	116	100	100	1 U	10				
8/14/2019	XX	GW401A3IE	0.1 U	0.05 U		170	4 U	24	125	100	100	1 U	11				
10/22/2019	XX	GW401A3JD	0.1 U	0.05 U		180	4 U	24	127	110	110	1 U	8.9				
6/17/2020	XX	GW401A418	0.1 U	0.05 U		160	4 U	22	120	120	120	1 U	8.9				
8/4/2020	XX	GW401A43H	0.1 U	0.05 U		120	4 U	22		110	110	1 U	9.6				
8/4/2020	XX	GW401A43HR							130								
10/21/2020	XX	GW401A44G	0.1 U	0.05 U		180	4 U	41	135	110	110	1 U	8.8				
401B																	
5/3/2000	XX	401BXX36649	0.1 U	1.1		195	30	25	142.6	83	92.9	2	29.8				
8/10/2000	XX	401BXX36748	0.1 U	1.1		352	2	27.5	109.5	92	99	1.3	30.1				
11/9/2000	XX	401BXX36839	0.1 U	1.1		198	1	27.8	77.8	99	101	1.1	26				
5/17/2001	XX	401BXX37028	0.1 U	1.6		203	12	30	117	98	99	1.1	23.1				
8/1/2001	XX	401BXX37104	0.1 U	1 U		213	3	31.8	128.2	102	102	3.7	25.1				
10/24/2001	XX	401BXX37188	0.1 U	1 U		215	29	29.8	119.6	98	104	1.4	26.1				

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

(401B)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
5/22/2002	XX	401BXX37398	0.15	1 U		213	6	32	85.4	100	104	1.3	25.5
7/30/2002	XX	401BXX37467	0.1 U	1 U		218	1 U	34.5	92.9	97	108	1.4	25.4
10/22/2002	XX	401BXX37551	0.1 U	1 U		191	1 U	30.4	87.9	109	112	1 U	25.3
6/25/2003	XX	401BXX37797	0.2 U	2 U		170	1 U	33	160	110	110	1.3	25
8/11/2003	XX	401BXX37844	0.2 U	2 U		170	1 U	30	150	107	110	1.1	19
10/21/2003	XX	401BXX37915	0.2 U	2 U		200	1 U	29	160	108	110	1	20
5/10/2004	XX	401BXX38117	0.2 U	2 U		150	1 U	35	160	98	110	1	21
7/29/2004	XX	401BXX38197	0.2 U	2 U		170	1 U	32	140	100	110	1.2	20
10/21/2004	XX	401BXX38281	0.2 U	2 U		270	1 U	32	160	110	120	1 U	20
5/9/2005	XX	GW401B013	0.2 U	2 U		210	1.2	32	160	98	100	1.2	20
7/28/2005	XX	GW401B02F	0.2 U	2 U		230	3.6	30	170	115	120	1 U	17
11/8/2005	XX	GW401B047	0.2 U	2 U		200	1 U	34	150	120	130	1.1	20
5/4/2006	XX	GW401B093	0.2 U	2 U		210	1 U	30	170	115	120	1.8	18
8/2/2006	XX	GW401B07B	0.2 U	2 U		190	1 U	32	160	115	120	1 U	17
10/30/2006	XX	GW401B05J	0.32	2 U		210	1 U	32	140	120	130	1 U	16
5/7/2007	XX	GW401B0AF	0.5 U	0.5 U		210	1 U	32	170	140	150	1 U	14
8/14/2007	XX	GW401B0C8	0.2 U	0.5 U		220	1 U	31	150	110	130	3.6	15
11/5/2007	XX	GW401B0E0	0.2 U	0.5 U		230	1 U	33	210	130	140	1	17
6/5/2008	XX	GW401B0G8	0.2 U	0.5 U		220	1 U	29	160	130	140	1.4	11
8/20/2008	XX	GW401B0I8	0.2 U	0.5 U		230	1 U	31	160	120	140	1.4	12
10/27/2008	XX	GW401B0JG	0.2 U	0.5 U		180	1 U	28	190	120	140	1.7	13
5/13/2009	XX	GW401B11G	0.2 U	0.5 U		230	0.6 U	32	150	135	140	1.6	12
8/13/2009	XX	GW401B13G	0.2 U	0.5 U		220	0.6 U	33	180	120	140	1.3	11
10/28/2009	XX	GW401B154	0.2 U	0.5 U		190	1 U	30	150	145	150	2.1	11
6/3/2010	XX	GW401B175	0.2 U	0.5 U		220	1 U	31	170	140	140	2.2	10
8/17/2010	XX	GW401B196	0.2 U	0.5 U		220	1 U	28	160	150	150	2.4	10
10/19/2010	XX	GW401B1AE	0.2 U	0.5 U		220	1.3 U	31	140	145	150	1.6	10
5/16/2011	XX	GW401B1DF	0.2 U	0.5 U		230	5 U	29	160	150	150	3.1	9.8
8/8/2011	XX	GW401B1F6	0.08 U	0.2 U		220	0.38 U	31	150	160	160	1.4	9.6
11/1/2011	XX	GW401B1GH	0.082 U	0.2 U		220	0.32 U	27	160	170	170	1.6	6.9
5/14/2012	XX	GW401B1IB	0.2 U	0.5 U		200	2.5 U	26	160	150	150	1 U	6.9
8/14/2012	XX	GW401B204	0.2 U	0.25 U		150	2.8 U	26	140	160	160	1.43	6.3
11/1/2012	XX	GW401B21I	0.2 U	0.25 U		230	2.5 U	26	170	160	160	1	6.5
5/21/2013	XX	GW401B23C	0.2 U	0.25 U		200	2.5 U	26	160	160	160	1	6.7
7/22/2013	XX	GW401B256	0.2 U	0.25 U		230	2.5 U	25	160	150	150	1.1	6.3
9/30/2013	XX	GW401B270	0.2 U	0.25 U		220	2.5 U	26	170	170	170	0.99	6.4
6/4/2014	XX	GW401B28E	0.1 U	0.05 U		240	4 U	24	176	160	160	1 U	7
8/19/2014	XX	GW401B2A8	0.1 U	0.05 U		240	5.6	24	175	180	180	1 U	9
11/11/2014	XX	GW401B2C2	0.1 U	0.05 U		220	4 U	24	157	180	180	1 U	8.1
6/2/2015	XX	GW401B2DI	0.1 U	0.05 U		230	4 U	20	165	160	160	1 U	6.8
9/1/2015	XX	GW401B2FD	0.1 U	0.05 U		220	4 U	20	189	180	180	1 U	6.6
11/3/2015	XX	GW401B2H7	0.1 U	0.05 U		230	4 U	21	186	180	180	1 U	7.2
6/14/2016	XX	GW401B30H	0.1 U	0.05 U		230	4 U	21	191	180	180	1 U	6.7
9/20/2016	XX	GW401B32B	0.1 U	0.05 U		270	4 U	20	191	190	190	1 U	5.8
11/9/2016	XX	GW401B345	0.1 U	0.05 U		230	4 U	20	185	200	200	1.1	7.8
6/14/2017	XX	GW401B360	0.1 U	0.05 U		200	4 U	20	197	190	190	1.2	6
8/29/2017	XX	GW401B37E	0.1 U	0.05 U		240	4 U	17	183	200	200	1 U	4.6
11/14/2017	XX	GW401B398	0.1 U	0.05 U		230	4 U	17	180	200	200	1 U	4.8
6/20/2018	XX	GW401B3B3	0.1 U	0.05 U		270	4 U	17	210	200	200	1 U	5.2
8/15/2018	XX	GW401B3DC	0.1 U	0.05 U		240	4 U	17	200	240	300	1 U	4.6

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

(401B)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
11/30/2018	XX	GW401B3EB	0.1 U	0.05 U		220	4 U	15	198	200	200	1 U	4.1				
6/5/2019	XX	GW401B3G6	0.1 U	0.05 U		250	4 U	14	194	210	210	1 U	3.6				
8/14/2019	XX	GW401B3IF	0.1 U	0.05 U		260	4 U	15	194	210	210	1 U	5.7				
10/22/2019	XX	GW401B3JE	0.1 U	0.05 U		260	4 U	14	205	200	200	1 U	4.3				
6/17/2020	XX	GW401B419	0.1 U	0.05 U		220	4 U	12	202	240	240	1 U	2.6				
8/4/2020	XX	GW401B43I	0.1 U	0.05 U		200	4 U	11		210	210	1 U	3.6				
8/4/2020	XX	GW401B43IR							210								
10/21/2020	XX	GW401B44H	0.1 U	0.05 U		240	4.4	11	217	210	210	1 U	2.2				
402A																	
5/3/2000	XX	402AXX36649	0.178	1 U		128	2	9.3	86.9	78	88.9	1 U	4.4				
8/10/2000	XX	402AXX36748	0.119	1 U		81	1 U	10.8	67.2	85	92.9	1 U	4.5				
11/9/2000	XX	402AXX36839	0.1 U	1 U		131	1 U	8.4	57.4	90	94.9	1 U	5.3				
5/17/2001	XX	402AXX37028	0.1 U	1 U		125	2	9.2	58.7	91	92	1 U	7.2				
8/1/2001	XX	402AXX37104	0.1 U	1 U		180	1	9.7	63.4	90	90	3.2	7.2				
10/24/2001	XX	402AXX37188	0.1 U	1 U		137	4	8.6	62.3	82	90	1.6	8.3				
5/22/2002	XX	402AXX37398	0.18	1 U		141	1 U	9	63.9	83	86	1 U	6.7				
7/30/2002	XX	402AXX37467	0.1 U	1 U		142	1 U	9.4	68.9	85	90	1 U	8.1				
10/22/2002	XX	402AXX37551	0.1 U	1 U		121	1 U	9.3	61.8	76	82	1 U	8.3				
6/25/2003	XX	402AXX37797	0.2 U	2 U		100	1 U	10	110	89	91	1 U	10				
8/11/2003	XX	402AXX37844	0.2 U	2 U		86	1 U	8.6	100	86	90	1 U	8.6				
10/22/2003	XX	402AXX37916	0.2 U	2 U		120	1 U	9.5	99	88	90	1 U	9.8				
5/11/2004	XX	402AXX38118	0.2 U	2 U		87	1 U	10	120	90	91	1 U	12				
7/29/2004	XX	402AXX38197	0.2 U	2 U		100	1 U	9.4	100	79	82	1 U	12				
10/26/2004	XX	402AXX38286	0.2 U	2 U		120	1 U	10	110	85	90	1 U	14				
5/9/2005	XX	GW402A014	0.2 U	2 U		150	1 U	8.5	110	79	81	1 U	14				
8/1/2005	XX	GW402A02G	0.2 U	2 U		190	1 U	8.8	120	88	91	1 U	12				
11/9/2005	XX	GW402A048	0.47	2 U		110	1 U	8.3	120	94	96	1.2	15				
5/4/2006	XX	GW402A094	0.2 U	2 U		130	1 U	8	120	90	93	1 U	16				
8/2/2006	XX	GW402A07C	0.2 U	2 U		120	1 U	8.4	110	89	90	1.2	15				
10/30/2006	XX	GW402A060	0.2	2 U		120	1 U	8.7	120	88	89	1 U	16				
5/7/2007	XX	GW402A0AG	0.5 U	0.5 U		140	1 U	7.8	120	95	100	1 U	16				
8/14/2007	XX	GW402A0C9	0.2 U	0.5 U		160	1 U	8.5	99	89	90	2.8	19				
11/5/2007	XX	GW402A0E1	0.2 U	0.5 U		160	1 U	8.6	150	93	94	1 U	21				
6/5/2008	XX	GW402A0G9	0.2 U	0.5 U		150	1 U	7.7	120	94	94	1 U	16				
8/20/2008	XX	GW402A0I9	0.2 U	0.5 U		170	1 U	8.2	120	93	95	1.3	18				
10/27/2008	XX	GW402A0JH	0.2 U	0.5 U		130	1 U	7.1	130	94	95	1.3	22				
5/13/2009	XX	GW402A11H	0.2 U	0.5 U		160	0.6 U	8.3	110	94	95	1.2	22				
5/13/2009	XD	LTDP4X10D	0.2 U	0.5 U		130	0.6 U	8.3	110		94	1 U	22				
8/13/2009	XX	GW402A13H	0.2 U	0.5 U		170	0.6 U	8.8	130	94	95	1 U	21				
10/28/2009	XX	GW402A155	0.2 U	0.5 U		130	1 U	7.1	100	93	96	1.6	24				
6/3/2010	XX	GW402A176	0.2 U	0.5 U		160	1.1 U	7.2	120	85	94	1.5	21				
8/17/2010	XX	GW402A197	0.2 U	0.5 U		180	1 U	6.4	110	96	97	1.8	27				
10/19/2010	XX	GW402A1AF	0.2 U	0.5 U		170	1.4 U	8.3	110	94	96	1.7	29				
5/16/2011	XX	GW402A1DG	0.2 U	0.5 U		170	5 U	8.3	120	98	98	1.6	32				
8/8/2011	XX	GW402A1F7	0.08 U	0.2 U		190	0.38 U	12	110	93	93	1.4	34				
11/1/2011	XX	GW402A1GI	0.082 U	0.2 U		170	0.32 U	8	120	100	100	1.8	27				
5/16/2012	XX	GW402A1IC	0.2 U	0.5 U		180	2.5 U	7.1	120	91	91	1.65	33				
8/15/2012	XX	GW402A205	0.2 U	0.25 U		180	2.5 U	7.1	120	96	96	1.87	32				
10/31/2012	XX	GW402A21J	0.2 U	0.25 U		170	3.3	6.6	140	85	85	1.4	29				

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

(402A) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
5/20/2013	XX	GW402A23D	0.2 U	0.25 U		180	2.5 U	7.8	110	94	94	1.2	26
7/22/2013	XX	GW402A257	0.2 U	0.25 U		190	2.5 U	7.1	130	94	94	1.5	31
9/30/2013	XX	GW402A271	0.2 U	0.25 U		190	2.5 U	7.2	130	100	100	1.5	31
6/4/2014	XX	GW402A28F	0.1 U	0.05 U		210	4 U	7.7	157	100	100	1.1	34
8/19/2014	XX	GW402A2A9	0.1 U	0.05 U		220	4 U	7.6	149	110	110	1.3	34
11/11/2014	XX	GW402A2C3	0.1 U	0.05 U		170	4 U	8	130	110	110	1.1	32
6/4/2015	XX	GW402A2DJ	0.1 U	0.05 U		190	4 U	6.9	144	100	100	1.3	35
9/1/2015	XX	GW402A2FE	0.1 U	0.05 U		200	4 U	6.8	154	110	110	1.5	34
11/3/2015	XX	GW402A2H8	0.1 U	0.05 U		170	4 U	7.8	150	110	110	1.3	33
6/14/2016	XX	GW402A30I	0.1 U	0.05 U		220	4 U	7.8	162	110	110	1.3	38
9/20/2016	XX	GW402A32C	0.1 U	0.05 U		220	4 U	8	171	120	120	1.5	39
11/9/2016	XX	GW402A346	0.1 U	0.05 U		190	4 U	7.9	180	130	130	1.8	40
6/14/2017	XX	GW402A361	0.1 U	0.05 U		180	4 U	13	166	110	110	1.7	36
8/29/2017	XX	GW402A37F	0.1 U	0.05 U		200	4 U	6.8	172	120	120	1.3	38
11/15/2017	XX	GW402A399	0.1 U	0.05 U		180	4 U	6.4	168	120	120	1.3	33
6/20/2018	XX	GW402A3B4	0.1 U	0.05 U		220	4 U	7.4	182	120	120	1.3	39
8/15/2018	XX	GW402A3DD	0.1 U	0.05 U		650	4 U	4.5	172	650	650	1.4	15
11/28/2018	XX	GW402A3EC	0.1 U	0.05 U		170	4 U	6.7	170	120	120	1.4	32
6/5/2019	XX	GW402A3G7	0.1 U	0.05 U		250	4 U	6.5	184	130	130	1.5	36
8/13/2019	XX	GW402A3IG	0.1 U	0.05 U		240	4 U	6.6	180	140	140	1.6	40
10/22/2019	XX	GW402A3JF	0.1 U	0.44		240	4 U	7.4	177	130	130	1.9	34
6/17/2020	XX	GW402A41A	0.1 U	0.05 U		200	4 U	6.5	177	140	140	1.7	35
8/4/2020	XX	GW402A43J	0.1 U	0.05 U		180	4 U	6.6		140	140	1.8	34
8/4/2020	XX	GW402A43JR							206				
10/21/2020	XX	GW402A44I	0.1 U	0.85		250	4 U	6.6	203	140	140	1.7	36
402B													
5/3/2000	XX	402BXX36649	0.1 U	2.9		796	91	8.5	689.4	610	680.7	16.5	58
8/10/2000	XX	402BXX36748	0.1 U	3.8		1299	4	7.8	1084.4	1000	1131.2	23.1	122
11/9/2000	XX	402BXX36839	0.221	3		1205	5	7.6	926.4	1000	1071.6	21.4	98.7
5/17/2001	XX	402BXX37028	0.1 U	2.5		1308	1	7.9	1038.7	1050	1148	21.9	79.4
8/1/2001	XX	402BXX37104	0.1 U	1.1		1305	3	7.2	1137.5	1100	1130	22.2	75.8
10/24/2001	XX	402BXX37188	0.115	1 U		1258	5	30.9	1082.1	1029	1045	18.7	82.8
5/22/2002	XX	402BXX37398	0.1 U	1.45		1089	3	10.1	958.6	880	974	15.3	65.3
8/7/2002	XX	402BXX37475	0.1 U	1.1		1079	2	10.9	866.8	864	934	16.5	63.8
10/24/2002	XX	402BXX37553	0.1 U	1 U		1068	3	17.2	937.6	1000	1040	211.2	70.8
6/25/2003	XX	402BXX37797	0.2 U	2 U		830	1 U	13	920	720	780	16	50
8/11/2003	XX	402BXX37844	0.37	2 U		880	1 U	7.6	840	890	940	13	51
10/22/2003	XX	402BXX37916	0.25	2 U		890	1 U	7.1	900	760	810	14	40
5/11/2004	XX	402BXX38118	0.2 U	2 U		730	1 U	10	680	680	710	14	39
8/2/2004	XX	402BXX38201	0.28	2 U		770	1 U	9.4	710	690	740	13	42
10/26/2004	XX	402BXX38286	0.2 U	2 U		810	1 U	7.8	820	700	730	10	39
5/9/2005	XX	GW402B015	0.2 U	2 U		700	1 U	8.4	640	460	480	8.6	34
8/1/2005	XX	GW402B02H	0.2 U	2 U		940	1 U	8.2	870	760	810	9.3	44
11/9/2005	XX	GW402B049	0.2 U	2 U		670	1 U	7.4	950	700	750	8.7	41
5/5/2006	XX	GW402B095	0.2 U	2 U		640	2.5	7.1	760	600	640	8.7	30
8/2/2006	XX	GW402B07D	0.2 U	2 U		800	1 U	7.3	820	740	790	9.8	39
10/30/2006	XX	GW402B061	0.34	2 U		630	1 U	6	610	600	630	7.6	27
5/7/2007	XX	GW402B0AH	0.5 U	0.5 U		680	1 U	6.5	650	690	730	6	24
8/14/2007	XX	GW402B0CA	0.2 U	0.5 U		780	1 U	7.7	720	720	750	37	33

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

(402B)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
11/5/2007	XX	GW402B0E2	4.6	0.5 U		660	1 U	7.8	710	610	670	11	26				
6/11/2008	XX	GW402B0GA	0.2 U	0.5 U		770	1 U	7.3	740	710	770	13	25				
8/20/2008	XX	GW402B0IA	0.2 U	0.5 U		800	1 U	8.6	710	710	770	10	25				
8/20/2008	XD	GWDP4X0H5	0.2 U	0.5 U		790	1 U	8.7	700		770	11	25				
10/27/2008	XX	GW402B0JI	0.2 U	0.5 U		720	1 U	7	800	680	740	13	26				
5/13/2009	XX	GW402B11I	0.2 U	0.5 U		750	0.6 U	8	730	690	720	13	26				
8/13/2009	XX	GW402B13I	0.2 U	0.5 U		400	0.6 U	8.3	910	680	720	9.5	25				
8/13/2009	XD	GWDP4X12D	0.2 U	0.5 U		760	0.6 U	8.3	860		720	9.6	26				
10/28/2009	XX	GW402B156	0.2 U	0.5 U		490	1 U	7	540	670	700	15	26				
6/3/2010	XX	GW402B177	0.2 U	0.5 U		690	1.1 U	7.3	790	620	680	13	27				
8/17/2010	XX	GW402B198	0.2 U	0.5 U		720	1 U	7	630	670	700	13	28				
8/17/2010	XD	GWDP4X183	0.2 U	0.5 U		720	2.2 U	7.3	590		700	12	28				
10/19/2010	XX	GW402B1AG	0.2 U	0.5 U		700	2.5 U	8.1	570	650	690	10	30				
5/16/2011	XX	GW402B1DH	0.2 U	0.5 U		580	5 U	6.6	550	540	540	12	23				
8/8/2011	XX	GW402B1F8	0.08 U	0.2 U		170	0.38 U	14	590	140	140	11	4.6				
11/1/2011	XX	GW402B1GJ	0.082 U	0.2 U		670	0.32 U	7.4	630	710	710	11	26				
5/16/2012	XX	GW402B1ID	0.2 U	0.5 U		600	2.5 U	6.8	540	580	580	5.64	22				
8/15/2012	XX	GW402B206	0.2 U	0.25 U		690	2.5 U	6.9	460	640	640	7.05	26				
10/31/2012	XX	GW402B220	0.2 U	0.25 U		590	2.5 U	6.4	610	590	590	6	22				
5/20/2013	XX	GW402B23E	0.2 U	0.25 U		650	2.5 U	7.2	510	630	630	5.9	23				
7/22/2013	XX	GW402B258	0.2 U	0.25 U		700	2.5 U	7.1	560	620	620	5.9	23				
9/30/2013	XX	GW402B272	0.2 U	0.25 U		640	2.5 U	6.8	590	670	670	6.1	23				
6/4/2014	XX	GW402B28G	0.1 U	0.05 U		700	4.4	7	626	630	630	4.4	21				
8/19/2014	XX	GW402B2AA	0.1 U	0.05 U		710	4 U	6.9	614	670	670	5	20				
11/11/2014	XX	GW402B2C4	0.1 U	0.05 U		640	4 U	6.8	576	630	630	4.8	20				
6/4/2015	XX	GW402B2E0	0.1 U	0.05 U		660	4 U	6.2	578	590	590	4.7	17				
9/1/2015	XX	GW402B2FF	0.15	0.39		710	4 U	5.9	688	640	640	5.4	18				
11/3/2015	XX	GW402B2H9	0.13	0.05 U		620	4 U	1.5	581	600	600	5.1	17				
6/14/2016	XX	GW402B30J	0.1 U	0.05 U		690	4 U	6.1	625	600	600	4.3	20				
9/20/2016	XX	GW402B32D	0.11	0.05 U		670	4 U	5.7	630	620	620	4.9	17				
11/9/2016	XX	GW402B347	0.11	0.05 U		660	4 U	5.7	638	660	660	5.5	18				
6/14/2017	XX	GW402B362	0.1 U	0.05 U		640	4 U	8.5	646	620	620	4.9	14				
8/29/2017	XX	GW402B37G	0.1 U	0.05 U		640	4 U	3.8	582	620	620	4.5	14				
11/15/2017	XX	GW402B39A	0.1	0.05 U		630	4 U	3.9	596	650	650	4.6	13				
6/20/2018	XX	GW402B3B5	0.1 U	0.05 U		650	4 U	4.9	620	640	640	4.3	18				
8/15/2018	XX	GW402B3DE	0.1 U	0.54		650	4 U	4.5	586	140	140	4.5	14				
11/28/2018	XX	GW402B3ED	0.1	0.05 U		640	10	7.3	590	620	620	4.5	13				
6/5/2019	XX	GW402B3G8	0.1 U	0.05 U		650	4 U	4.9	588	600	600	4.3	11				
8/13/2019	XX	GW402B3IH	0.1 U	0.05 U		600	4 U	5.6	572	610	620	4.9	14				
10/22/2019	XX	GW402B3JG	0.1 U	0.05 U		660	4 U	6.4	588	590	590	5	12				
6/17/2020	XX	GW402B41B	0.1 U	0.05 U		590	4 U	5.7	546	630	630	4.5	10				
8/4/2020	XX	GW402B440	0.1 U	0.05 U		540	4 U	6.4		580	580	4.5	11				
8/4/2020	XX	GW402B440R							607								
10/21/2020	XX	GW402B44J	0.11	0.05 U		590	4 U	6.2	606	580	580	4.7	9.8				
LDS																	
6/10/2008	XX	LDSXX39597	0.21	0.5 U	0.045	550	8.6	22	480	430	460	19	28				
8/19/2008	XX	LDSXX39687	0.2 U	0.5 U	0.053	600	8.8	22	510	470	500	20	25				
10/22/2008	XX	LDSXX39736	0.2 U	0.5 U	0.06	640	9.9	13	640	520	550	11	25				
5/7/2009	XX	LDSXX39940	2.7	0.5 U		880	37	1 U	870	790	820	30	49				

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

(LDS) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
8/12/2009	XX	LDSXX40037	2.8	0.5 U	0.05 U	800	72	1 U	680	725	770	19	40
10/27/2009	XX	LDSXX40113	2.2	0.5 U	0.02 U	820	24	9.5	650	740	770	49	41
6/7/2010	XX	GWXXXX1B8	5.9	0.5 U	0.02 U	970	42	1 U	790	840	880	25	47
8/18/2010	XX	GWXXXX1B9	7.1	0.5 U	0.02 U	1000	34	1 U	660	880	950	42	54
10/21/2010	XX	GWXXXX1BA	4.5	0.5 U	0.24	860	32	1 U	590	785	810	29	49
5/18/2011	XX	LTXXXX1EF	1.4	0.5 U	0.045	560	20	18	440	510	510	18	38
8/10/2011	XX	LTXXXX1G6	1.5	0.2 U	0.079	580	17	19	360	520	520	11	40
11/2/2011	XX	LTXXXX1HH	1.6	0.2 U	0.044	620	13	19	430	500	500	12	35
5/14/2012	XX	LTXXXX1JB	5.1	0.5 U	0.02 U	850	18	30	730	676	676	21	41
8/14/2012	XX	LTXXXX214	7.1	0.25 U	0.086	370	46	3.7	180	320	320	41.3	4
10/30/2012	XX	LTXXXX22I	5.4	0.25 U	0.043	790	14	27	650	710	710	20	42
5/21/2013	XX	LTXXXX24C	5	0.25 U	0.041	830	15	24	600	740	740	18	40
7/25/2013	XX	LTXXXX266	4.9	0.25 U	0.042	840	14	21	580	690	690	19	38
10/1/2013	XX	LTXXXX280	4.9	0.25 U	0.02 U	800	15	13	620	710	710	17	38
6/5/2014	XX	LTXXXX29E	7.9	0.05 U	0.1 U	1000	14	1 U	738	830	830	23	49
8/21/2014	XX	LTXXXX2B8	1.4	0.05 U	0.1 U	550	4.4	16	406	440	440	7.2	37
11/13/2014	XX	LTXXXX2D2	0.66	0.19	0.1 U	560	4 U	29	428	480	480	8.4	38
6/4/2015	XX	LTXXXX2EI	1.2	0.05 U	0.1 U	590	10	20	419	440	440	6.5	37
9/3/2015	XX	LTXXXX2GD	1	0.05 U	0.1 U	570	9.6	16	436	460	460	6.8	32
11/5/2015	XX	LTXXXX2I7	1.1	0.05 U	0.1 U	580	8.8	16	452	470	470	6.2	37
6/16/2016	XX	LTXXXX31H	1.6	0.05 U	0.1 U	630	6.4	26	496	500	500	7.6	34
9/22/2016	XX	LTXXXX33B	1.5	0.05 U	0.1 U	620	9.6	1 U	473	480	480	7.6	34
11/10/2016	XX	LTXXXX355	1.3	0.05 U	0.1 U	590	10	1 U	444	540	540	8	36
6/15/2017	XX	LTXXXX370	3.9	0.05 U	0.1 U	780	6.8	36	658	640	640	16	38
8/31/2017	XX	LTXXXX38E	2.4	0.05 U	0.1 U	720	7.6	22	547	590	590	11	38
11/16/2017	XX	LTXXXX3A8	2.6	0.05 U	0.1 U	680	8	51	503	560	560	12	35
6/21/2018	XX	LTXXXX3C3	3.2	0.05 U	0.1 U	760	5.6	30	578	620	620	13	35
8/16/2018	XX	LTXXXX3CI	2.8	0.05 U	0.1 U	750	8.8	24	555	630	630	12	38
11/29/2018	XX	LTXXXX3FB	6.2	0.05 U	0.1 U	820	4 U	29	712	720	720	24	42
6/6/2019	XX	LTXXXX3H6	6.6	0.05 U	0.1 U	900	4.8	26	755	810	810	21	39
8/15/2019	XX	LTXXXX3I1	6	0.05 U	0.1 U	880	8	23	651	760	760	19	40
10/24/2019	XX	LTXXXX40E	2.3	0.05 U	0.1 U	620	23	16	533	550	550	12	31
6/18/2020	XX	LTXXXX429	2.4	0.05 U	0.1 U	860	13	12	531	630	630	11	150
8/6/2020	XX	LTXXXX434	2.6	0.05 U	0.1 U	790	17	5.8	573	580	580	11	120
10/22/2020	XX	LTXXXX45H	2.4	0.05 U	0.1 U	780	10	10 U	559	580	580	10	110
LPD2													
5/19/2005	XX	LTLPD2003	0.79	2 U	0.1 U	160	4	4.5	120	115	120	6.9	2 U
8/2/2005	XX	LTLPD201F	3.3	2 U		410	16	6.9	410	345	370	17	4.5
10/26/2005	XX	LTLPD2037	2.9	2 U	0.12	160	12	18	130	110	120	11	2 U
5/10/2006	XX	LTLPD2083	0.2 U	2 U	0.02 U	95	3	3.5	120	97	99	8.1	2
7/24/2006	XX	LTLPD206B	0.21	2 U	0.024	100	7	1.9	110	100	100	9.2	2 U
10/10/2006	XX	LTLPD204J	4.9	2 U	0.02 U	320	22	12	340	290	310	24	5.2
5/21/2007	XX	LTLPD209F	0.65	2 U	0.02 U	94	1 U	1.8	100	100	110	4.2	1
8/6/2007	XX	LTLPD20B8	1.5	0.5 U	0.17	370	30	6.9	360	300	330	40	6.1
10/24/2007	XX	LTLPD20D0	0.43	0.5 U	0.074	170	5.7	24	100	62	63	9.7	2 U
5/28/2008	XX	LTLPD20F8	1.7	0.5 U	0.02 U	140	1 U	3.4	140	145	150	8	2 U
8/11/2008	XX	LTLPD20H8	0.2 U	0.5 U	0.03	130	1.3	1.5	120	110	130	8.2	2 U
10/15/2008	XX	LTLPD20IG	2.4	0.67	0.04	140	3.7	17	130	100	110	10	2 U
5/6/2009	XX	LTLPD210G	0.2 U	0.5 U		120	0.6 U	1.3	90	98	100	5.8	1.1

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

(LPD2)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
5/6/2009	XD	GWDP2X10B	0.2 U	0.5 U		150	0.6 U	1.2	90		100	4.8	2 U
8/4/2009	XX	LTLPD212G	0.2 U	0.5 U	0.03	120	2 U	1 U	86	89	91	6.4	2 U
10/19/2009	XX	LTLPD2144	0.71	0.5 U	0.04	140	5.2	15	86	71	72	9.9	2 U
10/19/2009	XD	GWDP2X15F	0.71	2.2	0.05	120	1.3	15	90		100	10	2 U
5/25/2010	XX	LTLPD2165	2.8	0.5 U	0.02 U	190	2.7	3.6	180	165	170	11	2 U
8/2/2010	XX	LTLPD2186	1.9	0.5 UH	0.029	280	25	1 U	110	240	260	28	3.3
10/12/2010	XX	LTLPD219E	0.62	1.5	0.062	150	4.8	30	97	73	74	9.6	2 U
10/12/2010	XD	GWDP2X1B5	0.55	1.6	0.035	160	4.7	31	51		74	9.8	2 U
5/18/2011	XX	LTXXXX1EE	0.2 U	0.5 U	0.02 U	26	5 U	2.9	44	44	44	4	2 U
8/10/2011	XX	LTXXXX1G5	4.3	0.2 U	0.12	330	13	5	240	300	300	39	6.2
11/2/2011	XX	LTXXXX1HG	6.3	0.2 U	0.039	200	17	15	170	210	210	13	1.2 U
5/14/2012	XX	LTXXXX1JA	0.2 U	0.5 U	0.02 U	70	2.5 U	2.6	66	63	63	7	2 U
8/14/2012	XX	LTXXXX213	4.6	0.25 U	0.03	810	14	21	550	710	710	23.1	41
10/30/2012	XX	LTXXXX22H	3.4	0.58	0.041	200	13	35	140	120	120	9.5	1
5/21/2013	XX	LTXXXX24B	0.2 U	0.25 U	0.025	28	3.1	2.4	48	53	53	6.2	0.58
7/25/2013	XX	LTXXXX265	0.86	0.25 U	2.4	130	11	13	70	91	91	8.2	0.7
10/1/2013	XX	LTXXXX27J	2.1	0.4	0.031	140	6.9	14	88	120	120	9.4	0.58
6/5/2014	XX	LTXXXX29D	0.16	0.05 U	0.1 U	98	8	1 U	67.2	82	82	5.6	2 U
8/21/2014	XX	LTXXXX2B7	3.4	0.05 U	0.14	310	25	1 U	218	250	250	23	7.2
11/13/2014	XX	LTXXXX2D1	2.7	0.81	0.1 U	190	29	33	125	110	110	7.4	2.6
6/4/2015	XX	LTXXXX2EH	0.1 U	0.05 U	0.1 U	68	4 U	3.4	56.3	56	56	4.4	2.7
9/3/2015	XX	LTXXXX2GC	1.6	1.6	0.1 U	180	4 U	24	110	91	91	15	2.7
11/5/2015	XX	LTXXXX2I6	4.3	0.49	0.1 U	200	34	16	151	150	150	8.8	3.1
6/16/2016	XX	LTXXXX31G	4.6	0.31	0.1 U	290	4 U	1 U	268	260	260	11	7.1
9/22/2016	XX	LTXXXX33A	D	D	D	D	D	D	D	D	D	D	D
11/10/2016	XX	LTXXXX354	D	D	D	D	D	D	D	D	D	D	D
6/15/2017	XX	LTXXXX36J	0.54	2.4	0.1 U	94	4 U	4.9	82.7	79	79	7.4	2.2
8/31/2017	XX	LTXXXX38D	6.2	0.19	0.1 U	310	8.4	15	235	250	250	27	6.8
11/16/2017	XX	LTXXXX3A7	2.1	1	0.1 U	190	10	43	135	78	78	7.1	2.9
6/21/2018	XX	LTXXXX3C2	2.6	0.076	0.1 U	200	6	1.9	168	160	160	12	2.1
8/16/2018	XX	LTXXXX3CH	0.8	5.3	0.1 U	230	4 U	22	108	92	92	11	2.1
11/29/2018	XX	LTXXXX3FA	2.7	0.39	0.1 U	180	19	38	136	94	94	8.2	3.9
6/6/2019	XX	LTXXXX3H5	0.1 U	0.05 U	0.1 U	76	4 U	2.9	50.5	45	45	5.2	2 U
8/15/2019	XX	LTXXXX3I0	4.5	0.05 U	0.1 U	250	7.2	11	213	220	220	15	4.4
10/24/2019	XX	LTXXXX40D	1	2.7	0.1 U	130	8	23	89.7	58	58	12	3.6
6/18/2020	XX	LTXXXX428	3.6	0.05 U	0.1 U	200	4 U	6.3	192	220	220	10	2.2
8/6/2020	XX	LTXXXX433	3.7	0.05 U	0.18	370	12	1 U	297	280	280	43	14
10/22/2020	XX	LTXXXX45G	0.18	6.2	0.1 U	150	4 U	40	90.2	21	21	9.8	2 U
ND													
5/3/2000	XX	NDXX36649	D		D			D	D			D	D
8/9/2000	XX	NDXX36747	D		D			D	D			D	D
11/8/2000	XX	NDXX36838	D		D			D	D			D	D
5/16/2001	XX	NDXX37027	D	D			D	D	D	D	D	D	D
7/31/2001	XX	NDXX37103	D	D			D	D	D	D	D	D	D
10/23/2001	XX	NDXX37187	D	D	D		D	D	D	D	D	D	D
5/21/2002	XX	NDXX37397	D	D	D	D	D	D	D	D	D	D	D
7/30/2002	XX	NDXX37467	D	D	D	D	D	D	D	D	D	D	D
10/22/2002	XX	NDXX37551	D	D	D	D	D	D	D	D	D	D	D
6/23/2003	XX	NDXX37795	D	D	D	D	D	D	D	D	D	D	D

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

(ND)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
8/13/2003	XX	NDXX37846	D	D	D	D	D	D	D	D	D	D	D
10/20/2003	XX	NDXX37914	D	D	D	D	D	D	D	D	D	D	D
5/6/2004	XX	NDXX38113	D	D	D	D	D	D	D	D	D	D	D
7/27/2004	XX	NDXX38195	D	D	D	D	D	D	D	D	D	D	D
10/25/2004	XX	NDXX38285	D	D	D	D	D	D	D	D	D	D	D
5/12/2005	XX	SWNDXX016	D	D		D	D	D	D	D	D	D	D
7/25/2005	XX	SWNDXX02I	D	D		D	D	D	D	D	D	D	D
11/10/2005	XX	SWNDXX04A	0.2 U	2 U	0.1 U	96	20	10	77	61	63	8.6	2 U
5/2/2006	XX	SWNDXX096	0.21	2 U	0.16	73	160	9.2	79	53	56	16	2 U
8/3/2006	XX	SWNDXX07E	D	D	D	D	D	D	D	D	D	D	D
10/18/2006	XX	SWNDXX062	D	D	D	D	D	D	D	D	D	D	D
5/21/2007	XX	SWNDXX0AI	D	D		D	D	D	D	D	D	D	D
8/8/2007	XX	SWNDXX0CB	D	D		D	D	D	D	D	D	D	D
11/6/2007	XX	SWNDXX0E3	D	D		D	D	D	D	D	D	D	D
6/11/2008	XX	SWNDXX0GB	0.2 U	0.5 U	0.12	200	5.5	21	150	105	110	21	2 U
8/19/2008	XX	SWNDXX0IB	D	D	D	D	D	D	D	D	D	D	D
10/22/2008	XX	SWNDXX0JJ	D	D	D	D	D	D	D	D	D	D	D
5/18/2009	XX	SWNDXX11J	D	D		D	D	D	D	D	D	D	D
8/17/2009	XX	SWNDXX13J	D	D	D	D	D	D	D	D	D	D	D
10/29/2009	XX	SWNDXX157	D	D	D	D	D	D	D	D	D	D	D
6/7/2010	XX	SWNDXX178	0.2 U	0.5 U	0.031	160	1.5	5.1	160	120	120	16	2 U
8/18/2010	XX	SWNDXX199	D	D		D	D	D	D	D	D	D	D
10/21/2010	XX	SWNDXX1AH	D	D		D	D	D	D	D	D	D	D
5/18/2011	XX	SWXXXX1E9	0.2 U	0.5 U	0.02 U	86	5 U	4.2	86	89	89	5	2 U
8/10/2011	XX	SWXXXX1G0	D	D	D	D	D	D	D	D	D	D	D
11/2/2011	XX	SWXXXX1HB	D	D	D	D	D	D	D	D	D	D	D
5/14/2012	XX	SWXXXX1J5	D	D	D	D	D	D	D	D	D	D	D
8/14/2012	XX	SWXXXX20I	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/29/2012	XX	SWXXXX22C	D	D	D	D	D	D	D	D	D	D	D
5/21/2013	XX	SWXXXX246	D	D	D	D	D	D	D	D	D	D	D
7/24/2013	XX	SWXXXX260	D	D	D	D	D	D	D	D	D	D	D
10/1/2013	XX	SWXXXX27E	D	D	D	D	D	D	D	D	D	D	D
6/5/2014	XX	SWXXXX298	D	D	D	D	D	D	D	D	D	D	D
8/21/2014	XX	SWXXXX2B2	D	D	D	D	D	D	D	D	D	D	D
11/13/2014	XX	SWXXXX2CG	D	D	D	D	D	D	D	D	D	D	D
6/4/2015	XX	SWXXXX2EC	D	D	D	D	D	D	D	D	D	D	D
9/3/2015	XX	SWXXXX2G7	D	D	D	D	D	D	D	D	D	D	D
11/5/2015	XX	SWXXXX2I1	I	I	I	I	I	I	I	I	I	I	I
6/16/2016	XX	SWXXXX31B	D	D	D	D	D	D	D	D	D	D	D
9/22/2016	XX	SWXXXX335	D	D	D	D	D	D	D	D	D	D	D
11/10/2016	XX	SWXXXX34J	D	D	D	D	D	D	D	D	D	D	D
6/15/2017	XX	SWXXXX36E	D	D	D	D	D	D	D	D	D	D	D
8/31/2017	XX	SWXXXX388	D	D	D	D	D	D	D	D	D	D	D
11/16/2017	XX	SWXXXX3A2	D	D	D	D	D	D	D	D	D	D	D
6/21/2018	XX	SWXXXX3BH	D	D	D	D	D	D	D	D	D	D	D
8/16/2018	XX	SWXXXX3CC	D	D	D	D	D	D	D	D	D	D	D
6/6/2019	XX	SWXXXX3H0	D	D	D	D	D	D	D	D	D	D	D
8/15/2019	XX	SWXXXX3HF	D	D	D	D	D	D	D	D	D	D	D
10/24/2019	XX	SWXXXX408	I	I		I	I	I	I	I	I	I	I
6/18/2020	XX	SWXXXX423	D	D	D	D	D	D	D	D	D	D	D

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

(ND)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
8/6/2020	XX	SWXXXX42I	D	D	D	D	D	D	D	D	D	D	D				
10/22/2020	XX	SWXXXX45B	D	D		D	D	D	D	D	D	D	D				
PBF																	
5/3/2000	XX	PBFXX36649	0.1 U	1 U	0.084	59	1	3.4	30.4	20	25.3	8.6	5.6				
8/9/2000	XX	PBFXX36747	0.1 U	1.7	0.018	328	4	10.7	192	145	187.9	7.4	50.2				
11/8/2000	XX	PBFXX36838	0.1 U	2.2	0.02	78	3	1.2	20.2	26	26.3	7.6	7.2				
5/16/2001	XX	PBFXX37027	0.1 U	1.9	0.012	378	4	16	230.5	215	236	5.8	53.8				
7/31/2001	XX	PBFXX37103	0.1 U	6	0.038	125	7	2.6	57.2	37	40	12.9	15.9				
10/23/2001	XX	PBFXX37187	0.1 U	1 U	0.034	408	4	14.1	175.1	232	246	6.6	57.7				
5/21/2002	XX	PBFXX37397	0.1 U	1 U	0.005	330	4	15.9	210.5	185	198	8.8	45.1				
8/8/2002	XX	PBFXX37476	0.1 U	1 U	0.055	105	21	4.2	42.6	38	42	11.5	9				
10/24/2002	XX	PBFXX37553	0.1 U	1 U	0.029	45	2	3.9	14.4	18	18	13.2	4.3				
6/26/2003	XX	PBFXX37798	0.2 U	2 U	0.1 U	41	2	2.1	30	24	24	11	2.9				
8/13/2003	XX	PBFXX37846	0.2 U	2 U	0.1 U	54	12	2.3	36	26	27	9.8	3.4				
10/23/2003	XX	PBFXX37917	0.2 U	2 U	0.1 U	54	4	5	40	26	27	14	3.9				
5/6/2004	XX	PBFXX38113	0.2 U	2 U	0.1 U	18	1 U	2.6	29	22	22	11	3.3				
7/27/2004	XX	PBFXX38195	0.2 U	0.5 U	0.1 U	79	2	10	73	62	65	7.3	4.6				
10/25/2004	XX	PBFXX38285	0.2 U	2 U	0.1 U	68	1 U	2.8	30	27	27	8.8	3.7				
5/12/2005	XX	SWPBFX017	0.2 U	2 U	0.1 U	66	2	4.4	29	23	23	8.7	2.7				
7/25/2005	XX	SWPBFX02J	0.2 U	2 U	0.1 U	86	2.5	2.8	25	22	23	13	3.5				
11/10/2005	XX	SWPBFX04B	0.2 U	2 U	0.1 U	42	1 U	4.3	24	18	18	8	2.5				
5/2/2006	XX	SWPBFX097	0.2 U	2 U	0.02 U	20	2.5	3.6	46	30	31	6.4	3.8				
8/3/2006	XX	SWPBFX07F	0.2 U	2 U	0.02 U	650	4	5.4	35	35	35	11	2.8				
10/18/2006	XX	SWPBFX063	0.2 U	2 U	0.02 U	59	1.1	7.4	38	37	37	8.6	3.6				
5/21/2007	XX	SWPBFX0AJ	0.95	2 U	0.02 U	43	2.9	4.4	31	30	30	5	3.1				
8/8/2007	XX	SWPBFX0CC	0.2 U	0.5 U	0.022	61	1 U	1.7	23	19	19	9.3	2 U				
11/6/2007	XX	SWPBFX0E4	0.2 U	0.5 U	0.02	67	2.6	9.2	26	22	22	8.6	3.3				
6/11/2008	XX	SWPBFX0GC	0.2 U	0.5 U	0.082	280	3.4	19	150	162	170	17	16				
8/19/2008	XX	SWPBFX0IC	0.2 U	0.5 U	0.026	81	1 U	2.2	34	35	35	9.6	2.5				
10/22/2008	XX	SWPBFX100	0.2 U	0.5 U	0.03	60	1.8	2.1	24	21	21	9.2	2 U				
5/7/2009	XX	SWPBFX120	0.2 U	0.5 U		34	1.7	1.9	19	21	21	6.3	1.3				
8/12/2009	XX	SWPBFX140	0.2 U	0.5 U	0.05 U	93	1.1	3.2	71	60	61	6.4	3.3				
10/27/2009	XX	SWPBFX158	0.2 U	0.5 U	0.02 U	84	1 U	8.9	32	30	30	6.4	4.4				
6/7/2010	XX	SWPBFX179	0.2 U	0.5 U	0.02 U	82	3.8	3	43	52	52	6	9.6				
8/18/2010	XX	SWPBFX19A	0.2 U	0.5 U	0.02 U	44	1.1 U	1 U	14	21	21	7.9	2 U				
10/21/2010	XX	SWPBFX1AI	0.2 U	0.5 U	0.024	1 U	1.4 U	3.2	17	15	15	7.3	2 U				
5/18/2011	XX	SWXXXX1E8	0.2 U	0.5 U	0.02 U	17	5 U	1.8	19	17	17	7.2	3				
8/10/2011	XX	SWXXXX1FJ	0.08 U	0.2 U	0.021	26	0.45 U	1.5	16	16	16	9	1.2 J				
8/10/2011	XD	LTDP3X1G9	0.08 U	0.2 U	0.016	33	0.46 U	1.5	16	16	16	9.2	1.3 J				
11/2/2011	XX	SWXXXX1HA	0.082 U	0.2 U	0.02	69	2.35 J	6.7	37	36	36	5	4.4				
PBFR																	
5/14/2012	XX	SWXXXX1J4	0.2 U	0.5 U	0.02 U	39	2.5 U	4.8	34	32	32	4.5	4.3				
8/14/2012	XX	SWXXXX20H	0.2 U	0.25 U	0.18	85	16	5.2	39	45	45	16.9	2.2				
10/29/2012	XX	SWXXXX22B	0.2 U	0.5	0.16	58	2.5 U	7.6	50	36	36	8	4.1				
10/29/2012	XD	SWDP2X230	0.2 U	0.25 U	0.03	58	2.5 U	5.9	48	32	32	7.8	3.8				
5/21/2013	XX	SWXXXX245	0.2 U	0.25 U	0.02 U	30	2.5 U	1.1	18	21	21	6.8	1				
5/21/2013	XD	SWDP2X24E	0.2 U	0.25 U	0.02 U	35	2.5 U	1	18	21	21	6.5	1				
7/24/2013	XX	SWXXXX25J	0.2 U	0.25 U	0.03	33	2.7	0.82	16	22	22	9.1	1				

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

(PBFR)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
7/24/2013	XD	SWDP2X268	0.2 U	0.25 U	0.02 U	23	2.5 U	0.83	15	21	21	9.5	1				
10/1/2013	XX	SWXXXX27D	0.2 U	0.37	1.1	33	12	4.2	18	14	14	9.2	1.3				
10/1/2013	XD	SWDP3X282	0.2 U	2	1.2	18	5 U	5.1	21	17	17	10	1.2				
6/5/2014	XX	SWXXXX297	0.1 U	0.05 U	0.1 U	35	4 U	1 U	19	15	15	6.2	2.5				
6/5/2014	XD	SWDP2X29G	0.1 U	0.05 U	0.1 U	36	4 U	1 U	18.3	16	16	6.2	2.2				
8/21/2014	XX	SWXXXX2B1	0.1 U	0.05 U	0.1 U	41	7.2	1 U	20	20	20	6.6	2.8				
8/21/2014	XD	SWDP2X2BA	0.1 U	0.05 U	0.1 U	32	4 U	1 U	19.8	22	22	6.7	2.8				
11/13/2014	XX	SWXXXX2CF	0.1 U	0.36	0.1 U	61	6.8	12	23.5	15	15	6.8	4.4				
11/13/2014	XD	SWDP3X2D4	0.1 U	0.05 U	0.1 U	50	4 U	4.5	23.1	16	16	6.7	4.1				
6/4/2015	XX	SWXXXX2EB	0.1 U	0.05 U	0.1 U	72	8	4.9	37.1	38	38	3.9	4				
6/4/2015	XD	SWDP2X2F0	0.1 U	0.05 U	0.1 U	61	13	4.8	36.4	39	39	4.1	3.6				
9/3/2015	XX	SWXXXX2G6	0.1 U	0.05 U	0.1 U	47	4.8	1 U	29	27	27	8.4	3.6				
9/3/2015	XD	SWDP2X2GF	0.1 U	0.05 U	0.1 U	57	4 U	1 U	28.4	25	25	8.4	3.7				
11/5/2015	XX	SWXXXX2I0	0.1 U	0.05 U	0.1 U	71	4 U	1 U	25.4	23	23	8.1	2.8				
11/5/2015	XD	SWDP3X2I9	0.1 U	0.05 U	0.1 U	64	10	1 U	27.2	22	22	7.8	3.7				
6/16/2016	XD	SWDP2X31J	0.1 U	0.05 U	0.1 U	30	4 U	1 U	21.7	20	20	6	3.6				
6/16/2016	XX	SWXXXX31A	0.1 U	0.05 U	0.1 U	45	4 U	1 U	22	20	20	6	5.1				
9/22/2016	XD	SWDP2X33D	0.1 U	0.05 U	0.1 U	47	4 U	1 U	22.8	20	20	6.5	3.3				
9/22/2016	XX	SWXXXX334	0.1 U	0.05 U	0.1 U	51	4 U	1 U	22.3	21	21	6.4	3				
11/10/2016	XD	SWDP3X357	0.1 U	0.46	0.1 U	57	4 U	15	26	19	19	6.3	6.2				
11/10/2016	XX	SWXXXX34I	0.1 U	0.45	0.1 U	51	4 U	14	25.7	17	17	6.3	6.3				
6/15/2017	XD	SWDP2X372	0.1 U	0.05 U	0.1 U	43	4 U	1 U	23.7	18	18	9	2.6				
6/15/2017	XX	SWXXXX36D	0.1 U	0.05 U	0.1 U	46	4 U	1 U	24.2	18	18	9.1	3.4				
8/31/2017	XD	SWDP2X38G	0.1 U	0.05 U	0.1 U	69	8.8	1.5	35	28	28	9.9	3.6				
8/31/2017	XX	SWXXXX387	0.1 U	0.5	0.1 U	72	18	1 U	31.2	22	22	9.7	3.1				
11/16/2017	XD	SWDP3X3AA	0.1 U	0.77	0.18	97	76	37	38	7.4	7.4	11	3.7				
11/16/2017	XX	SWXXXX3A1	0.1 U	0.86	0.16	99	190	25	37.8	5.1	5.1	11	4.3				
6/21/2018	XD	SWDP2X3C5	0.1 U	0.05 U	0.1 U	83	4 U	1 U	22.8	18	18	7.9	2 U				
6/21/2018	XX	SWXXXX3BG	0.1 U	0.05 U	0.1 U	94	4 U	1 U	22.7	17	17	7.9	2 U				
8/16/2018	XD	SWDP2X3D0	0.1 U	0.05 U	0.1 U	56	4 U	1 U	23.4	17	17	8.8	2.1				
8/16/2018	XX	SWXXXX3CB	0.1 U	0.12	0.1 U	76	4 U	1	24.4	19	19	8.9	2 U				
11/29/2018	XD	SWDP3X3FD	0.1 U	0.5	0.1 U	200	20	89	150	53	53	6.4	5.8				
11/29/2018	XX	SWXXXX3F4	0.1 U	1.9	0.1 U	200	14	89	144	40	40	6.9	5.7				
6/6/2019	XD	SWDP2X3H8	0.1 U	0.05 U	0.1 U	48	4 U	1 U	27.1	23	23	8.6	2.3				
6/6/2019	XX	SWXXXX3GJ	0.1 U	0.05 U	0.1 U	46	4 U	1 U	45.6	24	24	8.9	2.2				
8/15/2019	XD	SWDP2X3I3	0.1 U	0.05 U	0.1 U	48	4 U	1 U	23.3	20	20	9	3.7				
8/15/2019	XX	SWXXXX3HE	0.1 U	0.05 U	0.1 U	55	4.4	1 U	23.4	20	20	8.9	4				
10/24/2019	XD	SWDP3X40G	0.1 U	0.14	0.1 U	70	4 U	11	38.1	25	25	13	4.3				
10/24/2019	XX	SWXXXX407	0.1 U	0.14	0.1 U	62	4 U	11	37.4	25	25	13	4.1				
6/18/2020	XD	SWDP2X42B	0.1 U	0.05 U	0.1 U	51	4 U	1 U	20.9	18	18	8.8	2 U				
6/18/2020	XX	SWXXXX422	0.1 U	0.26	0.1 U	43	17	4.3	20.5	17	17	8.8	2 U				
8/6/2020	XD	SWDP2X436	0.1 U	0.05 U	0.1 U	29	4 U	1.2	20.8	16	16	9.4	2 U				
8/6/2020	XX	SWXXXX42H	0.1 U	0.05 U	0.1 U	55	4 U	1.1	20	16	16	9.4	2 U				
10/22/2020	XD	SWDP3X45J	0.1 U	0.05 U	0.1 U	78	4 U	25	49.7	24	24	9.1	2.4				
10/22/2020	XX	SWXXXX45A	0.1 U	0.05 U	0.1 U	79	4 U	16	51.1	26	26	9.5	2.2				
PBFB																	
5/3/2000	XX	PBFBXX36649	0.1 U	1 U	0.068	37	3	3.2	16.8	12	13.1	16.7	3				
8/9/2000	XX	PBFBXX36747	0.1 U	1 U	0.007	58	8	1 U	14.9	190	200	13.3	1.5				
11/8/2000	XX	PBFBXX36838	0.1 U	1.1	0.003	47	5	3.2	10.2	5	5.1	9.1	2.9				

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

(PBFB)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
5/16/2001	XX	PBFBXX37027	0.1 U	1.9	0.018	48	2	3.3	11.6	7	7	10.4	2.1
7/31/2001	XX	PBFBXX37103	0.1 U	1 U	0.016	54	12	5.7	13.4	14	14	11.2	3.8
10/24/2001	XX	PBFBXX37188	0.1 U	1 U	0.022	114	12	17.1	30.1	1 U	1 U	6.7	3.1
5/21/2002	XX	PBFBXX37397	0.1 U	1.2	0.009	57	2	5.1	12.9	2.58	4	10.4	1 U
8/6/2002	XX	PBFBXX37474	0.1 U	1 U	0.014	73	15	3.8	25	24	25	14	1.1
10/24/2002	XX	PBFBXX37553	0.1 U	1 U	0.016	41	1	11.4	10.6	8	8	9.7	2.2
6/26/2003	XX	PBFBXX37798	0.2 U	2 U	0.1 U	36	9	1 U	19	12	12	15	2 U
8/13/2003	XX	PBFBXX37846	0.2 U	2 U	0.1 U	34	2	2.1	21	14	14	11	2.4
10/23/2003	XX	PBFBXX37917	0.2 U	2 U	0.1 U	71	4	3.2	16	4	4	38	2
5/6/2004	XX	PBFBXX38113	0.2 U	2 U	0.1 U	29	1 U	2.4	24	16	16	13	2.8
7/27/2004	XX	PBFBXX38195	0.2 U	0.5 U	0.1 U	10	3	1.5	18	29	30	21	2 U
10/25/2004	XX	PBFBXX38285	0.2 U	2 U	0.1 U	67	1 U	5.3	19	11	11	10	2.8
5/12/2005	XX	SWPBFB018	0.2 U	2 U	0.1 U	51	1 U	3.5	21	17	17	8.6	2
7/25/2005	XX	SWPBFB030	0.2 U	2 U	0.1 U	70	2.5	2.3	26	21	22	13	3.2
11/10/2005	XX	SWPBFB04C	0.2 U	2 U	0.1 U	52	2.5	3.4	10	18	18	16	2 U
5/2/2006	XX	SWPBFB098	0.2 U	2 U	0.05	57	2	2	16	10	11	10	2 U
8/3/2006	XX	SWPBFB07G	0.2 U	2 U	0.03	42	3.3	1.3	23	20	20	13	2 U
10/18/2006	XX	SWPBFB064	0.2 U	2 U	0.02 U	43	1.7	4.2	10 U	11	11	14	2 U
5/21/2007	XX	SWPBFB0B0	0.98	2 U	0.025	20	1 U	2.4	13	8	7.9	7.1	2 U
8/8/2007	XX	SWPBFB0CD	0.2 U	0.5 U	0.03	65	2	1.2	25	23	23	11	2 U
11/6/2007	XX	SWPBFB0E5	0.2 U	0.5 U	0.02	83	1 U	5.6	10 U	2	3	21	2 U
6/11/2008	XX	SWPBFB0GD	0.2 U	0.5 U	0.032	77	1.2	2.5	12	4	4.7	23	2 U
8/19/2008	XX	SWPBFB0ID	0.2 U	0.5 U	0.023	66	1.4	1.6	24	21	21	11	2 U
10/22/2008	XX	SWPBFB101	0.2 U	0.5 U	0.05	76	3.4	2.6	23	16	16	14	2 U
5/7/2009	XX	SWPBFB121	0.2 U	0.5 U		51	1.2	1.3	14	12	12	8.4	2 U
8/12/2009	XX	SWPBFB141	0.2 U	0.5 U	0.05 U	90	3.3	1 U	26	22	22	22	2 U
10/27/2009	XX	SWPBFB159	0.2 U	0.5 U	0.02 U	87	1 U	5	10	6	5.7	14	2 U
6/7/2010	XX	SWPBFB17A	0.2 U	0.5 U	0.22	58	50	1.8	10 U	20	20	20	2 U
8/18/2010	XX	SWPBFB19B	0.2 U	0.5 U	0.021	49	9.6	1 U	20	27	27	11	2 U
10/21/2010	XX	SWPBFB1AJ	0.2 U	0.5 U	0.03	47	8	7.1	10 U	5	5.1	10	2 U
5/18/2011	XX	SWXXXX1E7	0.2 U	0.5 U	0.02 U	15	5 U	2	14	11	11	8.2	2 U
8/10/2011	XX	SWXXXX1FI	0.08 U	0.2 U	0.023	29	6.6	1.3	16	15	15	9.4	1.3 J
11/2/2011	XX	SWXXXX1H9	0.082 U	0.2 U	0.046	50	28	1.6	13	12	12	18	1.4 J
5/14/2012	XX	SWXXXX1J3	0.2 U	0.5 U	0.19	37	8.7	28	17	2 U	2 U	15	2 U
8/14/2012	XX	SWXXXX20G	0.2 U	0.25 U	0.11	42	140	0.86	16	27	27	18.6	1.7
10/29/2012	XX	SWXXXX22A	0.2 U	0.25 U	0.02 U	10	23	1.1	17	14	14	9.5	1.1
5/21/2013	XX	SWXXXX244	0.2 U	0.25 U	0.02 U	8	2.5 U	2	10 U	13	13	7.5	1.1
7/24/2013	XX	SWXXXX25I	0.2 U	0.25 U	0.02 U	36	2.5 U	0.67	16	20	20	10	0.96
10/1/2013	XX	SWXXXX27C	0.2 U	0.25 U	0.02 U	21	2.5 U	0.76	17	2 U	2 U	9.3	0.86
6/5/2014	XX	SWXXXX296	0.1 U	0.05 U	0.1 U	40	28	1 U	17	14	14	7.2	2.4
8/21/2014	XX	SWXXXX2B0	0.1 U	0.05 U	0.1 U	40	5.2	1 U	17.6	18	18	6.6	3.9
11/13/2014	XX	SWXXXX2CE	0.1 U	0.05 U	0.1 U	42	4 U	1 U	17.8	16	16	7.6	2.9
6/4/2015	XX	SWXXXX2EA	0.1 U	0.18	0.1	22	4.4	1 U	13.7	13	13	7.3	2.9
9/3/2015	XX	SWXXXX2G5	0.1 U	0.066	0.1 U	28	4 U	5.5	18.3	16	16	8.4	2 U
11/5/2015	XX	SWXXXX2HJ	0.1 U	0.05 U	0.1 U	52	4 U	1 U	17.9	16	16	8.9	3
6/16/2016	XX	SWXXXX319	0.1 U	0.05 U	0.1 U	67	4 U	1 U	18.4	16	16	6.3	4.1
9/22/2016	XX	SWXXXX333	0.12	0.05 U	0.1 U	61	4 U	1 U	19.6	18	18	6.6	3.2
11/10/2016	XX	SWXXXX34H	0.1 U	0.05 U	0.1 U	43	4 U	1 U	16.5	18	18	6.4	3.4
6/15/2017	XX	SWXXXX36C	0.1 U	0.05 U	0.1 U	45	4 U	1 U	20.7	16	16	9.9	2 U
8/31/2017	XX	SWXXXX386	0.1 U	0.073	0.1 U	58	4 U	1 U	22.6	18	18	9.1	3.1

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

(PBFB) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
11/16/2017	XX	SWXXXX3A0	0.1 U	0.05 U	0.1 U	67	4 U	1 U	26.6	20	20	11	3.8
6/21/2018	XX	SWXXXX3BF	0.1 U	0.05 U	0.1 U	54	10	1 U	19.6	15	15	8.6	2 U
8/16/2018	XX	SWXXXX3CA	0.1 U	0.05 U	0.1 U	82	4 U	1 U	21.9	19	19	9.4	2 U
11/29/2018	XX	SWXXXX3F3	0.1 U	0.3	0.1 U	57	4 U	9.9	26.4	13	13	11	3.5
6/6/2019	XX	SWXXXX3GI	0.1 U	0.05 U	0.1 U	48	4 U	1 U	18.3	14	14	11	2 U
8/15/2019	XX	SWXXXX3HD	0.1 U	0.05 U	0.1 U	51	4 U	1 U	17.4	18	18	9.1	3.2
10/24/2019	XX	SWXXXX406	0.1 U	0.06	0.1 U	44	7.2	1 U	20.2	12	12	16	3.5
6/18/2020	XX	SWXXXX421	0.1 U	0.05 U	0.1 U	57	15	1 U	18.3	16	16	9.4	2 U
8/6/2020	XX	SWXXXX42G	0.1 U	1.1	0.1 U	41	4 U	3.4	18.8	9.1	9.1	9.5	2 U
10/22/2020	XX	SWXXXX459	0.1 U	0.05 U	0.1 U	63	8.4	5.8	22.4	13	13	13	2 U
SPO													
5/3/2000	XX	SPOXX36649	D		D			D	D			D	D
8/9/2000	XX	SPOXX36747	D		D			D	D			D	D
11/8/2000	XX	SPOXX36838	D		D			D	D			D	D
5/16/2001	XX	SPOXX37027	D	D			D	D	D	D	D	D	D
7/31/2001	XX	SPOXX37103	D	D			D	D	D	D	D	D	D
10/23/2001	XX	SPOXX37187	D	D	D		D	D	D	D	D	D	D
5/21/2002	XX	SPOXX37397	D	D	D	D	D	D	D	D	D	D	D
7/30/2002	XX	SPOXX37467	D	D	D	D	D	D	D	D	D	D	D
10/22/2002	XX	SPOXX37551	D	D	D	D	D	D	D	D	D	D	D
6/23/2003	XX	SPOXX37795	D	D	D	D	D	D	D	D	D	D	D
8/13/2003	XX	SPOXX37846	D	D	D	D	D	D	D	D	D	D	D
10/20/2003	XX	SPOXX37914	D	D	D	D	D	D	D	D	D	D	D
5/6/2004	XX	SPOXX38113	0.2 U	2 U	0.12	100	3	4.1	81	65	67	17	4.8
7/27/2004	XX	SPOXX38195	D	D	D	D	D	D	D	D	D	D	D
10/25/2004	XX	SPOXX38285	D	D	D	D	D	D	D	D	D	D	D
5/12/2005	XX	SWSPOX01A	D	D	D	D	D	D	D	D	D	D	D
7/25/2005	XX	SWSPOX032	D	D	D	D	D	D	D	D	D	D	D
11/10/2005	XX	SWSPOX04E	0.2 U	2 U	0.1 U	140	3	15	110	75	77	12	6.8
5/2/2006	XX	SWSPOX09A	0.2 U	2 U	0.05	98	1.5	2.3	86	67	69	15	19
8/3/2006	XX	SWSPOX07I	0.2 U	2 U	0.12	130	7.5	1 U	76	74	75	17	4.8
10/18/2006	XX	SWSPOX066	0.2 U	2 U	0.06	82	5.7	4.3	45	45	46	13	6.8
5/21/2007	XX	SWSPOX0B2	0.2 U	2 U	0.042	92	2	3.2	58	54	55	9.3	13
8/9/2007	XX	SWSPOX0CF	D	D		D	D	D	D	D	D	D	D
11/6/2007	XX	SWSPOX0E7	0.2 U	0.5 U	0.03	94	2	14	30	21	21	13	2.1
6/11/2008	XX	SWSPOX0GF	0.2 U	0.5 U	0.1	90	6.5	4.7	36	27	27	18	2 U
8/19/2008	XX	SWSPOX0GJ	D	D	D	D	D	D	D	D	D	D	D
10/22/2008	XX	SWSPOX103	D	D	D	D	D	D	D	D	D	D	D
5/7/2009	XX	SWSPOX123	0.2 U	0.5 U		100	0.6 U	6.7	57	53	54	10	9.4
8/17/2009	XX	SWSPOX127	D	D	D	D	D	D	D	D	D	D	D
10/27/2009	XX	SWSPOX15B	0.2 U	0.5 U	0.02	70	1 U	10	33	27	27	10	3.7
6/7/2010	XX	SWSPOX17C	0.2 U	0.5 U	0.038	80	2.1	2	35	36	36	16	7.4
8/18/2010	XX	SWSPOX17H	D	D		D	D	D	D	D	D	D	D
10/21/2010	XX	SWSPOX1B1	D	D		D	D	D	D	D	D	D	D
5/18/2011	XX	SWXXXX1EA	0.2 U	0.5 U	0.02 U	43	5 U	9.2	39	29	29	13	3.9
8/10/2011	XX	SWXXXX1G1	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
11/2/2011	XX	SWXXXX1HC	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
5/14/2012	XX	SWXXXX1J6	0.2 U	0.5 U	0.041	59	3.1	5.7	40	32	32	13	5.9
8/14/2012	XX	SWXXXX20J	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6

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

(SPO) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L
10/29/2012	XX	SWXXXX22D	0.2 U	0.25 U	0.12	80	26	3.6	42	33	33	16	6.6
5/21/2013	XX	SWXXXX247	0.2 U	0.53	0.11	54	23	2.7	27	31	31	11	7.2
7/24/2013	XX	SWXXXX261	0.21	0.25 U	0.083	69	37	3.9	21	38	38	12	4.7
10/1/2013	XX	SWXXXX27F	I	I	I	I	I	I	I	I	I	I	I
6/5/2014	XX	SWXXXX299	D	D	D	D	D	D	D	D	D	D	D
8/21/2014	XX	SWXXXX2B3	I	I	I	I	I	I	I	I	I	I	I
11/13/2014	XX	SWXXXX2CH	0.1 U	0.05 U	0.1 U	75	4 U	6.5	30	25	25	11	3.3
6/4/2015	XX	SWXXXX2ED	0.1 U	0.05 U	0.1 U	79	24	1 U	40.2	41	41	11	3.7
9/3/2015	XX	SWXXXX2G8	D	D	D	D	D	D	D	D	D	D	D
11/5/2015	XX	SWXXXX2I2	0.1 U	0.05 U	0.1 U	82	4 U	6.2	36.2	28	28	9.8	2.5
6/16/2016	XX	SWXXXX31C	D	D	D	D	D	D	D	D	D	D	D
9/22/2016	XX	SWXXXX336	D	D	D	D	D	D	D	D	D	D	D
11/10/2016	XX	SWXXXX350	I	I	I	I	I	I	I	I	I	I	I
6/15/2017	XX	SWXXXX36F	I	I	I	I	I	I	I	I	I	I	I
8/31/2017	XX	SWXXXX389	D	D	D	D	D	D	D	D	D	D	D
11/16/2017	XX	SWXXXX3A3	D	D	D	D	D	D	D	D	D	D	D
6/21/2018	XX	SWXXXX3BI	D	D	D	D	D	D	D	D	D	D	D
8/16/2018	XX	SWXXXX3CD	D	D	D	D	D	D	D	D	D	D	D
6/6/2019	XX	SWXXXX3H1	0.1 U	0.05 U	0.1 U	96	16	1 U	62.5	51	52	15	2.8
8/15/2019	XX	SWXXXX3HG	D	D	D	D	D	D	D	D	D	D	D
10/24/2019	XX	SWXXXX409	0.1 U	0.34	0.1 U	64	5.2	7.9	34.8	24	24	15	3.1
6/18/2020	XX	SWXXXX424	D	D	D	D	D	D	D	D	D	D	D
8/6/2020	XX	SWXXXX42J	I	I	I	I	I	I	I	I	I	I	I
10/22/2020	XX	SWXXXX45C	I	I	I	I	I	I	I	I	I	I	I
SPON													
5/12/2005	XX	SWSPON01B	0.32	2 U	0.1 U	400	16	42	270	240	260	16	19
7/25/2005	XX	SWSPON033	D	D		D	D	D	D	D	D	D	D
11/10/2005	XX	SWSPON04F	0.2 U	2 U	0.1 U	380	2.5	28	360	260	290	9.5	24
5/2/2006	XX	SWSPON09B	0.2 U	2 U	0.09	270	20	18	280	220	240	15	22
8/3/2006	XX	SWSPON07J	2.3	2 U	0.05	960	3.6	80	750	640	670	30	41
10/18/2006	XX	SWSPON067	2	2 U	0.06	440	6.2	41	320	270	290	13	33
5/21/2007	XX	SWSPON0B3	0.46	2 U	0.033	360	1.4	50	260	220	240	12	20
8/9/2007	XX	SWSPON0CG	D	D		D	D	D	D	D	D	D	D
11/6/2007	XX	SWSPON0E8	0.2 U	1	0.06	310	8.9	74	130	105	110	16	6.3
6/11/2008	XX	SWSPON0GG	0.2 U	0.5 U	0.15	230	13	29	150	115	120	22	4.4
8/19/2008	XX	SWSPON0H0	0.3	0.5 U	0.13	330	6.9	1.9	250	270	290	22	9.3
10/22/2008	XX	SWSPON104	0.78	0.5 U	0.12	480	4.1	12	430	360	380	18	25
5/7/2009	XX	SWSPON124	0.2 U	0.5 U		380	3	5.4	290	300	320	14	25
8/12/2009	XX	SWSPON128	0.2 U	0.5 U	0.05 U	270	3.1	3.3	240	210	230	12	8.6
10/27/2009	XX	SWSPON15C	0.2 U	0.5 U	0.02 U	260	1 U	22	220	180	190	10	13
6/7/2010	XX	SWSPON17D	0.2 U	0.5 U	0.02 U	190	1.3	5	180	140	140	15	2.9
8/18/2010	XX	SWSPON17I	D	D		D	D	D	D	D	D	D	D
10/21/2010	XX	SWSPON1B2	0.2 U	0.5 U	0.11	420	1.4 U	64	280	240	260	11	29
5/18/2011	XX	SWXXXX1EB	0.2 U	0.5 U	0.022	170	5 U	7.3	150	150	150	9.2	9.6
8/10/2011	XX	SWXXXX1G2	D	D	D	D	D	D	D	D	D	D	D
11/2/2011	XX	SWXXXX1HD	1.6	0.2 U	0.059	470	1.46 J	17	360	400	400	14	49
5/14/2012	XX	SWXXXX1J7	0.2 U	0.5 U	0.024	140	2.5 U	5.7	130	130	130	13	5.4
8/14/2012	XX	SWXXXX210	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6
10/29/2012	XX	SWXXXX22E	1.7	0.25 U	0.049	440	5 U	23	360	370	370	11	34

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

(SPON)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Chloride				
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				
5/21/2013	XX	SWXXXX248	0.2 U	0.25 U	0.04	420	2.5 U	5.3	300	340	340	15	36				
7/24/2013	XX	SWXXXX262	0.29	0.25 U	0.5	250	18	6.8	140	190	190	16	9.2				
10/1/2013	XX	SWXXXX27G	1.3	0.25 U	0.02 U	380	8.7	4.1	320	330	330	13	26				
6/5/2014	XX	SWXXXX29A	0.3	0.16	0.1 U	540	8.8	1 U	396	400	400	14	36				
8/21/2014	XX	SWXXXX2B4	0.28	0.05 U	0.1 U	410	13	32	232	270	270	12	30				
11/13/2014	XX	SWXXXX2CI	1.2	0.12	0.13	400	4 U	20	291	320	320	20	27				
6/4/2015	XX	SWXXXX2EE	0.87	0.05 U	0.1 U	440	30	1 U	289	330	330	15	29				
9/3/2015	XX	SWXXXX2G9	0.7	0.11	0.15	550	26	1 U	404	450	450	22	29				
11/5/2015	XX	SWXXXX2I3	1.2	0.18	0.1 U	390	4.8	1 U	286	320	320	11	31				
6/16/2016	XX	SWXXXX31D	0.14	0.9	0.1 U	450	24	1 U	350	330	330	16	38				
9/22/2016	XX	SWXXXX337	D	D	D	D	D	D	D	D	D	D	D				
11/10/2016	XX	SWXXXX351	0.1 U	18	0.1 U	890	4 U	380	640	240	240	21	25				
6/15/2017	XX	SWXXXX36G	0.1 U	0.096	0.1 U	440	4 U	77	378	300	300	17	13				
8/31/2017	XX	SWXXXX38A	D	D	D	D	D	D	D	D	D	D	D				
11/16/2017	XX	SWXXXX3A4	0.11	0.085	0.1 U	750	4 U	270	600	300	300	17	14				
6/21/2018	XX	SWXXXX3BJ	D	D	D	D	D	D	D	D	D	D	D				
8/16/2018	XX	SWXXXX3CE	D	D	D	D	D	D	D	D	D	D	D				
11/29/2018	XX	SWXXXX3F7	0.1 U	0.72	0.1 U	390	4 U	140	310	170	170	11	5.3				
6/6/2019	XX	SWXXXX3H2	0.26	0.093	0.1 U	400	5.6	34	336	310	310	15	11				
8/15/2019	XX	SWXXXX3HH	0.1 U	0.05 U	0.1 U	310	16	22	243	240	240	11	11				
10/24/2019	XX	SWXXXX40A	0.1 U	0.52	0.1 U	330	7.6	89	265	170	170	16	3.7				
6/18/2020	XX	SWXXXX425	D	D	D	D	D	D	D	D	D	D	D				
8/6/2020	XX	SWXXXX430	D	D	D	D	D	D	D	D	D	D	D				
10/22/2020	XX	SWXXXX45D	0.1 U	0.05 U	0.1 U	260	4 U	38	190	160	160	13	4.8				
SPOS																	
5/12/2005	XX	SWSPOS01C	0.2 U	2 U	0.13	93	1 U	5.8	190	43	44	8.5	2.5				
7/25/2005	XX	SWSPOS034	0.2 U	2 U	0.1 U	150	7	1.9	100	98	100	15	2.1				
11/10/2005	XX	SWSPOS04G	0.2 U	2 U	0.1 U	71	1 U	5.4	55	46	47	7.6	3				
5/2/2006	XX	SWSPOS09C	0.2 U	2 U	0.02 U	49	3	3.9	56	49	50	9.7	5.5				
8/3/2006	XX	SWSPOS080	0.2 U	2 U	0.02 U	120	1.2 U	1 U	89	82	83	13	2.9				
10/18/2006	XX	SWSPOS068	0.2 U	2 U	0.02 U	94	1 U	3.2	64	63	64	10	6.2				
5/21/2007	XX	SWSPOS0B4	0.2 U	2 U	0.02 U	66	1 U	3.8	44	40	41	8.8	6.3				
8/8/2007	XX	SWSPOS0CH	0.2 U	0.5 U	0.021	120	4.6	1 U	68	63	64	13	2 U				
11/6/2007	XX	SWSPOS0E9	0.2 U	0.5 U	0.02 U	92	1 U	8.8	46	34	34	12	3.9				
11/6/2007	XD	SWDP4X0F1	0.2 U	0.5 U	0.02 U	170	1 U	8.6	46		36	12	3.9				
6/11/2008	XX	SWSPOS0GH	0.2 U	0.5 U	0.034	97	1 U	4.3	50	40	40	15	3.4				
8/19/2008	XX	SWSPOS0H1	0.2 U	0.5 U	0.038	160	1 U	1 U	88	94	95	12	3				
10/22/2008	XX	SWSPOS105	0.2 U	0.5 U	0.03	140	1 U	3.2	83	73	74	8.8	11				
5/7/2009	XX	SWSPOS125	0.2 U	0.5 U		80	0.6 U	2.7	49	50	51	7.5	6				
8/12/2009	XX	SWSPOS129	0.2 U	0.5 U	0.05 U	130	0.6 U	1 U	94	80	81	12	3.1				
10/27/2009	XX	SWSPOS15D	0.2 U	0.5 U	0.02 U	16	1 U	5.4	41	35	36	12	3.1				
6/7/2010	XX	SWSPOS17E	0.2 U	0.5 U	0.02 U	78	1 U	2.5	44	52	52	11	4				
8/18/2010	XX	SWSPOS17J	D	D		D	D	D	D	D	D	D	D				
10/21/2010	XX	SWSPOS1B3	0.2 U	0.5 U	0.025	120	1.4 U	21	59	39	39	8.4	4.2				
10/21/2010	XD	SWDP4X1B7	0.2 U	0.5 U	0.022	140	1.4 U	22	59		39	8.4	4.2				
5/18/2011	XX	SWXXXX1EC	0.2 U	0.5 U	0.02 U	33	8.3 U	3.8	38	37	37	8.8	2.3				
8/10/2011	XX	SWXXXX1G3	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6				
11/2/2011	XX	SWXXXX1HE	0.082 U	0.2 U	0.0079 J	75	0.32 U	2.5	53	56	56	9.5	3				
5/14/2012	XX	SWXXXX1J8	0.2 U	0.5 U	0.02 U	62	2.5 U	3.1	45	41	41	12	2.3				

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

(SPOS)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Chloride mg/L				
8/14/2012	XX	SWXXXX211	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6	F6				
10/29/2012	XX	SWXXXX22F	0.2 U	0.25 U	0.02 U	78	2.5 U	6.2	63	56	56	7.8	3.7				
5/21/2013	XX	SWXXXX249	0.2 U	0.25 U	0.02 U	53	2.5 U	2	49	54	54	8.3	2.4				
7/24/2013	XX	SWXXXX263	0.2 U	0.25 U	0.02 U	79	2.5 U	2.4	53	52	52	14	1.1				
10/1/2013	XX	SWXXXX27H	0.2 U	0.25 U	0.02 U	88	2.5 U	0.58	83	87	87	11	1.4				
6/5/2014	XX	SWXXXX29B	0.1 U	0.05 U	0.1 U	110	4.4	1 U	83.4	91	91	7.3	2 U				
8/21/2014	XX	SWXXXX2B5	0.1 U	0.12	0.1 U	130	7.2	14	78.6	83	83	9.9	3.3				
11/13/2014	XX	SWXXXX2CJ	0.1 U	0.05 U	0.1 U	84	4 U	5	45.5	41	41	8.2	3				
6/4/2015	XX	SWXXXX2EF	0.1 U	0.05 U	0.1 U	73	4 U	1 U	44	45	45	7.6	2 U				
9/3/2015	XX	SWXXXX2GA	0.1 U	0.05 U	0.1 U	150	7.2	1 U	101	100	100	13	2.3				
11/5/2015	XX	SWXXXX2I4	0.1 U	0.05 U	0.1 U	88	4 U	1 U	48.8	45	45	8.6	2.8				
6/16/2016	XX	SWXXXX31E	D	D	D	D	D	D	D	D	D	D	D				
9/22/2016	XX	SWXXXX338	D	D	D	D	D	D	D	D	D	D	D				
11/10/2016	XX	SWXXXX352	0.1 U	0.05 U	0.1 U	140	4 U	39	94	74	74	7.2	5.7				
6/15/2017	XX	SWXXXX36H	0.1 U	0.05 U	0.1 U	93	4 U	1 U	72	71	71	8.2	2 U				
8/31/2017	XX	SWXXXX38B	D	D	D	D	D	D	D	D	D	D	D				
11/16/2017	XX	SWXXXX3A5	0.1 U	0.05 U	0.1 U	82	4 U	7.6	55.2	43	43	8	4				
6/21/2018	XX	SWXXXX3C0	0.1 U	0.05 U	0.1 U	140	4 U	1 U	90.4	97	97	10	2 U				
8/16/2018	XX	SWXXXX3CF	0.1 U	0.05 U	0.1 U	120	4 U	1 U	75.6	78	78	10	2 U				
11/29/2018	XX	SWXXXX3F8	0.1 U	0.05 U	0.1 U	45	4 U	3	45	38	38	7.7	2.7				
6/6/2019	XX	SWXXXX3H3	0.1 U	0.05 U	0.1 U	80	4 U	1 U	56	54	54	9.2	2 U				
8/15/2019	XX	SWXXXX3HI	0.1 U	0.05 U	0.1 U	120	4 U	1 U	85.2	88	88	8.6	2.5				
10/24/2019	XX	SWXXXX40B	0.1 U	0.05 U	0.1 U	96	4 U	1 U	51.1	47	47	18	3.1				
6/18/2020	XX	SWXXXX426	0.1 U	0.35	0.1 U	120	6	1 U	88.7	100	100	10	2 U				
8/6/2020	XX	SWXXXX431	0.1 U	0.05 U	0.1 U	120	6.4	1 U	96.2	94	94	8.7	2 U				
10/22/2020	XX	SWXXXX45E	0.1 U	0.05 U	0.1 U	100	4 U	18	58.7	38	38	14	2 U				

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.
- D - The sampling location was dry.
- F6 - No flow. Sample not taken.
- H - Analyzed outside U.S.EPA's recommended hold time
- I - The sampling location yielded insufficient quantity to collect a sample.
- J - Analyte was positively identified/Associated value is an estimate.
- 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
- Y4 - Laboratory instrument malfunction, therefore no data available to report.

SUMMARY REPORT

LP Inorganics

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

(LP)			Ammonia (N)	Nitrate (N)	Total Phosphorus	Total Dissolved Solids	Total Suspended Solids	Sulfate	Ca-mg Hardness (CaCO3)	Bicarbonate Alkalinity (CaCO3)	Alkalinity (CaCO3)	Organic Carbon	Biochemical Oxygen Demand	Chemical Oxygen Demand	Chloride	Cyanide	
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	ug/L	
LP																	
4/7/1986	XX	LPXX31509	0.32					10				37		130	12		
6/23/1986	XX	LPXX31586	0.13					11				103		334	30		
9/17/1986	XX	LPXX31672	3.1					15				136		514	44		
11/11/1986	XX	LPXX31727	0.1 U					3				158		475	58		
4/6/1987	XX	LPXX31873	20					200				428		1890	72		
6/29/1987	XX	LPXX31957	12					4				260		877	115		
10/5/1987	XX	LPXX32055	2					1100	4320			5615		1630	300		
11/16/1987	XX	LPXX32097	8		3			900	4734			5680		9238	270		
3/29/1988	XX	LPXX32231	5		2			125	780			574		1730	48		
6/27/1988	XX	LPXX32321	12		1.45			250	2428			2080		6185	240		
9/26/1988	XX	LPXX32412	11		1.47			14	2174			1235		4965	180		
11/10/1988	XX	LPXX32457	19		0.955			164	1987			1068		3190	280		
3/26/1989	XX	LPXX32593	17		0.86			260	957			560			46		
6/23/1989	XX	LPXX32682	21		0.33			155	1789			1168		2200	330		
9/25/1989	XX	LPXX32776	20		0.15			71	1990			1140		2098	560		
12/4/1989	XX	LPXX32846	24		1.58			30	2130					1892	320		
3/22/1990	XX	LPXX32954	9		1.46			192	1078			238		599	130		
6/19/1990	XX	LPXX33043	4		0.77			73	683			190		1016	120		
9/6/1990	XX	LPXX33122	18		0.104			45	1688			284		750	238		
10/23/1990	XX	LPXX33169	5		0.42			109	730			274		577	90		
3/13/1991	XX	LPXX33310	7.8		0.97			69.6	384.6			164.8		480	60		
6/7/1991	XX	LPXX33396	18.5					10	1272.7			225		290	171		
8/23/1991	XX	LPXX33473	1.7		0.08			30	761.7			116		436	111		
10/14/1991	XX	LPXX33525	7.6		1.29			41	1089.4			210		800	178		
3/17/1992	XX	LPXX33680	13.8		1.04			292	1487			365		1200	187		
6/11/1992	XX	LPXX33766	8.4		1.26			30	1627			440		3100	266		
8/13/1992	XX	LPXX33829	8.3		0.69			22	1942.3			375		1461	296		
10/20/1992	XX	LPXX33897	21.8		0.15			25	1869			470		1132	302		
4/13/1993	XX	LPXX34072	9.3		0.71			568	3589			581		1648	171		
8/3/1993	XX	LPXX34184	17.6		2.12			6.7	2204			615		1911	314		
10/19/1993	XX	LPXX34261	3.1		0.16			230	1320.5			297		1020	130		
5/10/1994	XX	LPXX34464	12.5		0.24			156	6430.2			252		932	143		
8/2/1994	XX	LPXX34548	10.5		0.52			150	1557.3			188		598	220		
10/19/1994	XX	LPXX34626	18.4		0.23			14.4	1254.8			172		605	271.5		
5/2/1995	XX	LPXX34821	8.3		0.165			39	1458.8			143			224		
7/7/1995	XX	LPXX34887	8.16		1.33			62.5	1760.9			260			244		
10/16/1995	XX	LPXX34988	8.9		1.04			128	1311.4			136			250		
5/15/1996	XX	LPXX35200	11		0.06			18.5	1217.6			258			265		
8/12/1996	XX	LPXX35289	10.8		1.76			20.8	1657.6			355			209		
10/9/1996	XX	LPXX35347	12.8		0.395			30.6	1760.1			357			222		
6/5/1997	XX	LPXX35586	13.24		0.16			32	1777.6			450			166		
8/14/1997	XX	LPXX35656	13.7		1.97			58	2450.9			457			211		
10/31/1997	XX	LPXX35734	12.6		1.67			17.3	1345.5			276.8			175		
5/5/1998	XX	LPXX35920	12.8		0.156			61.3	1421			195.7			181		
8/14/1998	XX	LPXX36021	13.6		0.208			72.1	1423			129.1			140		
10/21/1998	XX	LPXX36089	14.2		0.984			79.5	1264			193.4			154		
4/28/1999	XX	LPXX36278	19.35		0.301			39.4	1257.2			111.5			102		
7/23/1999	XX	LPXX36364	17.46		0.276			3.5	1470.5			118.9			218		

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

(LP)

Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Biochemical Oxygen Demand mg/L	Chemical Oxygen Demand mg/L	Chloride mg/L	Cyanide ug/L
10/14/1999	XX	LPXX36447	17.68		0.978	2582		59.4	1573.4			462			156	
5/3/2000	XX	LPXX36649	23.4	6.1	1.364	1943	133	61.7	1243.8	1180	1351.4	263			95.2	
8/9/2000	XX	LPXX36747	14.56	15.5	1.18	2440	101	8.4	1407.3	1475	1835.7	238.8			136.8	
11/8/2000	XX	LPXX36838	22.05	13.5	0.861	2464	80	78	1351.7	1900	1979.6	203.3			110.6	
5/16/2001	XX	LPXX37027	22.8	10	0.503	2563	125	50	1418.9	1800	1865	253			141.4	
7/31/2001	XX	LPXX37103	27	2.4	0.287	3903	128	20	1035.2	2550	2700	383.4			208	
10/23/2001	XX	LPXX37187	22.4	4.4	1.1	3556	50	17.4	1810.8	2415	2475	325.2			248	
5/21/2002	XX	LPXX37397	15.75	1.88	0.093	1828	129	91	1229.7	1230	1354	56.3			107	
8/6/2002	XX	LPXX37474	22.05	3.1	0.585	2684	119	3.2	1302.4	1914	2005	140.1			161.5	
10/24/2002	XX	LPXX37553	21.1	1.35	0.575	2118	45	52.2	1167.1	1650	1720	144.5			139.6	
6/26/2003	XX	LPXX37798	14	2 U	0.23	1400	83	70	1100	1000	1100	68			78	
8/13/2003	XX	LPXX37846	14	2 U	0.36	1400	50	51	870	1080	1100	74			58	
10/22/2003	XX	LPXX37916	11	2 U	0.13	1000	58	180	930	680	710	60	36	180	27	27
5/6/2004	XX	LPXX38113	9.9	2 U	0.1 U	1000	54	77	870	800	840	46	54	140	37	10 U
7/27/2004	XX	LPXX38195	15	0.5 U	0.1 U	1400	55	47	2300	1120	1200	80	68	220	93	10 U
10/25/2004	XX	LPXX38285	21	2 U	0.1 U	1700	24	13	1300	1300	1400	64			100	
5/12/2005	XX	LTLPXX002	11	2 U	0.28	1100	35	61	970	840	880	69			48	
7/25/2005	XX	LTLPXX01E	14	2 U	0.27	1800	86	30	1300	1600	1700	77			88	
11/9/2005	XX	LTLPXX036	12	2 U	0.1 U	920	50	95	1000	900	980	40	22	140	48	10 U
5/2/2006	XX	LTLPXX082	12	2 U	0.3	1300	54	80	1100	890	980	47			53	
8/3/2006	XX	LTLPXX06A	12	2 U	0.41	910	58	32	820	780	810	52			41	
10/18/2006	XX	LTLPXX04I	17	2 U	0.65	1400	50	120	650	1040	1100	48	20	170	65	19
5/21/2007	XX	LTLPXX09E	1.1	2 U	0.43	1000	65	66	790	780	820	59			47	
5/21/2007	XD	LTXXXX0ED	1.1	2 U	0.47	1100	64	54	850		860	77			38	
8/8/2007	XX	LTLPXX0B7	A	A		A	A	A	A	A	A	A			A	
11/6/2007	XX	LTLPXX0CJ	4.2	1.9	0.28	1200	82	320	680	590	640	67	64	200	38	0.015
5/27/2008	XX	LTLPXX0F7	1.2	0.5 U	0.22	1200	63	15	810	880	930	92			69	
8/19/2008	XX	LTLPXX0H7	4.3	0.5 U	0.28	1100	66	33	740	860	920	56			45	
10/22/2008	XX	LTLPXX0IF	6	0.5 U	0.55	1900	69	100	1500	1300	1400	120	110	300	92	0.01 U
5/7/2009	XX	LTLPXX10F	7.5	0.5 U		1400	50	50	1200	940	1000	170			33	
8/12/2009	XX	LTLPXX12F	8.3	0.5 U	0.26	1400	30	4	1300	1120	1200	260			59	
10/27/2009	XX	LTLPXX143	4.9	0.59	0.14	840	59	65	680	675	710	150	170	400	34	0.18
6/7/2010	XX	LTLPXX164	8.2	0.5 U	0.19	1300	87	48	670	960	1000	130			62	
6/7/2010	XD	LTDP4X162	8	0.5 U	0.21	1300	95	48	680		1000	130			62	
8/18/2010	XX	LTLPXX185	15	0.5 U	0.022	2000	46	11	760	1560	1700	110			140	
10/21/2010	XX	LTLPXX19D	10	0.5 U	0.37	1400	45	150	920	1060	1100	68	18	140	66	0.01 U
5/18/2011	XX	LTXXXX1ED	5	0.5 U	0.11	710	31	37	500	610	610	37			24	
5/18/2011	XD	LTXXXX1EI	5	0.5 U	0.11	710	33	37	510	620	620	36			24	
8/10/2011	XX	LTXXXX1G4	6.6	0.2 U	0.51	1300	68	15	680	1200	1300	89			130	
11/2/2011	XX	LTXXXX1HF	11	0.2 U	0.16	1200	17	67	750	1100	1100	51			48	
11/2/2011	XD	LTDP3X1I0	11	0.2 U	0.15	1100	20	66	770	980	980	51			48	
5/14/2012	XX	LTXXXX1J9	5.6	0.52	0.035	640	24	33	490	520	520	26			17	
8/15/2012	XX	LTXXXX212	5.3	0.25 U	0.33	1300	100	13	690	1100	1100	96.5			85	
8/15/2012	XD	LTDP3X217	5.3	0.25 U	0.34	1300	92	13	650	1000	1000	97.7			84	
10/30/2012	XX	LTXXXX22G	9.6	0.25 U	0.12	940	23	70	680	780	780	32			33	
5/21/2013	XX	LTXXXX24A	8	0.25 U	0.14	960	42	26	650	810	810	31			42	
7/25/2013	XX	LTXXXX264	6.4	0.25 U	0.17	900	70	11	370	740	760	43			47	
10/1/2013	XX	LTXXXX27I	11	0.25 U	0.066	1000	18	18	510	890	890	33			37	
6/5/2014	XX	LTXXXX29C	11	0.05 U	0.1 U	1100	7.2	1 U	749	850	850	27			39	
8/21/2014	XX	LTXXXX2B6	27	0.05 U	0.14	1800	82	1.1	1160	1400	1400	51			82	

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

(LP) Date	Type	Sample ID	Ammonia (N) mg/L	Nitrate (N) mg/L	Total Phosphorus mg/L	Total Dissolved Solids mg/L	Total Suspended Solids mg/L	Sulfate mg/L	Ca-mg Hardness (CaCO3) mg/L	Bicarbonate Alkalinity (CaCO3) mg/L	Alkalinity (CaCO3) mg/L	Organic Carbon mg/L	Biochemical Oxygen Demand mg/L	Chemical Oxygen Demand mg/L	Chloride mg/L	Cyanide ug/L	
11/13/2014	XX	LTXXXX2D0	6.9	1.1	0.1 U	830	7.2	100	556	590	590	23			23		
6/4/2015	XX	LTXXXX2EG	6.2	0.36	0.1 U	700	15	28	500	550	560	18			19		
9/3/2015	XX	LTXXXX2GB	7.8	0.16	0.14	1100	26	1.5	705	870	880	47			50		
11/5/2015	XX	LTXXXX2I5	7.6	0.39	0.1 U	800	25	3.1	548	640	640	24			24		
6/16/2016	XX	LTXXXX31F	11	0.38	0.1 U	1100	6.8	1 U	760	930	930	30			48		
9/22/2016	XX	LTXXXX339	4.2	0.84	0.19	1400	24	1 U	871	1000	1100	54			82		
11/10/2016	XX	LTXXXX353	14	0.69	0.1 U	1500	14	1 U	918	1200	1200	51			82		
6/15/2017	XX	LTXXXX36I	12	0.12	0.1 U	1000	4 U	26	810	910	910	30			39		
8/31/2017	XX	LTXXXX38C	27	0.05 U	0.11	1800	10	1 U	1230	1600	1600	55			91		
11/16/2017	XX	LTXXXX3A6	7.4	0.75	0.1 U	780	8.4	77	610	600	600	22			26		
6/21/2018	XX	LTXXXX3C1	9.2	1.4	0.1 U	1300	8.8	1 U	875	1000	1000	34			50		
8/16/2018	XX	LTXXXX3CG	5.5	0.53	0.15	1000	49	54	644	810	820	35			50		
11/29/2018	XX	LTXXXX3F9	3.2	0.6	0.1 U	270	4 U	33	259	260	260	9.9			11		
6/6/2019	XX	LTXXXX3H4	7.5	0.18	0.1 U	680	17	23	551	630	630	19			20		
8/15/2019	XX	LTXXXX3HJ	16	0.05 U	0.1 U	1200	4 U	1 U	824	1100	1100	45			51		
10/24/2019	XX	LTXXXX40C	12	0.68	0.1 U	950	6.8	35	696	850	850	30			39		
6/18/2020	XX	LTXXXX427	12	0.05 U	0.1 U	1000	4 U	1 U	742	1000	1000	32			39		
8/6/2020	XX	LTXXXX432	4.4	0.31	0.1 U	1200	10	1.4	907	1000	1000	43			57		
10/22/2020	XX	LTXXXX45F	3.7	4.4	0.1 U	750	9.6	88	565	540	540	24			27		

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

Blank Cells appear when a parameter was not analyzed.

Concentration Qualifier Notes:

A - The sampling location was Inaccessible

U - Not Detected above the laboratory reporting limit.

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

(301) Date	Type	Sample ID	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	C9-C12 ALIPHATICS (ADJUSTED) ug/L	C9-C10 AROMATICS (ADJUSTED) ug/L	C5-C8 ALIPHATICS (ADJUSTED) ug/L	Methyltertiary butylether ug/L	Naphthalene ug/L
301												
10/30/2012	XX	GW301X21C	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	4.81 U
10/1/2013	XX	GW301X26E	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
11/11/2014	XX	GW301X2BG	3 U	5 U	5 U	5 U	10 U	94 U	94 U	94 U	5 U	5 U
11/4/2015	XX	GW301X2H1	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/10/2016	XX	GW301X33JVPH	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/14/2017	XX	GW301X392	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/28/2018	XX	GW301X3E5	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/23/2019	XX	GW301X3J8	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/21/2020	XX	GW301X44B	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
302B												
10/30/2012	XX	GW302B21D	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	4.81 U
10/1/2013	XX	GW302B26F	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
11/11/2014	XX	GW302B2BH	3 U	5 U	5 U	5 U	10 U	94 U	94 U	94 U	5 U	5 U
11/4/2015	XX	GW302B2H2	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/8/2016	XX	GW302B340VPH	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/14/2017	XX	GW302B393	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/28/2018	XX	GW302B3E6	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/23/2019	XX	GW302B3J9	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/21/2020	XX	GW302B44C	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
302C												
10/30/2012	XX	GW302C21E	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	4.81 U
10/30/2012	XD	GWDP3X231	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	4.81 U
10/1/2013	XX	GW302C26G	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
10/1/2013	XD	GWDP1X281	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
11/11/2014	XX	GW302C2BI	3 U	5 U	5 U	5 U	10 U	94 U	94 U	94 U	5 U	5 U
11/11/2014	XD	GWDP1X2D3	3 U	5 U	5 U	5 U	10 U	94 U	94 U	94 U	5 U	5 U
11/4/2015	XX	GW302C2H3	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/4/2015	XD	GWDP1X2I8	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/8/2016	XD	GWDP1X356VPH	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/8/2016	XX	GW302C341VPH	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/14/2017	XD	GWDP1X3A9	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/14/2017	XX	GW302C394	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/28/2018	XD	GWDP1X3FC	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/28/2018	XX	GW302C3E7	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/23/2019	XD	GWDP1X40F	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/23/2019	XX	GW302C3JA	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/21/2020	XD	GWDP1X45I	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/21/2020	XX	GW302C44D	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
LP												
8/15/2012	XX	LTXXXX212	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
8/15/2012	XD	LTDP3X217	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
10/30/2012	XX	LTXXXX22G	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5.05 U
5/21/2013	XX	LTXXXX24A	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5.21 U
7/25/2013	XX	LTXXXX264	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
10/1/2013	XX	LTXXXX27I	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
6/5/2014	XX	LTXXXX29C	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	1.9 U

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

(LP) Date	Type	Sample ID	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	C9-C12 ALIPHATICS (ADJUSTED) ug/L	C9-C10 AROMATICS (ADJUSTED) ug/L	C5-C8 ALIPHATICS (ADJUSTED) ug/L	Methyltertiary butylether ug/L	Naphthalene ug/L
8/21/2014	XX	LTXXXX2B6	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	1.9 U
11/13/2014	XX	LTXXXX2D0	3 U	5 U	5 U	5 U	10 U	94 U	94 U	94 U	5 U	5 U
6/4/2015	XX	LTXXXX2EG	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	1.9 U
9/3/2015	XX	LTXXXX2GB	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/5/2015	XX	LTXXXX2I5	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/16/2016	XX	LTXXXX31F	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
9/22/2016	XX	LTXXXX339	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/10/2016	XX	LTXXXX353DL	30 U	50 U	50 U	50 U	100 U	1000 U	1000 U	1000 U	50 U	50 U
6/15/2017	XX	LTXXXX36I	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/31/2017	XX	LTXXXX38C	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/16/2017	XX	LTXXXX3A6	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/21/2018	XX	LTXXXX3C1RA	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/16/2018	XX	LTXXXX3CG	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/29/2018	XX	LTXXXX3F9	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/6/2019	XX	LTXXXX3H4	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/15/2019	XX	LTXXXX3HJRA	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/24/2019	XX	LTXXXX40C	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/18/2020	XX	LTXXXX427	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/6/2020	XX	LTXXXX432	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/22/2020	XX	LTXXXX45F	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
QCBT												
8/15/2012	XX	BTXXXX21A	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
10/30/2012	XX	BTXXXX234	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
5/21/2013	XX	BTXXXX24I	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
7/25/2013	XX	BTXXXX26C	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
10/1/2013	XX	BTXXXX286	5 U	5 U	5 U	5 U	10 U	25 U	25 U	75 U	5 U	5 U
6/5/2014	XX	BTXXXX2A0	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/21/2014	XX	BTXXXX2BE	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/11/2014	XX	BTXXXX2D8	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/13/2014	XX	BTXXXX2D9	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/4/2015	XX	BTXXXX2F4	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
9/3/2015	XX	BTXXXX2GJ	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/4/2015	XX	BTXXXX2ID	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/5/2015	XX	BTXXXX2IE	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/16/2016	XX	BTXXXX323	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
9/22/2016	XX	BTXXXX33H	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/8/2016	XX	BTXXXX35B	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/10/2016	XX	BTXXXX35C	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/15/2017	XX	BTXXXX376	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/31/2017	XX	BTXXXX390	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/14/2017	XX	BTXXXX3AE	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/16/2017	XX	BTXXXX3AF	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/21/2018	XX	BTXXXX3C9RA	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/16/2018	XX	BTXXXX3D4	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/28/2018	XX	BTXXXX3FH	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
11/29/2018	XX	BTXXXX3FI	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
6/6/2019	XX	BTXXXX3HC	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
8/15/2019	XX	BTXXXX3I7RA	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U
10/23/2019	XX	BTXXXX410	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U

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

(QCBT) Date	Type	Sample ID	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	o-Xylene ug/L	m,p-Xylene ug/L	C9-C12 ALIPHATICS (ADJUSTED) ug/L	C9-C10 AROMATICS (ADJUSTED) ug/L	C5-C8 ALIPHATICS (ADJUSTED) ug/L	Methyltertiary butylether ug/L	Naphthalene ug/L					
10/24/2019	XX	BTXXXX411	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U					
6/18/2020	XX	BTXXXX42F	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U					
8/6/2020	XX	BTXXXX43A	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U					
10/21/2020	XX	BTXXXX463	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 U	5 U	5 U					
10/22/2020	XX	BTXXXX464	3 U	5 U	5 U	5 U	10 U	100 U	100 U	100 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.

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

(301)			C9-C18 ALIPHATICS (ADJUSTED)	C19-C36 ALIPHATICS (ADJUSTED)	C11-C22 AROMATICS (ADJUSTED)	2-Methyl naphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	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				
301																	
10/30/2012	XX	GW301X21C	96.2 U	96.2 U	96.2 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U				
10/1/2013	XX	GW301X26E	102 U	102 U	102 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U				
11/11/2014	XX	GW301X2BG	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/4/2015	XX	GW301X2H1	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/10/2016	XX	GW301X33J	94 U	94 U	380	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/14/2017	XX	GW301X392	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/28/2018	XX	GW301X3E5	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/23/2019	XX	GW301X3J8RA	93 U	93 U	93 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/23/2019	XX	GW301X3J8RE	93 U	93 U	93 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/21/2020	XX	GW301X44BRA	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
302B																	
10/30/2012	XX	GW302B21D	96.2 U	96.2 U	96.2 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U				
10/1/2013	XX	GW302B26F	101 U	101 U	101 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U				
11/11/2014	XX	GW302B2BH	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/4/2015	XX	GW302B2H2	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/8/2016	XX	GW302B340	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/14/2017	XX	GW302B393	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/28/2018	XX	GW302B3E6	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/23/2019	XX	GW302B3J9	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/23/2019	XX	GW302B3J9RE	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/21/2020	XX	GW302B44CRA	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
302C																	
10/30/2012	XX	GW302C21E	96.2 U	96.2 U	96.2 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U				
10/30/2012	XD	GWDP3X231	96.2 U	96.2 U	96.2	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U				
10/1/2013	XX	GW302C26G	101 U	101 U	101 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U				
10/1/2013	XD	GWDP1X281	101 U	101 U	101 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U				
11/11/2014	XX	GW302C2BI	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/11/2014	XD	GWDP1X2D3	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/4/2015	XX	GW302C2H3	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/4/2015	XD	GWDP1X2I8	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/8/2016	XD	GWDP1X356	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/8/2016	XX	GW302C341	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/14/2017	XD	GWDP1X3A9	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/14/2017	XX	GW302C394	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/28/2018	XD	GWDP1X3FC	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/28/2018	XX	GW302C3E7	150	1900	630	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/23/2019	XD	GWDP1X40FRE	92 U	92 U	92 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U				
10/23/2019	XD	GWDP1X40F	93 U	93 U	93 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/23/2019	XX	GW302C3JARE	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/23/2019	XX	GW302C3JA	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/21/2020	XD	GWDP1X45IRA	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/21/2020	XX	GW302C44DRA	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
LP																	
8/15/2012	XX	LTXXXX212	100 U	100 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U				
8/15/2012	XD	LTDP3X217	100 U	100 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U				
10/30/2012	XX	LTXXXX22G	101 U	101 U	101 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U				

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4 BLANCHARD ROAD
CUMBERLAND CENTER, ME 04021

(LP) Date	Type	Sample ID	C9-C18 ALIPHATICS (ADJUSTED) ug/L	C19-C36 ALIPHATICS (ADJUSTED) ug/L	C11-C22 AROMATICS (ADJUSTED) ug/L	2-Methyl naphthalene ug/L	Acenaphthylene ug/L	Acenaphthene ug/L	Fluorene ug/L	Phenanthrene ug/L	Anthracene ug/L	Fluoranthene ug/L	Pyrene ug/L				
5/21/2013	XX	LTXXXX24A	104 U	104 U	104 U	5.21 U	5.21 U	5.21 U	5.21 U	5.21 U	5.21 U	5.21 U	5.21 U				
7/25/2013	XX	LTXXXX264	100 U	100 U	100 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U				
10/1/2013	XX	LTXXXX27I	102 U	102 U	102 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U				
6/5/2014	XX	LTXXXX29C	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
8/21/2014	XX	LTXXXX2B6	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/13/2014	XX	LTXXXX2D0	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
6/4/2015	XX	LTXXXX2EG	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
9/3/2015	XX	LTXXXX2GB	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/5/2015	XX	LTXXXX2I5	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
6/16/2016	XX	LTXXXX31F	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
9/22/2016	XX	LTXXXX339RE	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/10/2016	XX	LTXXXX353	94 U	94 U	280	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
6/15/2017	XX	LTXXXX36I	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
8/31/2017	XX	LTXXXX38C	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/16/2017	XX	LTXXXX3A6	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
6/21/2018	XX	LTXXXX3C1RE	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
6/21/2018	XX	LTXXXX3C1	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
8/16/2018	XX	LTXXXX3CG	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
11/29/2018	XX	LTXXXX3F9	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
6/6/2019	XX	LTXXXX3H4	95 U	360	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
6/6/2019	XX	LTXXXX3H4RE	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
8/15/2019	XX	LTXXXX3HJRE	95 U	95 U	95 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/24/2019	XX	LTXXXX40C	93 U	93 U	93 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/24/2019	XX	LTXXXX40CRE	99 U	99 U	99 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U				
6/18/2020	XX	LTXXXX427RE	93 U	93 U	93 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
8/6/2020	XX	LTXXXX432	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U				
10/22/2020	XX	LTXXXX45FRA	94 U	94 U	94 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 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.

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

(301) Date	Type	Sample ID	Naphthalene (EPH) ug/L	Benzo(a) Anthracene ug/L	Chrysene ug/L	Benzo(b) Fluoranthene ug/L	Benzo(k) Fluoranthene ug/L	Benzo(a) Pyrene ug/L	Indeno(1,2,3-c,d) Pyrene ug/L	Dibenz(a,h) Anthracene ug/L	Benzo(g,h,i) perylene ug/L						
301																	
10/30/2012	XX	GW301X21C		4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U						
10/1/2013	XX	GW301X26E		5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U						
11/11/2014	XX	GW301X2BG		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/4/2015	XX	GW301X2H1	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/10/2016	XX	GW301X33J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/14/2017	XX	GW301X392	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/28/2018	XX	GW301X3E5	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/23/2019	XX	GW301X3J8RA	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/23/2019	XX	GW301X3J8RE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/21/2020	XX	GW301X44BRA	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
302B																	
10/30/2012	XX	GW302B21D		4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U						
10/1/2013	XX	GW302B26F		5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U						
11/11/2014	XX	GW302B2BH		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/4/2015	XX	GW302B2H2	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/8/2016	XX	GW302B340	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/14/2017	XX	GW302B393	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/28/2018	XX	GW302B3E6	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/23/2019	XX	GW302B3J9	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/23/2019	XX	GW302B3J9RE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/21/2020	XX	GW302B44CRA	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
302C																	
10/30/2012	XX	GW302C21E		4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U						
10/30/2012	XD	GWDP3X231		4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U	4.81 U						
10/1/2013	XX	GW302C26G		5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U						
10/1/2013	XD	GWDP1X281		5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U						
11/11/2014	XX	GW302C2BI		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/11/2014	XD	GWDP1X2D3		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/4/2015	XX	GW302C2H3	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/4/2015	XD	GWDP1X2I8	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/8/2016	XD	GWDP1X356	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/8/2016	XX	GW302C341	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/14/2017	XD	GWDP1X3A9	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/14/2017	XX	GW302C394	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/28/2018	XD	GWDP1X3FC	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/28/2018	XX	GW302C3E7	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/23/2019	XD	GWDP1X40FRE	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U						
10/23/2019	XD	GWDP1X40F	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/23/2019	XX	GW302C3JARE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/23/2019	XX	GW302C3JA	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/21/2020	XD	GWDP1X45IRA	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/21/2020	XX	GW302C44DRA	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
LP																	
8/15/2012	XX	LTXXXX212		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U						
8/15/2012	XD	LTDP3X217		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U						
10/30/2012	XX	LTXXXX22G		5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U	5.05 U						

SUMMARY REPORT

EPH (part 2 of 2)

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

(LP)

Date	Type	Sample ID	Naphthalene (EPH) ug/L	Benzo(a) Anthracene ug/L	Chrysene ug/L	Benzo(b) Fluoranthene ug/L	Benzo(k) Fluoranthene ug/L	Benzo(a) Pyrene ug/L	Indeno(1,2,3-c,d) Pyrene ug/L	Dibenz(a,h) Anthracene ug/L	Benzo(g,h,i) perylene ug/L						
5/21/2013	XX	LTXXXX24A		5.21 U	5.21 U	5.21 U	5.21 U	5.21 U	5.21 U	5.21 U	5.21 U						
7/25/2013	XX	LTXXXX264		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U						
10/1/2013	XX	LTXXXX27I		5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U	5.1 U						
6/5/2014	XX	LTXXXX29C		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
8/21/2014	XX	LTXXXX2B6		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/13/2014	XX	LTXXXX2D0		1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
6/4/2015	XX	LTXXXX2EG	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
9/3/2015	XX	LTXXXX2GB	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/5/2015	XX	LTXXXX2I5	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
6/16/2016	XX	LTXXXX31F	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
9/22/2016	XX	LTXXXX339RE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/10/2016	XX	LTXXXX353	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
6/15/2017	XX	LTXXXX36I	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
8/31/2017	XX	LTXXXX38C	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/16/2017	XX	LTXXXX3A6	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
6/21/2018	XX	LTXXXX3C1RE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
6/21/2018	XX	LTXXXX3C1	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
8/16/2018	XX	LTXXXX3CG	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
11/29/2018	XX	LTXXXX3F9	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
6/6/2019	XX	LTXXXX3H4	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
6/6/2019	XX	LTXXXX3H4RE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
8/15/2019	XX	LTXXXX3HJRE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/24/2019	XX	LTXXXX40C	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/24/2019	XX	LTXXXX40CRE	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U						
6/18/2020	XX	LTXXXX427RE	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
8/6/2020	XX	LTXXXX432	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U						
10/22/2020	XX	LTXXXX45FRA	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 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 H

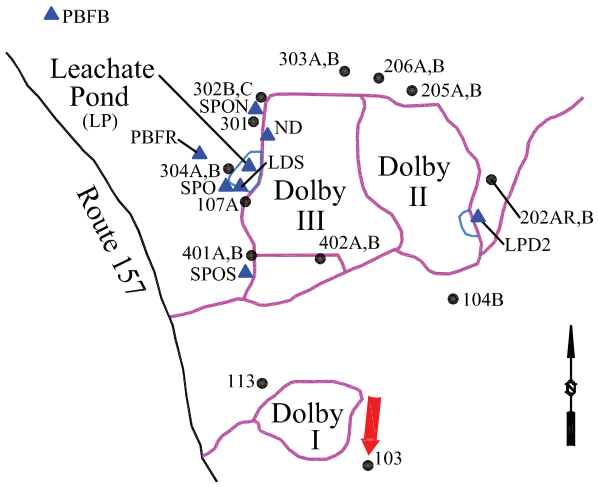
WELL EVALUATION DATA SUMMARY SHEETS WITH BOX AND WHISKER PLOTS

SME
SEVEE & MAHER
ENGINEERS

Well Description

Well located upgradient to southeast of Dolby I Landfill.

Screen Interval:	**Unknown TOS to 15 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-82**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		↑90	I	D	23	to 59	30 ±	0.86	44
Dissolved Oxygen (mg/L)		8.6	I	D	1	to 14.3	8.7 ±	0.44	43
pH (STU)		6.6	I	D	4.58	to 9.1	6.3 ±	0.12	44
Turbidity (field) (NTU)		1.1	I	D	0	to 23.4	1.7 ±	0.54	43

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

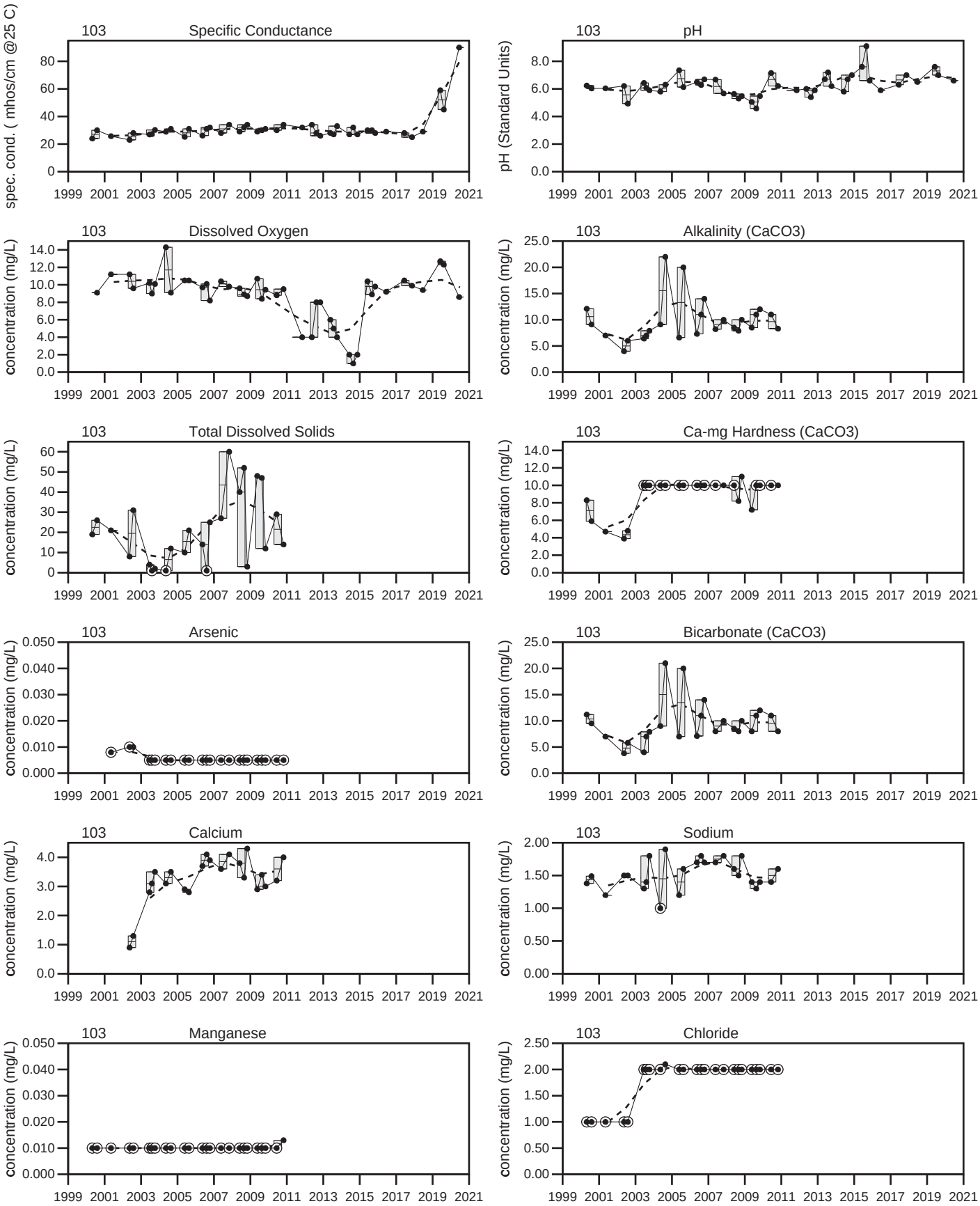
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020
Q3= 8 - 2020
Q4= 10 - 2020

I = The sampling location yielded insufficient quantity to collect a sample.

D = The sampling location was dry.



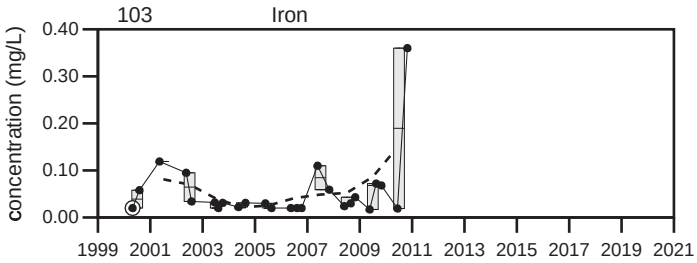
LEGEND

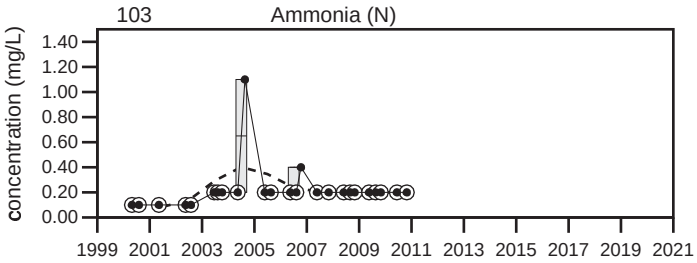
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

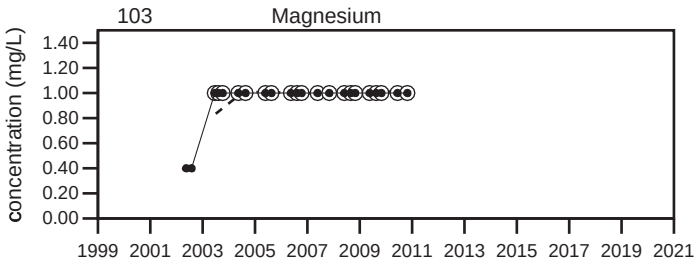
Dolby Landfill

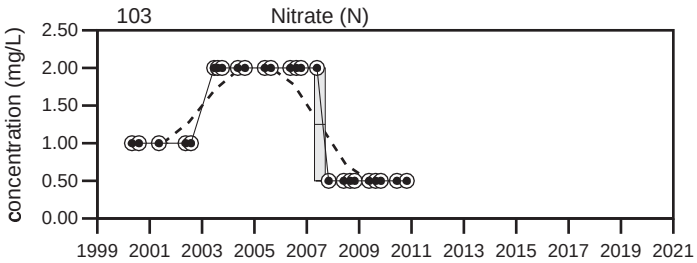
103

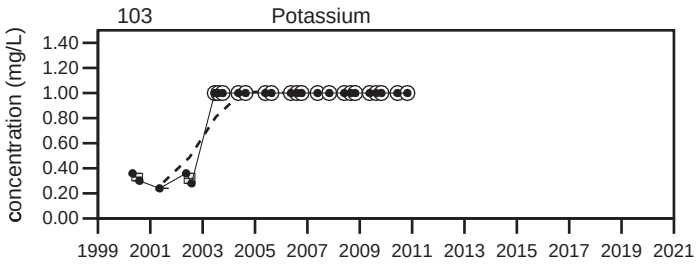
Sevee & Maher Engineers, Inc.

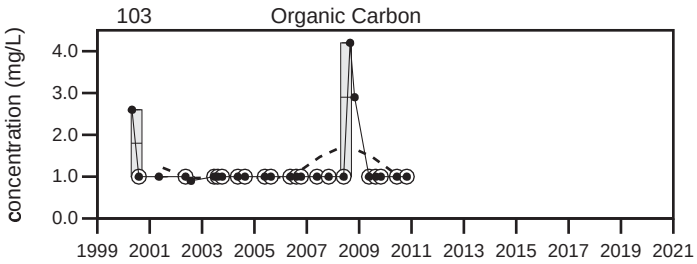


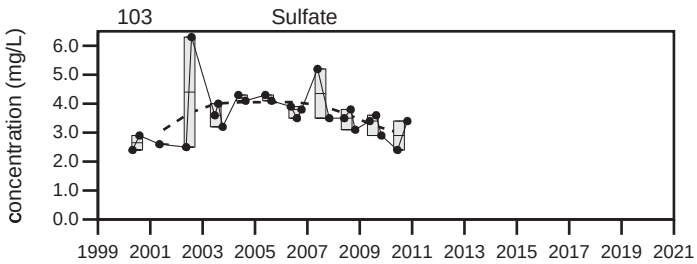


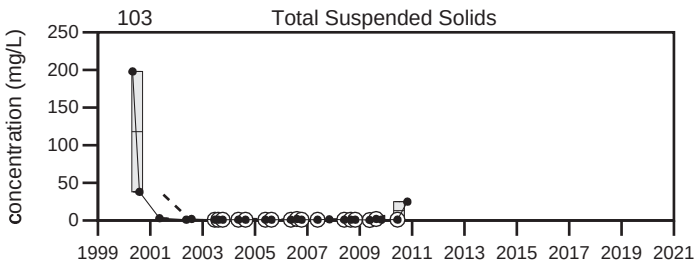


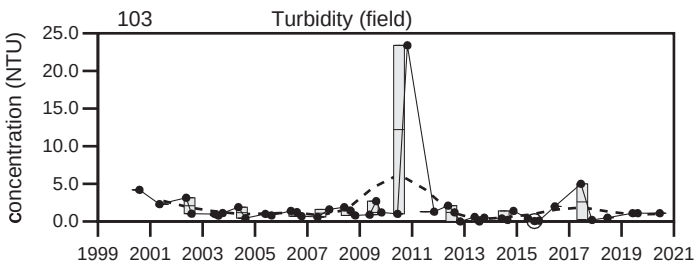












LEGEND

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

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

Dolby Landfill

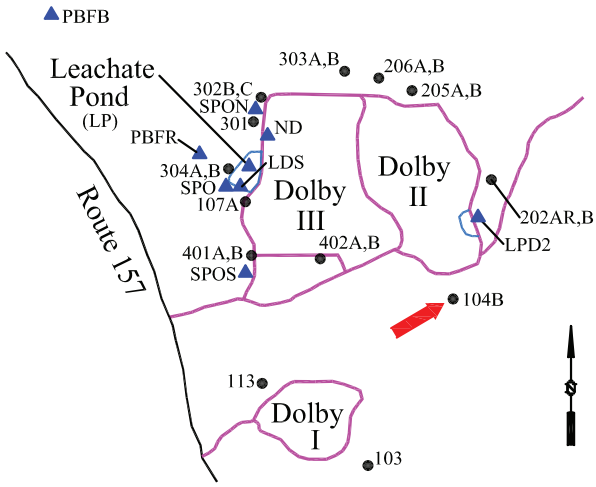
103

Sevee & Maher Engineers, Inc.

Well Description

Well located upgradient to south of Dolby II Landfill.

Screen Interval:	**Unknown TOS to 37 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Mar-82**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		151	124	128	113	174	140	1.2	60
Dissolved Oxygen (mg/L)		3.4	2.2	1.5	0.2	5.5	1.2	0.14	59
Total Dissolved Solids (mg/L)		100	53	98	34	140	92	2.6	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	0.01 U	0.0063	0.000	58
Calcium (mg/L)		22.1	24.4	22.6	9.1	27	21	0.46	54
Manganese (mg/L)		0.0131	0.019	0.0159	0.0079	0.132	0.039	0.003	60
pH (STU)		7.8	7.1	7.8	6.34	8.5	7.7	0.063	60
Alkalinity (CaCO3) (mg/L)		53	53	52	37	57	50	0.38	60
Ca-mg Hardness (CaCO3) (mg/L)		62.3	68.7	63.5	29.2	75	58	1.4	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		53	53	52	37	57	48	0.47	60
Sodium (mg/L)		4.35	4.68	4.65	3.3	5.1	4.1	0.05	60
Chloride (mg/L)		2 U	2 U	2 U	1	3.9	2.1	0.074	60
Iron (mg/L)		0.1 U	0.1 U	0.1 U	0.01 U	0.329	0.062	0.008	60
Magnesium (mg/L)		1.75	1.9	1.7	1.5	2.01	1.7	0.017	54
Potassium (mg/L)		1 U	1.02	1.1	0.91	1.3	1	0.01	60
Sulfate (mg/L)		15	↓14	15	15	19	17	0.14	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	186	5.3	3.1	60
Turbidity (field) (NTU)		0.4	0.3	0.3	0	5.5	0.47	0.09	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U	0.9	0.17	0.014	60
Nitrate (N) (mg/L)		0.063	0.06	0.05 U	0.05 U	2 U	0.7	0.091	60
Organic Carbon (mg/L)		1 U	1 U	1 U	0.5 U	2.2	1	0.029	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

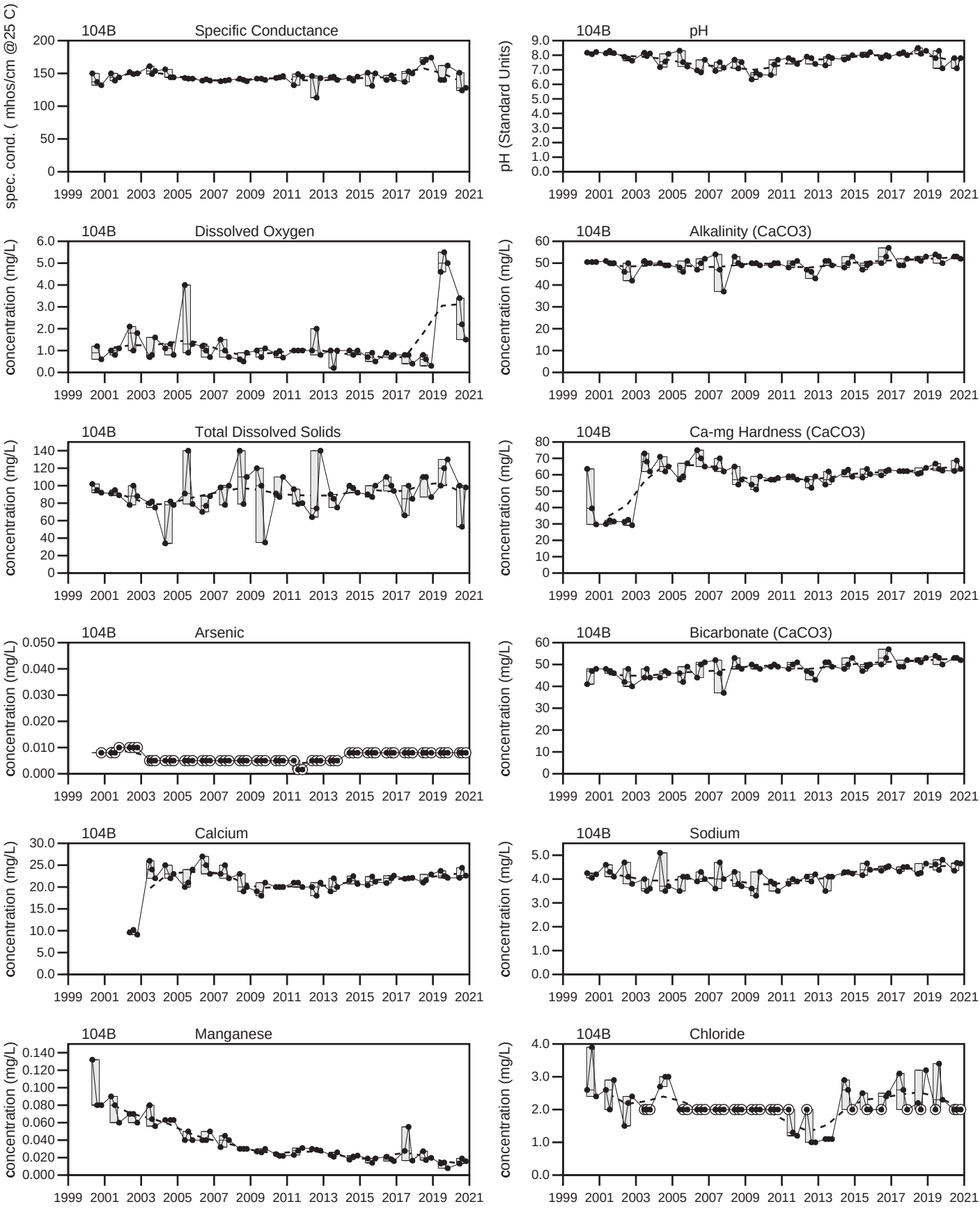
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



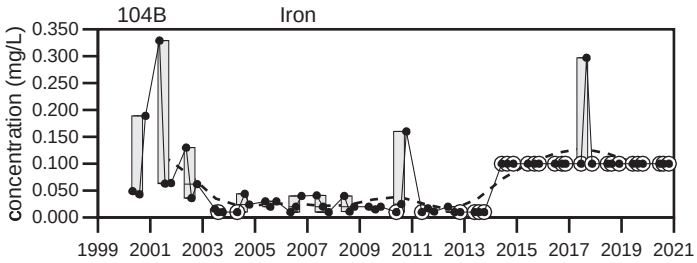
LEGEND

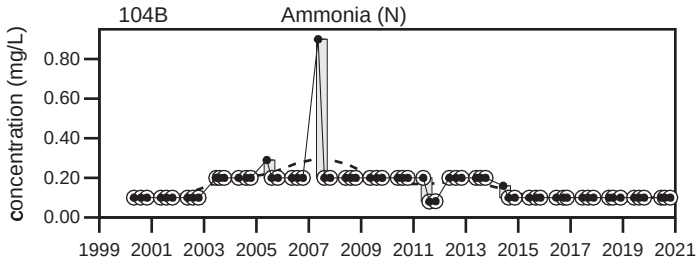
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

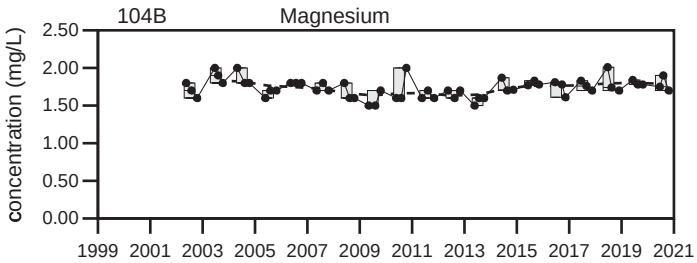
Dolby Landfill

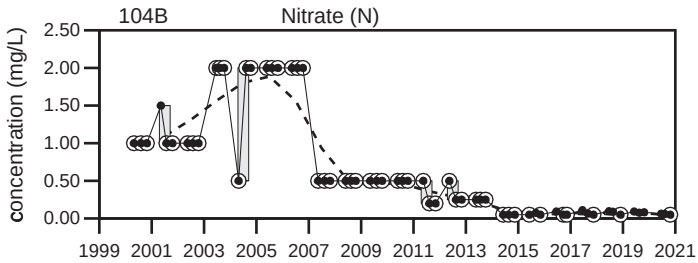
104B

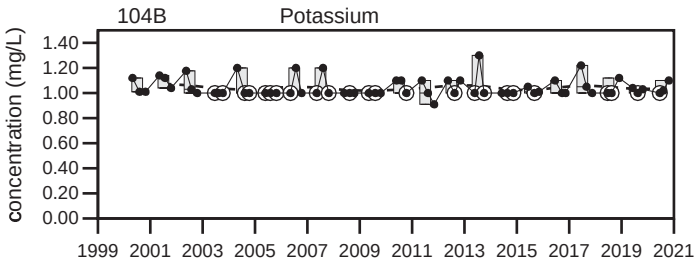
Sevee & Maher Engineers, Inc.

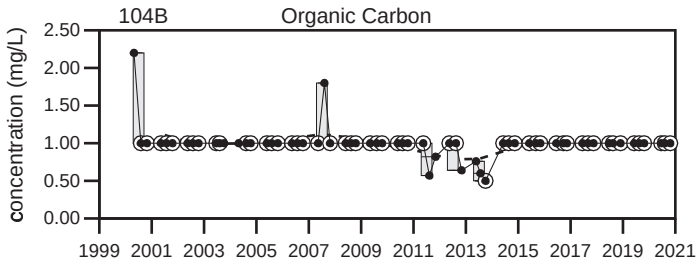


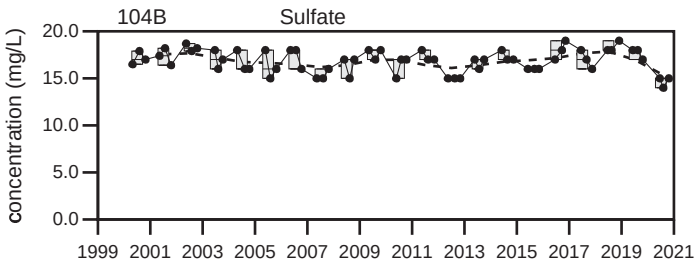


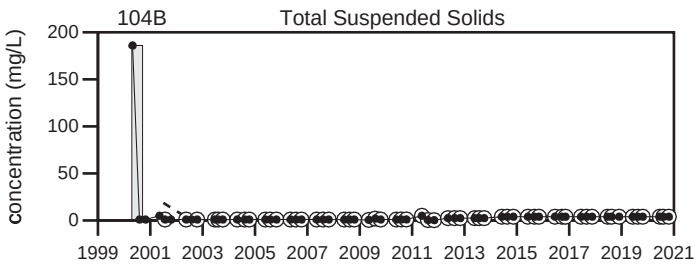


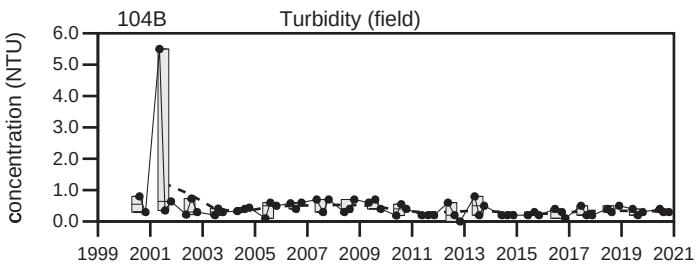


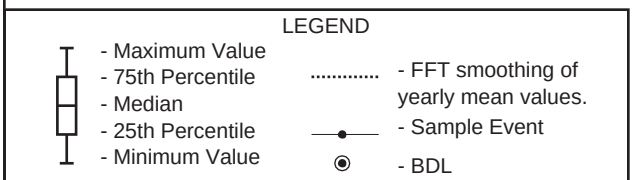












Dolby Landfill

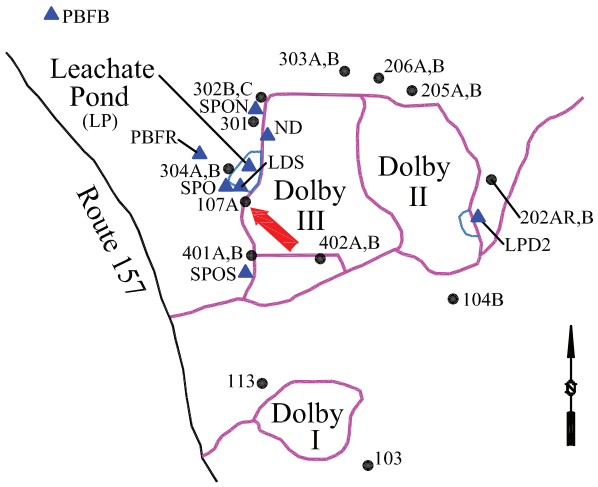
104B

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the west of the Dolby III Landfill.

Screen Interval:	**Unknown TOS to 19.36 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-82**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Intiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		565	760	1190	477	2710	1100	± 71	60
Dissolved Oxygen (mg/L)		0.5	0.7	0.9	0.1 U	3.5	0.69	± 0.066	59
Total Dissolved Solids (mg/L)		580	530	930	280	1834	690	± 49	60
Arsenic (mg/L)		0.008 U	0.008 U	0.02 U	0.0016 U	0.043	0.0077	± 0.001	58
Calcium (mg/L)		70	74	99.8	50	370.2	110	± 8.7	54
Manganese (mg/L)		**13.7**	**11.3**	**22.6**	0.79	72.5	21	± 2.2	60
pH (STU)		7	6.7	7	5.98	7.3	6.7	± 0.031	60
Alkalinity (CaCO3) (mg/L)		570	520	1000	250	1440	570	± 38	60
Ca-mg Hardness (CaCO3) (mg/L)		399	445	780	200	1548.1	540	± 40	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		570	520	1000	240	1429	550	± 36	60
Sodium (mg/L)		**26.5**	**28.5**	**51.2**	12	93.2	36	± 2.4	60
Chloride (mg/L)		39	28	54	14	222	61	± 5.9	60
Iron (mg/L)		0.1 U	0.182	0.212	0.02 U	1.85	0.46	± 0.052	60
Magnesium (mg/L)		54.4	63.2	129	18.6	140	59	± 4.6	54
Potassium (mg/L)		12.6	17.7	↑59.2	1.1	28.9	5.2	± 0.71	60
Sulfate (mg/L)		5.8	7.3	1 U	1 U	15.4	7.4	± 0.4	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	43	3.2	± 0.71	60
Turbidity (field) (NTU)		0.6	0.5	0.6	0	3.1	0.45	± 0.057	59
Ammonia (N) (mg/L)		0.35	0.6	↑5.6	0.08 U	2.2	0.27	± 0.045	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	2	0.8	± 0.1	60
Organic Carbon (mg/L)		7.2	6.7	21	1.5	62.6	11	± 1.3	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

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

Comments

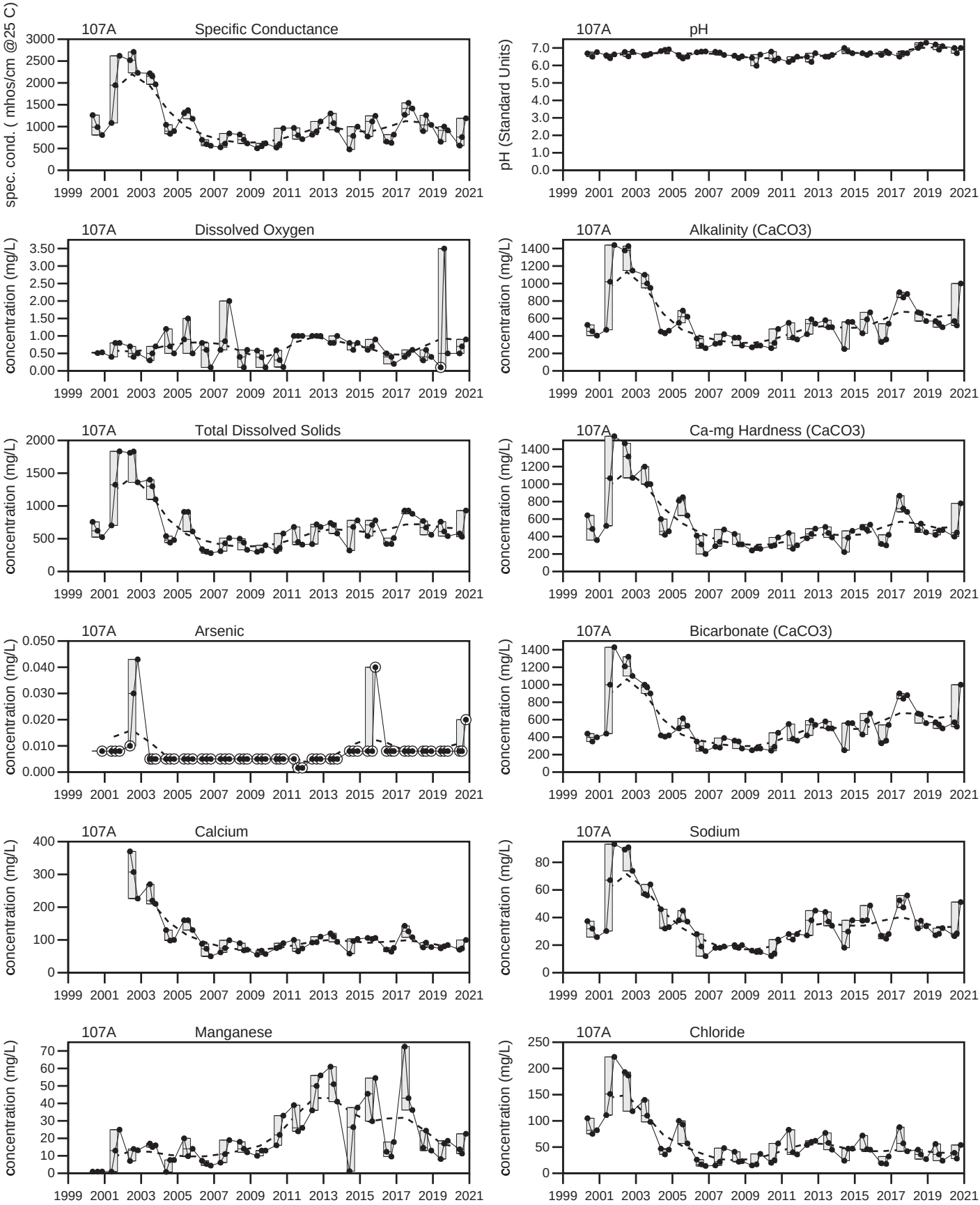
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 179
Printed: 3/30/2021 09:22

SME SEVEE & MAHER ENGINEERS



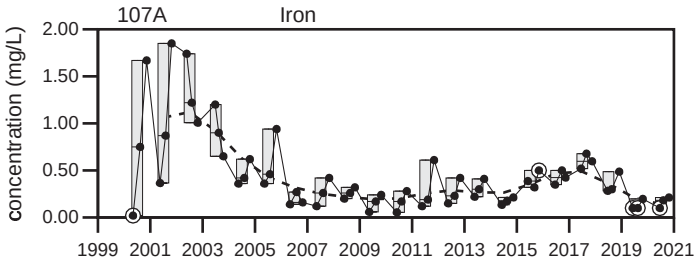
LEGEND

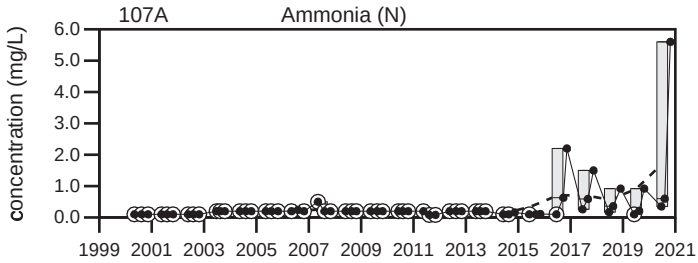
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

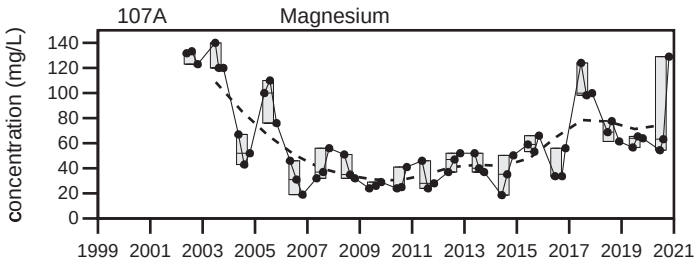
Dolby Landfill

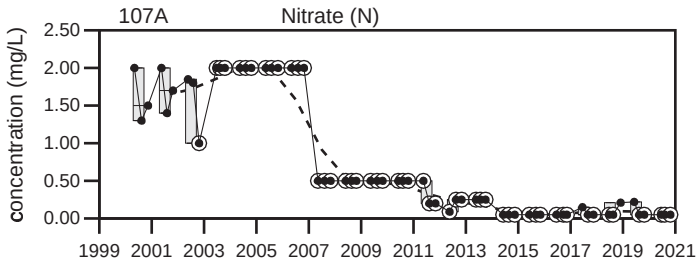
107A

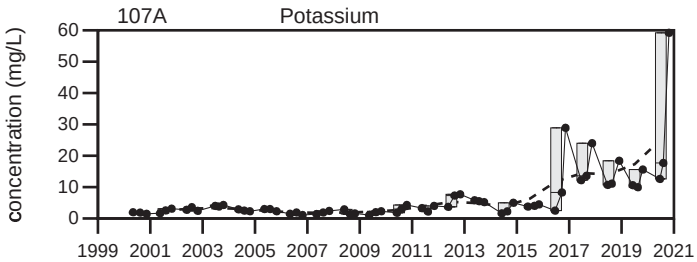
Sevee & Maher Engineers, Inc.

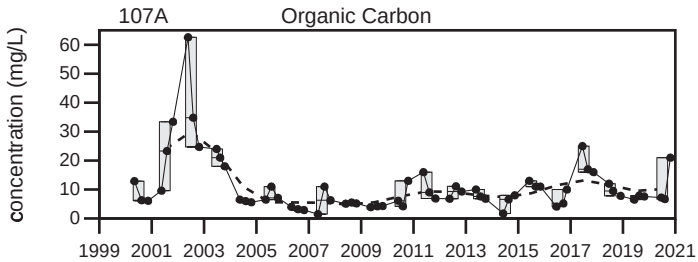


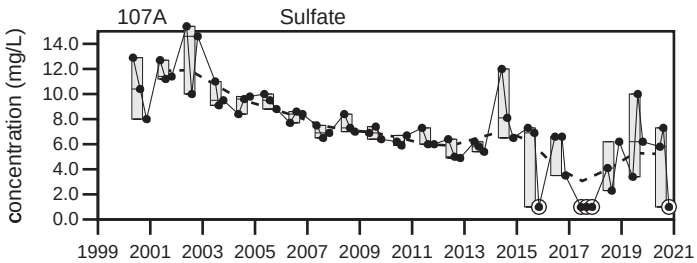


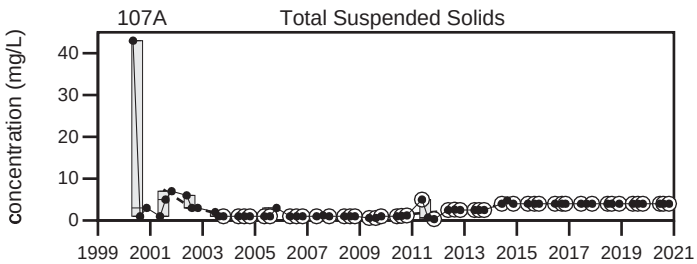


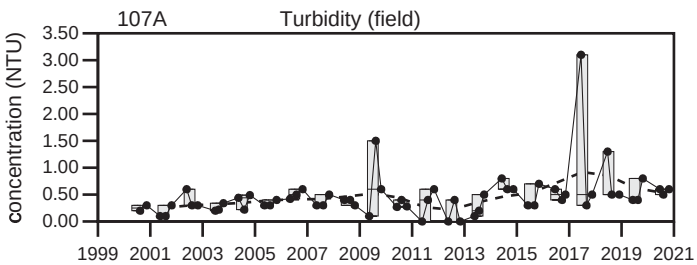


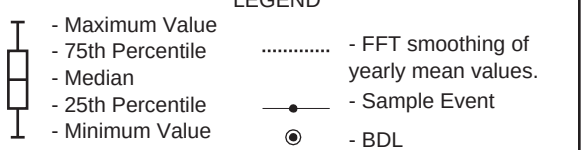












Dolby Landfill

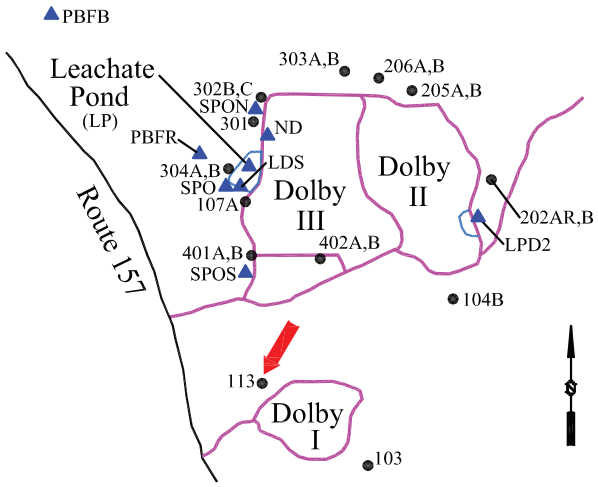
107A

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to northwest of Dolby I Landfill.

Screen Interval:	**Unknown TOS to 21.6 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Nov-83**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		↓683	806	998	767	to 1504	1100	± 24	57
Dissolved Oxygen (mg/L)		3.2	5	7.6	0.1	to 9.9	1.1	± 0.23	56
pH (STU)		6.9	6.8	6.8	6	to 7.3	6.4	± 0.032	57
Turbidity (field) (NTU)		0.8	0.5	1.7	0	to 4.2	0.75	± 0.095	56

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

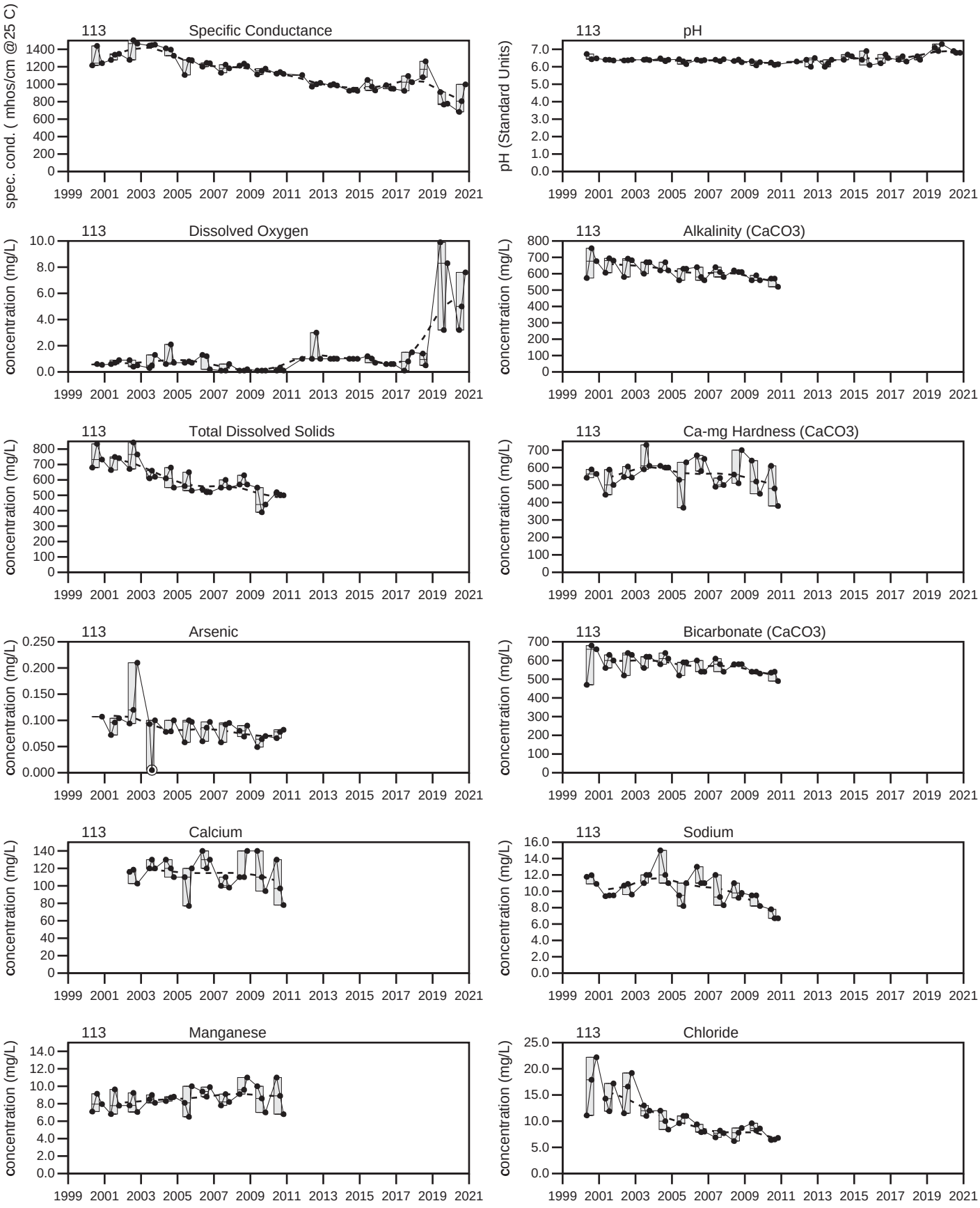
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020

Q3= 8 - 2020

Q4= 10 - 2020



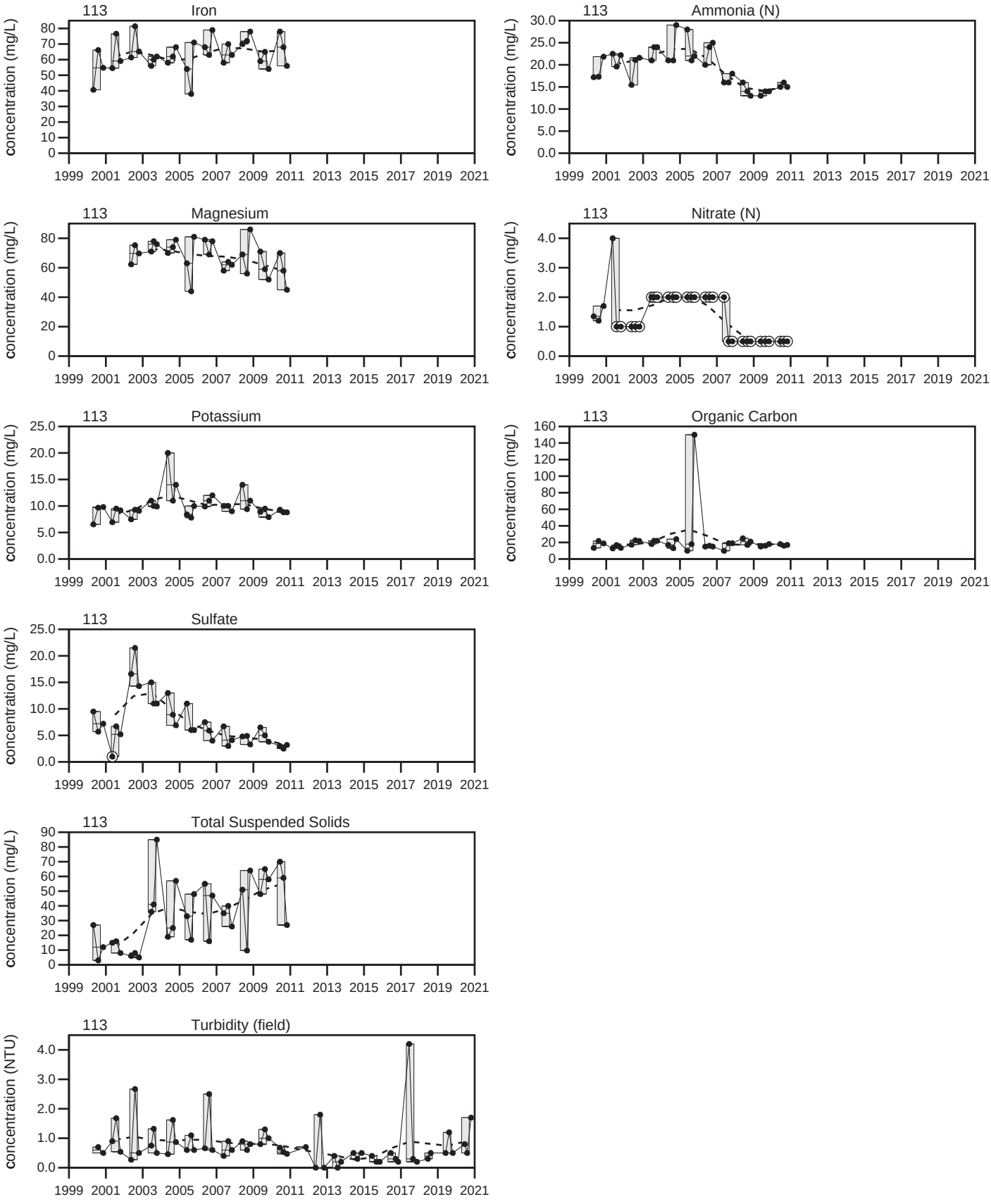
LEGEND

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

Dolby Landfill

113

Sevee & Maher Engineers, Inc.



Dolby Landfill

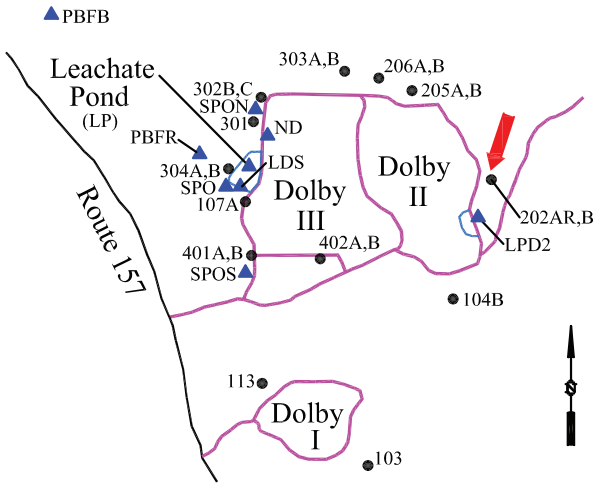
113

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the east of the Dolby II Landfill.

Screen Interval:	**71.5 ft. to 81.5 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Oct-94**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

	2020				Historical (1/1/2000 - 12/31/2020)			
Indicator Parameters	Q1	Q2	Q3	Q4	Min to Max	Mean ± SE	n
Specific Conductance (µmhos/cm @25°C)		↓1273	↓1272	↓1276	1394 to 1995	1600 ± 21	59
Dissolved Oxygen (mg/L)		0.5	0.4	1.5	0.1 to 5.56	1 ± 0.15	58
Total Dissolved Solids (mg/L)		920	850	880	840 to 1176	980 ± 11	59
Arsenic (mg/L)		0.008 U	**0.012**	**0.013**	0.005 U to 0.071	0.014 ± 0.002	57
Calcium (mg/L)		203	221	220	122.8 to 500	240 ± 8.1	53
Manganese (mg/L)		↓**13.7**	**15.4**	**16.3**	14.5 to 26	18 ± 0.34	59
pH (STU)		6.6	6.5	6.8	6.06 to 6.9	6.6 ± 0.017	59
Alkalinity (CaCO3) (mg/L)		940	860	870	100 to 1110	940 ± 17	59
Ca-mg Hardness (CaCO3) (mg/L)		795	874	864	469.3 to 1700	950 ± 25	59
Bicarbonate Alkalinity (CaCO3) (mg/L)		940	860	870	98 to 1105	910 ± 16	59
Sodium (mg/L)		**21.9**	**23**	**22.7**	21.2 to 39	26 ± 0.5	59
Chloride (mg/L)		15	15	↓14	15 to 41.2	23 ± 0.9	59
Iron (mg/L)		0.559	1.35	1.82	0.35 to 2.04	1.3 ± 0.046	59
Magnesium (mg/L)		70.1	78.4	76.6	39.5 to 130	83 ± 2	53
Potassium (mg/L)		13	13.8	14	8.32 to 17	13 ± 0.23	59
Sulfate (mg/L)		1 U	2.1	1 U	1 U to 12.5	4.7 ± 0.39	59
Total Suspended Solids (mg/L)		4 U	4.4	4 U	0.6 U to 17	3.3 ± 0.31	59
Turbidity (field) (NTU)		0.6	0.4	0.5	0 to 1.7	0.4 ± 0.044	58
Ammonia (N) (mg/L)		3	3.2	3.6	0.784 to 4.8	2.9 ± 0.11	59
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U to 2.7	0.81 ± 0.11	59
Organic Carbon (mg/L)		9.3	9.5	9.8	7.5 to 47	13 ± 0.73	59

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

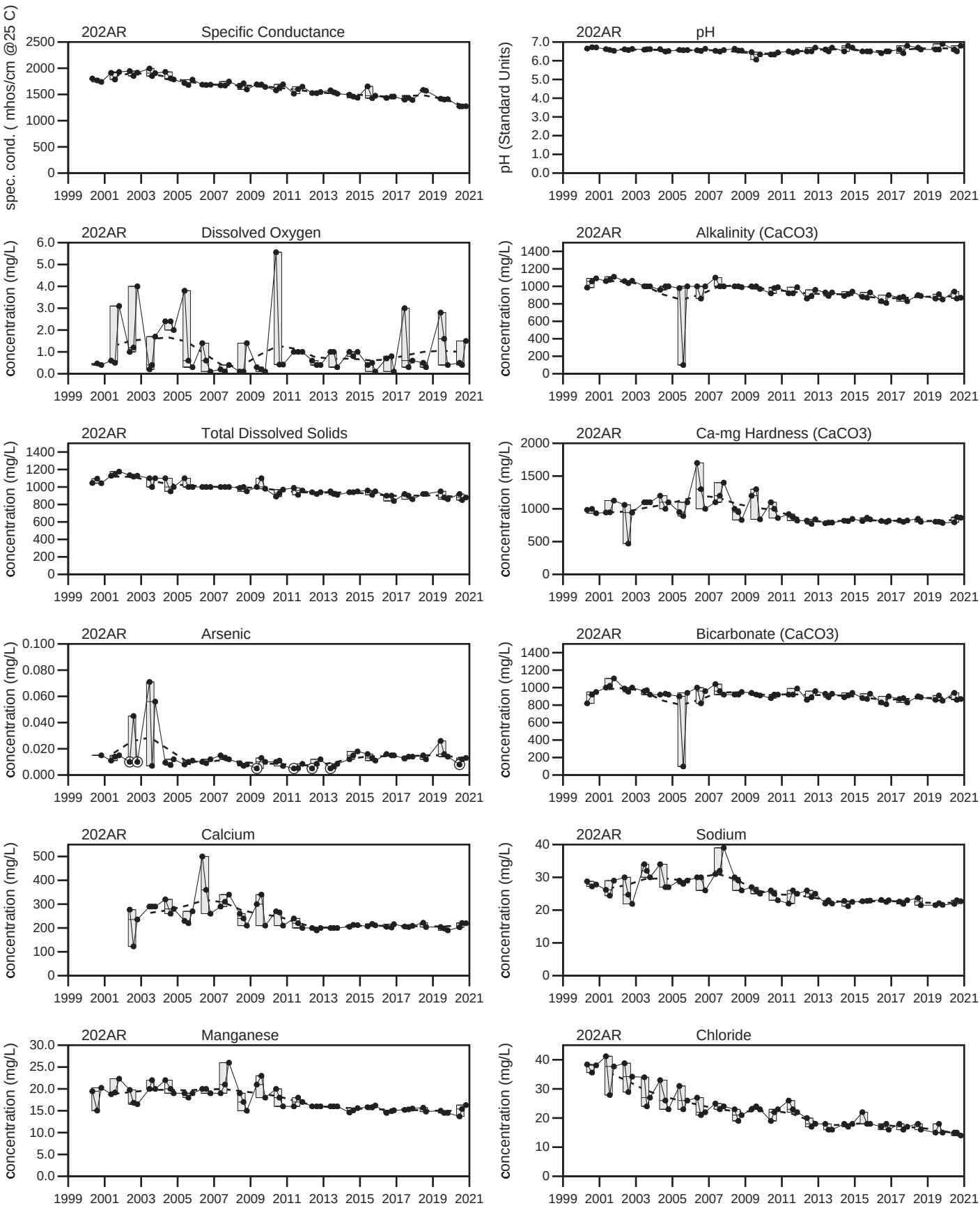
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



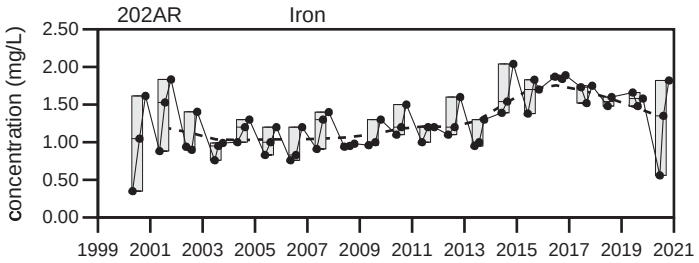
LEGEND

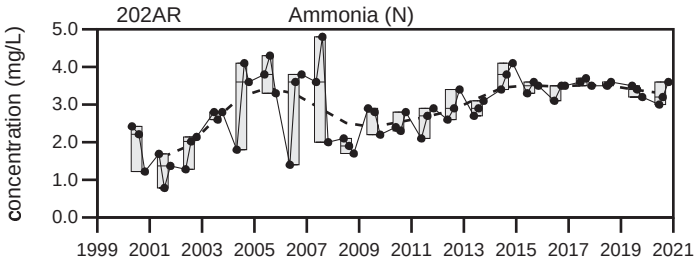
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

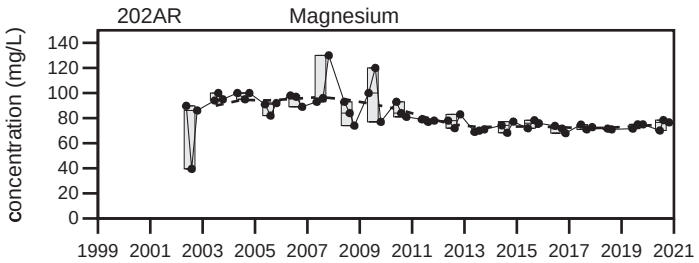
Dolby Landfill

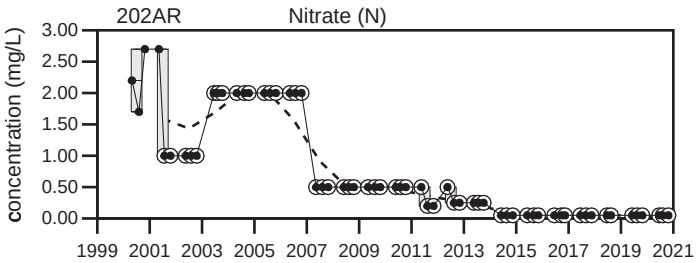
202AR

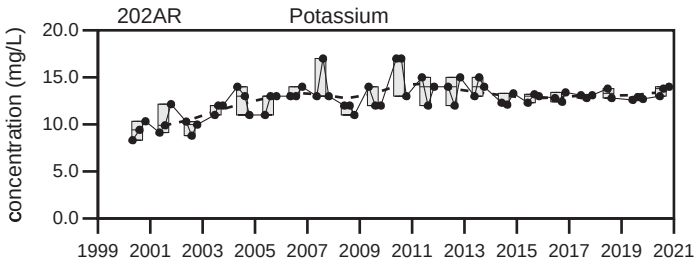
Sevee & Maher Engineers, Inc.

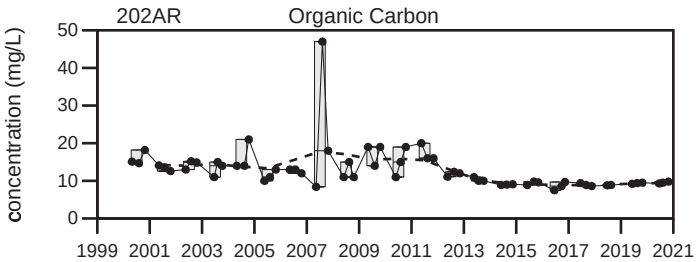


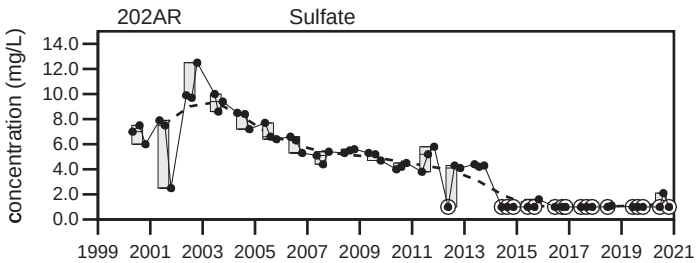


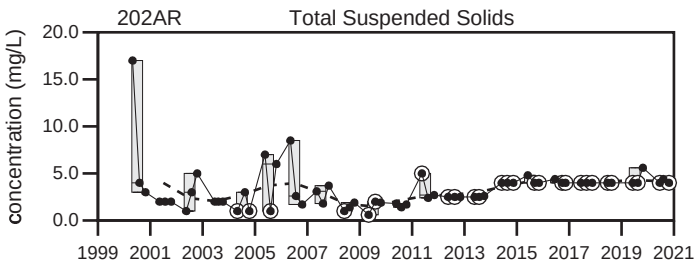


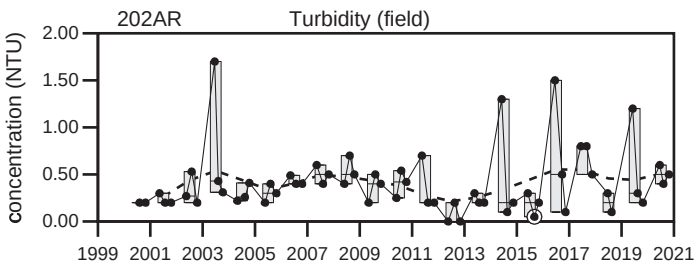


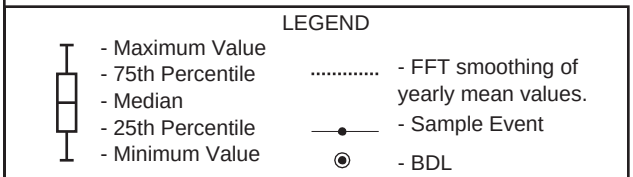












Dolby Landfill

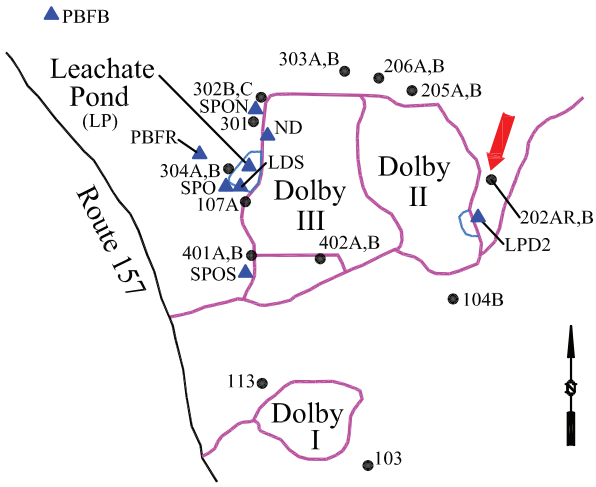
202AR

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the east of the Dolby II Landfill.

Screen Interval:	**5.4 ft. to 10.5 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Mar-82**
Material Screened:	**Glacial Till/Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		!	!	!	604	1910	1100	44	57
Dissolved Oxygen (mg/L)		!	!	!	0.1	6.29	0.99	0.14	56
Total Dissolved Solids (mg/L)		!	!	!	380	1241	660	27	57
Arsenic (mg/L)		!	!	!	0.0016 U	0.031	0.0073	0.000	55
Calcium (mg/L)		!	!	!	25	230	120	5.9	51
Manganese (mg/L)		!	!	!	3.1	15.96	8.7	0.35	57
pH (STU)		!	!	!	5.96	7	6.5	0.021	57
Alkalinity (CaCO3) (mg/L)		!	!	!	360	1196.9	640	25	57
Ca-mg Hardness (CaCO3) (mg/L)		!	!	!	170	1100	590	27	57
Bicarbonate Alkalinity (CaCO3) (mg/L)		!	!	!	360	1130	610	24	57
Sodium (mg/L)		!	!	!	6	38.3	21	0.91	57
Chloride (mg/L)		!	!	!	6.5	55.3	19	1.4	57
Iron (mg/L)		!	!	!	0.02 U	10.6	1.4	0.24	57
Magnesium (mg/L)		!	!	!	22	130	67	3.2	51
Potassium (mg/L)		!	!	!	4	15.8	10	0.35	57
Sulfate (mg/L)		!	!	!	1 U	33	8.5	0.83	57
Total Suspended Solids (mg/L)		!	!	!	1 U	540	28	10	57
Turbidity (field) (NTU)		!	!	!	0	64.7	10	2	56
Ammonia (N) (mg/L)		!	!	!	0.2 U	5.4	2.2	0.13	57
Nitrate (N) (mg/L)		!	!	!	0.05 U	10	1.2	0.2	57
Organic Carbon (mg/L)		!	!	!	3.7	47	12	0.94	57

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

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

Comments

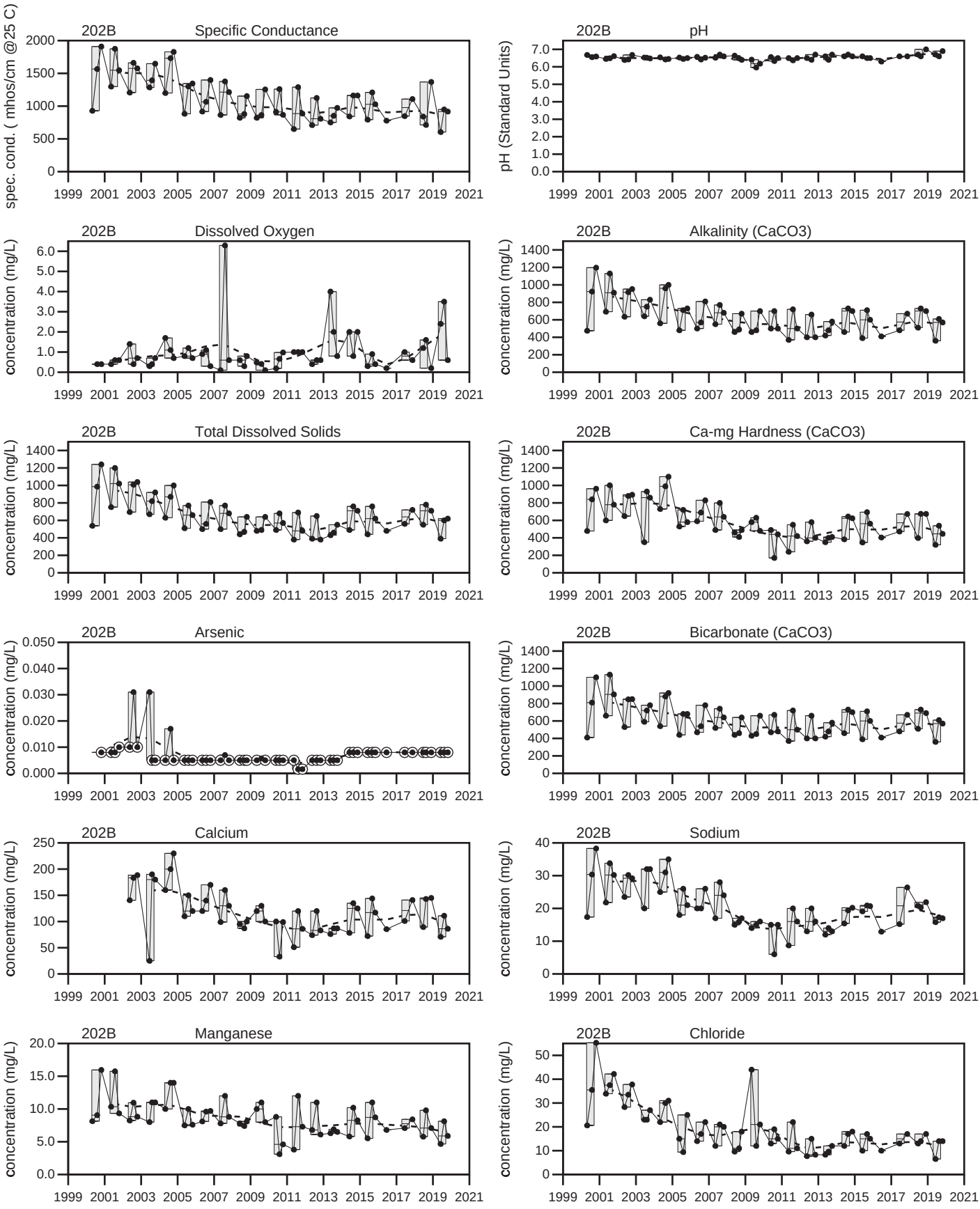
Q2= 6 - 2020 ! = The sampling location was damaged or destroyed.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 179
Printed: 3/30/2021 09:22

SME SEVEE & MAHER ENGINEERS



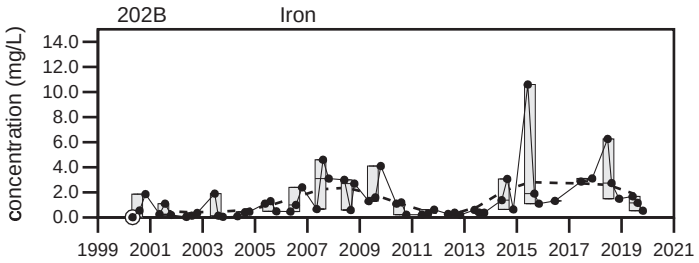
LEGEND

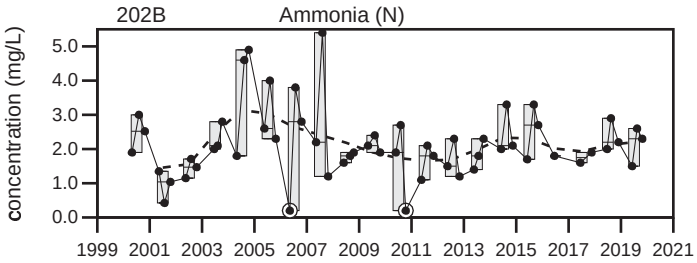
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

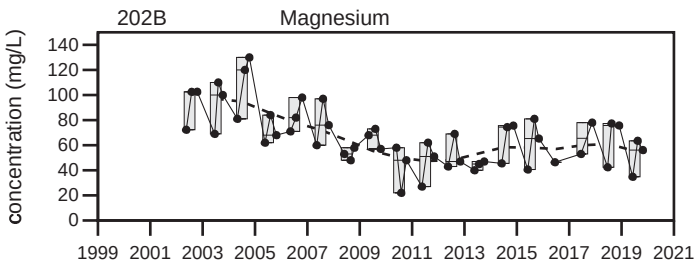
Dolby Landfill

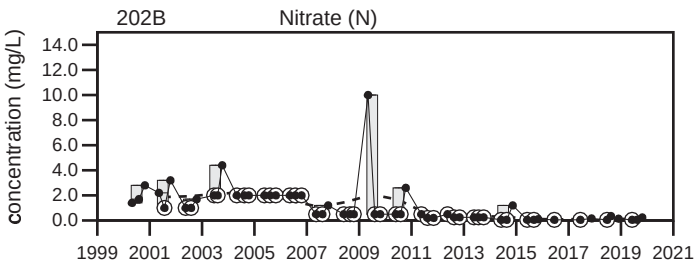
202B

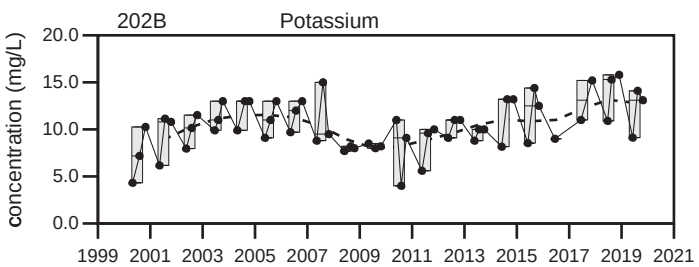
Sevee & Maher Engineers, Inc.

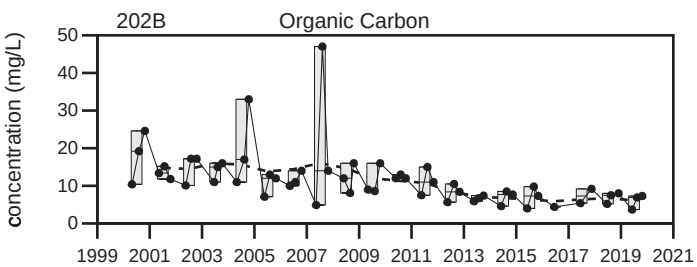


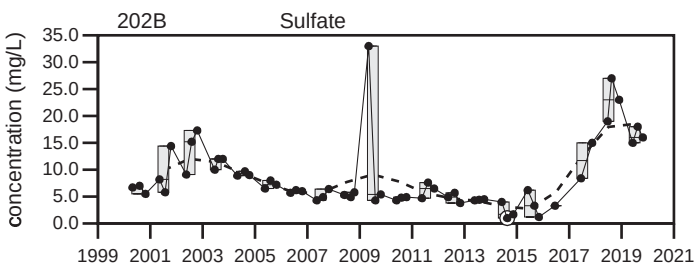


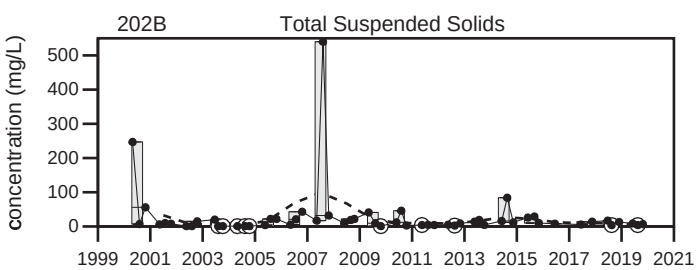


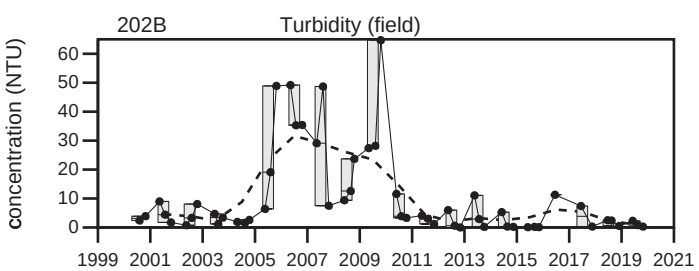


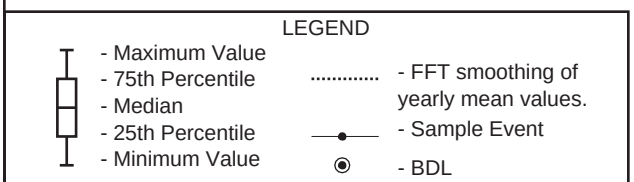












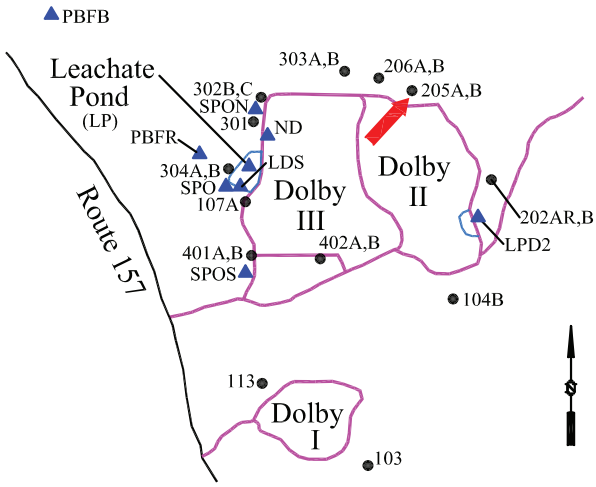
Dolby Landfill

202B

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the north of the Dolby II Landfill.



Screen Interval:	**26 ft. to 31 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-86**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**

Chemical Summary

	2020				Historical (1/1/2000 - 12/31/2020)			
Indicator Parameters	Q1	Q2	Q3	Q4	Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		↓411	↓430	↓417	454	1013	680	± 22	60
Dissolved Oxygen (mg/L)		1	1.2	3.1	0.1	8.6	1	± 0.16	59
Total Dissolved Solids (mg/L)		290	260	270	95	550	360	± 12	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	0.016	0.0067	± 0.000	58
Calcium (mg/L)		65.3	66.5	64.5	55.8	180	95	± 4.8	54
Manganese (mg/L)		0.247	**0.802**	**0.989**	0.16	1.7	0.94	± 0.035	60
pH (STU)		7.3	7.3	7.1	6.56	7.8	7.1	± 0.033	60
Alkalinity (CaCO3) (mg/L)		230	220	180	40	500	280	± 13	60
Ca-mg Hardness (CaCO3) (mg/L)		219	225	215	188	610	320	± 15	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		230	220	180	160	480	270	± 12	60
Sodium (mg/L)		**23**	**22.3**	**21.5**	14.13	42	24	± 0.65	60
Chloride (mg/L)		38	36	36	29	74.5	42	± 1.1	60
Iron (mg/L)		0.108	0.168	0.387	0.1 U	3.326	1.2	± 0.11	60
Magnesium (mg/L)		13.6	14.3	13.2	11.7	39	21	± 1	54
Potassium (mg/L)		1.9	1.9	1.93	1.44	4.5	2.5	± 0.099	60
Sulfate (mg/L)		7.4	6.8	7.1	3.1	33	9.5	± 0.46	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	1 U	6	2.7	± 0.17	60
Turbidity (field) (NTU)		0.8	0.6	0.6	0	2.9	0.58	± 0.065	59
Ammonia (N) (mg/L)		0.12	0.13	0.16	0.08 U	0.55	0.24	± 0.013	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	10	0.97	± 0.19	60
Organic Carbon (mg/L)		1.2	1.5	1.3	1.1	63.7	4.6	± 1	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

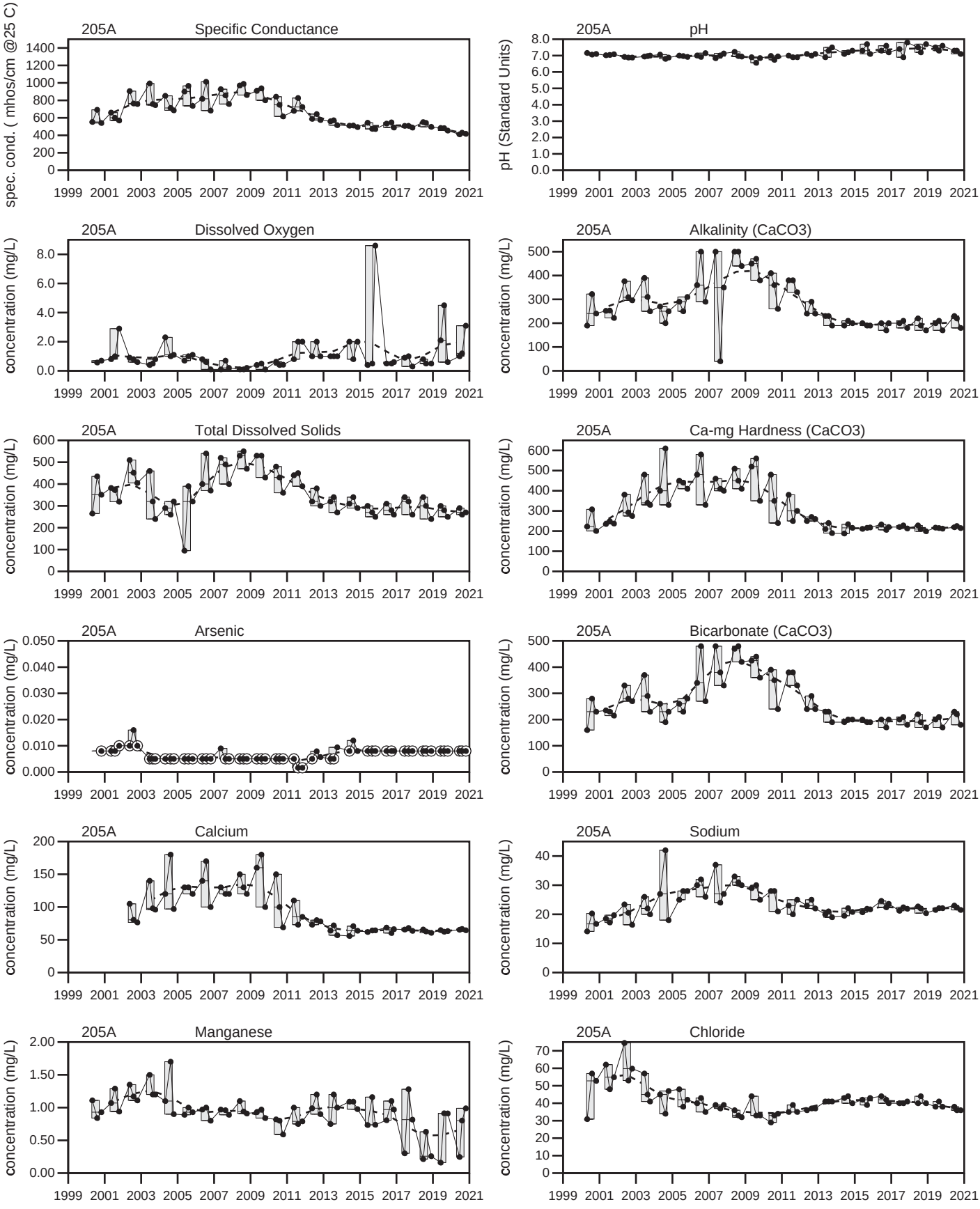
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



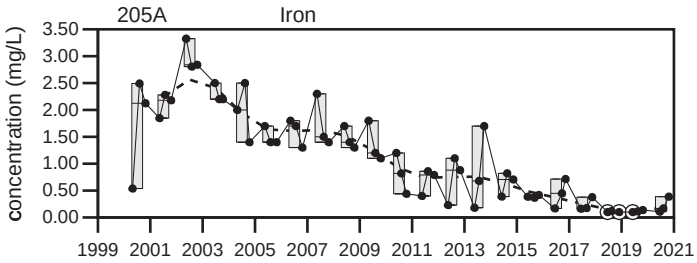
LEGEND

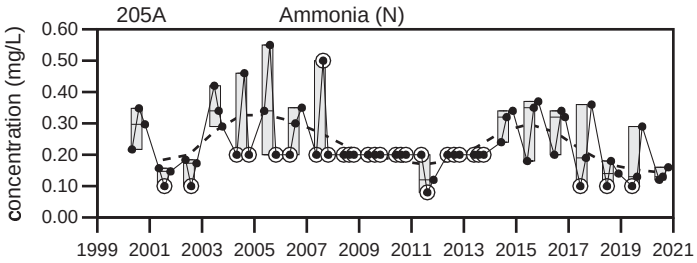
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

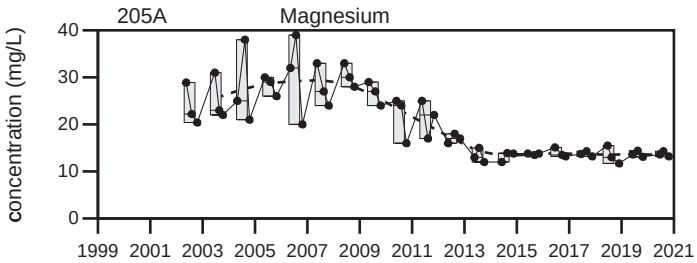
Dolby Landfill

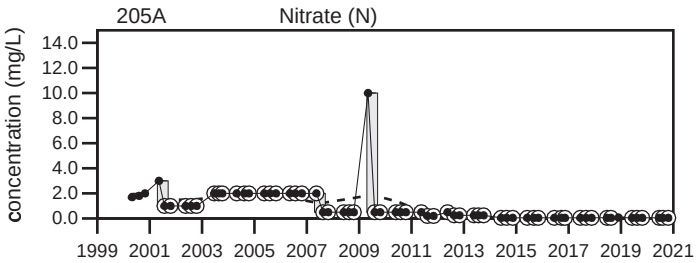
205A

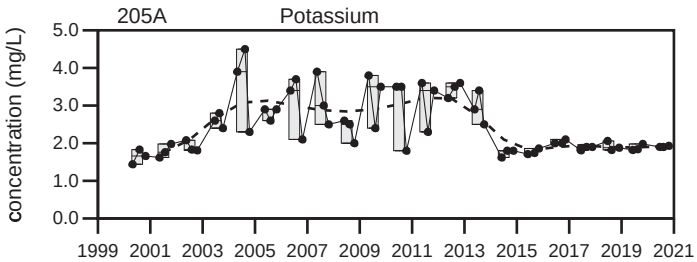
Sevee & Maher Engineers, Inc.

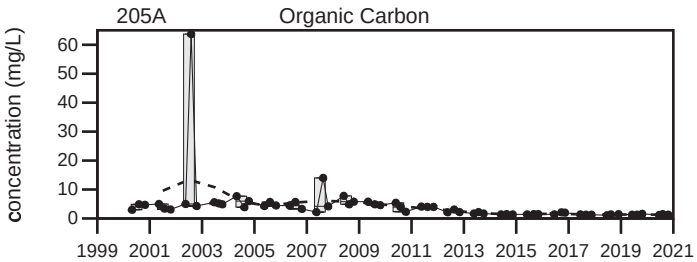


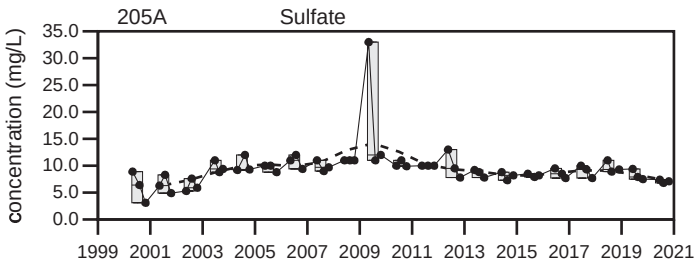


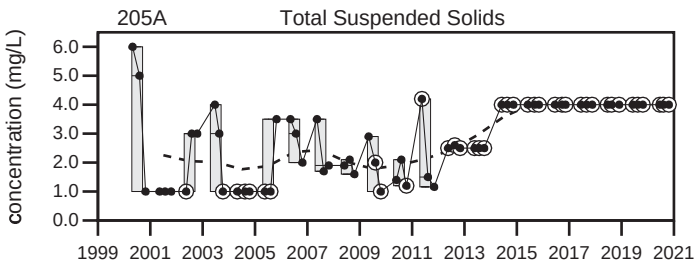


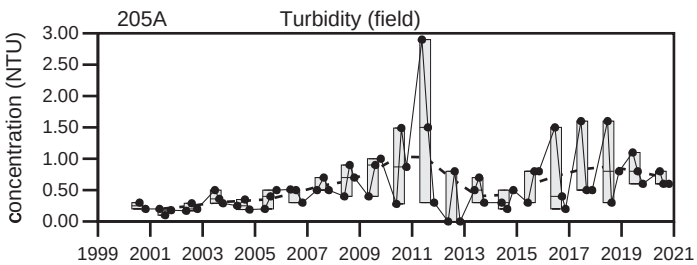


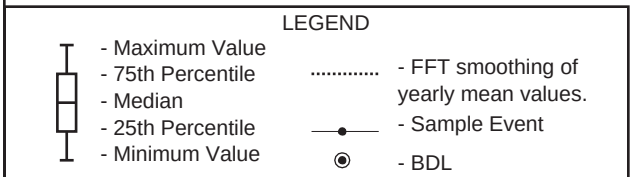












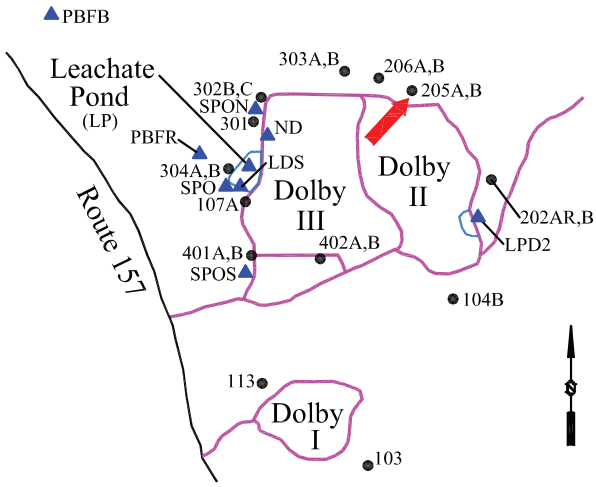
Dolby Landfill

205A

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the north of the Dolby II Landfill.



Screen Interval:	**10 ft. to 15 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-86**
Material Screened:	**Glacial Till**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**

Chemical Summary

	2020				Historical (1/1/2000 - 12/31/2020)			
Indicator Parameters	Q1	Q2	Q3	Q4	Min to Max	Mean ± SE	n
Specific Conductance (µmhos/cm @25°C)		232	204	185	178 to 1274	470 ± 33	60
Dissolved Oxygen (mg/L)		0.5	0.9	1	0.1 to 4.4	0.94 ± 0.1	59
Total Dissolved Solids (mg/L)		150	130	130	91 to 664	230 ± 14	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U to 0.021	0.0066 ± 0.000	58
Calcium (mg/L)		39	34.2	27.4	23.8 to 140	57 ± 3.9	54
Manganese (mg/L)		0.118	0.26	**0.479**	0.065 to 9.33	1.1 ± 0.24	60
pH (STU)		7.4	7	7.5	6.44 to 8	7.1 ± 0.038	60
Alkalinity (CaCO3) (mg/L)		140	110	99	87 to 586	200 ± 13	60
Ca-mg Hardness (CaCO3) (mg/L)		133	118	97.4	87.7 to 540.7	210 ± 14	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		140	110	99	87 to 540	190 ± 12	60
Sodium (mg/L)		4.4	3.96	3.73	3.64 to 27	8.8 ± 0.61	60
Chloride (mg/L)		2 U	2 U	2 U	0.5 U to 34.4	4.8 ± 0.89	60
Iron (mg/L)		0.1 U	0.1 U	0.142	0.01 U to 0.63	0.18 ± 0.021	60
Magnesium (mg/L)		8.72	8.02	7.04	6.8 to 60.9	16 ± 1.6	54
Potassium (mg/L)		1 U	1.02	1.09	0.96 to 2.4	1.4 ± 0.047	60
Sulfate (mg/L)		4.3	3.9	3.6	2.7 to 14.6	8.2 ± 0.42	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U to 36	2.8 ± 0.59	60
Turbidity (field) (NTU)		0.2	0.2	0.4	0 to 4.24	0.6 ± 0.08	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U to 0.5	0.16 ± 0.01	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U to 2.3	0.77 ± 0.1	60
Organic Carbon (mg/L)		1 U	1 U	1 U	0.98 to 90.6	3.5 ± 1.5	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

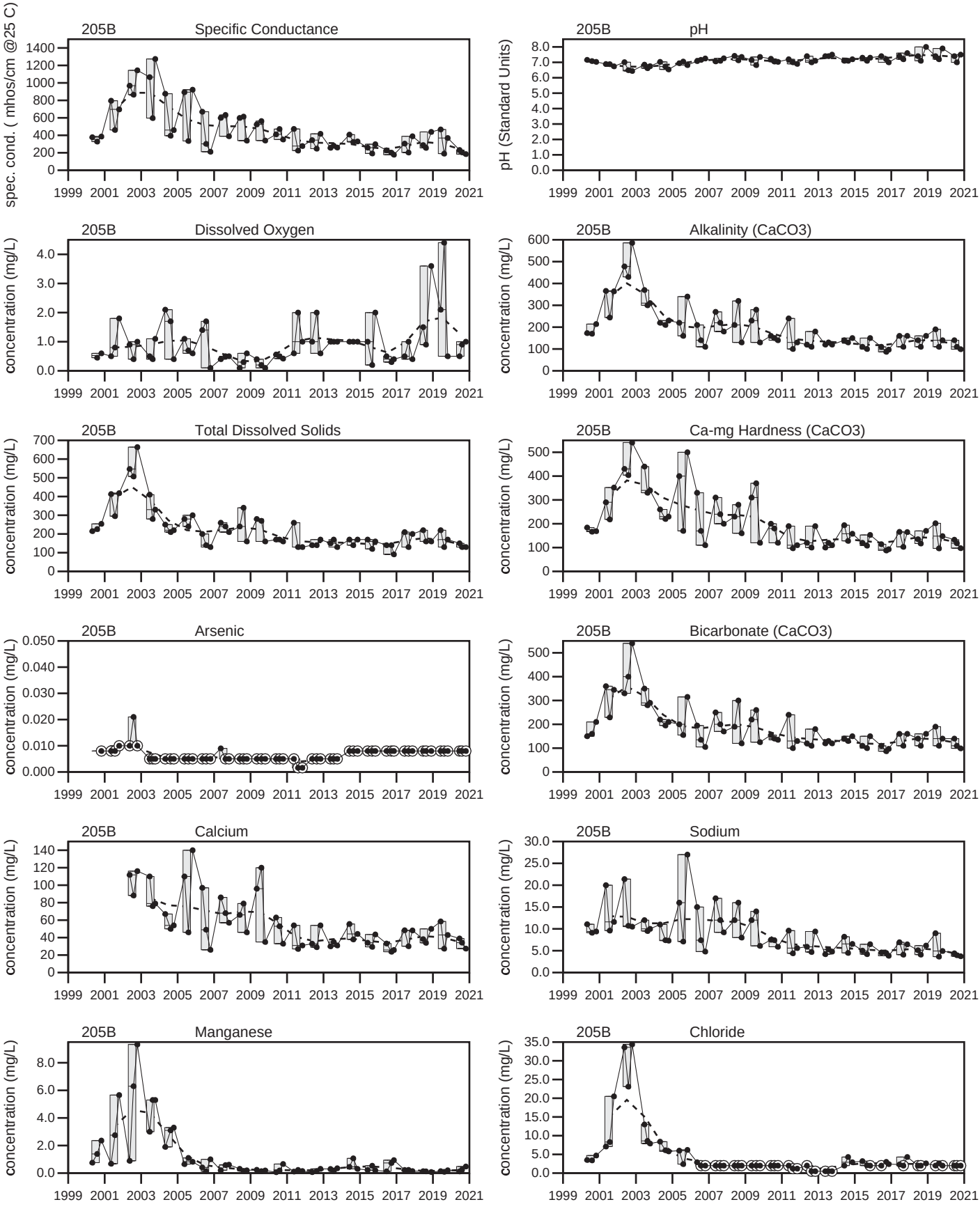
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



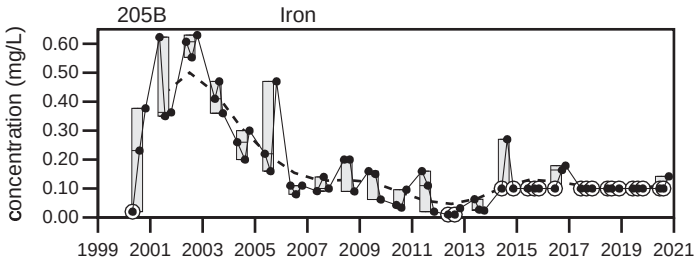
LEGEND

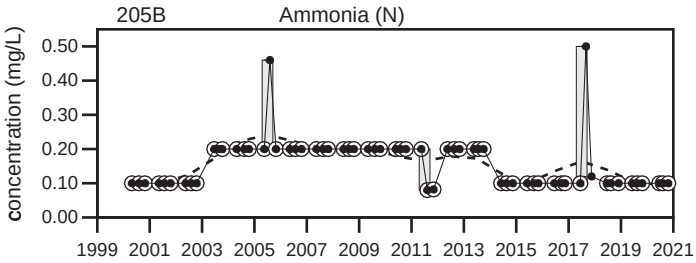
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

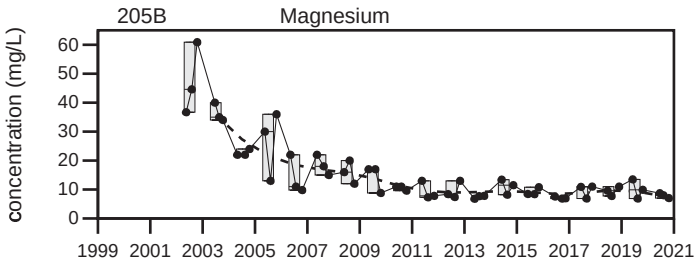
Dolby Landfill

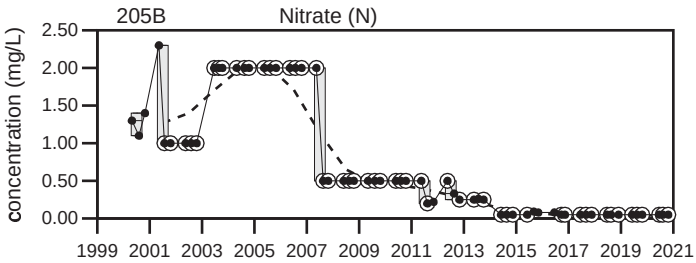
205B

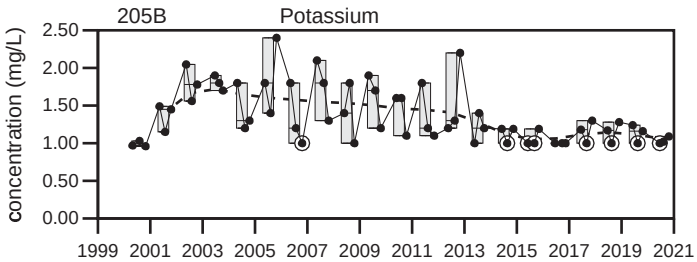
Sevee & Maher Engineers, Inc.

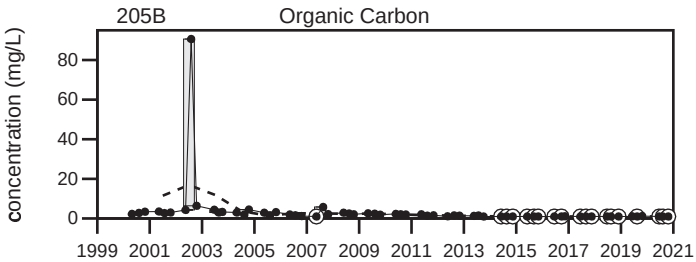


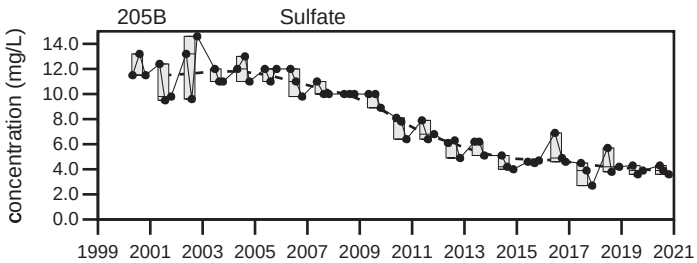


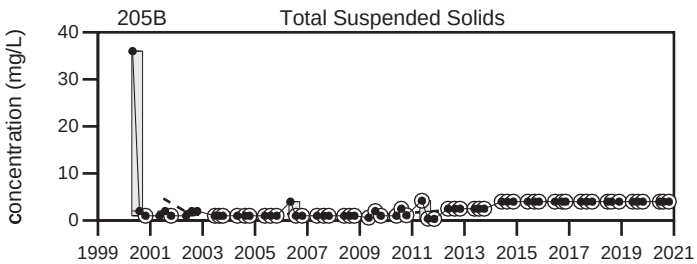


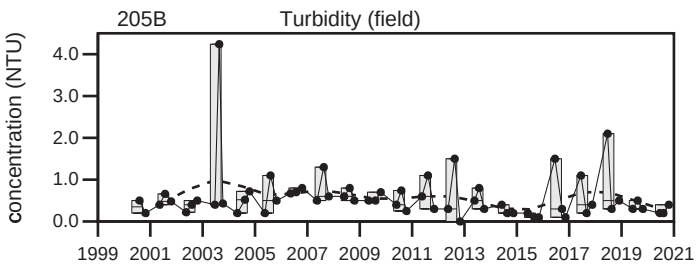


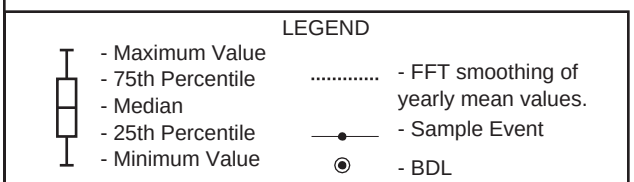












Dolby Landfill

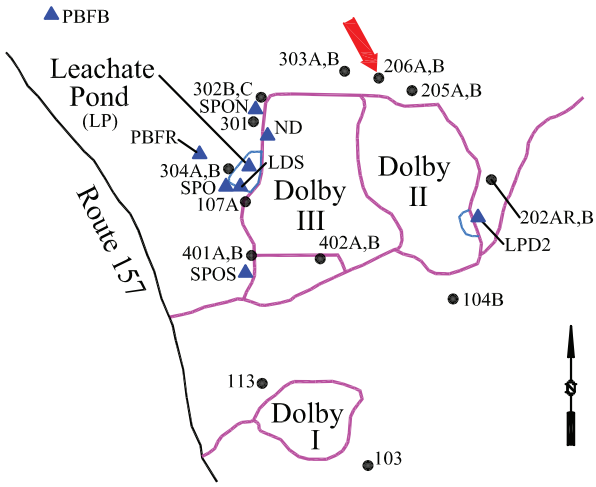
205B

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the northwest of the Dolby II Landfill.

Screen Interval:	**23.3 ft. to 28.3 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-86**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		1335	1593	2270	210	3480	2100	88	60
Dissolved Oxygen (mg/L)		1.1	0.7	1.3	0.1	5.1	1	0.13	59
Total Dissolved Solids (mg/L)		1000	1100	1400	440	2088	1100	42	60
Arsenic (mg/L)		**0.286**	**0.303**	**0.273**	0.039	0.45	0.22	0.01	58
Calcium (mg/L)		92	112	146	17.2	147	97	3.5	54
Manganese (mg/L)		**3.34**	**3.89**	**4.7**	0.52	9	5.4	0.24	60
pH (STU)		6.6	6.5	6.7	6.04	6.9	6.6	0.022	60
Alkalinity (CaCO3) (mg/L)		1300	1300	1600	36	2010	1200	46	60
Ca-mg Hardness (CaCO3) (mg/L)		755	936	1300	107	1500	950	38	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		1300	1300	1600	36	1997	1100	48	60
Sodium (mg/L)		**25.8**	**32.4**	**44.2**	4.28	58.7	36	1.5	60
Chloride (mg/L)		20	27	32	15	102	35	2.5	60
Iron (mg/L)		**40.4**	**43.7**	↑**52.3**	2.84	52.2	32	1.4	60
Magnesium (mg/L)		127	159	226	15.6	290	170	7.5	54
Potassium (mg/L)		90.4	105	128	14	170	90	3.1	60
Sulfate (mg/L)		1 U	2.4	1 U	1 U	15	5.6	0.5	60
Total Suspended Solids (mg/L)		44	75	45	2	96	52	3.1	60
Turbidity (field) (NTU)		0.3	0.2	0.3	0	2.1	0.73	0.057	59
Ammonia (N) (mg/L)		**32**	**36**	**46**	3.1	54	32	1.2	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	5.1	0.93	0.14	60
Organic Carbon (mg/L)		20	24	34	1.2	334.4	33	5.3	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

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

Comments

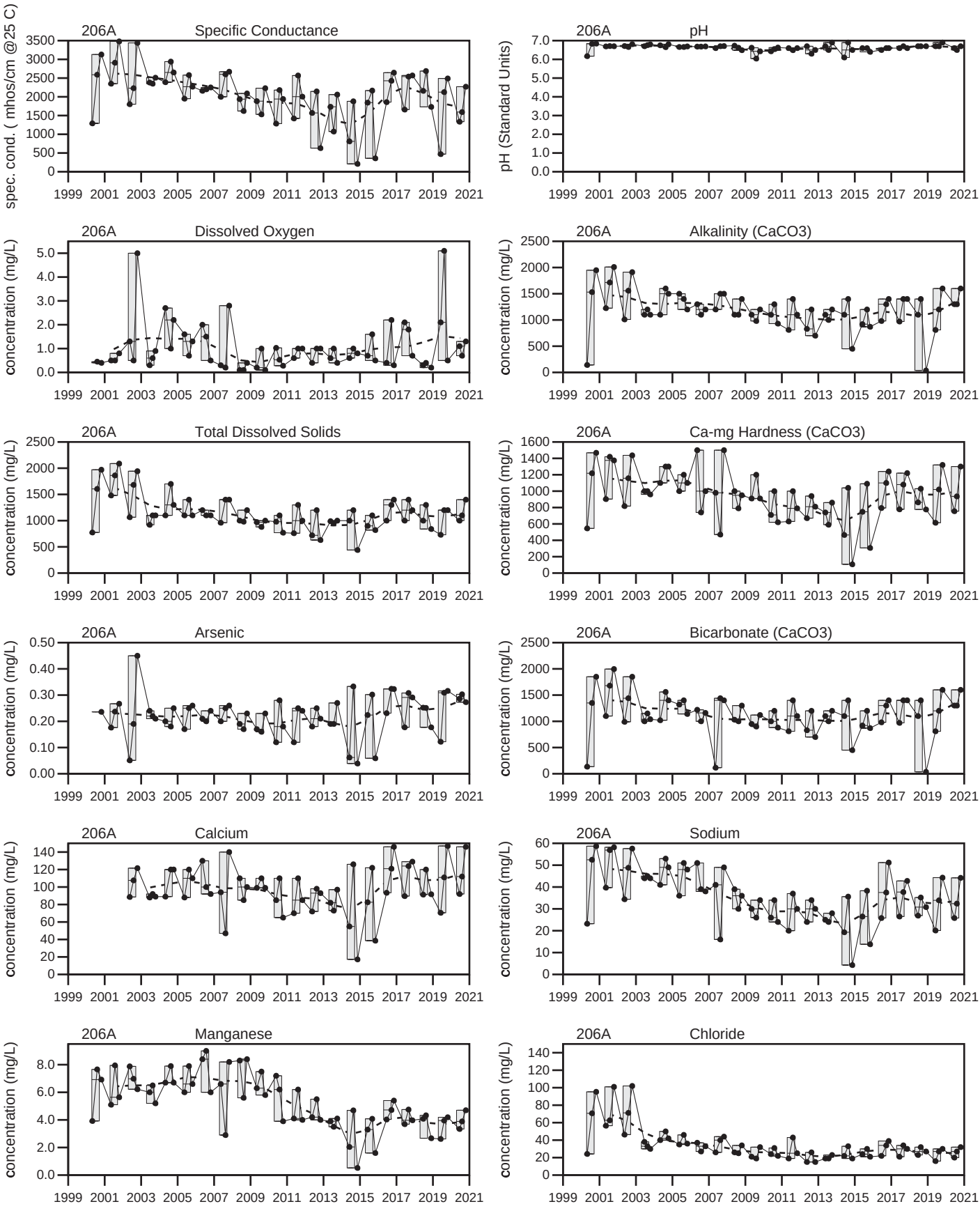
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 179
Printed: 3/30/2021 09:22

SME SEVEE & MAHER ENGINEERS



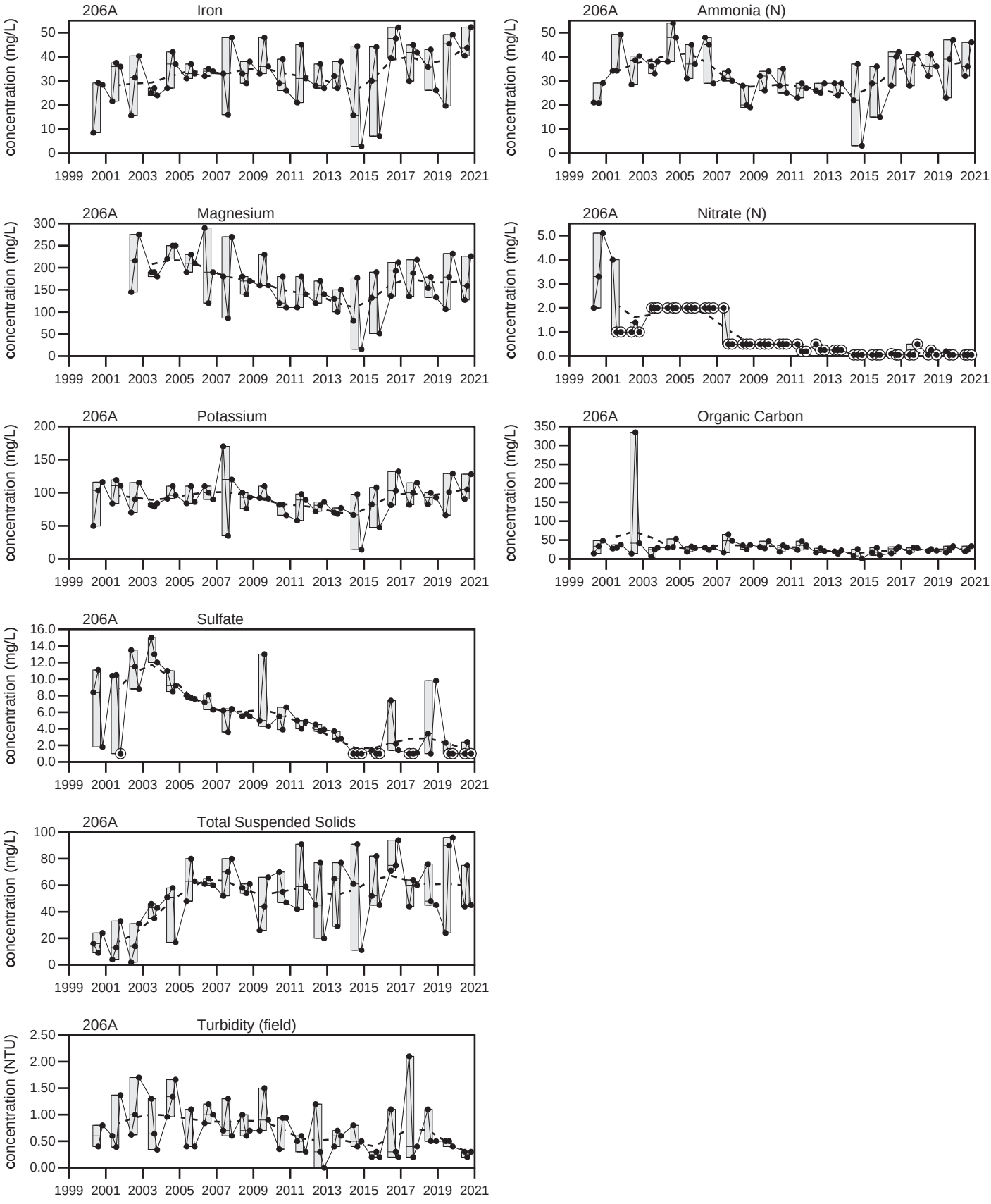
LEGEND

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

Dolby Landfill

206A

Sevee & Maher Engineers, Inc.



Dolby Landfill

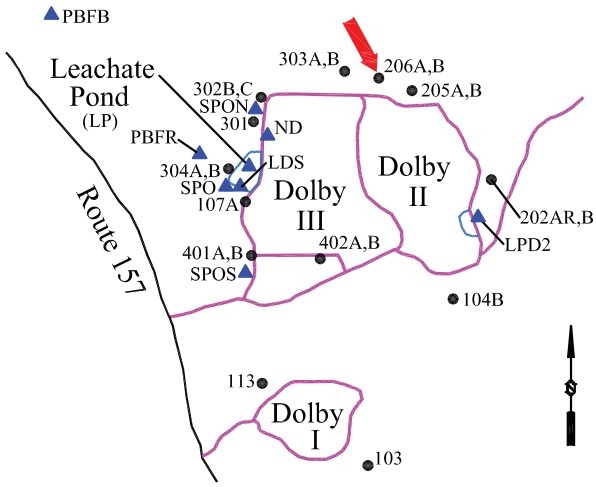
206A

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the northwest of the Dolby II Landfill.

Screen Interval:	**12 ft. to 17 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-86**
Material Screened:	**Glacial Till**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		179	I	D	61	260	150	8.2	36
Dissolved Oxygen (mg/L)		5.1	I	D	2	10.7	5.9	0.39	35
Total Dissolved Solids (mg/L)		95	I	D	28	200	78	5.3	36
Arsenic (mg/L)		0.008 U	I	D	0.0016 U	0.01 U	0.0061	0.000	35
Calcium (mg/L)		18.6	I	D	6.1	19	13	0.6	34
Manganese (mg/L)		0.102	I	D	0.009	0.194	0.035	0.006	36
pH (STU)		6.6	I	D	5.26	7.7	6.5	0.086	36
Alkalinity (CaCO3) (mg/L)		77	I	D	8	85	53	3.3	36
Ca-mg Hardness (CaCO3) (mg/L)		74.6	I	D	22.1	89	56	3.4	36
Bicarbonate Alkalinity (CaCO3) (mg/L)		77	I	D	8	81	52	3.2	36
Sodium (mg/L)		2.66	I	D	1 U	4.4	2.3	0.15	36
Chloride (mg/L)		2 U	I	D	0.63	3.8	2.2	0.13	36
Iron (mg/L)		1.61	I	D	0.014	2.43	0.28	0.075	36
Magnesium (mg/L)		6.84	I	D	1.4	12	6	0.5	34
Potassium (mg/L)		5.75	I	D	3	7.5	4.8	0.2	36
Sulfate (mg/L)		6.9	I	D	1 U	23	9.5	0.85	36
Total Suspended Solids (mg/L)		11	I	D	0.32 U	22	3.6	0.78	36
Turbidity (field) (NTU)		1.6	I	D	0	12.2	2.3	0.43	35
Ammonia (N) (mg/L)		0.1 U	I	D	0.082 U	0.45	0.17	0.013	36
Nitrate (N) (mg/L)		0.61	I	D	0.17	2 U	0.96	0.12	36
Organic Carbon (mg/L)		1.1	I	D	1 U	5.1	2.1	0.15	36

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

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

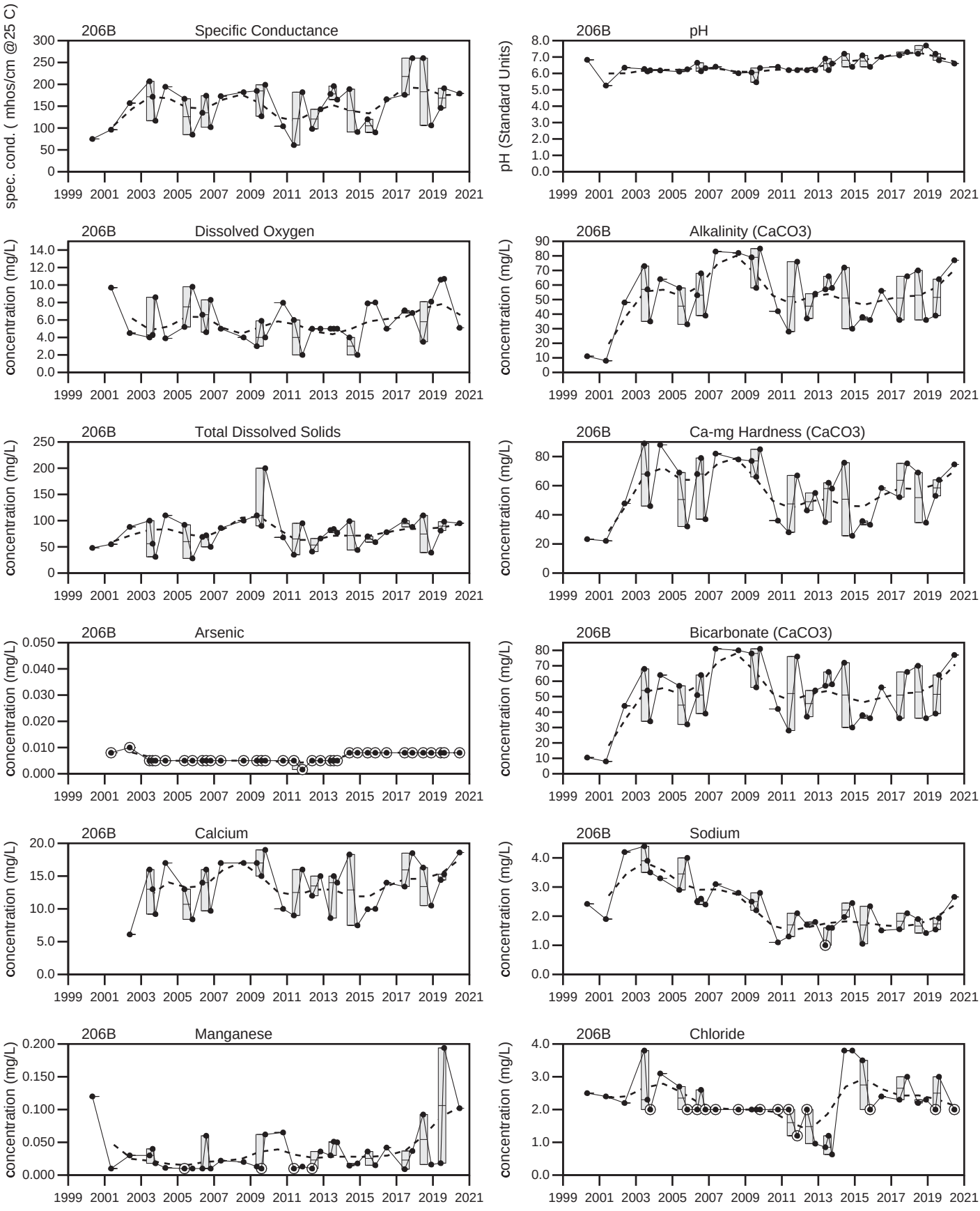
Comments

Q2= 6 - 2020
Q3= 8 - 2020
Q4= 10 - 2020

U = Not Detected above the laboratory reporting limit.

I = The sampling location yielded insufficient quantity to collect a sample.

D = The sampling location was dry.



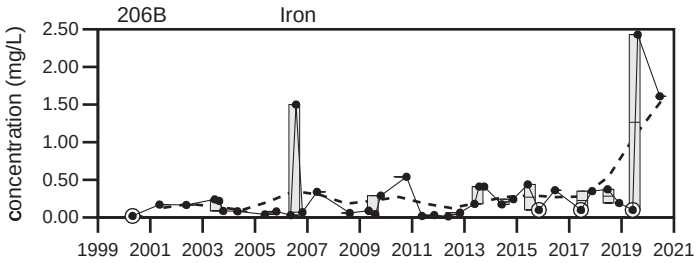
LEGEND

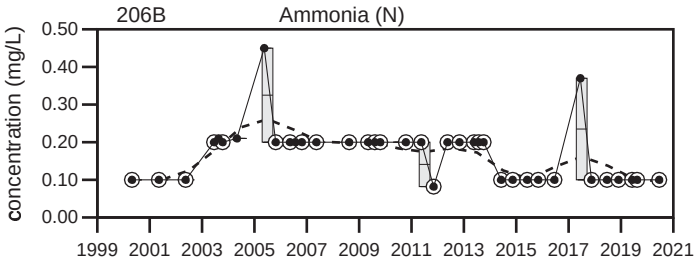
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

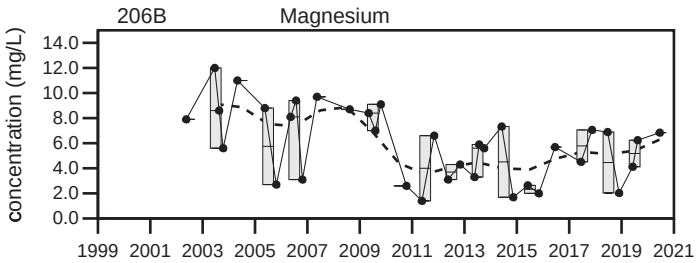
Dolby Landfill

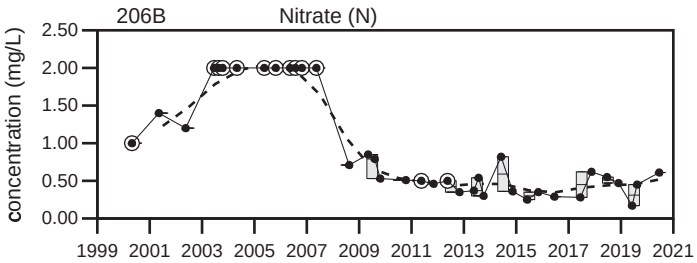
206B

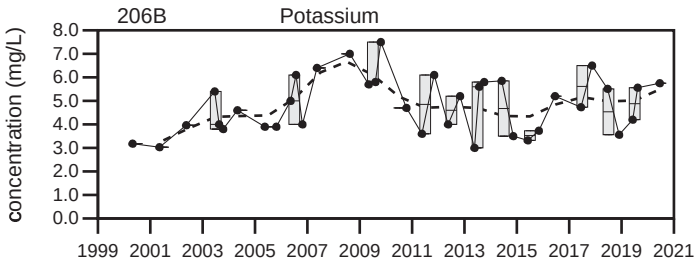
Sevee & Maher Engineers, Inc.

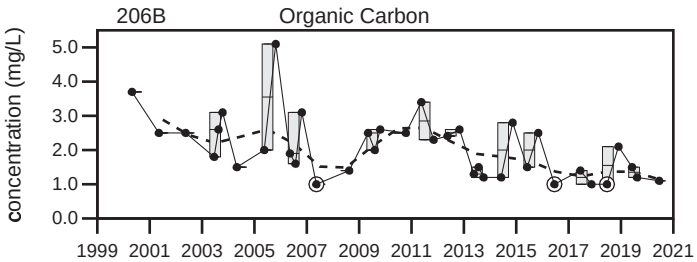


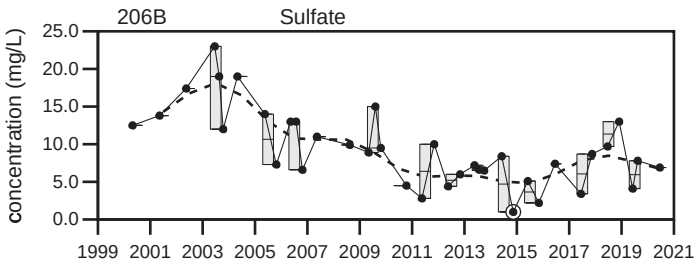


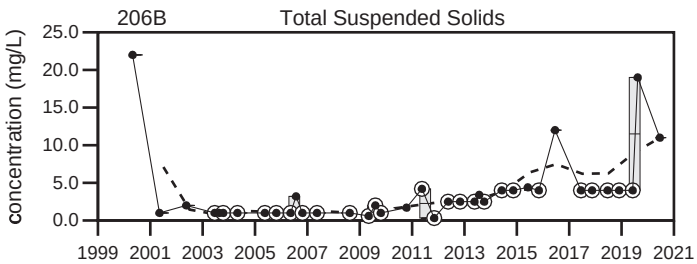


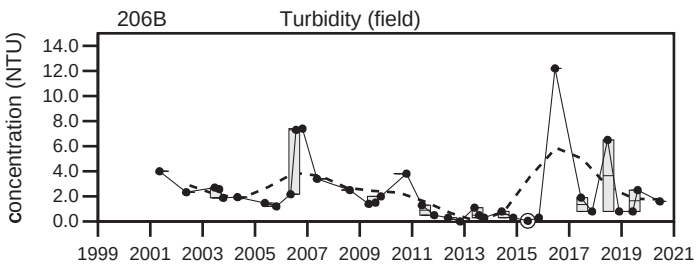












LEGEND

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

Dolby Landfill

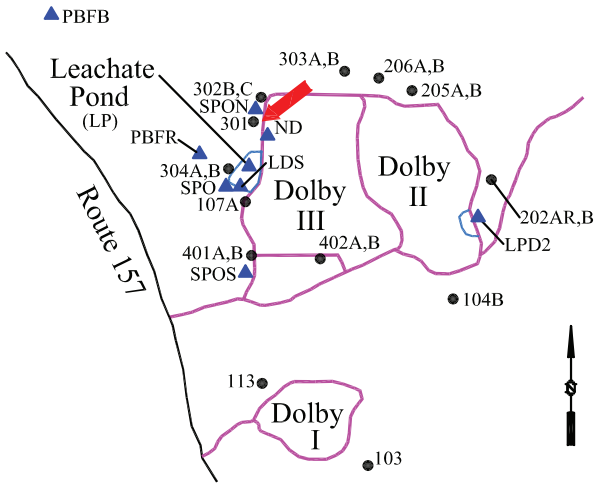
206B

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the west of Dolby III Landfill.

Screen Interval:	**10 ft. to 15 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Sep-83**
Material Screened:	**Glacial Till**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		1587	1561	1612	338	2156	1200	70	60
Dissolved Oxygen (mg/L)		0.5	0.9	0.9	0.1	3.02	0.84	0.098	59
Total Dissolved Solids (mg/L)		1200	1000	1000	212	1300	750	45	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	0.01 U	0.0063	0.000	58
Calcium (mg/L)		277	274	301	41.9	328	220	11	54
Manganese (mg/L)		**0.552**	**0.581**	**0.51**	0.034	1.2	0.62	0.031	60
pH (STU)		6.5	6.5	6.7	5.9	7.07	6.5	0.027	60
Alkalinity (CaCO3) (mg/L)		1100	980	1000	125.2	1100	580	38	60
Ca-mg Hardness (CaCO3) (mg/L)		984	997	1080	125.8	1080	640	39	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		1100	970	1000	110	1100	560	39	60
Sodium (mg/L)		**74.6**	**81.2**	**80.9**	5.93	82.3	33	2.6	60
Chloride (mg/L)		61	56	59	28.7	110	68	3.7	60
Iron (mg/L)		0.106	0.1 U	0.114	0.02 U	0.83	0.16	0.02	60
Magnesium (mg/L)		70.9	75.9	↑79.9	9	79.4	35	2.8	54
Potassium (mg/L)		2.77	3.05	3.42	0.98	5.8	2.9	0.14	60
Sulfate (mg/L)		34	34	32	9.3	49	26	1	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.38 U	41	3.1	0.69	60
Turbidity (field) (NTU)		0.1	0.2	0.3	0	1.5	0.38	0.035	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U	0.5 U	0.16	0.009	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	2 U	0.7	0.094	60
Organic Carbon (mg/L)		15	16	16	1.1	24	9.1	0.72	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

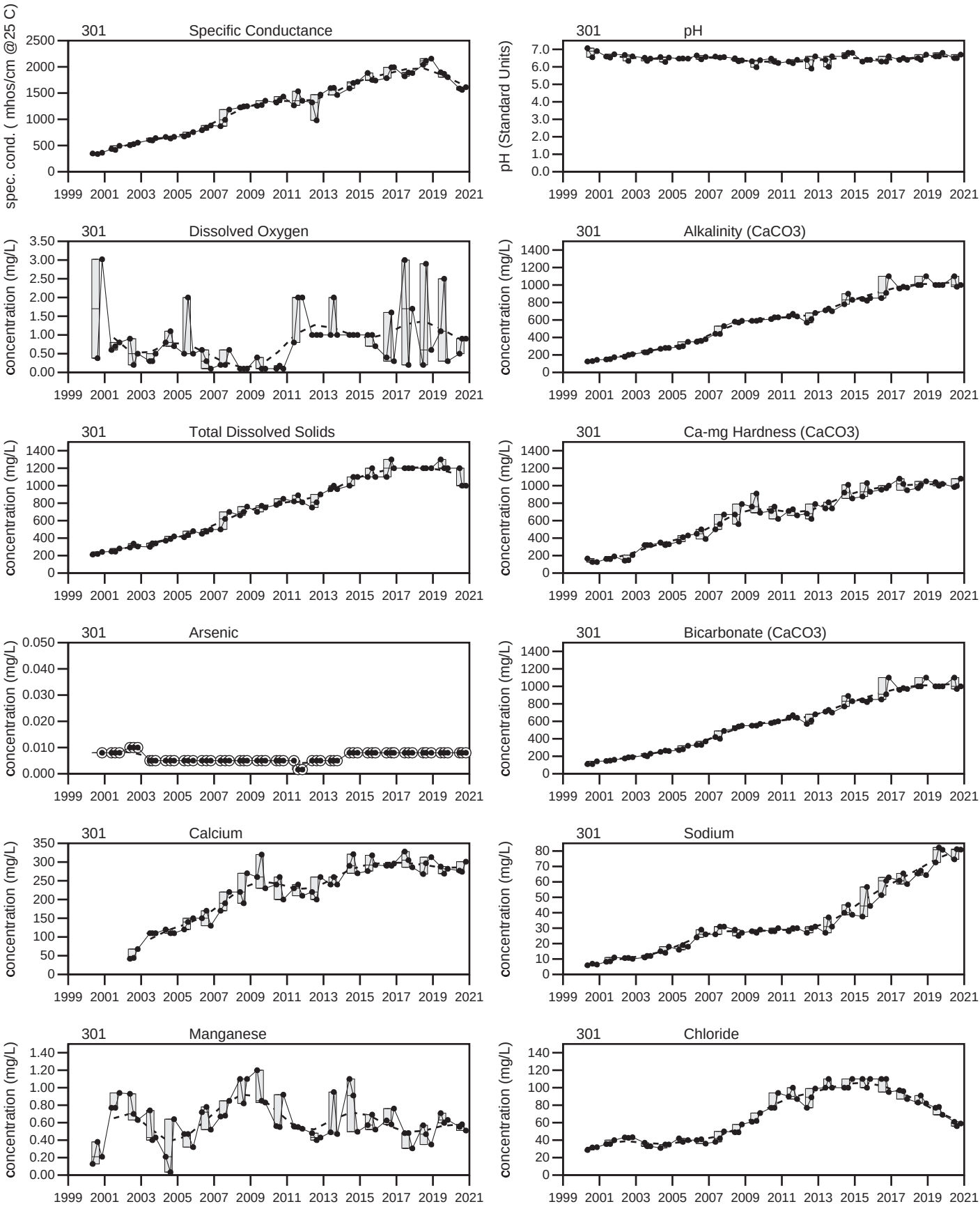
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



LEGEND

- Maximum Value
- 75th Percentile
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- FFT smoothing of yearly mean values.
- Sample Event
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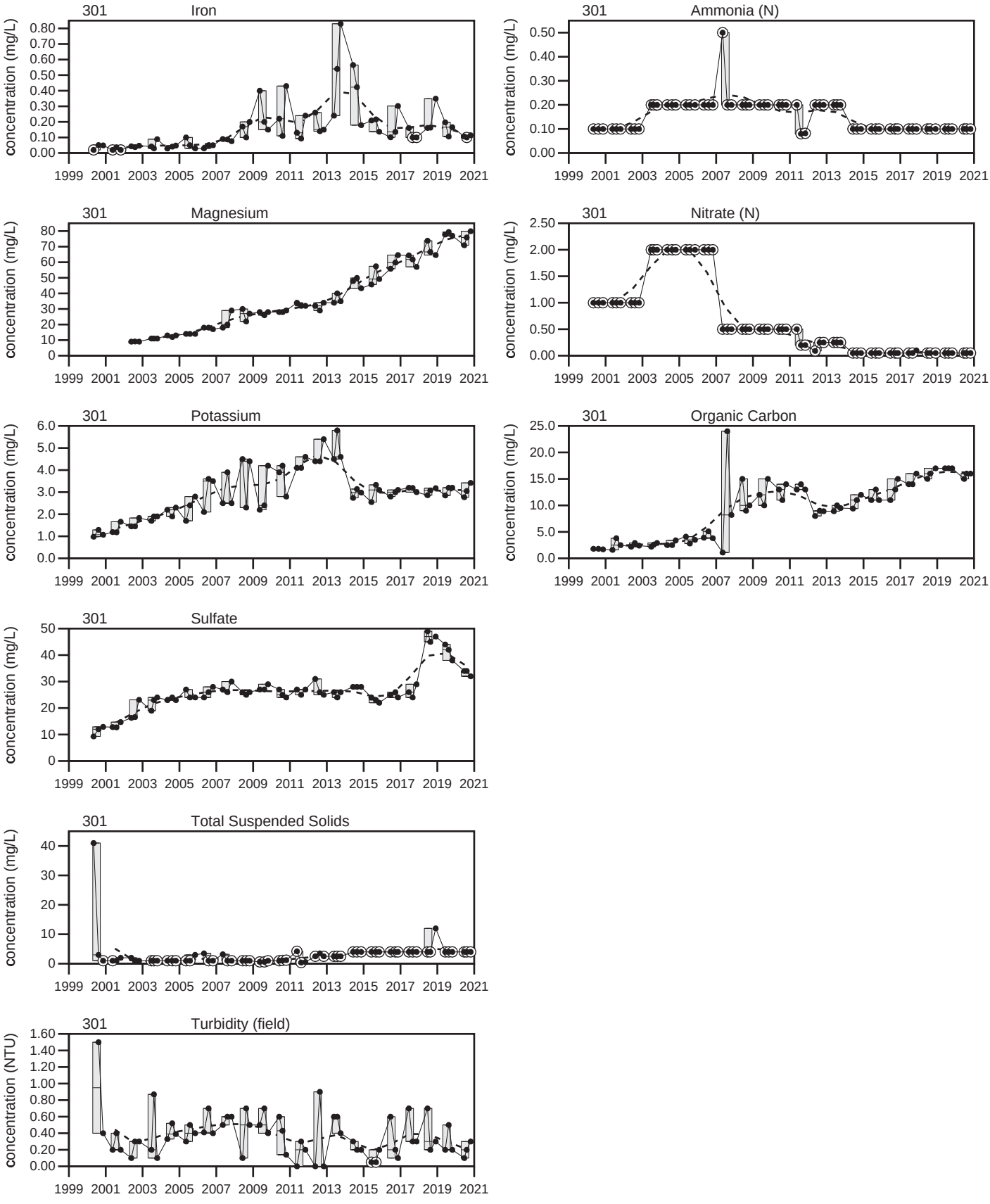
Dolby Landfill

301

Sevee & Maher Engineers, Inc.



Dolby Landfill

301

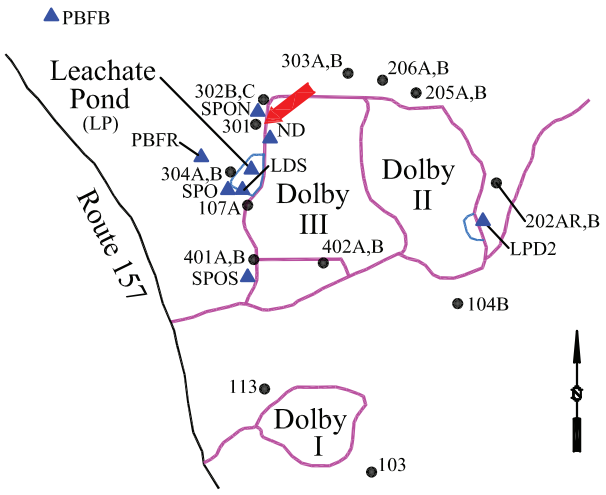
Sevee & Maher Engineers, Inc.

301

Well Description

Well located downgradient to the west of Dolby III Landfill.

Screen Interval: **10 ft. to 15 ft.**
Sampled: **3 times annually**
Sampled Since: **Sep-83**
Material Screened: **Glacial Till**
Well Condition: **Good**
Sampling Method: **Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Benzene (ug/L)				3 U	3 U	5 U	3.9	0.31	11
Toluene (ug/L)				5 U	5 U	5 U	5	0	11
Ethylbenzene (ug/L)				5 U	5 U	5 U	5	0	11
o-Xylene (ug/L)				5 U	5 U	5 U	5	0	11
m,p-Xylene (ug/L)				10 U	5 U	10 U	8.6	0.7	11
C11-C22 AROMATICS (ADJUSTED) (ug/L)				94 U	93 U	380	130	32	9
C19-C36 ALIPHATICS (ADJUSTED) (ug/L)				94 U	93 U	102 U	95	0.93	9
C5-C8 ALIPHATICS (ADJUSTED) (ug/L)				100 U	75 U	100 U	93	4	8
C9-C10 AROMATICS (ADJUSTED) (ug/L)				100 U	25 U	100 U	81	12	8
C9-C12 ALIPHATICS (ADJUSTED) (ug/L)				100 U	25 U	100 U	81	12	8
C9-C18 ALIPHATICS (ADJUSTED) (ug/L)				94 U	93 U	102 U	95	0.93	9
Methyltertiarybutylether (ug/L)				5 U	5 U	5 U	5	0	8
Naphthalene (ug/L)				5 U	4.81 U	10 U	5.5	0.56	9
Naphthalene (EPH) (ug/L)				1.9 U	1.9 U	1.9 U	1.9	0	6
2-Methylnaphthalene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Acenaphthylene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Acenaphthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Fluorene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Phenanthrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(a)Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Chrysene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(b)Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(k)Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(a)Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Indeno(1,2,3-c,d)Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Dibenz(a,h)Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(g,h,i)perylene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10

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

Applicable Limits:
Naphthalene (EPH) MEG16=10 ug/L, Benzene MEG16=4 ug/L, MCL=5 ug/L, Benzo(a)Pyrene MEG16=0.05 ug/L, MCL=0.2 ug/L, Benzo(k)Fluoranthene MEG16=5 ug/L, Benzo(b)Fluoranthene MEG16=0.5 ug/L, Chrysene MEG16=50 ug/L, Benzo(a)Anthracene MEG16=0.5 ug/L, Pyrene MEG16=200 ug/L, Fluoranthene MEG16=300 ug/L, Anthracene MEG16=2000 ug/L, Fluorene MEG16=300 ug/L, Indeno(1,2,3-c,d)Pyrene MEG16=0.5 ug/L, 2-Methylnaphthalene MEG16=30 ug/L, Dibenz(a,h)Anthracene MEG16=0.05 ug/L, Naphthalene MEG16=10 ug/l Methyltertiarybutylether MEG16=35 ug/L, C9-C18 ALIPHATICS (ADJUSTED) MEG16=700 ug/L, C9-C12 ALIPHATICS (ADJUSTED) MEG16=700 ug/L, C9-C10 AROMATICS (ADJUSTED) MEG16=200 ug/L, C5-C8 ALIPHATICS (ADJUSTED) MEG16=300 ug/L, C19-C36

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ALIPHATICS (ADJUSTED) MEG16=10000 ug/L, C11-C22 AROMATICS (ADJUSTED) MEG16=200 ug/L, Ethylbenzene MEG16=30 ug/L, MCL=700 ug/L, Toluene MEG16=600 ug/L, MCL=1000 ug/L, Acenaphthene MEG16=400 ug/L

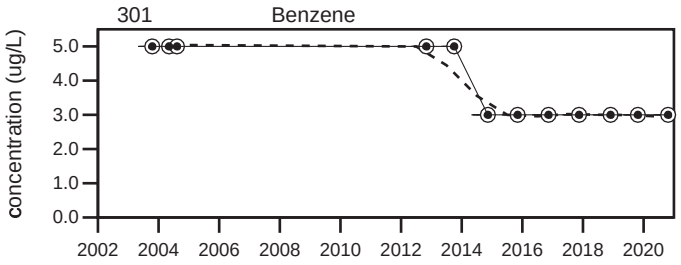
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

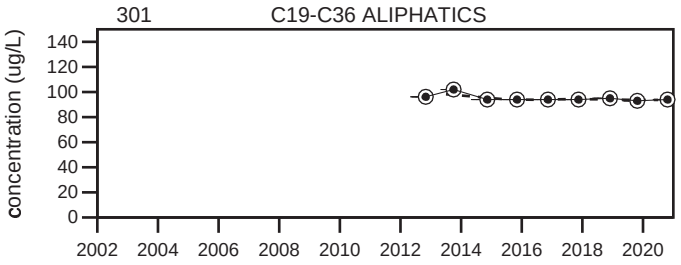
Comments

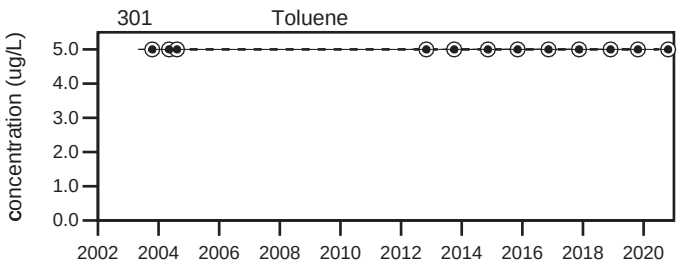
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

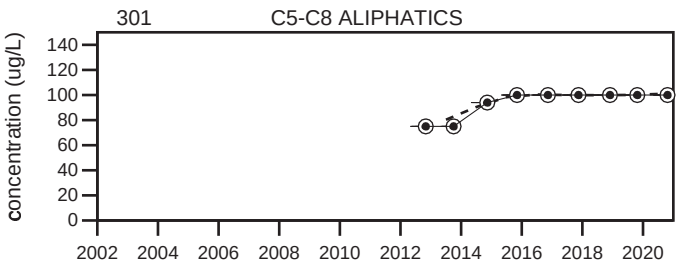
Q3= 8 - 2020

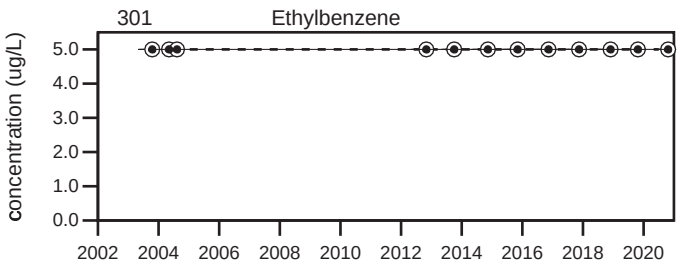
Q4= 10 - 2020

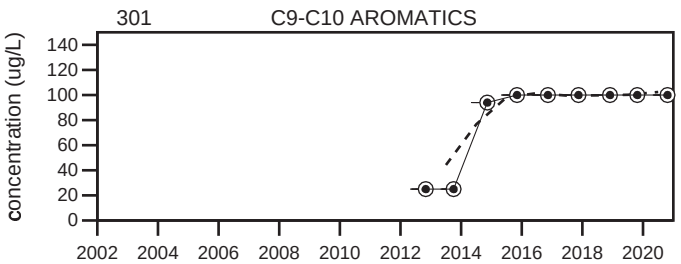


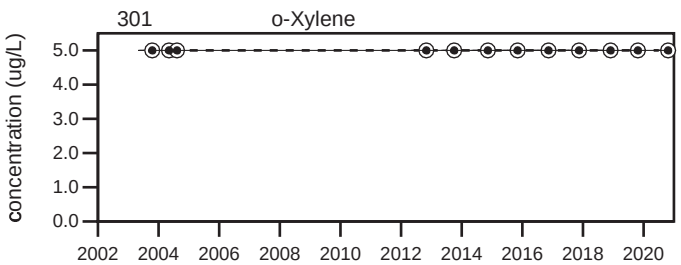


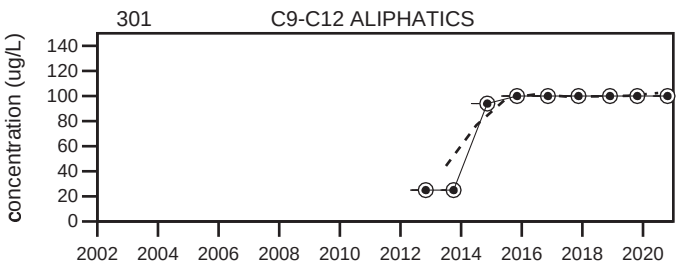


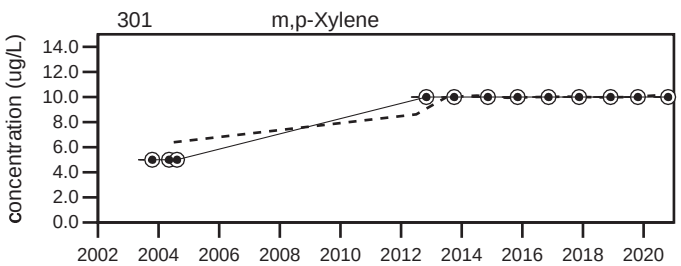


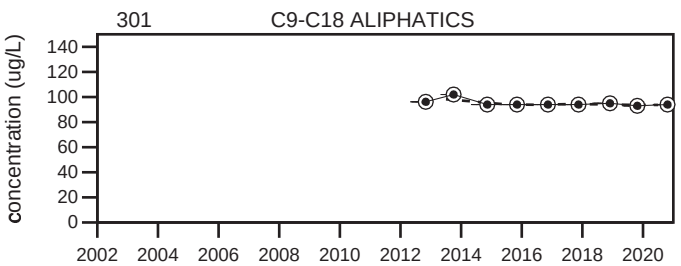


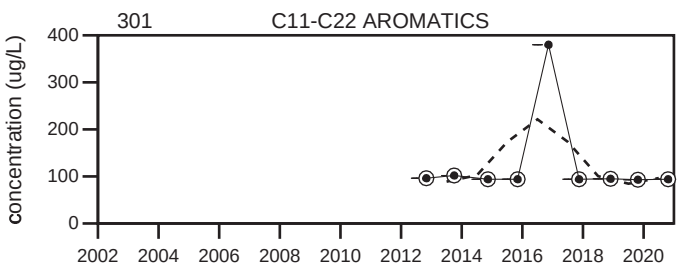


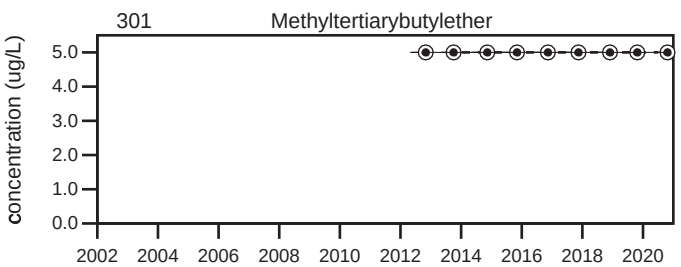












LEGEND

- Maximum Value
- 75th Percentile
- Median
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- Minimum Value
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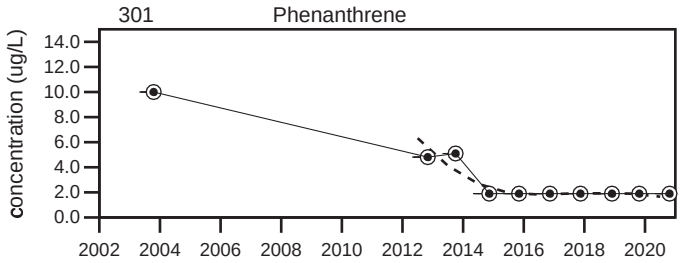
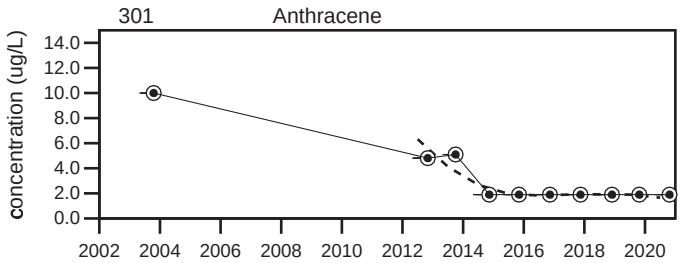
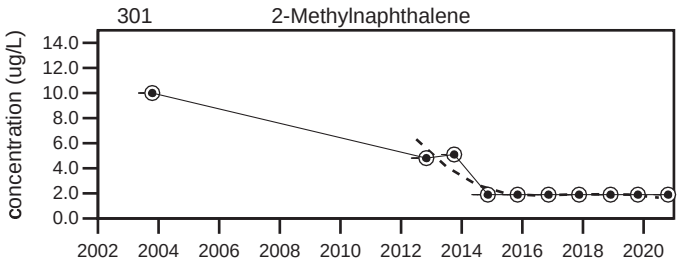
Dolby Landfill

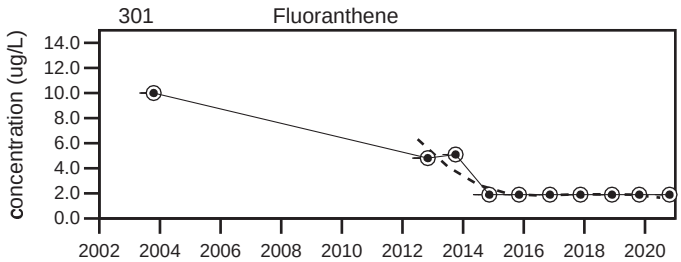
301

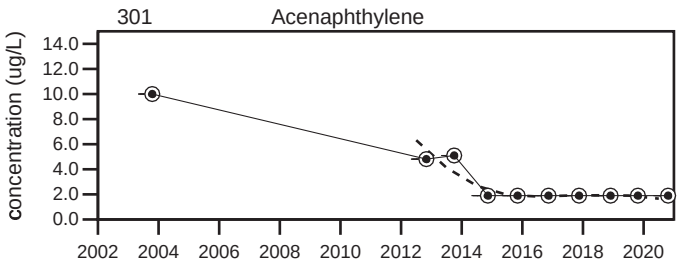
Sevee & Maher Engineers, Inc.

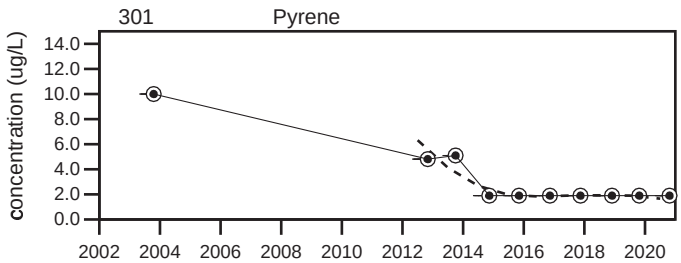


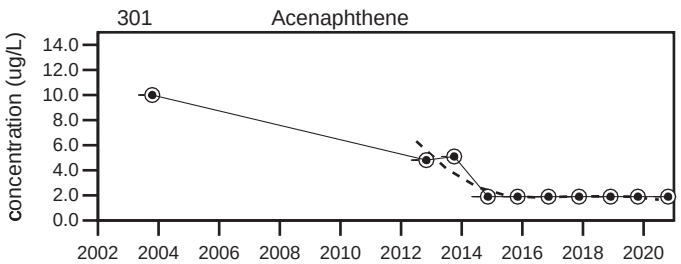


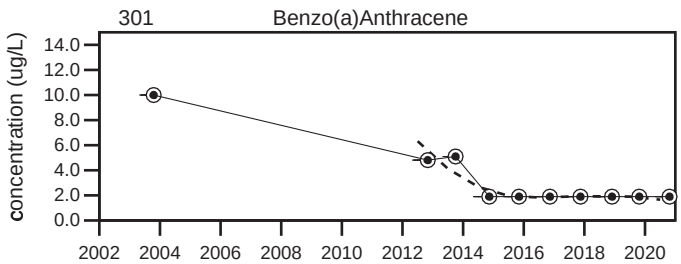


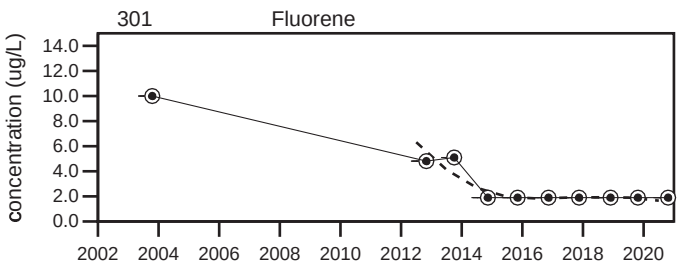


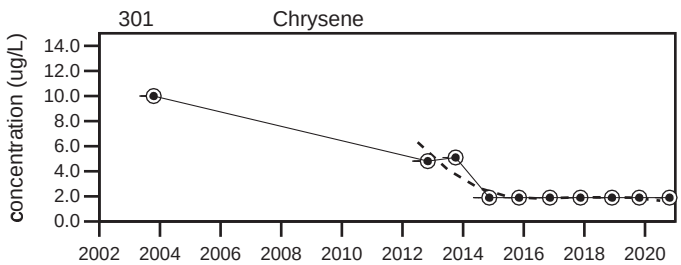


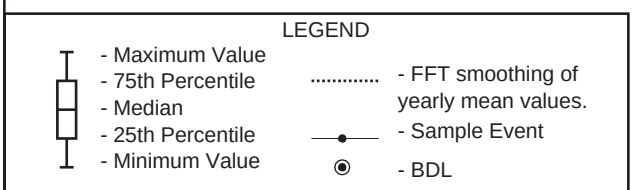












Dolby Landfill

301

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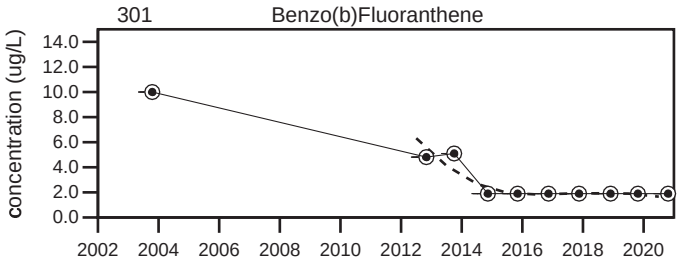
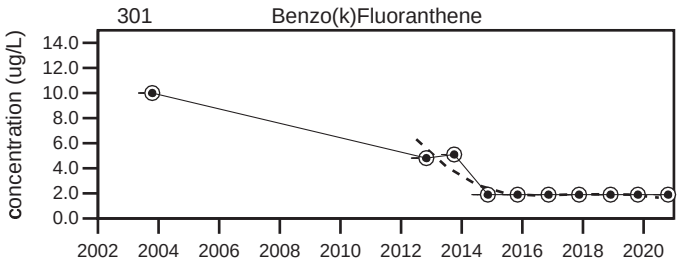
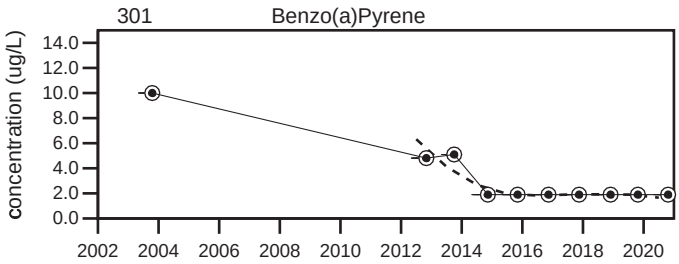
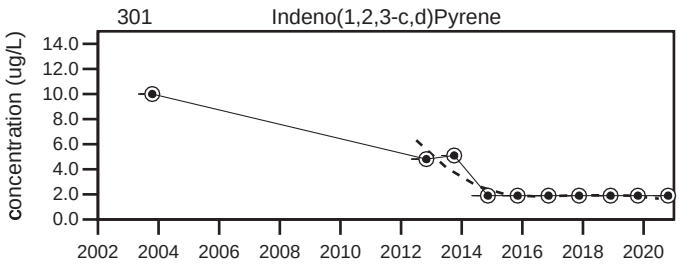
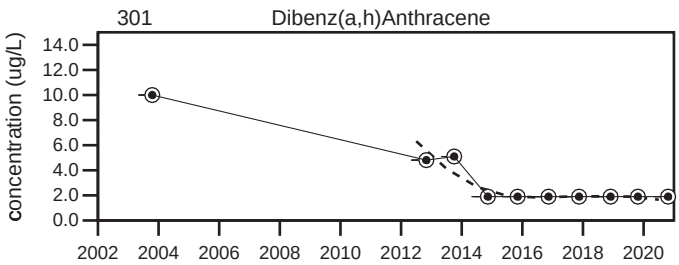
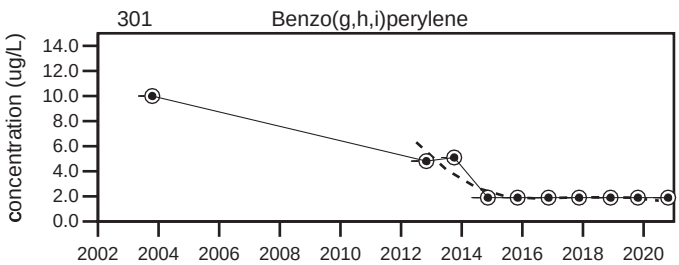


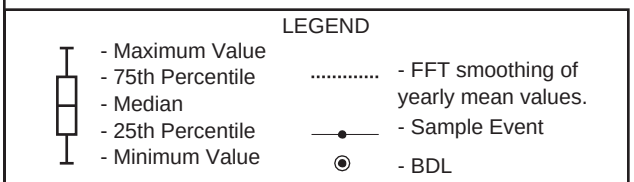












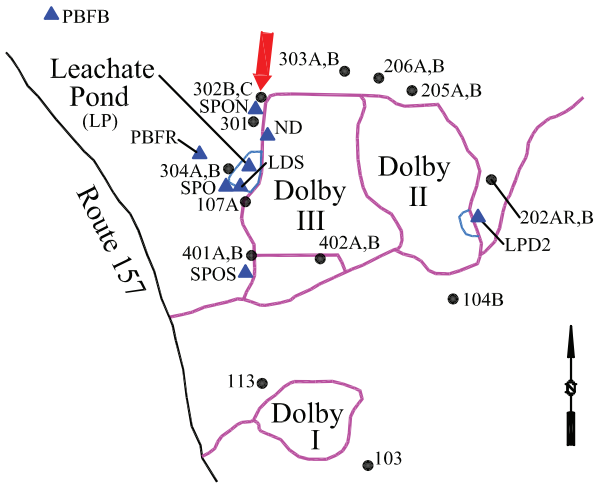
Dolby Landfill

301

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the northwest of Dolby III Landfill.



Screen Interval:	**18.8 ft. to 23.8 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Sep-83**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**

Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		1518	1476	1401	121	to 1709	1100	± 47	60
Dissolved Oxygen (mg/L)		0.8	0.8	2.3	0.1	to 12.5	1.2	± 0.23	59
Total Dissolved Solids (mg/L)		990	930	1000	224	to 1100	710	± 28	60
Arsenic (mg/L)		0.008 U	↑0.04 U	0.008 U	0.0016 U	to 0.02 U	0.0065	± 0.000	58
Calcium (mg/L)		231	↑610	137	82.2	to 247	190	± 5.3	54
Manganese (mg/L)		**37**	↑**89.5**	**18.4**	1.118	to 39.8	16	± 1.4	60
pH (STU)		6	6.5	6.7	5.77	to 8.9	6.4	± 0.053	60
Alkalinity (CaCO3) (mg/L)		↑940	820	880	88.9	to 900	540	± 27	60
Ca-mg Hardness (CaCO3) (mg/L)		808	↑2160	471	143.9	to 863	560	± 25	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		↑940	820	880	81	to 900	530	± 28	60
Sodium (mg/L)		**62.4**	↑**152**	**32.4**	6.5	to 65.2	33	± 2	60
Chloride (mg/L)		65	65	68	38	to 82	58	± 1.7	60
Iron (mg/L)		0.1 U	↑0.5 U	0.1 U	0.01 U	to 0.21	0.062	± 0.007	60
Magnesium (mg/L)		56.1	↑156	31.5	7.3	to 67.7	32	± 2.1	54
Potassium (mg/L)		4.2	↑12.4	2.64	1.16	to 5.06	2.7	± 0.13	60
Sulfate (mg/L)		1 U	13	1 U	1 U	to 78	27	± 2.3	60
Total Suspended Solids (mg/L)		4 U	6	4 U	0.32 U	to 9	2.3	± 0.22	60
Turbidity (field) (NTU)		0.8	0.6	0.8	0	to 1.8	0.38	± 0.035	59
Ammonia (N) (mg/L)		0.85	0.91	0.7	0.08 U	to 1.1	0.26	± 0.028	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	to 2 U	0.72	± 0.092	60
Organic Carbon (mg/L)		25	24	26	3.1	to 34	18	± 0.92	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

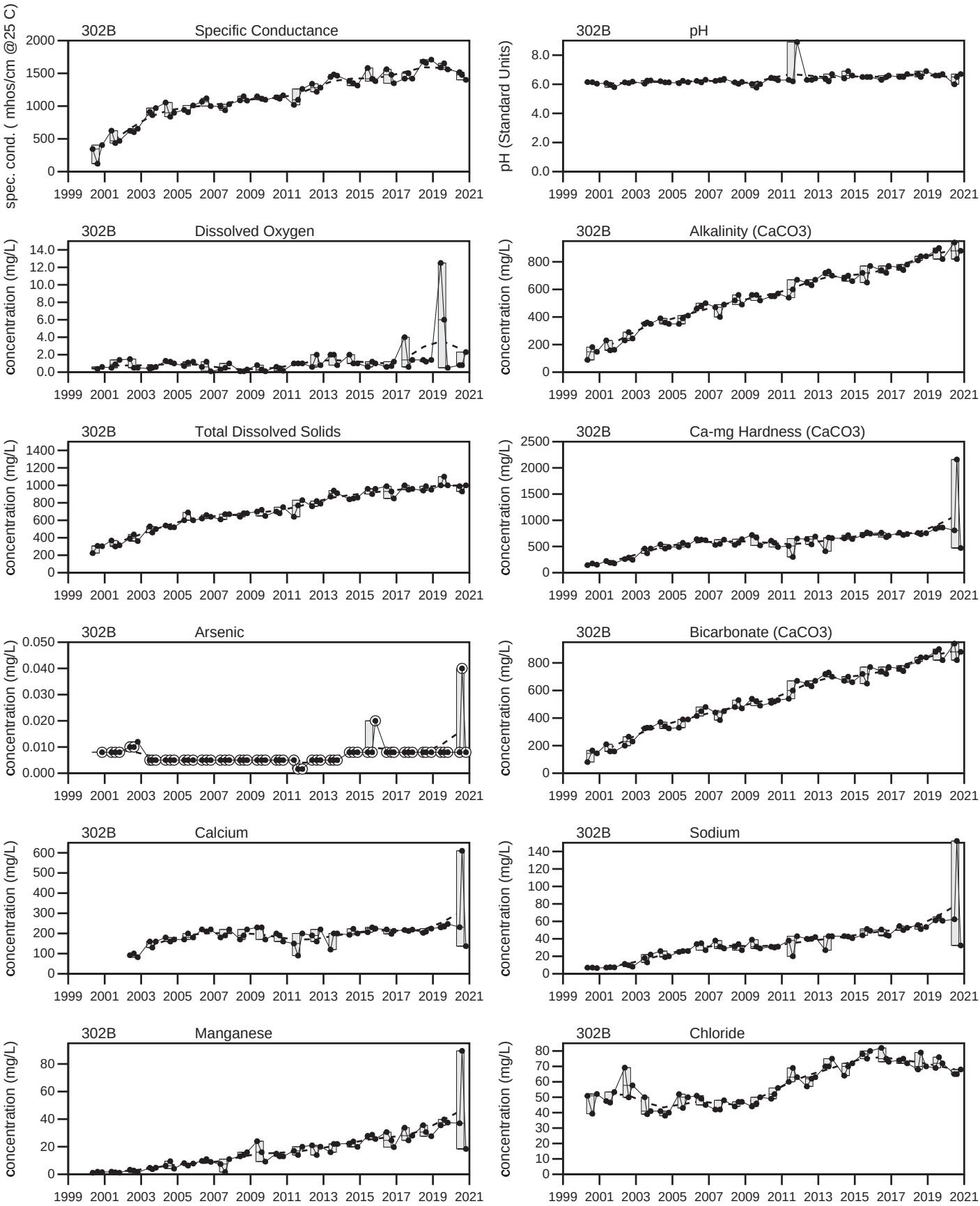
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



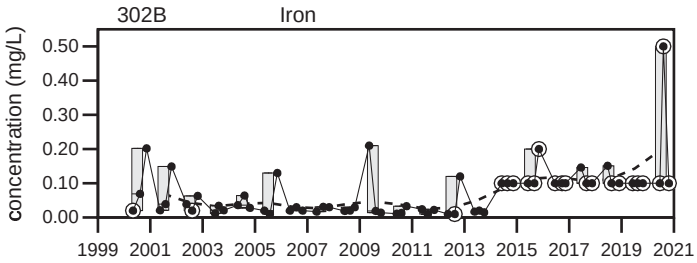
LEGEND

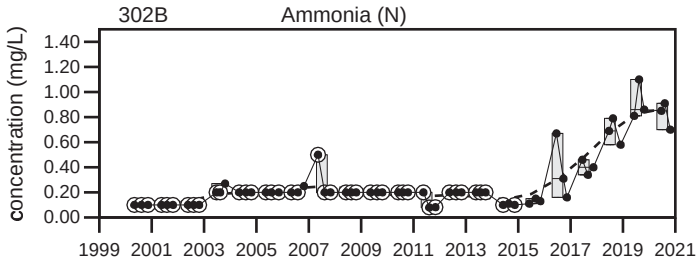
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

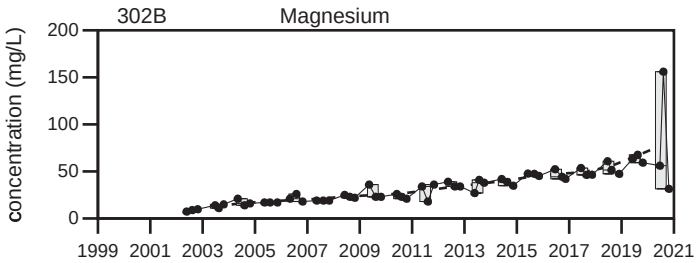
Dolby Landfill

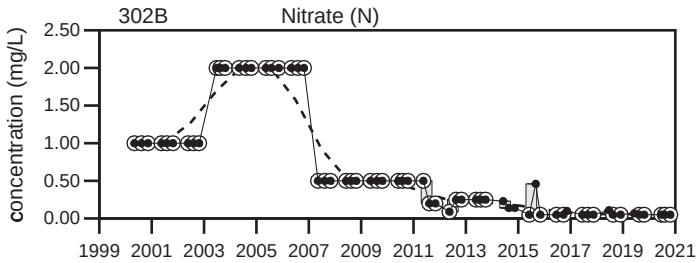
302B

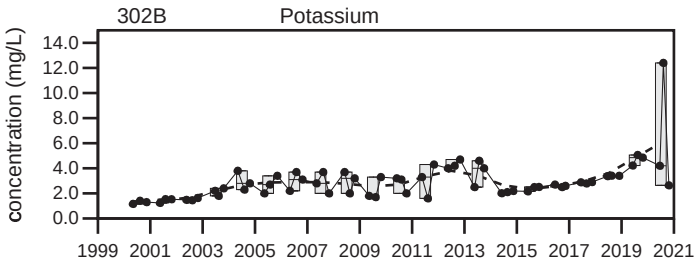
Sevee & Maher Engineers, Inc.

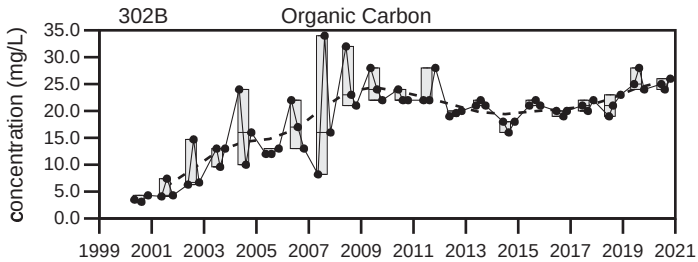


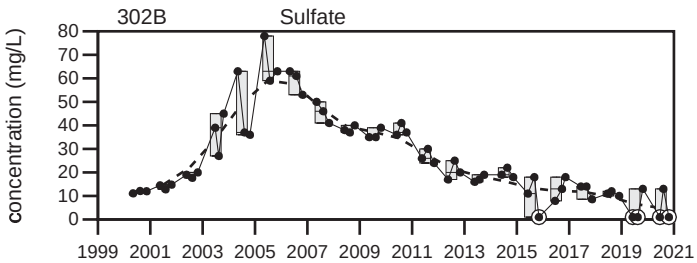


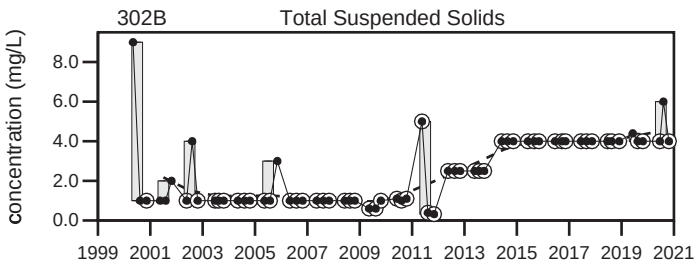


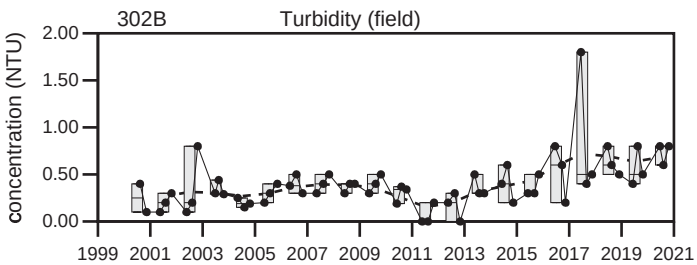


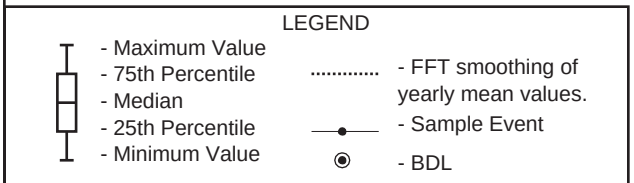












Dolby Landfill

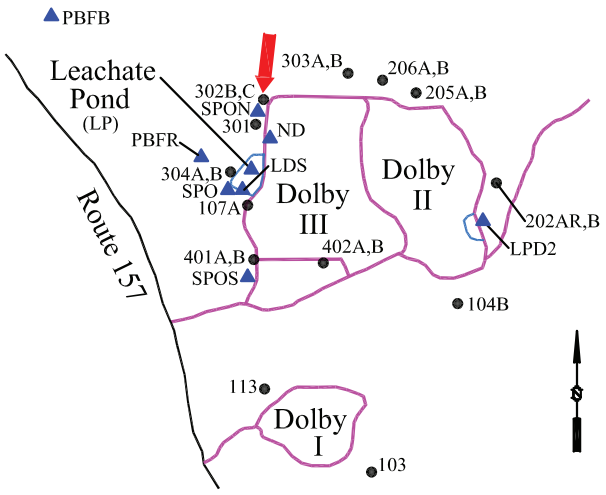
302B

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the northwest of Dolby III Landfill.

Screen Interval:	**18.8 ft. to 23.8 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Sep-83**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Benzene (ug/L)				3 U	3 U	5 U	3.9	0.31	11
Toluene (ug/L)				5 U	5 U	5 U	5	0	11
Ethylbenzene (ug/L)				5 U	5 U	5 U	5	0	11
o-Xylene (ug/L)				5 U	5 U	5 U	5	0	11
m,p-Xylene (ug/L)				10 U	5 U	10 U	8.6	0.7	11
C11-C22 AROMATICS (ADJUSTED) (ug/L)				94 U	94 U	101 U	95	0.78	9
C19-C36 ALIPHATICS (ADJUSTED) (ug/L)				94 U	94 U	101 U	95	0.78	9
C5-C8 ALIPHATICS (ADJUSTED) (ug/L)				100 U	75 U	100 U	93	4	8
C9-C10 AROMATICS (ADJUSTED) (ug/L)				100 U	25 U	100 U	81	12	8
C9-C12 ALIPHATICS (ADJUSTED) (ug/L)				100 U	25 U	100 U	81	12	8
C9-C18 ALIPHATICS (ADJUSTED) (ug/L)				94 U	94 U	101 U	95	0.78	9
Methyltertiarybutylether (ug/L)				5 U	5 U	5 U	5	0	8
Naphthalene (ug/L)				5 U	4.81 U	10 U	5.5	0.56	9
Naphthalene (EPH) (ug/L)				1.9 U	1.9 U	1.9 U	1.9	0	6
2-Methylnaphthalene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Acenaphthylene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Acenaphthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Fluorene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Phenanthrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(a)Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Chrysene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(b)Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(k)Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(a)Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Indeno(1,2,3-c,d)Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Dibenz(a,h)Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(g,h,i)perylene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10

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

Applicable Limits:
Naphthalene (EPH) MEG16=10 ug/L, Benzene MEG16=4 ug/L, MCL=5 ug/L, Benzo(a)Pyrene MEG16=0.05 ug/L, MCL=0.2 ug/L, Benzo(k)Fluoranthene MEG16=5 ug/L, Benzo(b)Fluoranthene MEG16=0.5 ug/L, Chrysene MEG16=50 ug/L, Benzo(a)Anthracene MEG16=0.5 ug/L, Pyrene MEG16=200 ug/L, Fluoranthene MEG16=300 ug/L, Anthracene MEG16=2000 ug/L, Fluorene MEG16=300 ug/L, Indeno(1,2,3-c,d)Pyrene MEG16=0.5 ug/L, 2-Methylnaphthalene MEG16=30 ug/L, Dibenz(a,h)Anthracene MEG16=0.05 ug/L, Naphthalene MEG16=10 ug/l Methyltertiarybutylether MEG16=35 ug/L, C9-C18 ALIPHATICS (ADJUSTED) MEG16=700 ug/L, C9-C12 ALIPHATICS (ADJUSTED) MEG16=700 ug/L, C9-C10 AROMATICS (ADJUSTED) MEG16=200 ug/L, C5-C8 ALIPHATICS (ADJUSTED) MEG16=300 ug/L, C19-C36

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ALIPHATICS (ADJUSTED) MEG16=10000 ug/L, C11-C22 AROMATICS (ADJUSTED) MEG16=200 ug/L, Ethylbenzene MEG16=30 ug/L, MCL=700 ug/L, Toluene MEG16=600 ug/L, MCL=1000 ug/L, Acenaphthene MEG16=400 ug/L

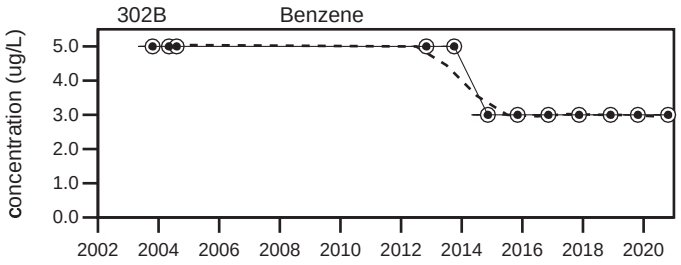
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

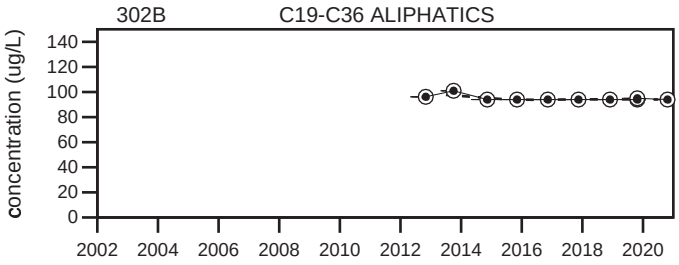
Comments

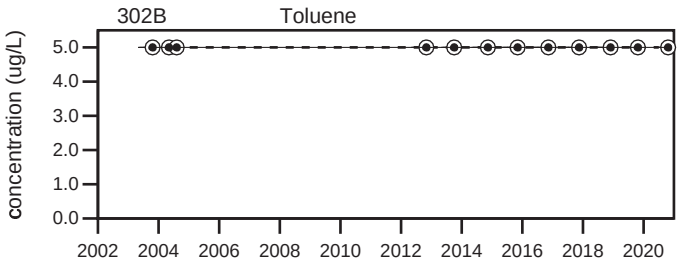
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

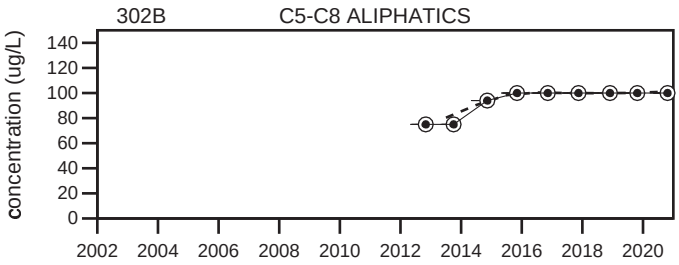
Q3= 8 - 2020

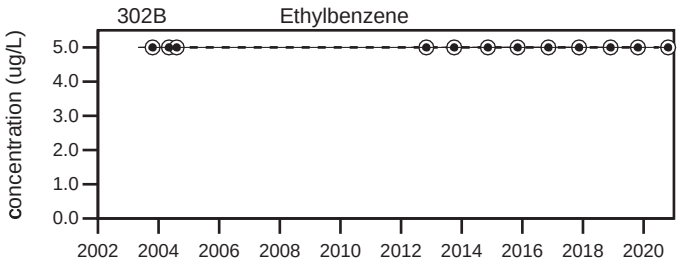
Q4= 10 - 2020

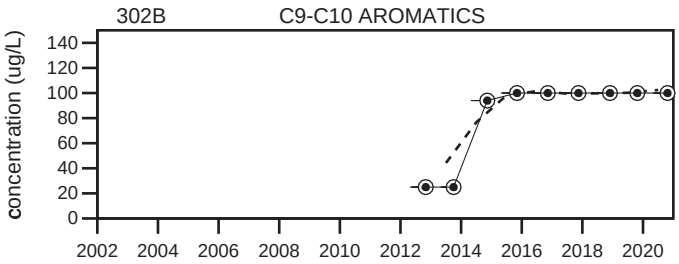


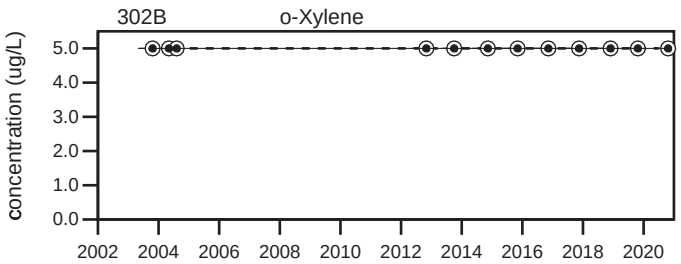


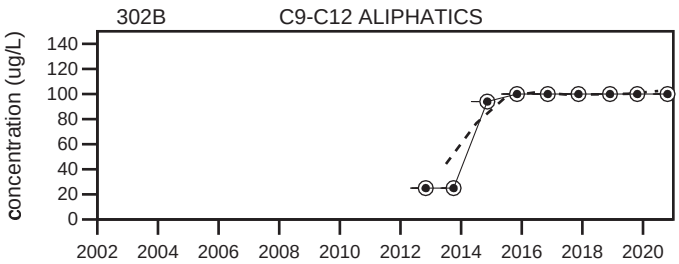


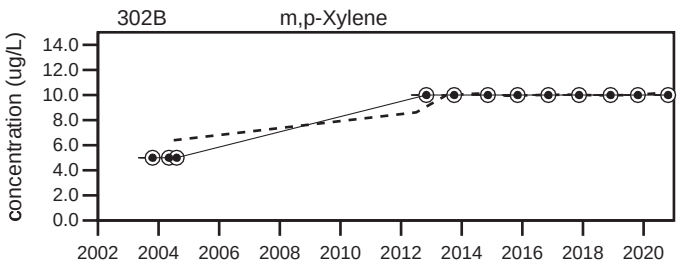


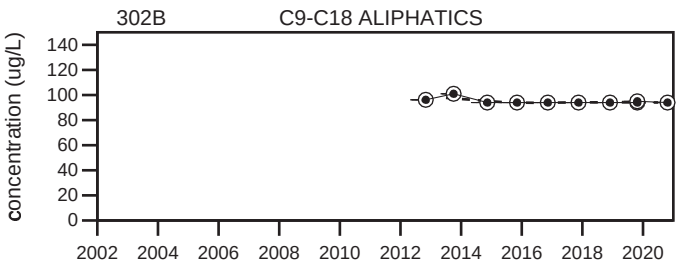


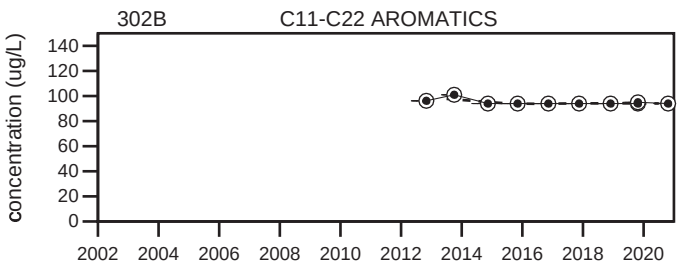


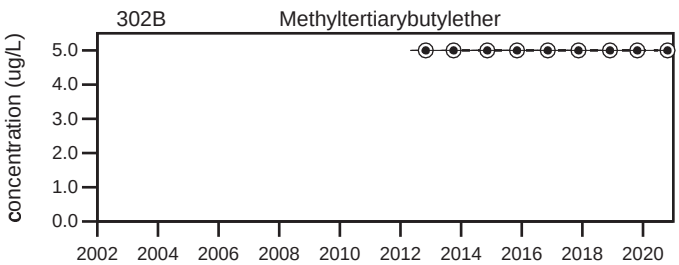


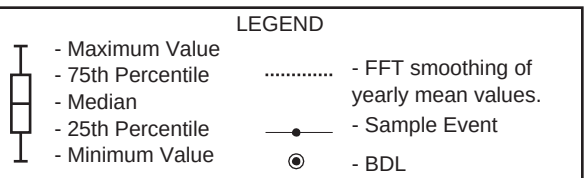








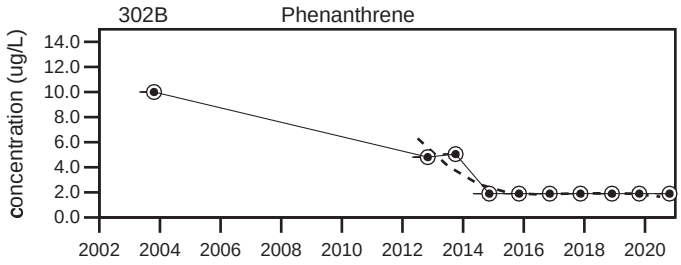


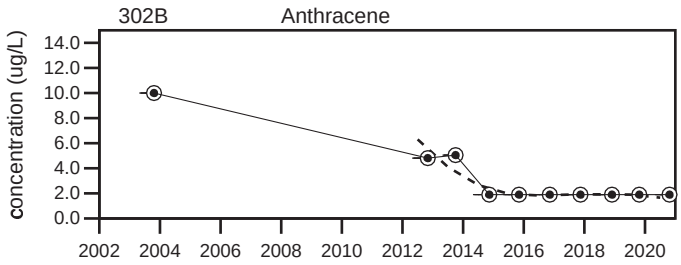


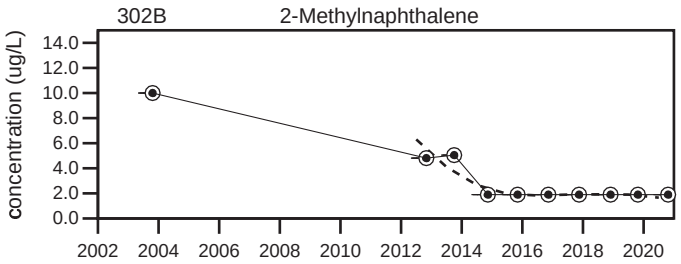
Dolby Landfill

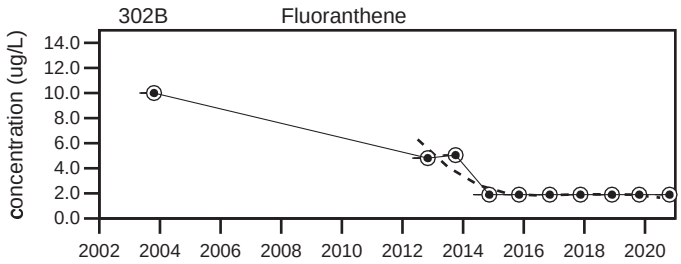
302B

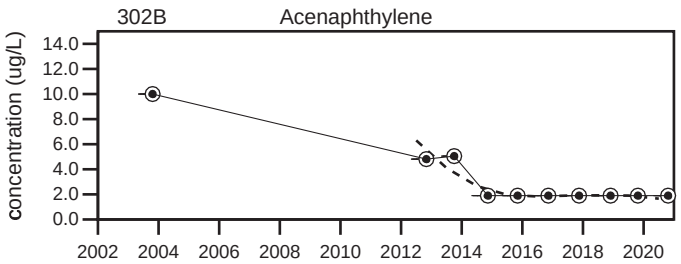
Sevee & Maher Engineers, Inc.

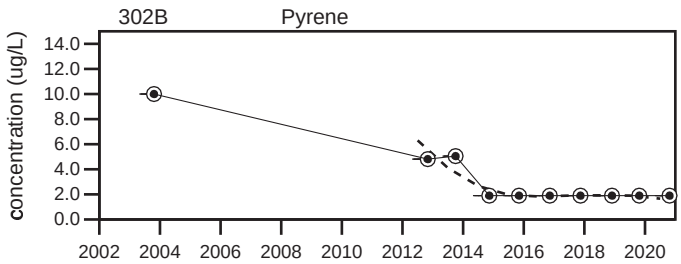


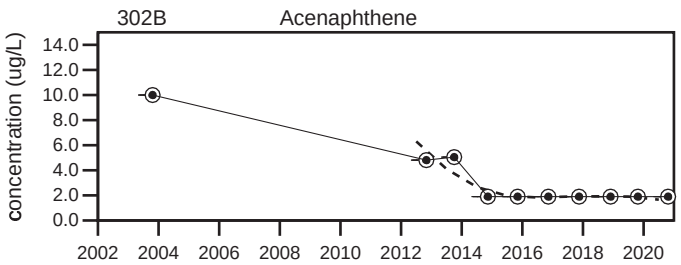


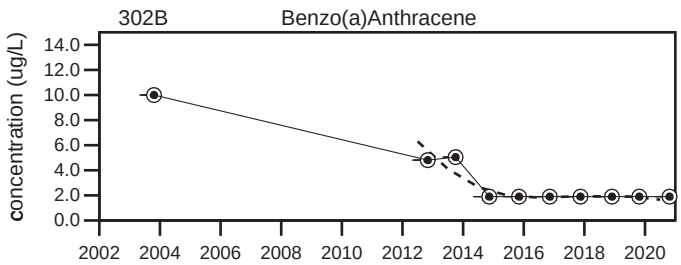


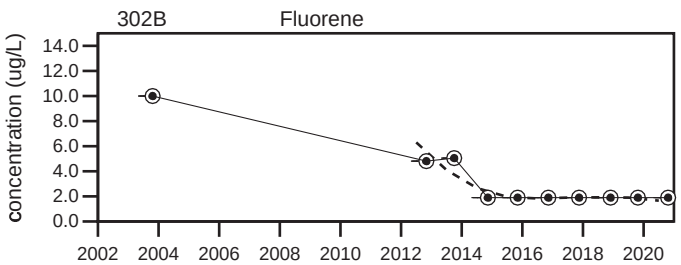


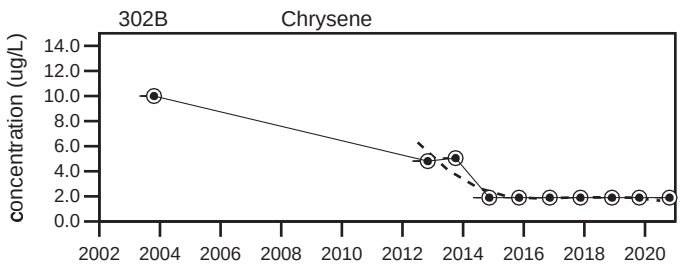


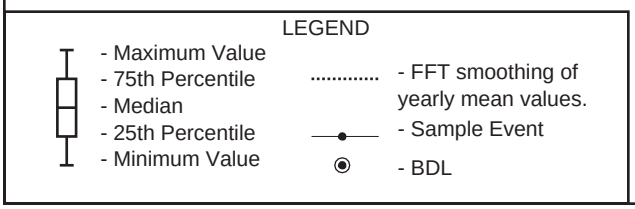








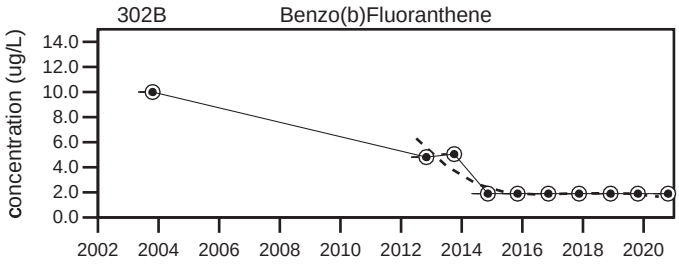


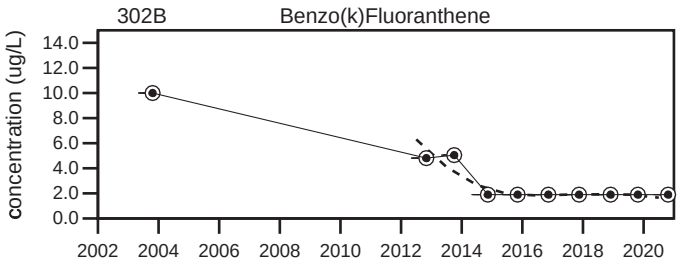


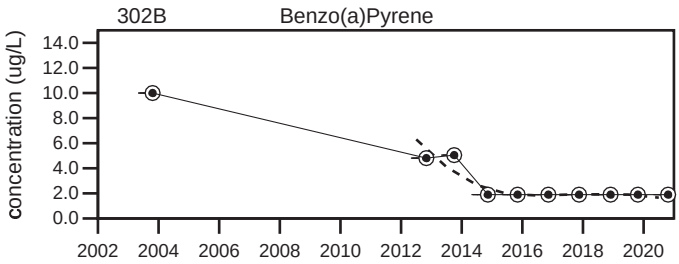
Dolby Landfill

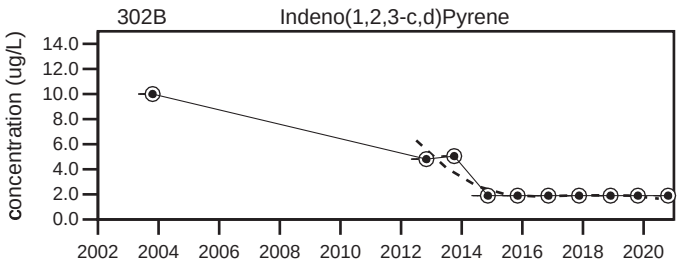
302B

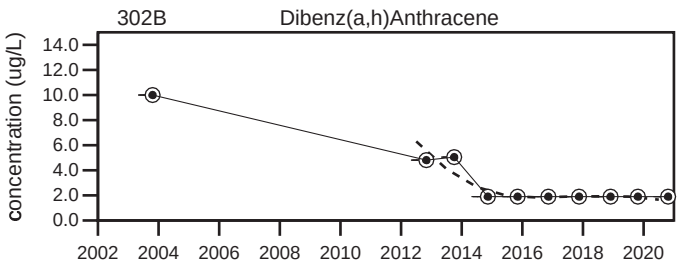
Sevee & Maher Engineers, Inc.

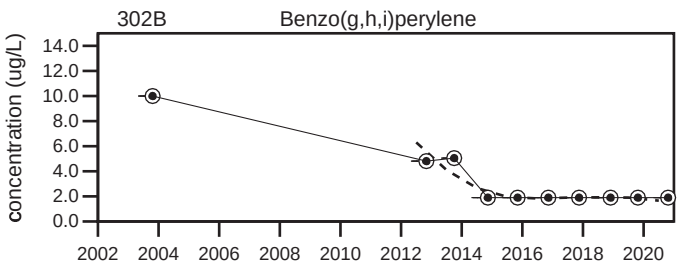


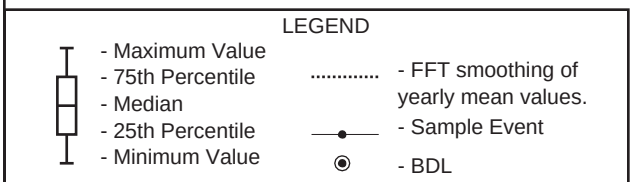












Dolby Landfill

302B

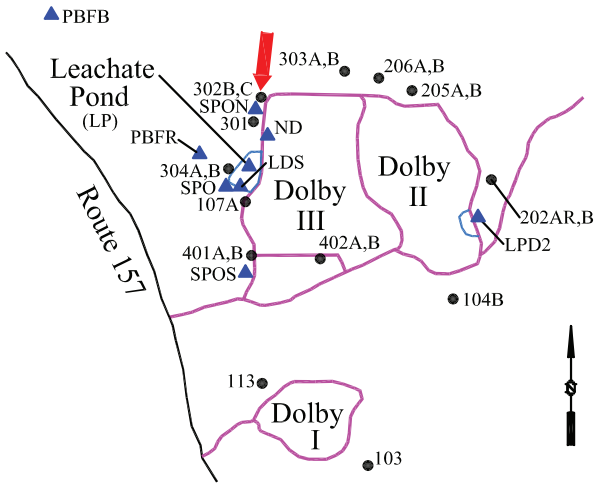
Sevee & Maher Engineers, Inc.

302C

Well Description

Well located downgradient to the northwest of Dolby III Landfill.

Screen Interval: **6 ft. to 11 ft.**
Sampled: **3 times annually**
Sampled Since: **Sep-83**
Material Screened: **Glacial Till**
Well Condition: **Good**
Sampling Method: **Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		1507	1309	1465	292	to 1793	1100	± 45	60
Dissolved Oxygen (mg/L)		0.6	0.5	1.5	0.1	to 6.6	0.9	± 0.14	59
Total Dissolved Solids (mg/L)		1000	900	970	189	to 1100	650	± 29	60
Arsenic (mg/L)		0.008 U	↑0.04 U	0.008 U	0.0016 U	to 0.02 U	0.0065	± 0.000	58
Calcium (mg/L)		208	191	186	72	to 240	160	± 4.4	54
Manganese (mg/L)		↑**57.5**	**45.4**	↑**60.5**	0.171	to 55	21	± 2	60
pH (STU)		6.5	6.4	6.7	5.71	to 7.4	6.2	± 0.037	60
Alkalinity (CaCO3) (mg/L)		↑1000	820	↑910	47.3	to 890	510	± 29	60
Ca-mg Hardness (CaCO3) (mg/L)		↑801	735	723	105.5	to 767	510	± 23	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		↑1000	820	↑910	39	to 890	500	± 30	60
Sodium (mg/L)		↑**65.4**	**57.5**	**57.1**	6.98	to 60.8	36	± 1.9	60
Chloride (mg/L)		54	44	52	26	to 140	55	± 2.1	60
Iron (mg/L)		0.693	0.88	0.306	0.02 U	to 2.442	0.66	± 0.072	60
Magnesium (mg/L)		68.1	62.5	62.9	9.2	to 74	38	± 2.2	54
Potassium (mg/L)		8.06	7.3	↑18.5	1.19	to 11.4	3.3	± 0.24	60
Sulfate (mg/L)		1 U	1.3	1 U	1 U	to 79	25	± 2.9	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	to 23	2.6	± 0.39	60
Turbidity (field) (NTU)		0.2	0.2	0.4	0	to 1.2	0.33	± 0.03	59
Ammonia (N) (mg/L)		1.9	1.5	↑5.3	0.08 U	to 4	0.48	± 0.098	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	to 2 U	0.7	± 0.094	60
Organic Carbon (mg/L)		27	24	30	2.6	to 48	18	± 1	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

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

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.
Q3= 8 - 2020
Q4= 10 - 2020

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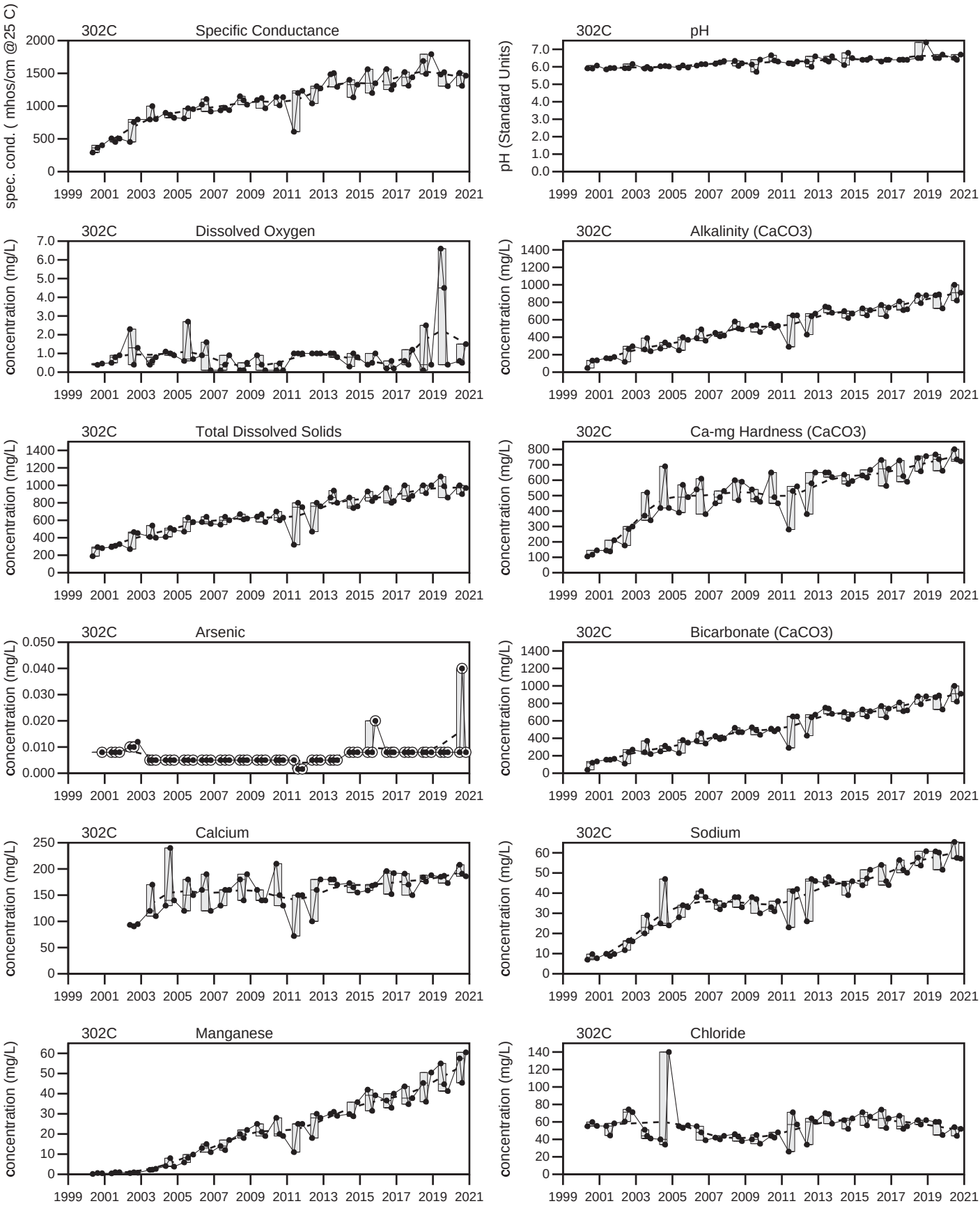


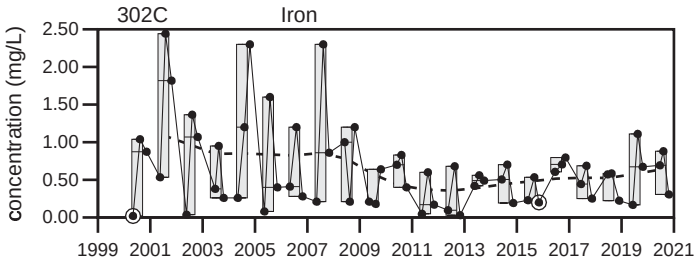
LEGEND

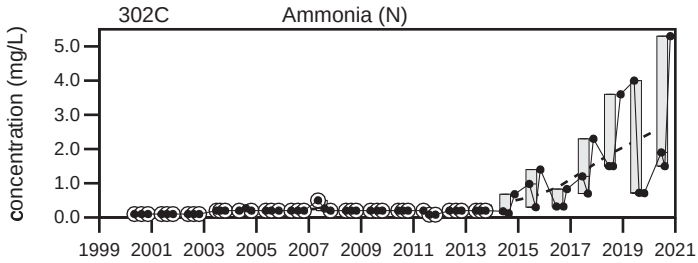
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

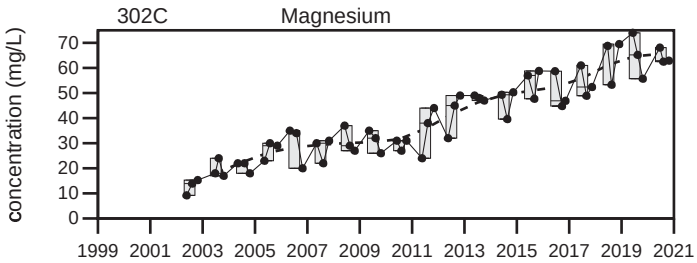
Dolby Landfill

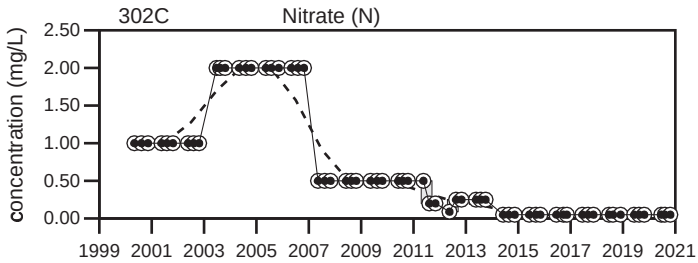
302C

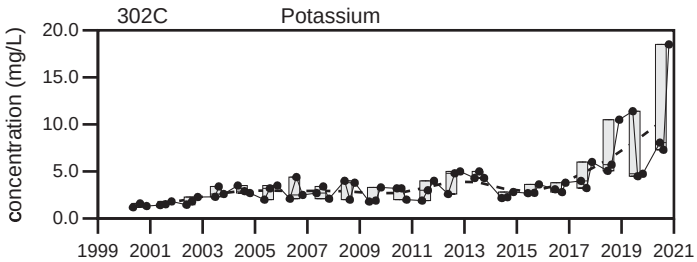
Sevee & Maher Engineers, Inc.

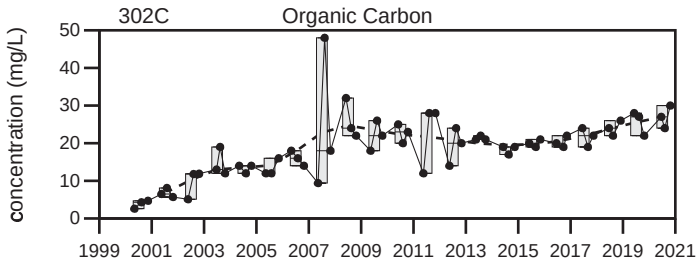


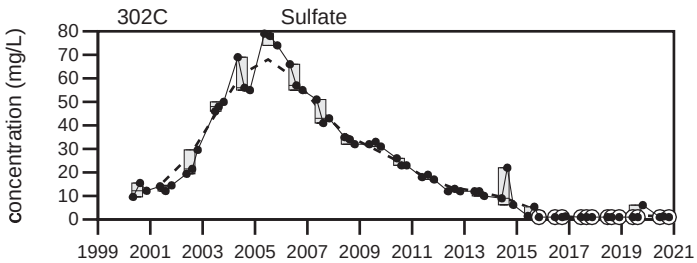


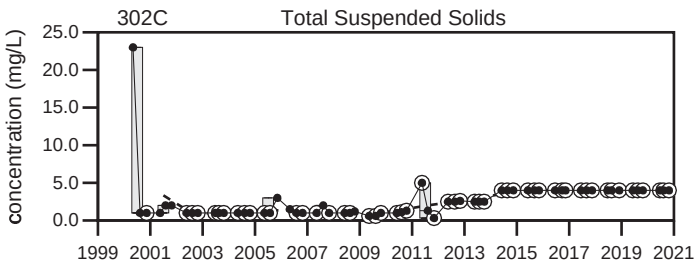


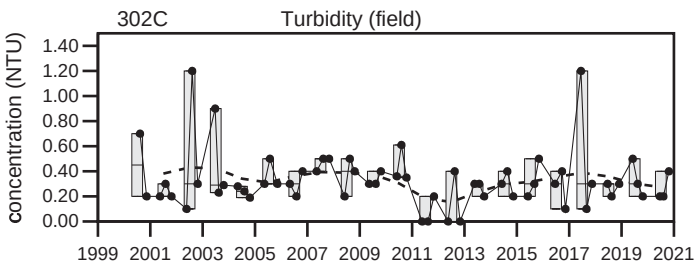












LEGEND

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

Dolby Landfill

302C

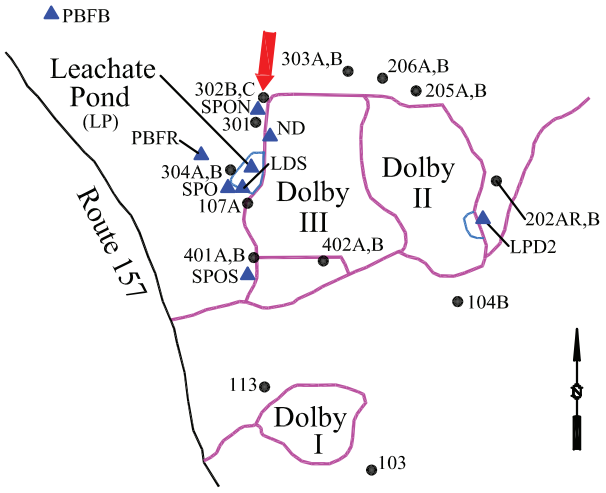
Sevee & Maher Engineers, Inc.

302C
2020 EPH/VPH Stats

Well Description

Well located downgradient to the northwest of Dolby III Landfill.

Screen Interval: **6 ft. to 11 ft.**
Sampled: **3 times annually**
Sampled Since: **Sep-83**
Material Screened: **Glacial Till**
Well Condition: **Good**
Sampling Method: **Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Benzene (ug/L)				3 U	3 U	5 U	3.9	0.31	11
Toluene (ug/L)				5 U	5 U	5 U	5	0	11
Ethylbenzene (ug/L)				5 U	5 U	5 U	5	0	11
o-Xylene (ug/L)				5 U	5 U	5 U	5	0	11
m,p-Xylene (ug/L)				10 U	5 U	10 U	8.6	0.7	11
C11-C22 AROMATICS (ADJUSTED) (ug/L)				94 U	94 U	630	150	59	9
C19-C36 ALIPHATICS (ADJUSTED) (ug/L)				94 U	94 U	1900	300	200	9
C5-C8 ALIPHATICS (ADJUSTED) (ug/L)				100 U	75 U	100 U	93	4	8
C9-C10 AROMATICS (ADJUSTED) (ug/L)				100 U	25 U	100 U	81	12	8
C9-C12 ALIPHATICS (ADJUSTED) (ug/L)				100 U	25 U	100 U	81	12	8
C9-C18 ALIPHATICS (ADJUSTED) (ug/L)				94 U	94 U	150	100	6.1	9
Methyltertiarybutylether (ug/L)				5 U	5 U	5 U	5	0	8
Naphthalene (ug/L)				5 U	4.81 U	10 U	5.5	0.56	9
Naphthalene (EPH) (ug/L)				1.9 U	1.9 U	1.9 U	1.9	0	6
2-Methylnaphthalene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Acenaphthylene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Acenaphthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Fluorene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Phenanthrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(a)Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Chrysene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(b)Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(k)Fluoranthene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(a)Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Indeno(1,2,3-c,d)Pyrene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Dibenz(a,h)Anthracene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10
Benzo(g,h,i)perylene (ug/L)				1.9 U	1.9 U	10 U	3.3	0.84	10

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

Applicable Limits:
Naphthalene (EPH) MEG16=10 ug/L, Benzene MEG16=4 ug/L, MCL=5 ug/L, Benzo(a)Pyrene MEG16=0.05 ug/L, MCL=0.2 ug/L, Benzo(k)Fluoranthene MEG16=5 ug/L, Benzo(b)Fluoranthene MEG16=0.5 ug/L, Chrysene MEG16=50 ug/L, Benzo(a)Anthracene MEG16=0.5 ug/L, Pyrene MEG16=200 ug/L, Fluoranthene MEG16=300 ug/L, Anthracene MEG16=2000 ug/L, Fluorene MEG16=300 ug/L, Indeno(1,2,3-c,d)Pyrene MEG16=0.5 ug/L, 2-Methylnaphthalene MEG16=30 ug/L, Dibenz(a,h)Anthracene MEG16=0.05 ug/L, Naphthalene MEG16=10 ug/l Methyltertiarybutylether MEG16=35 ug/L, C9-C18 ALIPHATICS (ADJUSTED) MEG16=700 ug/L, C9-C12 ALIPHATICS (ADJUSTED) MEG16=700 ug/L, C9-C10 AROMATICS (ADJUSTED) MEG16=200 ug/L, C5-C8 ALIPHATICS (ADJUSTED) MEG16=300 ug/L, C19-C36

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ALIPHATICS (ADJUSTED) MEG16=10000 ug/L, C11-C22 AROMATICS (ADJUSTED) MEG16=200 ug/L, Ethylbenzene MEG16=30 ug/L, MCL=700 ug/L, Toluene MEG16=600 ug/L, MCL=1000 ug/L, Acenaphthene MEG16=400 ug/L

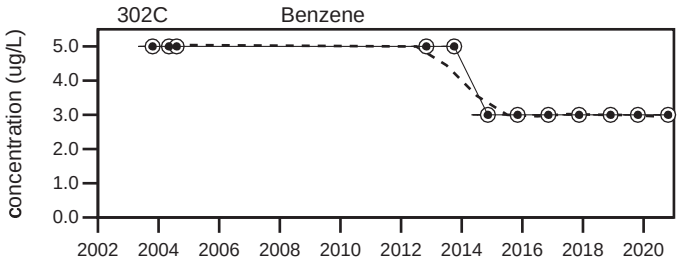
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

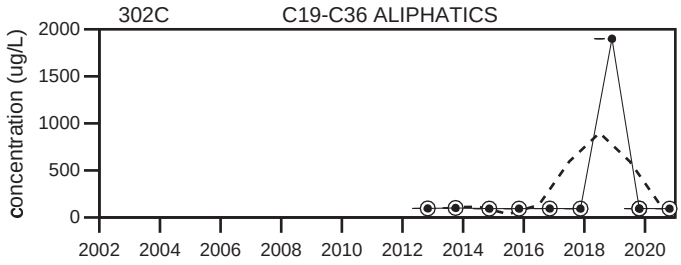
Comments

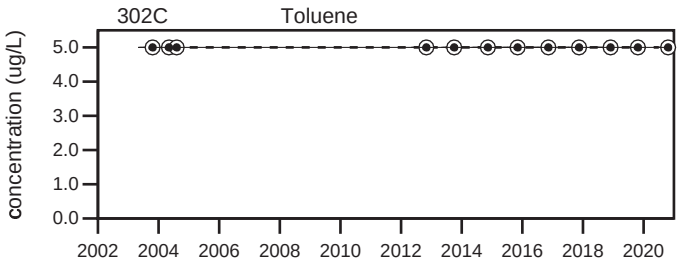
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

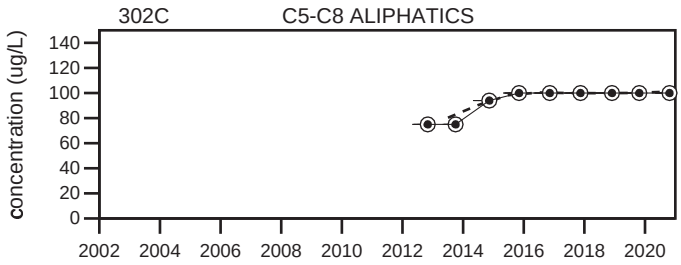
Q3= 8 - 2020

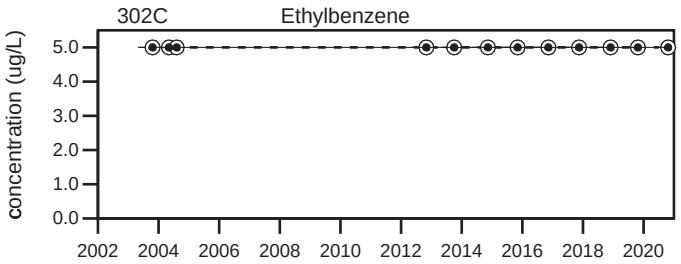
Q4= 10 - 2020

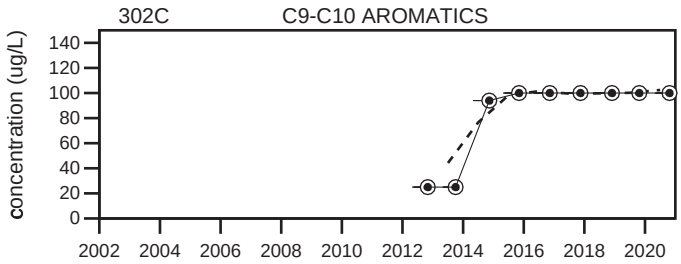


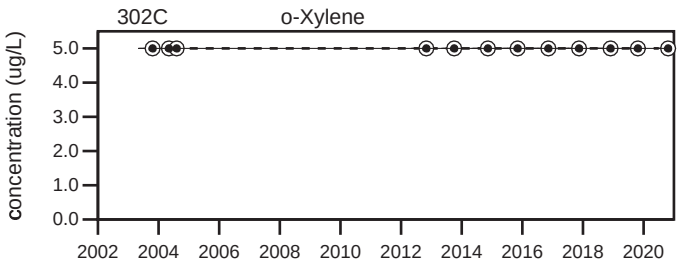


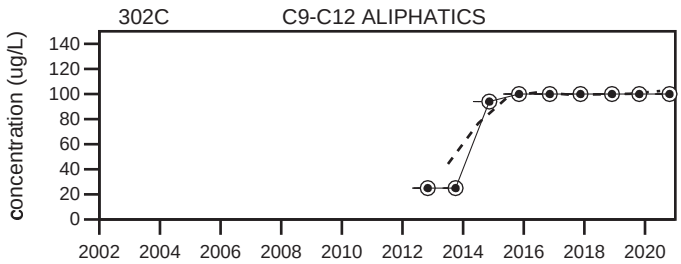


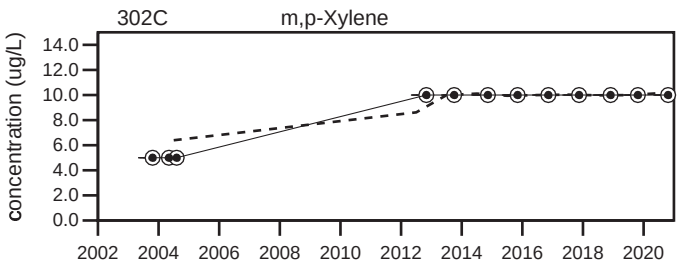


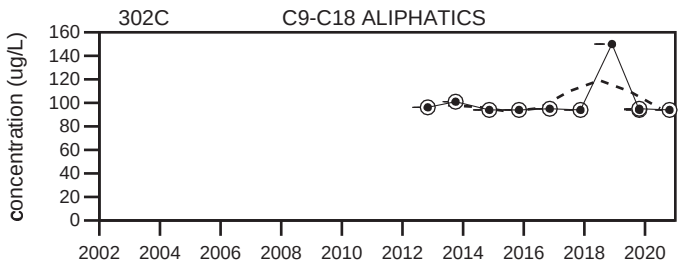


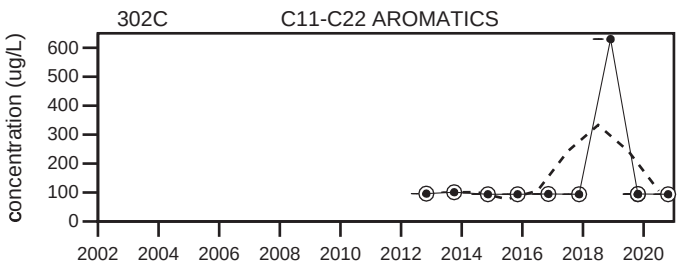


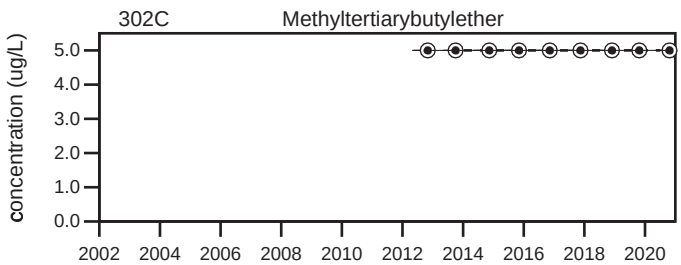


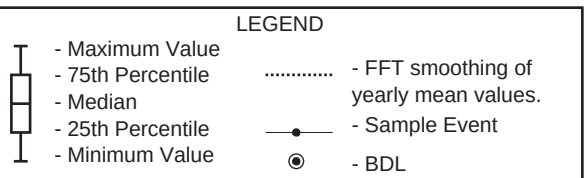








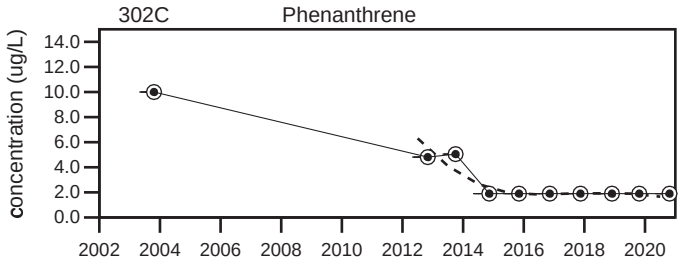


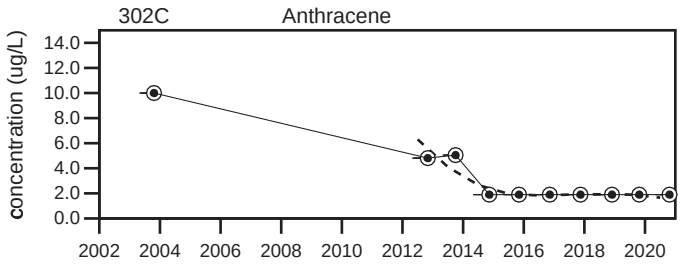


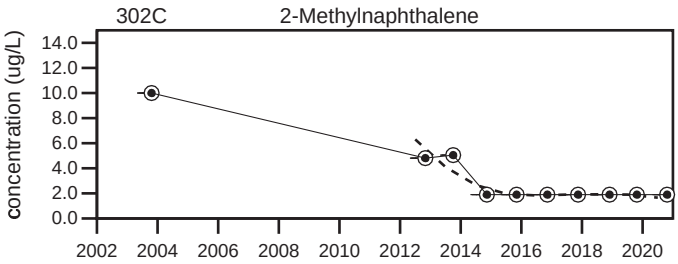
Dolby Landfill

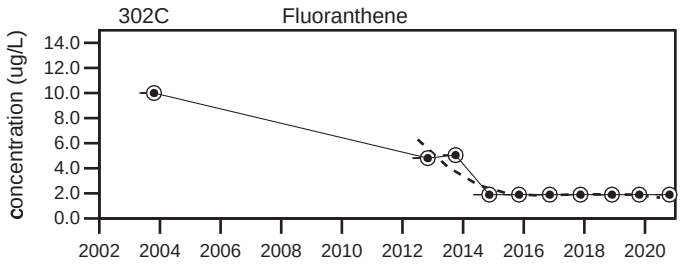
302C

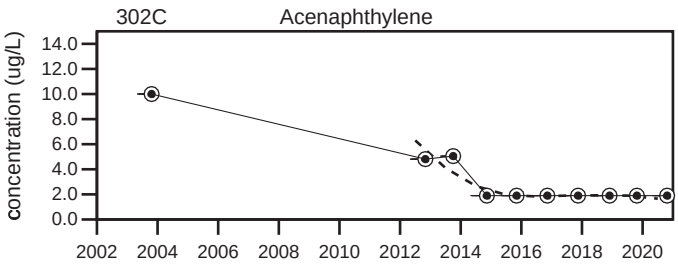
Sevee & Maher Engineers, Inc.

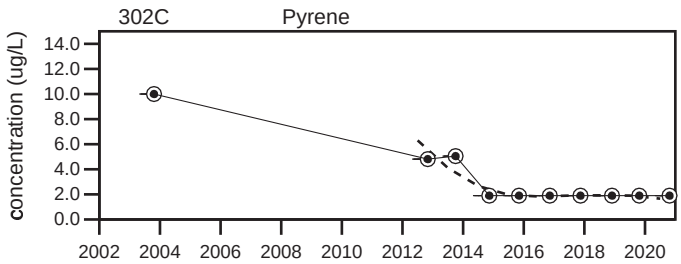


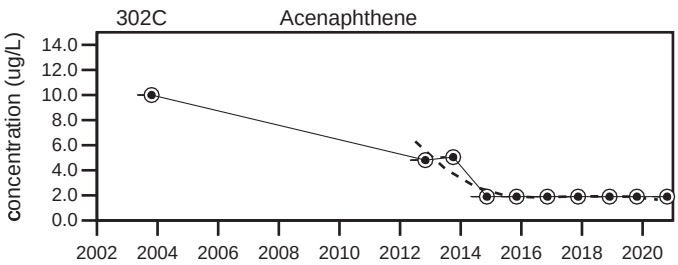


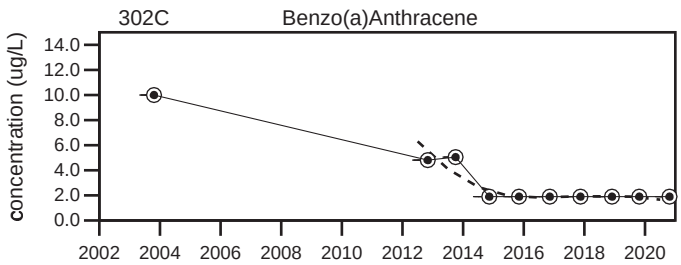


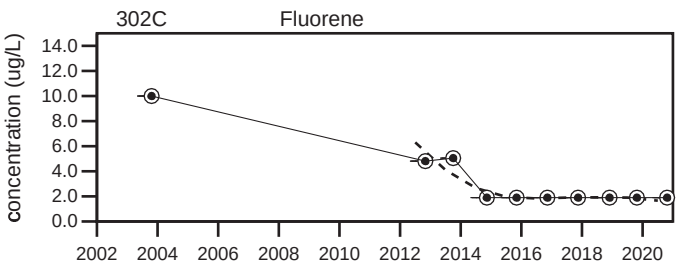


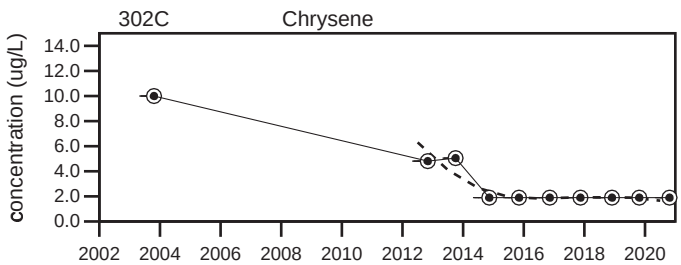


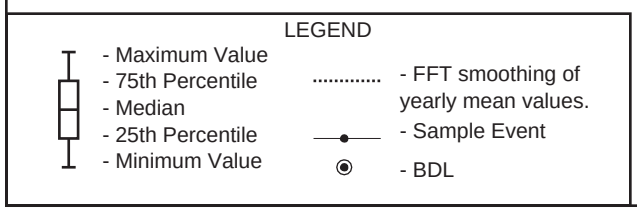








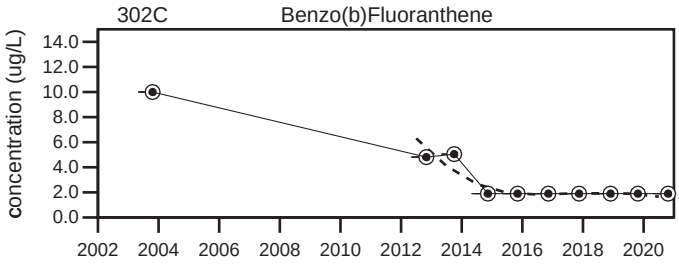


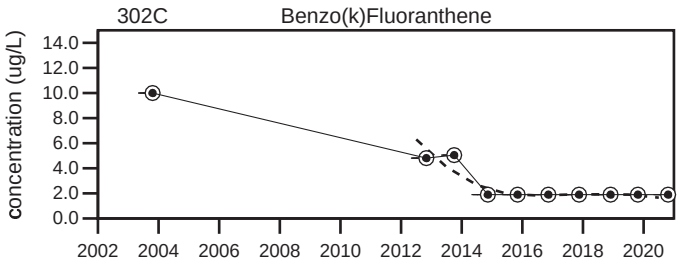


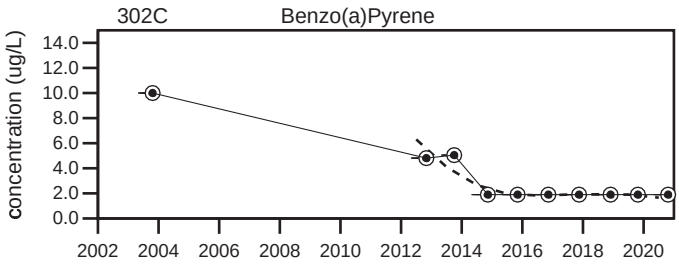
Dolby Landfill

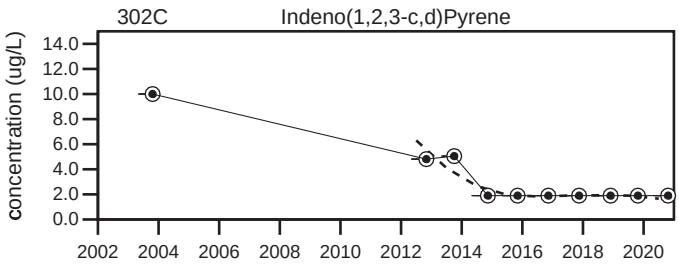
302C

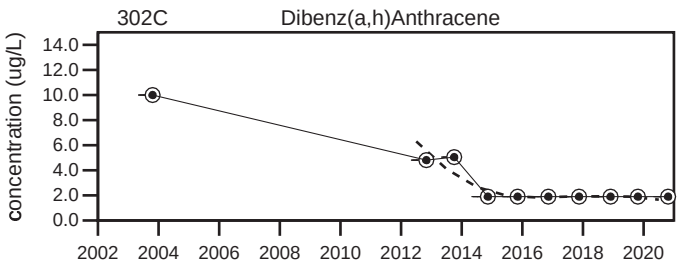
Sevee & Maher Engineers, Inc.

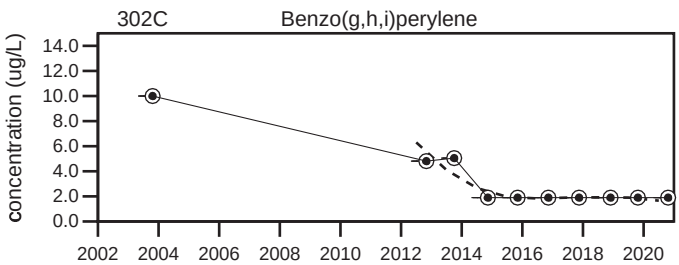


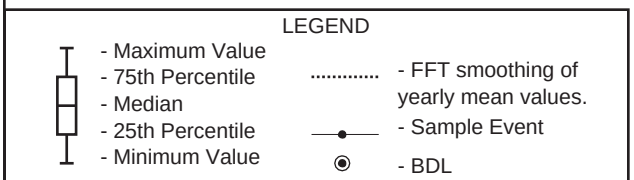












Dolby Landfill

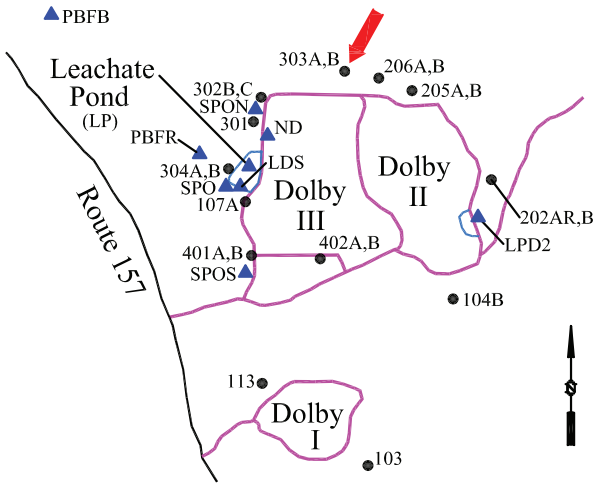
302C

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the northwest of the Dolby II Landfill.

Screen Interval:	**32.6 ft. to 42.6 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-85**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		622	584	827	556	to 2650	1200	± 63	60
Dissolved Oxygen (mg/L)		1.2	0.5	1.3	0.1	to 4.9	0.77	± 0.11	59
Total Dissolved Solids (mg/L)		400	340	510	300	to 1537	670	± 37	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	to 0.022	0.0065	± 0.000	58
Calcium (mg/L)		48.6	51.2	72	37.2	to 180	90	± 5.1	54
Manganese (mg/L)		**7.47**	**7.21**	**11.3**	5.11	to 21	11	± 0.42	60
pH (STU)		6.9	6.5	6.8	6	to 7	6.5	± 0.024	60
Alkalinity (CaCO3) (mg/L)		400	360	520	200	to 1470	650	± 36	60
Ca-mg Hardness (CaCO3) (mg/L)		318	328	462	221	to 1274.3	590	± 36	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		400	360	520	180	to 1470	620	± 34	60
Sodium (mg/L)		10.9	10.4	13.5	7.6	to 54.3	23	± 1.6	60
Chloride (mg/L)		↓4.2	↓5	17	5.3	to 83.9	24	± 2.4	60
Iron (mg/L)		0.1 U	0.1 U	0.1 U	0.013	to 2.3	0.34	± 0.047	60
Magnesium (mg/L)		47.6	48.6	68.6	31.2	to 190	80	± 5.2	54
Potassium (mg/L)		30.5	30.5	37	23	to 71	40	± 1.6	60
Sulfate (mg/L)		↓9	10	↓9.9	10	to 41	15	± 0.55	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	to 7	2.7	± 0.22	60
Turbidity (field) (NTU)		0.2	0.2	0.3	0	to 2	0.53	± 0.049	59
Ammonia (N) (mg/L)		5.6	5.7	7.4	4.4	to 24	8.5	± 0.49	60
Nitrate (N) (mg/L)		2.3	0.96	0.05 U	0.05 U	to 8	1.9	± 0.23	60
Organic Carbon (mg/L)		4.9	4.8	7.7	2.9	to 158.5	12	± 2.6	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

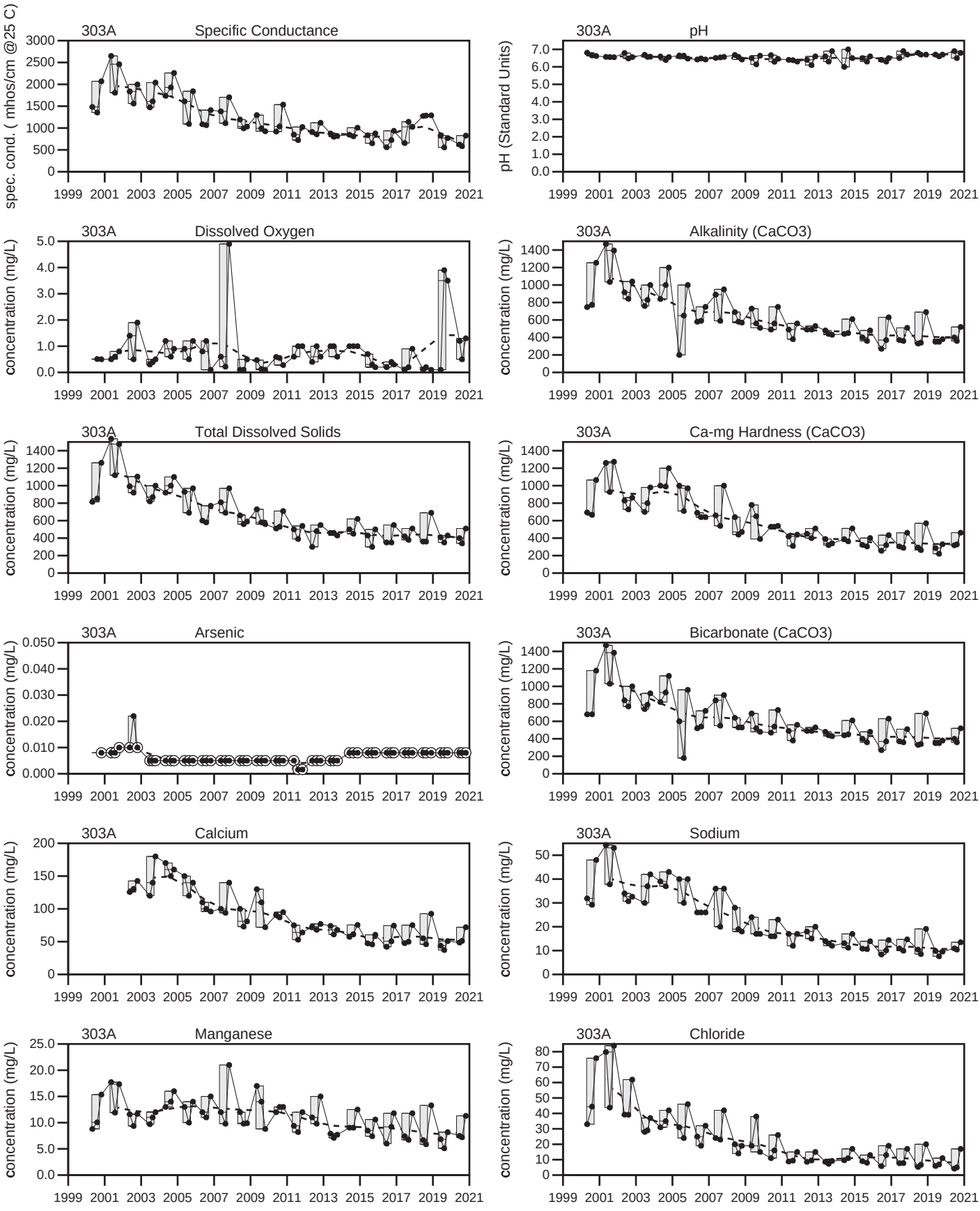
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



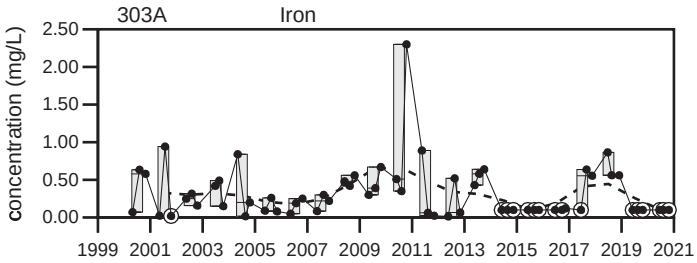
LEGEND

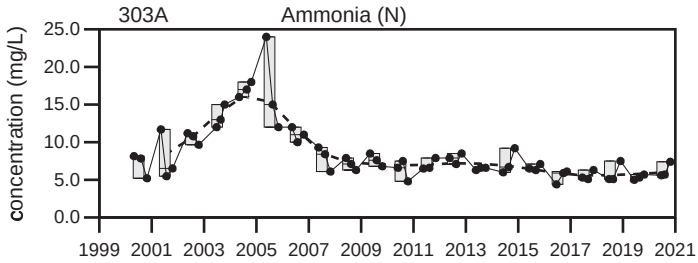
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

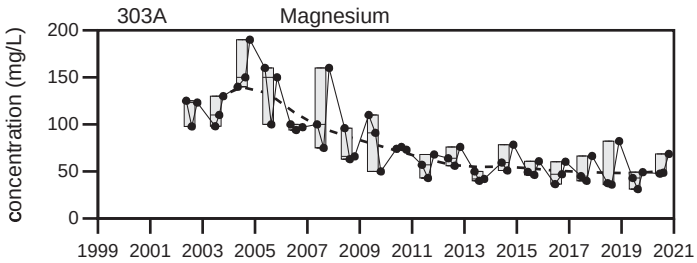
Dolby Landfill

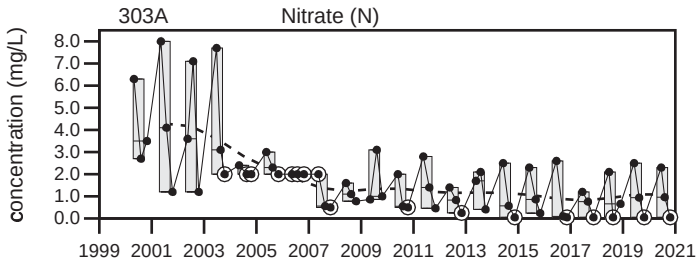
303A

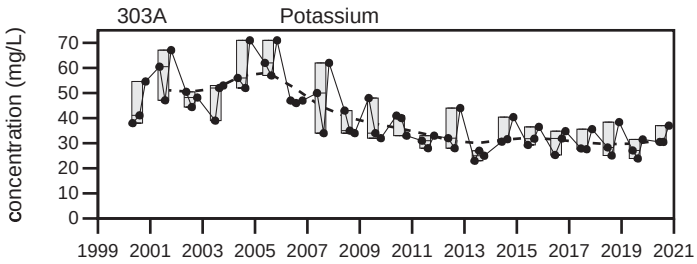
Sevee & Maher Engineers, Inc.

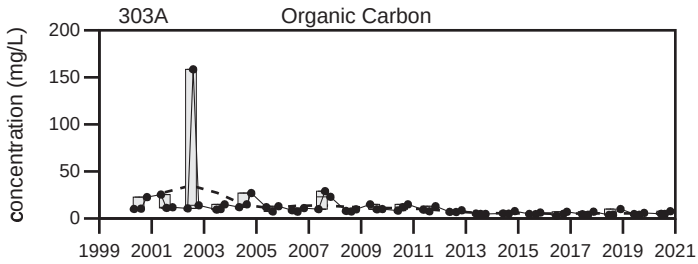


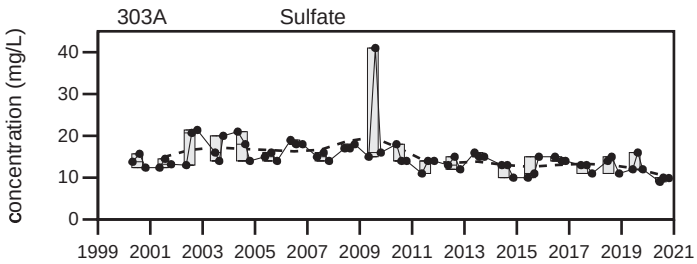


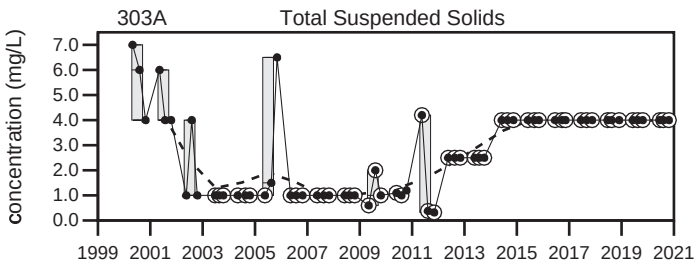


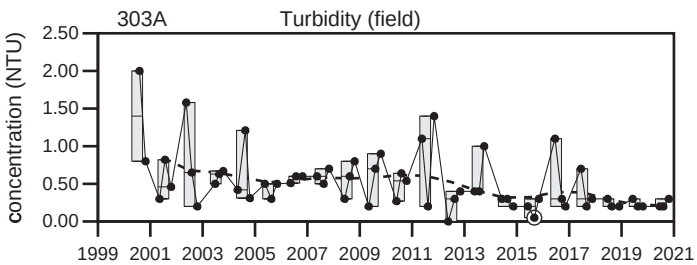












LEGEND

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

Dolby Landfill

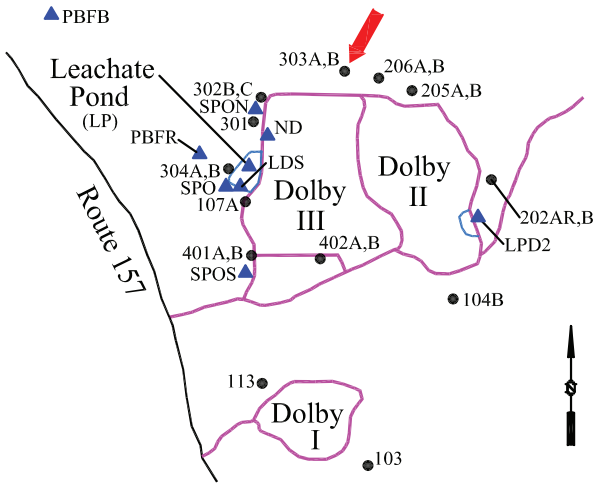
303A

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the northwest of the Dolby II Landfill.

Screen Interval:	**13.3 ft. to 23.3 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-85**
Material Screened:	**Glacial Till**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		455	562	933	383	to 2630	1100	± 71	60
Dissolved Oxygen (mg/L)		0.9	0.7	1.6	0.1	to 4.2	0.91	± 0.1	59
Total Dissolved Solids (mg/L)		280	290	570	100	to 1605	580	± 43	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	to 0.021	0.0065	± 0.000	58
Calcium (mg/L)		33.2	46.4	81.4	24.6	to 150	66	± 4.5	54
Manganese (mg/L)		**4.61**	**6.64**	**11.1**	4.07	to 28.06	9.6	± 0.58	60
pH (STU)		6.6	6.3	6.5	5.9	to 6.8	6.5	± 0.023	60
Alkalinity (CaCO3) (mg/L)		260	320	580	170	to 1545.3	550	± 42	60
Ca-mg Hardness (CaCO3) (mg/L)		205	301	508	157	to 1392.2	500	± 40	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		260	320	580	170	to 1514	530	± 39	60
Sodium (mg/L)		6.49	8.2	17.2	4.96	to 59.8	20	± 1.7	60
Chloride (mg/L)		↓2.8	7.6	16	3	to 86.1	21	± 2.5	60
Iron (mg/L)		0.1 U	0.1 U	0.1 U	0.0039	to 0.182	0.047	± 0.006	60
Magnesium (mg/L)		29.7	44.9	73.9	10 U	to 190	70	± 6.1	54
Potassium (mg/L)		22.2	29.8	38.8	17.5	to 69.3	34	± 1.7	60
Sulfate (mg/L)		9.7	10	6.5	6.2	to 35	12	± 0.52	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	to 35	3	± 0.58	60
Turbidity (field) (NTU)		0.2	0.2	0.2	0	to 1.1	0.36	± 0.026	59
Ammonia (N) (mg/L)		4.6	5.5	6.2	0.21	to 20 U	6.3	± 0.45	60
Nitrate (N) (mg/L)		2.9	0.62	3.1	0.16	to 13	3.3	± 0.35	60
Organic Carbon (mg/L)		3.4	4.9	9.7	1 U	to 37	9.7	± 0.93	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

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

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 179
Printed: 3/30/2021 09:23

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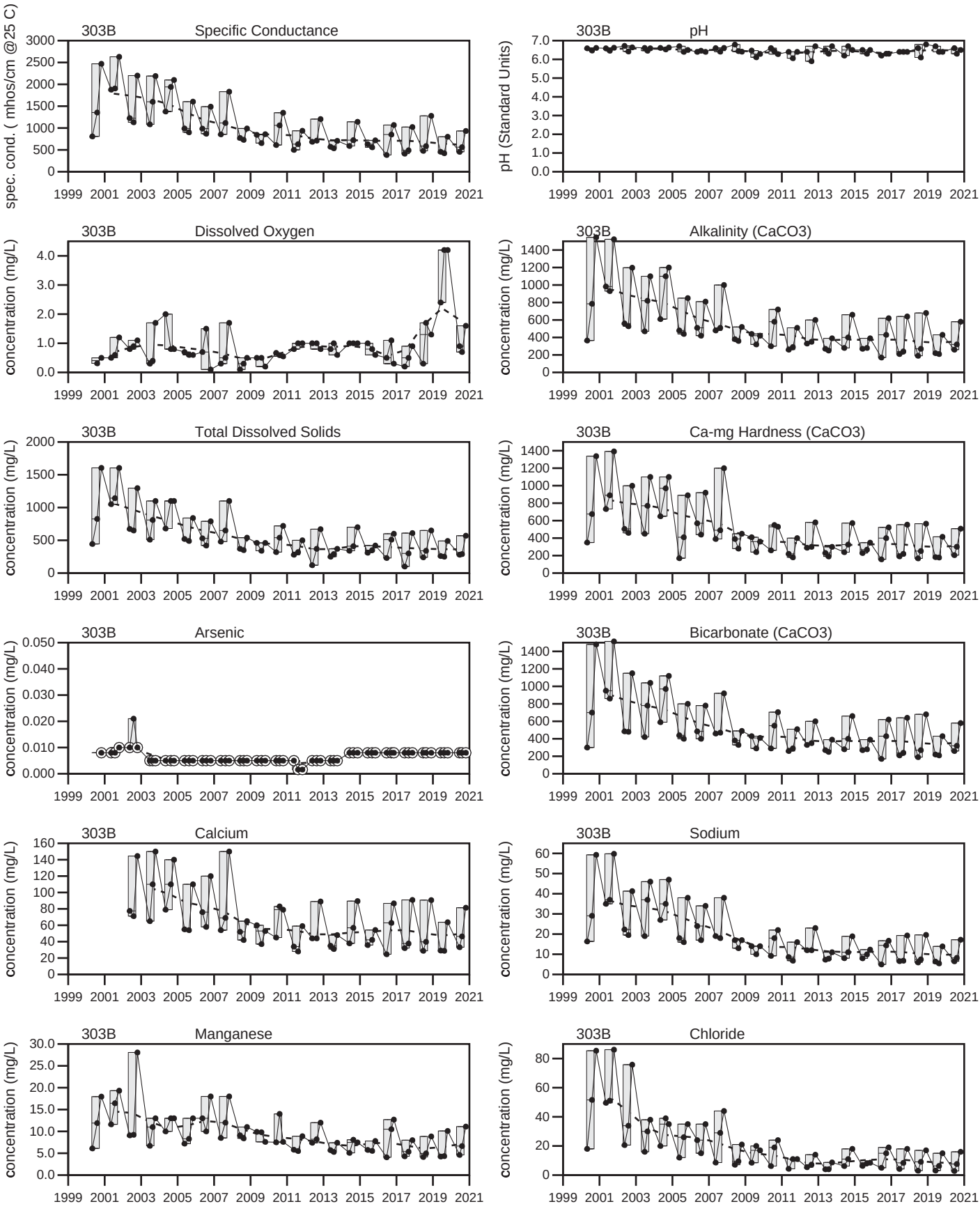


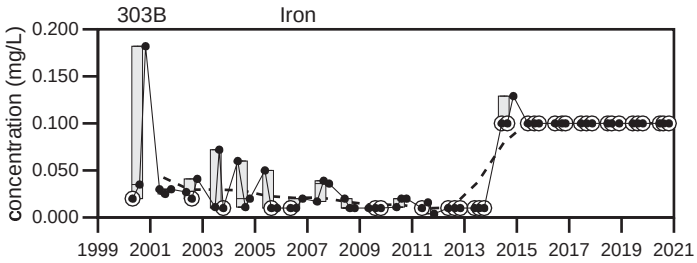
LEGEND

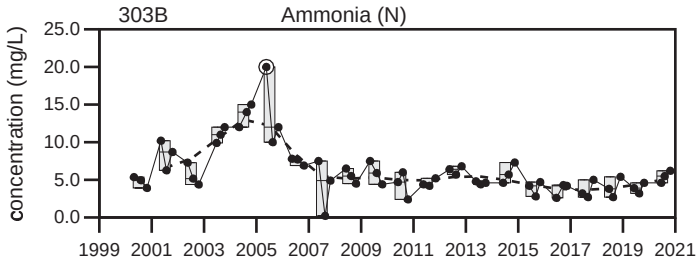
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

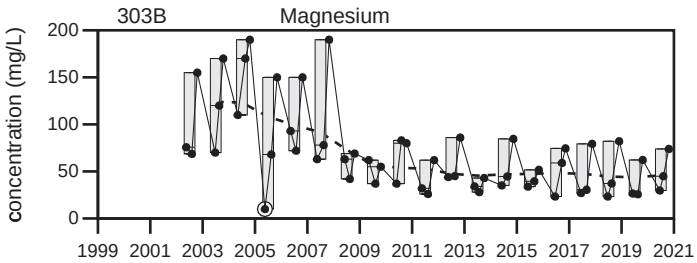
Dolby Landfill

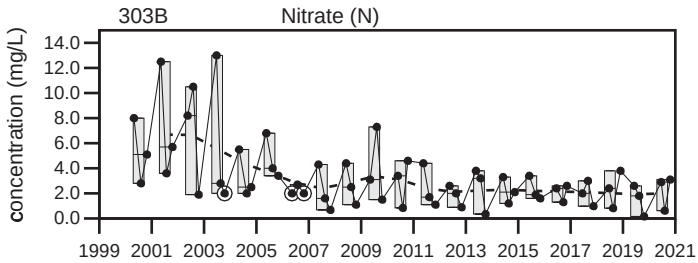
303B

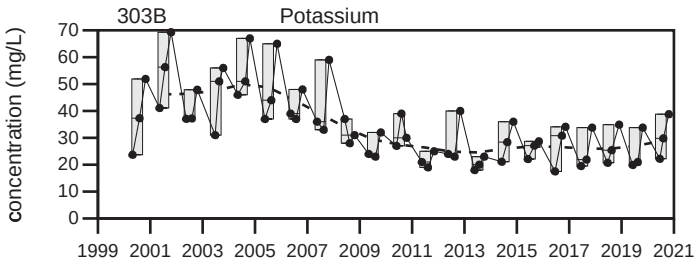
Sevee & Maher Engineers, Inc.

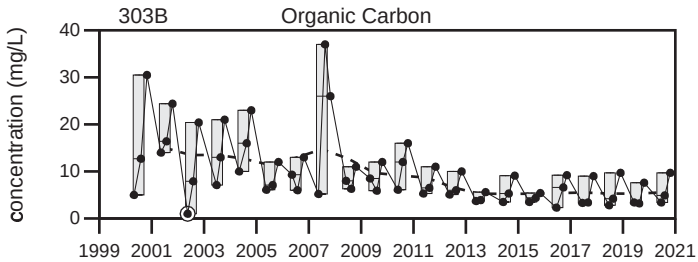


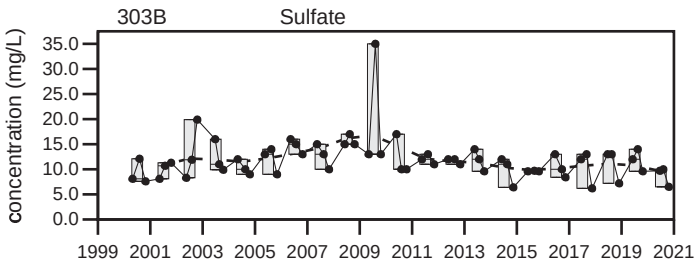


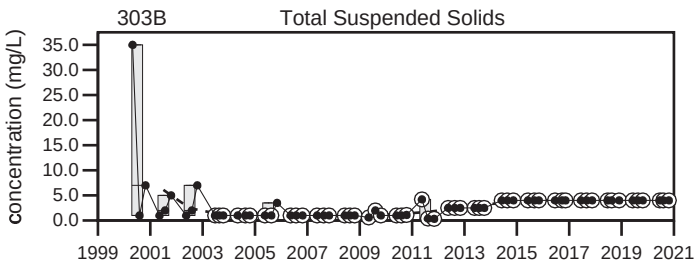


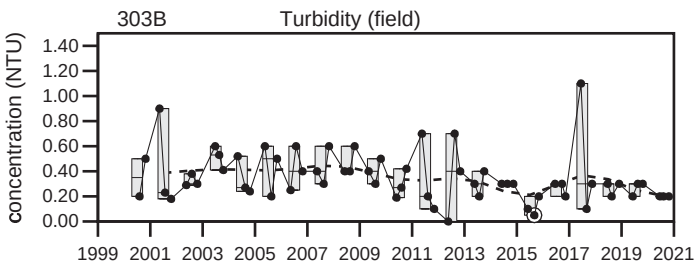


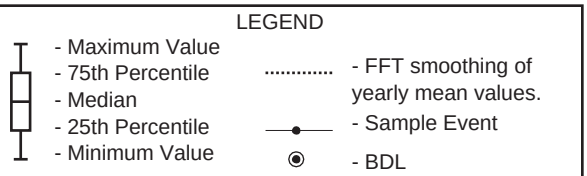












Dolby Landfill

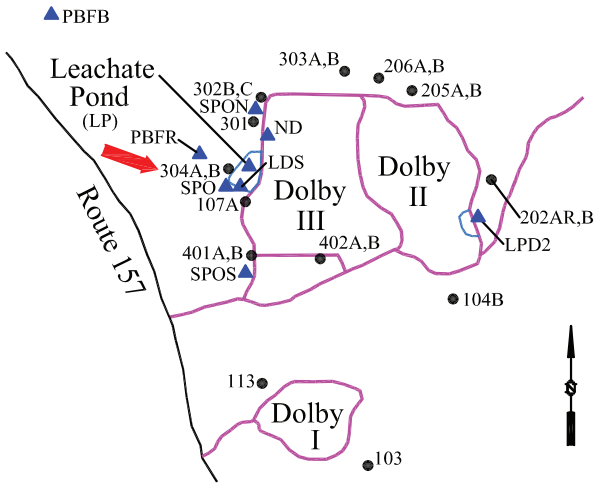
303B

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the west of the landfill.

Screen Interval:	**Unknown TOS to 21.5 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Sep-85**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		↓211	↓212	282	231	to 473	330	± 8.7	60
Dissolved Oxygen (mg/L)		0.7	1	1.7	0.2	to 8.5	1.6	± 0.19	59
Total Dissolved Solids (mg/L)		140	120	170	110	to 320	190	± 6	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	to 0.01 U	0.0063	± 0.000	58
Calcium (mg/L)		31.5	33.5	40	28	to 93	47	± 2.3	54
Manganese (mg/L)		0.0081	0.0175	0.0175	0.005 U	to 0.24	0.032	± 0.006	60
pH (STU)		6.9	7.5	7.5	6.6	to 8.8	7.6	± 0.052	60
Alkalinity (CaCO3) (mg/L)		130	120	130	110	to 220	160	± 4.3	60
Ca-mg Hardness (CaCO3) (mg/L)		106	113	129	70.3	to 270	150	± 6	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		130	120	130	110	to 205	150	± 3.6	60
Sodium (mg/L)		11.4	11.4	13.4	7	to 18	12	± 0.32	60
Chloride (mg/L)		2.1	2.1	4.5	2 U	to 18	7.6	± 0.5	60
Iron (mg/L)		0.1 U	0.1 U	0.1 U	0.0054	to 2.1	0.11	± 0.038	60
Magnesium (mg/L)		6.55	7.12	7.07	5	to 13	8.2	± 0.23	54
Potassium (mg/L)		1 U	1 U	1.35	0.89	to 2.4	1.4	± 0.046	60
Sulfate (mg/L)		11	11	9.4	5.6	to 19.5	13	± 0.32	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	to 23	3	± 0.44	60
Turbidity (field) (NTU)		0.5	0.6	0.9	0	to 38	1.4	± 0.64	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U	to 0.5 U	0.16	± 0.009	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	to 2 U	0.72	± 0.095	60
Organic Carbon (mg/L)		1 U	1 U	1 U	0.58	to 7.6	1.3	± 0.12	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

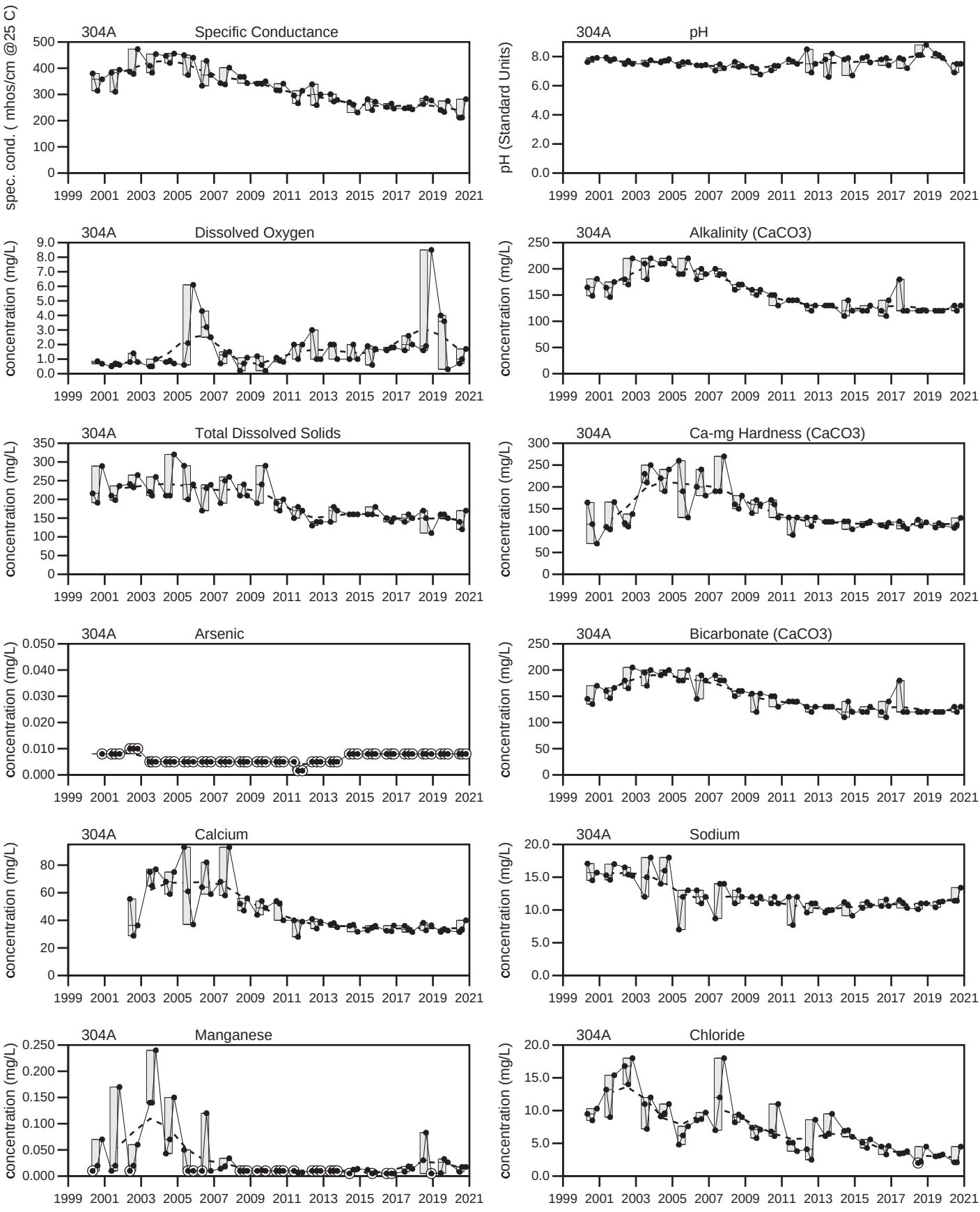
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



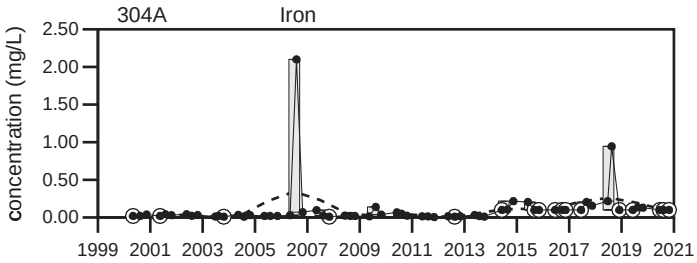
LEGEND

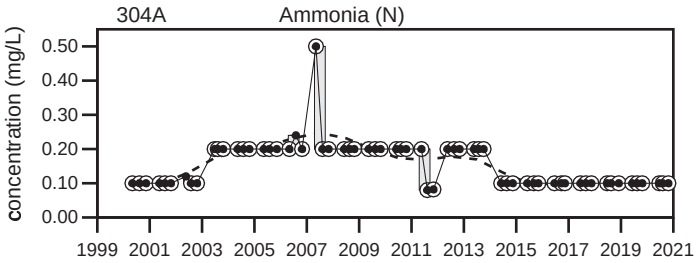
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

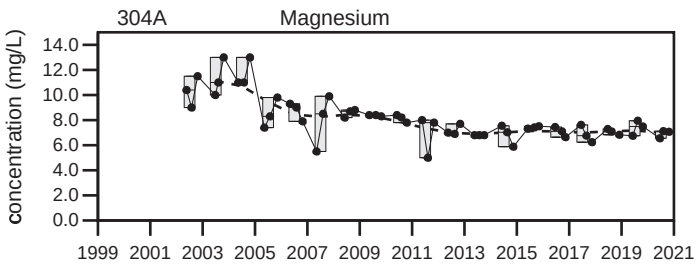
Dolby Landfill

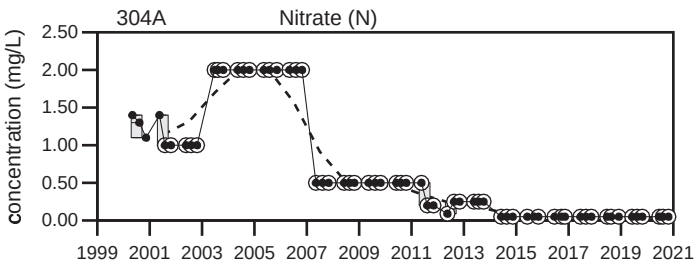
304A

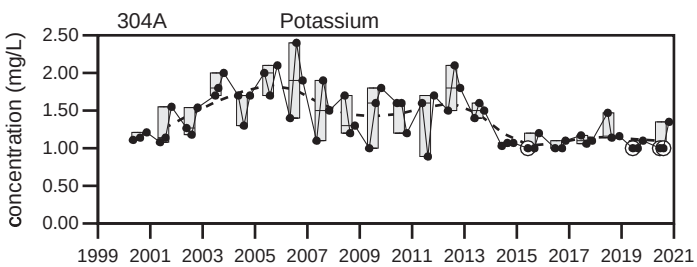
Sevee & Maher Engineers, Inc.

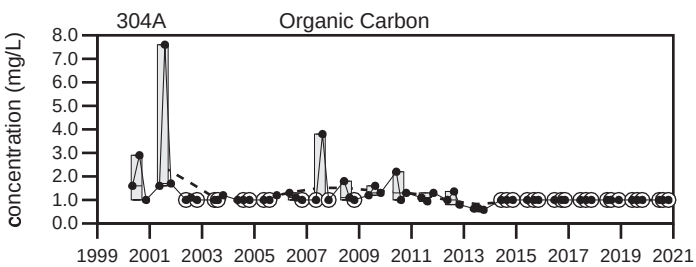


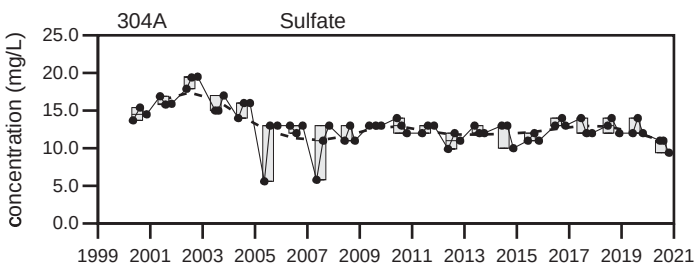


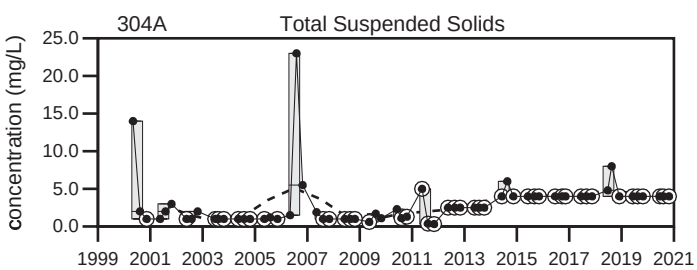


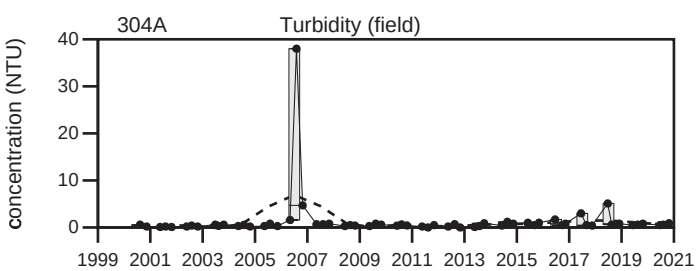


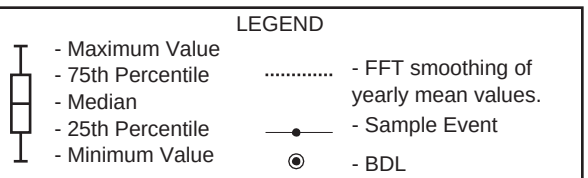












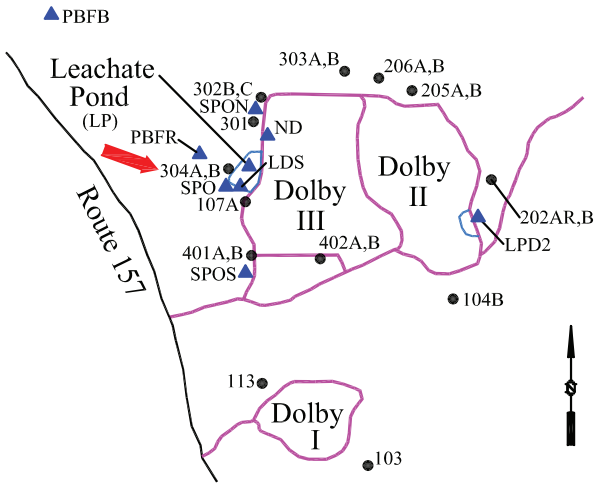
Dolby Landfill

304A

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the west of the landfill.



Screen Interval:	**Unknown TOS to 8.6 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Sep-85**
Material Screened:	**Glacial Till**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Intiated Aug. 2000)**

Chemical Summary

	2020				Historical (1/1/2000 - 12/31/2020)		
Indicator Parameters	Q1	Q2	Q3	Q4	Min to Max	Mean ± SE	n
Specific Conductance (µmhos/cm @25°C)		103	116	↓41	44 to 341	160 ± 10	59
Dissolved Oxygen (mg/L)		6.5	4.6	2.7	1.3 to 13.5	5.1 ± 0.27	58
Total Dissolved Solids (mg/L)		84	39	68	13 to 204	99 ± 5.8	59
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U to 0.01 U	0.0062 ± 0.000	57
Calcium (mg/L)		13.6	16.6	7.68	6.34 to 43	18 ± 1.3	54
Manganese (mg/L)		0.0709	↑**0.315**	0.11	0.005 U to 0.169	0.028 ± 0.004	59
pH (STU)		6.7	6.6	6.9	5.46 to 8	6.6 ± 0.06	59
Alkalinity (CaCO3) (mg/L)		62	58	34	24 to 122	54 ± 3.1	59
Ca-mg Hardness (CaCO3) (mg/L)		40.1	50.7	22.6	18.2 to 130	54 ± 3.6	59
Bicarbonate Alkalinity (CaCO3) (mg/L)		62	58	34	22 to 120	53 ± 3	59
Sodium (mg/L)		9.37	11	3.15	1.89 to 21	9.7 ± 0.48	59
Chloride (mg/L)		4.1	5.2	2.9	1.4 to 63.7	14 ± 1.6	59
Iron (mg/L)		0.226	↑2.48	0.777	0.01 U to 0.952	0.14 ± 0.023	59
Magnesium (mg/L)		1.5	2.26	0.833	0.584 to 5	2.1 ± 0.15	54
Potassium (mg/L)		1 U	1.11	1 U	0.44 to 1.9	1 ± 0.023	59
Sulfate (mg/L)		3.6	3.6	3.2	1 U to 20.7	6.1 ± 0.48	58
Total Suspended Solids (mg/L)		6	66	6.8	0.32 U to 86	6.3 ± 1.8	59
Turbidity (field) (NTU)		0.4	0.2	0.5	0 to 17.5	1.4 ± 0.34	58
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U to 0.67	0.17 ± 0.012	59
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U to 2 U	0.7 ± 0.095	59
Organic Carbon (mg/L)		1 U	1 U	2.6	0.69 to 5	1.2 ± 0.077	59

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

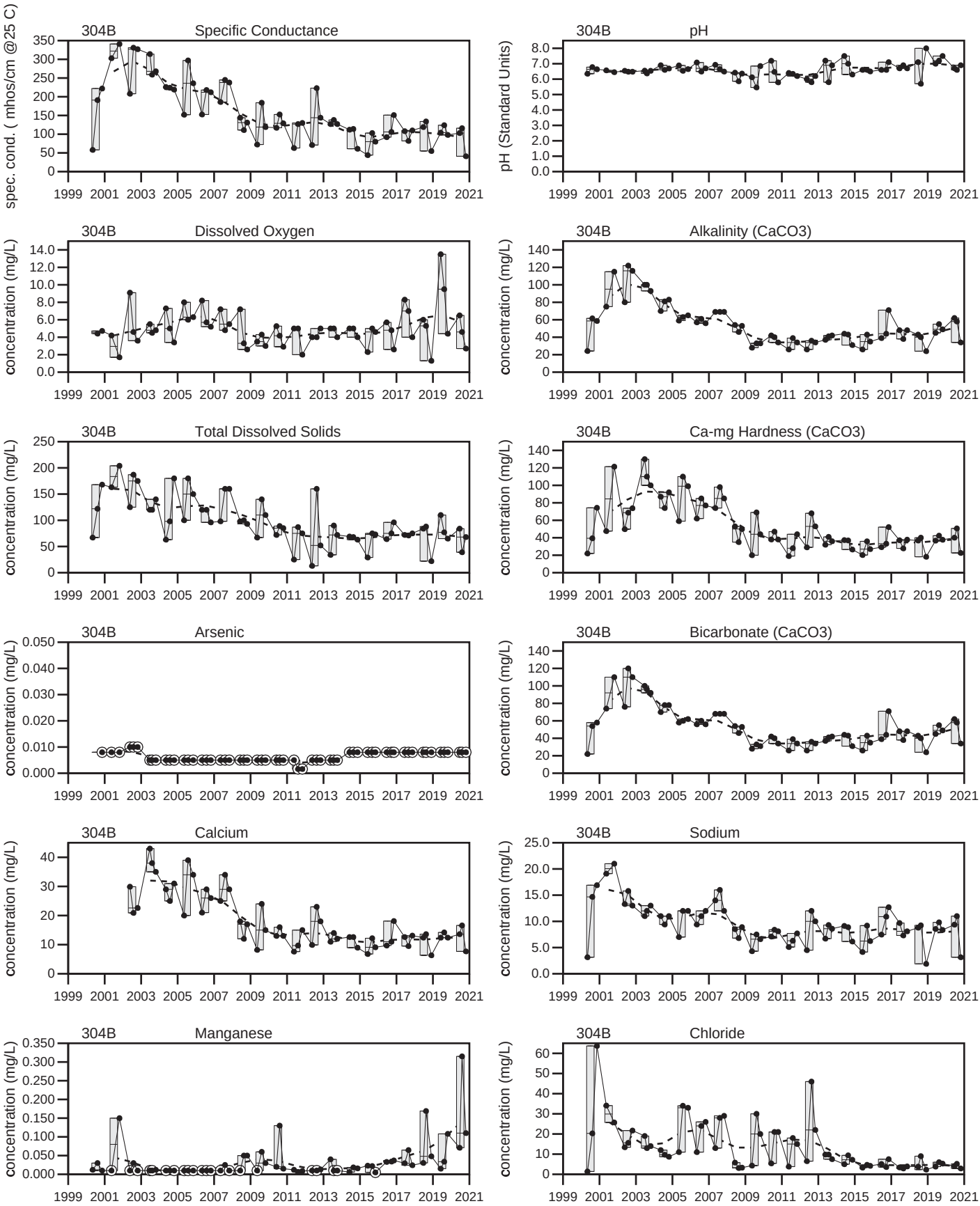
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



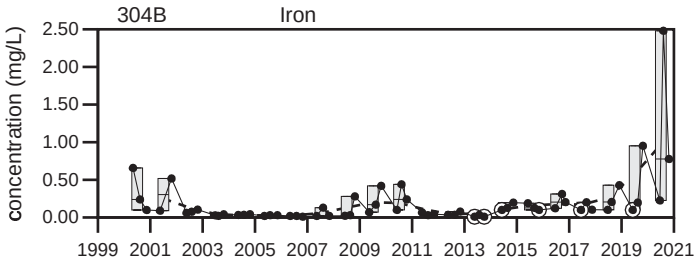
LEGEND

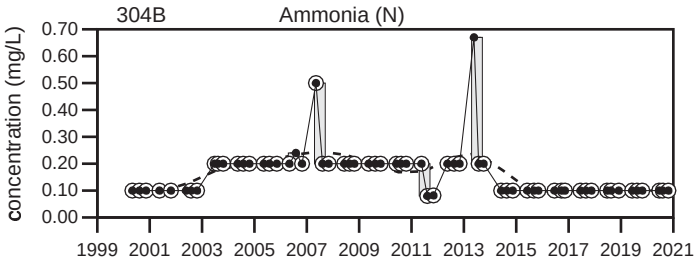
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

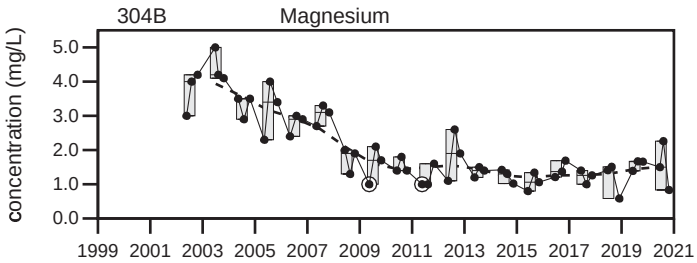
Dolby Landfill

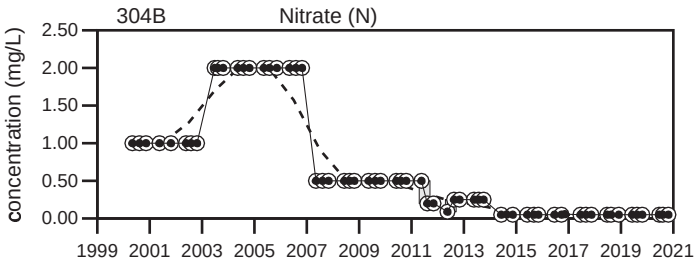
304B

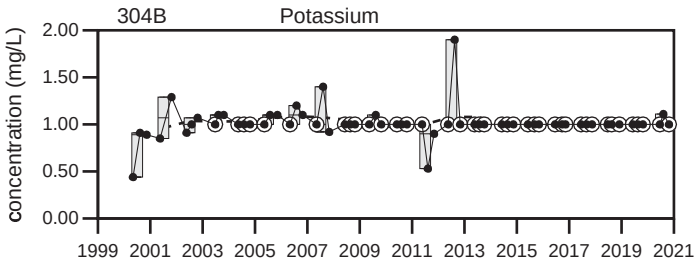
Sevee & Maher Engineers, Inc.

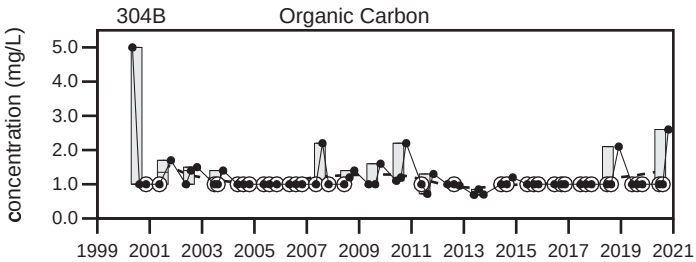


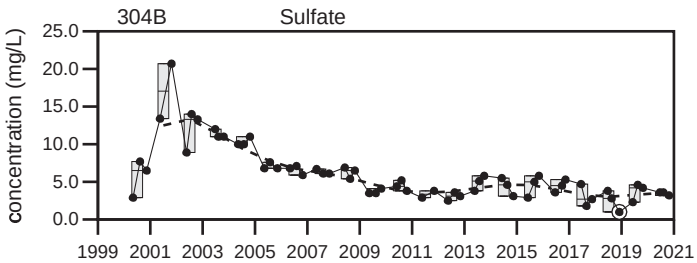


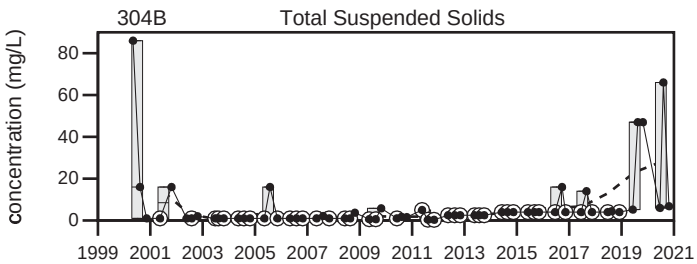


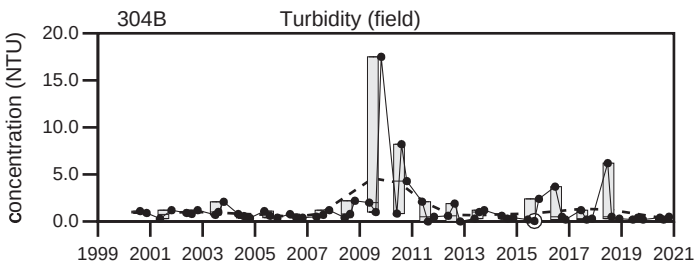


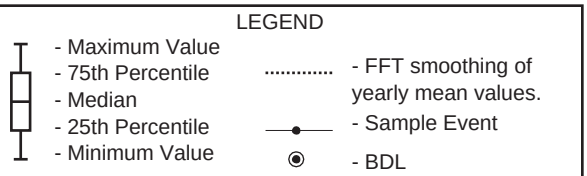












Dolby Landfill

304B

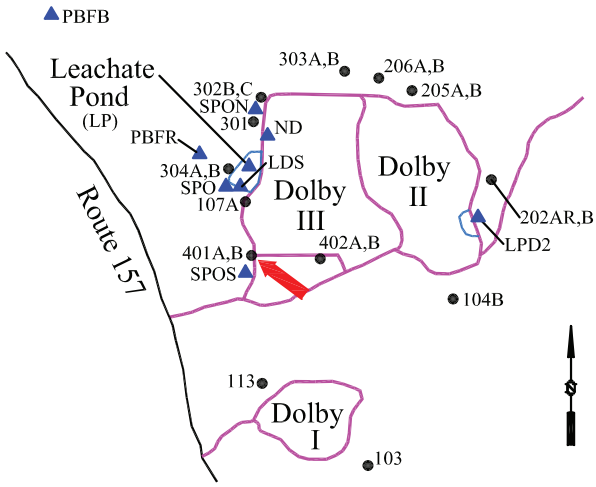
Sevee & Maher Engineers, Inc.

401A

Well Description

Well located downgradient to the southwest of the landfill.

Screen Interval: **30.5 ft. to 40.5 ft.**
Sampled: **3 times annually**
Sampled Since: **Jun-90**
Material Screened: **Bedrock**
Well Condition: **Good**
Sampling Method: **Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		247	246	253	182	370	250	4.5	60
Dissolved Oxygen (mg/L)		4.1	5.5	2.6	0.67	10.9	4.2	0.27	59
Total Dissolved Solids (mg/L)		160	120	180	2	200	140	4.1	60
Arsenic (mg/L)		**0.138**	**0.152**	**0.15**	0.08	0.29	0.17	0.005	58
Calcium (mg/L)		36.2	38.6	40.7	14.9	42	32	0.76	54
Manganese (mg/L)		0.005 U	0.005 U	0.005 U	0.0002	0.08	0.01	0.001	60
pH (STU)		8	7.4	7.9	6.4	8.2	7.7	0.04	60
Alkalinity (CaCO3) (mg/L)		↑120	110	110	12	110	95	1.7	60
Ca-mg Hardness (CaCO3) (mg/L)		120	130	↑135	49.8	130	100	2.7	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		↑120	110	110	12	110	94	1.7	60
Sodium (mg/L)		10.7	11.3	11.3	6.6	12	9.6	0.14	60
Chloride (mg/L)		8.9	9.6	8.8	2.8	14	7.7	0.36	60
Iron (mg/L)		0.1 U	0.1 U	0.1 U	0.01 U	0.359	0.062	0.01	60
Magnesium (mg/L)		7.21	↑8.08	↑8.18	4.2	7.61	6.3	0.11	54
Potassium (mg/L)		1.7	1.82	1.86	1.1	2.4	1.7	0.036	60
Sulfate (mg/L)		22	22	↑41	5.4	28	17	0.77	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	15	2.7	0.31	60
Turbidity (field) (NTU)		0.6	0.5	0.8	0.2	5	0.79	0.099	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U	0.5 U	0.16	0.009	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	2 U	0.71	0.093	60
Organic Carbon (mg/L)		1 U	1 U	1 U	0.53	12	1.3	0.19	60

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

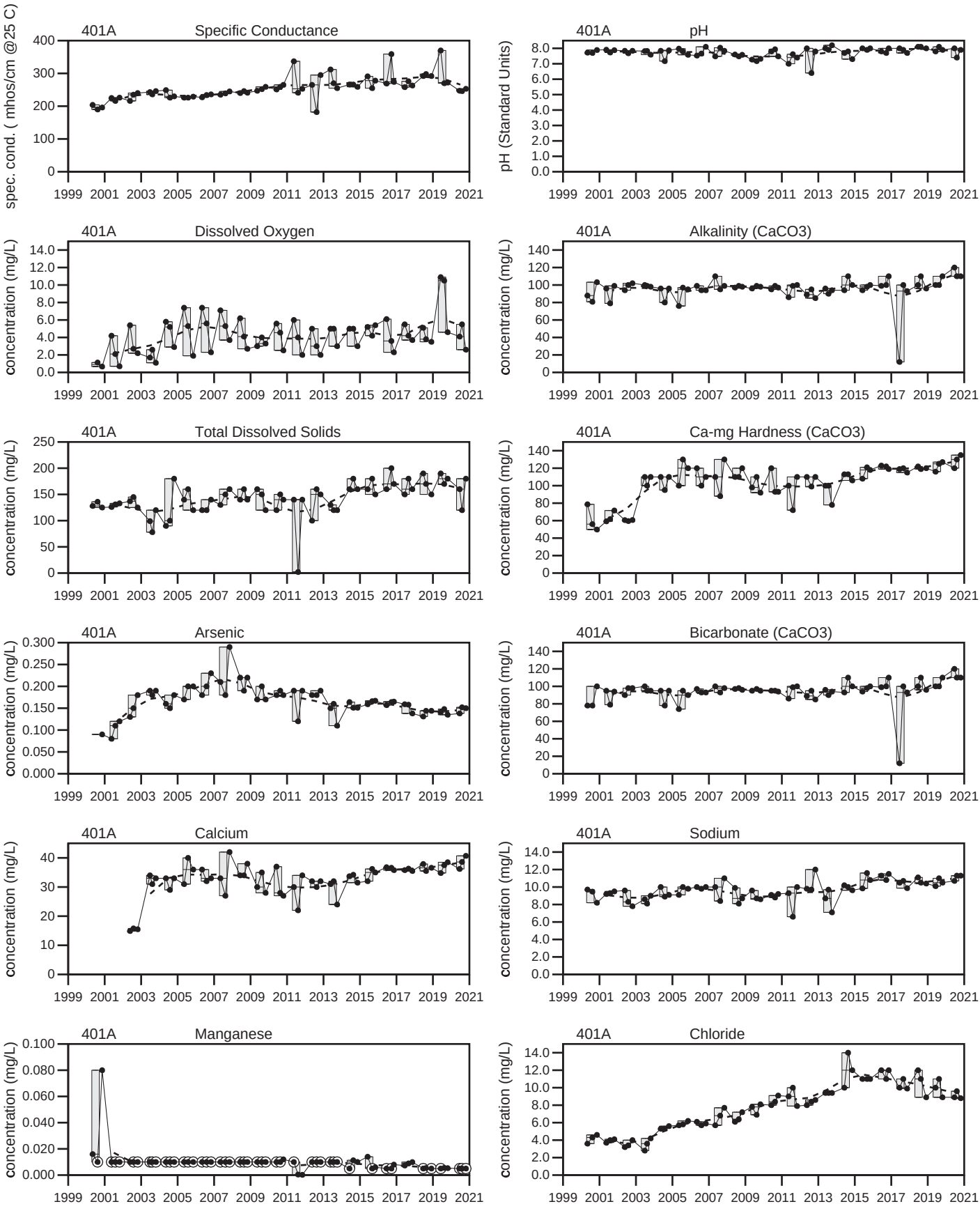
Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

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

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.
Q3= 8 - 2020
Q4= 10 - 2020

Data Group: 179
Printed: 3/30/2021 09:23



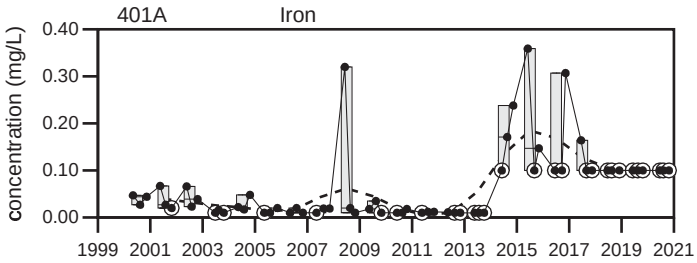
LEGEND

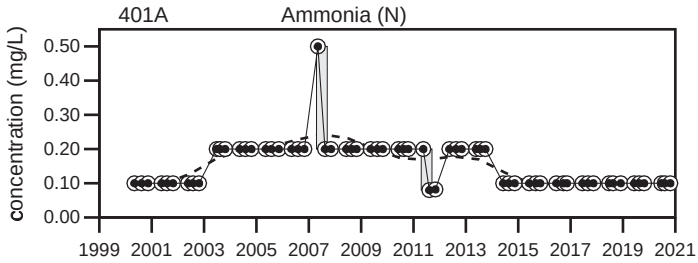
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

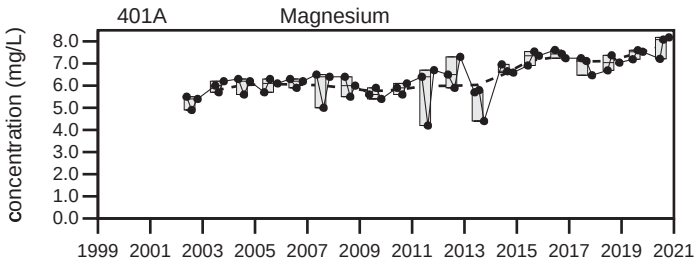
Dolby Landfill

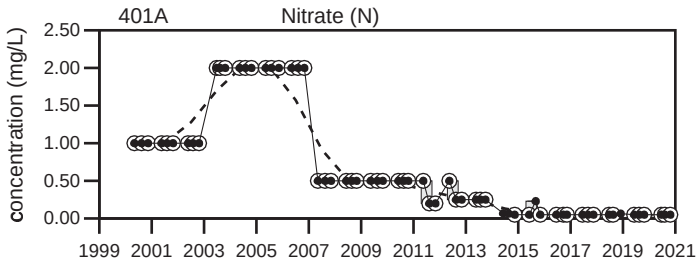
401A

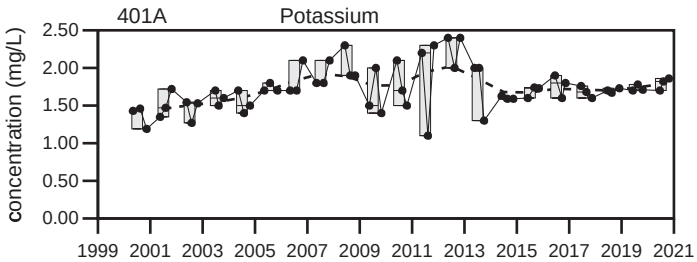
Sevee & Maher Engineers, Inc.

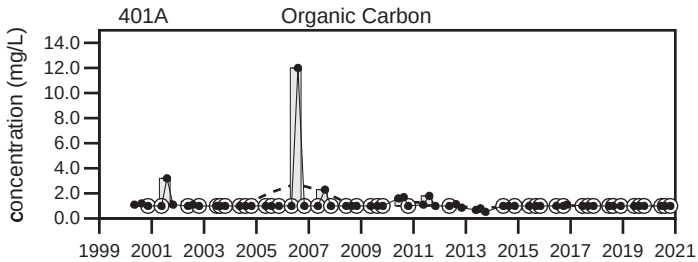


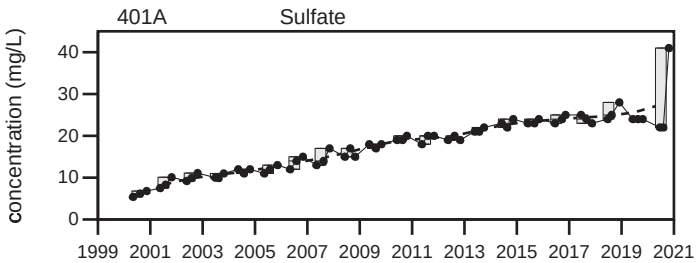


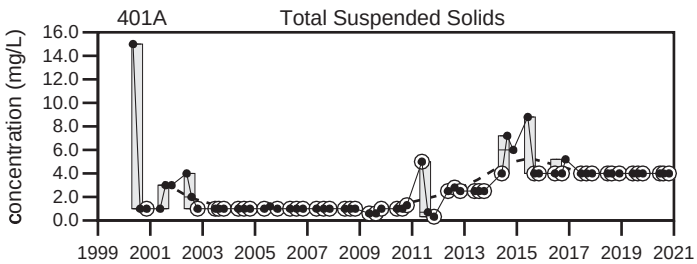


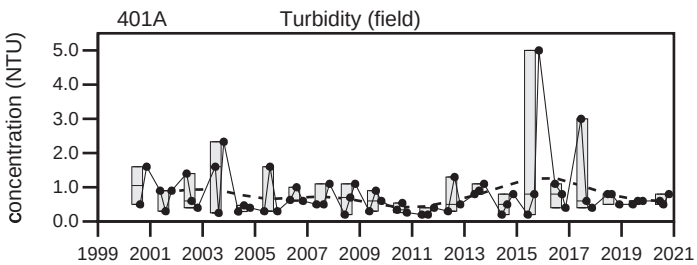


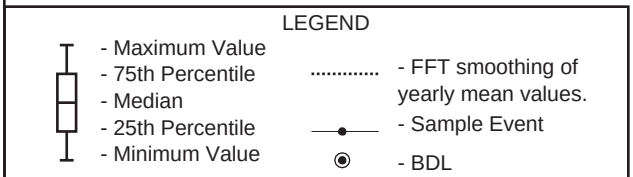












Dolby Landfill

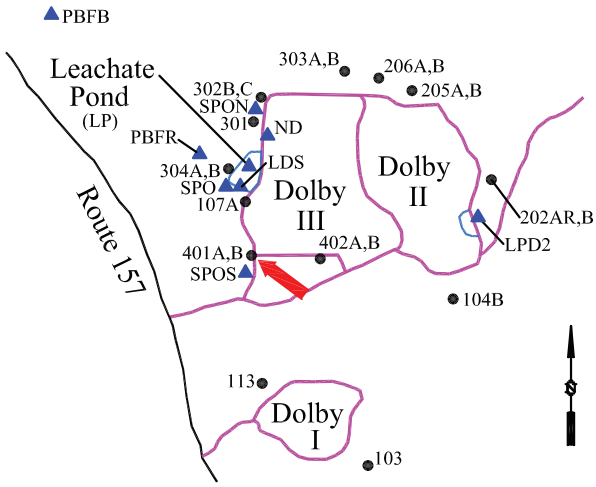
401A

Sevee & Maher Engineers, Inc.

Well Description

Well located downgradient to the southwest of the landfill.

Screen Interval:	**12.5 ft. to 22.5 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-90**
Material Screened:	**Glacial Till**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		355	358	357	291	to 438	370	± 3.4	60
Dissolved Oxygen (mg/L)		2.4	0.7	0.8	0.1	to 5.6	0.84	± 0.12	59
Total Dissolved Solids (mg/L)		220	200	240	150	to 352	220	± 4	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	to 0.015	0.0064	± 0.000	58
Calcium (mg/L)		64.8	67.4	69.3	23.6	to 70	54	± 1.3	54
Manganese (mg/L)		0.23	0.279	↑**0.873**	0.01 U	to 0.606	0.29	± 0.019	60
pH (STU)		7.9	7.6	7.9	7	to 8.26	7.9	± 0.03	60
Alkalinity (CaCO3) (mg/L)		240	210	210	92.9	to 300	150	± 5.1	60
Ca-mg Hardness (CaCO3) (mg/L)		202	210	↑217	77.8	to 210	160	± 3.9	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		240	210	210	83	to 240	140	± 5	60
Sodium (mg/L)		14.7	14.1	15.4	10.8	to 17	14	± 0.17	60
Chloride (mg/L)		↓2.6	3.6	↓2.2	3.6	to 30.1	13	± 0.99	60
Iron (mg/L)		0.1 U	0.1 U	0.136	0.005	to 0.731	0.074	± 0.017	60
Magnesium (mg/L)		9.72	10	↑10.8	6.2	to 10.3	7.8	± 0.14	54
Potassium (mg/L)		1.96	1.92	2.23	1.34	to 3.8	2	± 0.056	60
Sulfate (mg/L)		↓12	↓11	↓11	14	to 35	27	± 0.76	60
Total Suspended Solids (mg/L)		4 U	4 U	4.4	0.32 U	to 30	3.4	± 0.68	60
Turbidity (field) (NTU)		0.8	0.3	0.7	0	to 20.3	1.5	± 0.43	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U	to 0.5 U	0.16	± 0.009	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	to 2 U	0.72	± 0.095	60
Organic Carbon (mg/L)		1 U	1 U	1 U	0.99	to 3.7	1.3	± 0.077	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

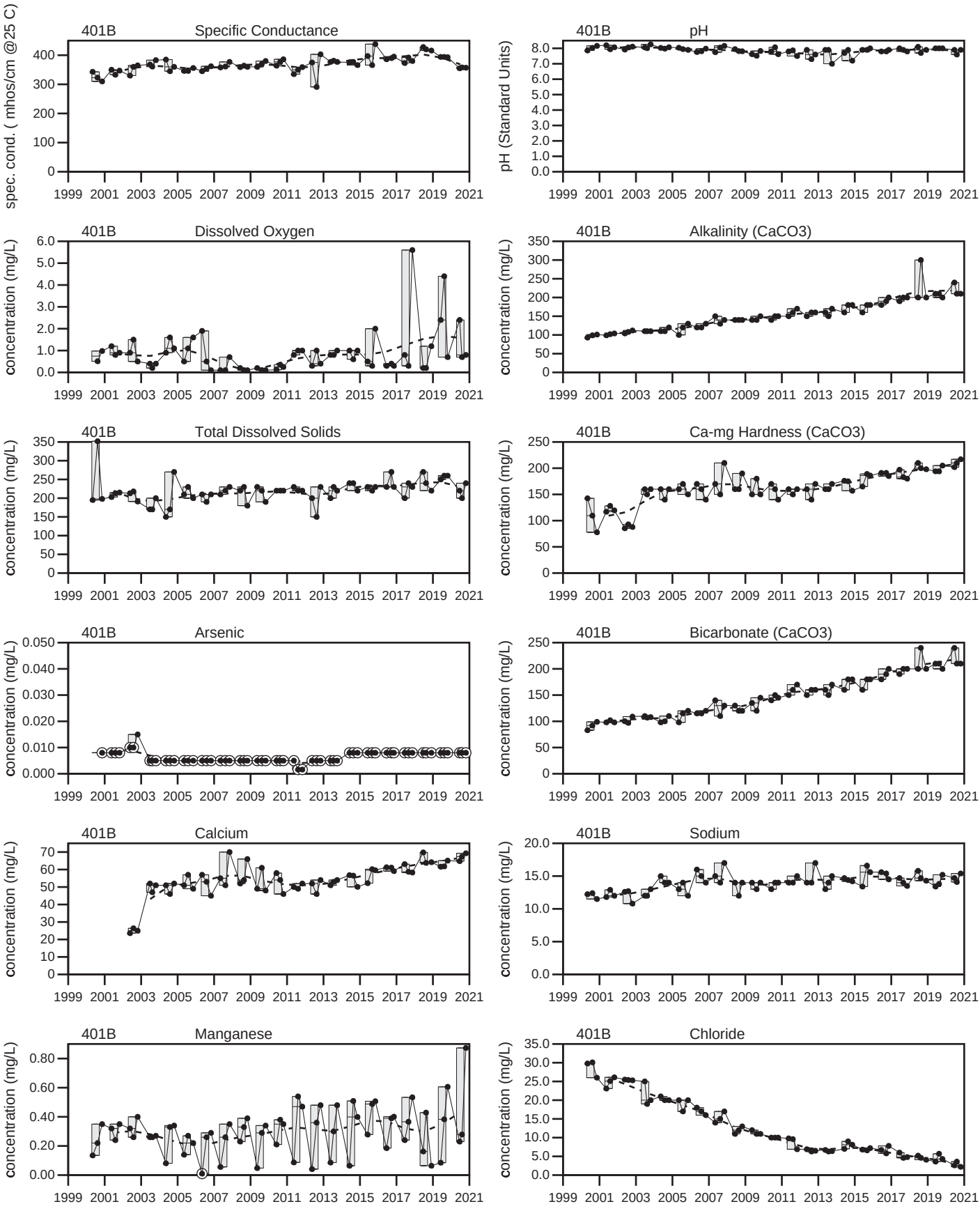
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



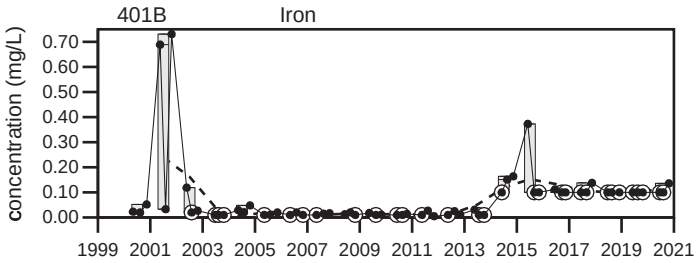
LEGEND

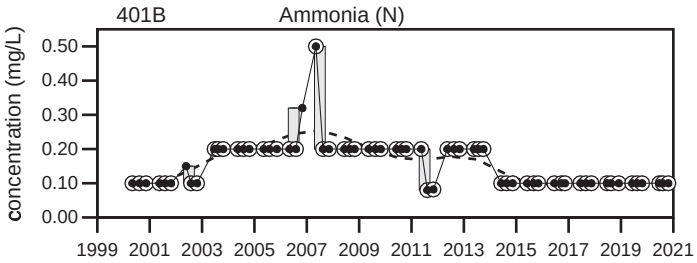
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

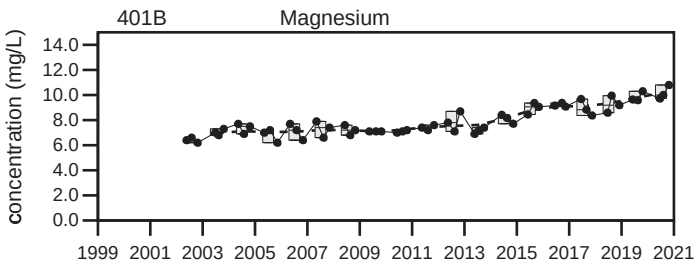
Dolby Landfill

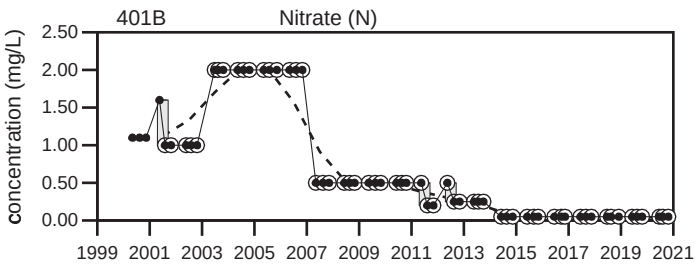
401B

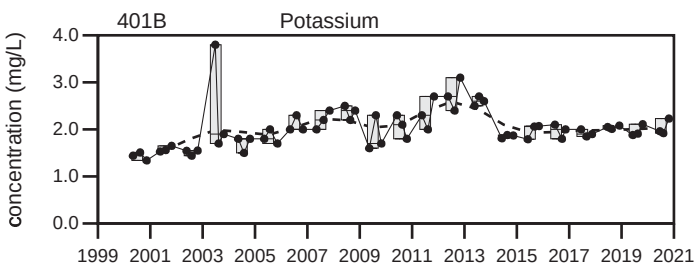
Sevee & Maher Engineers, Inc.

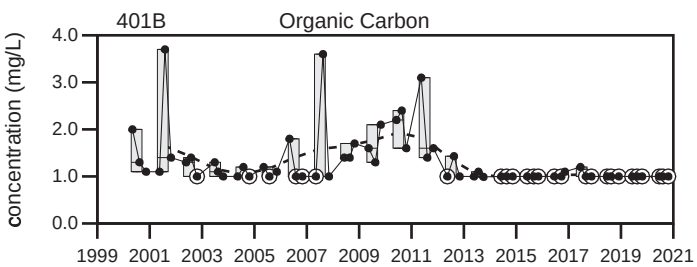


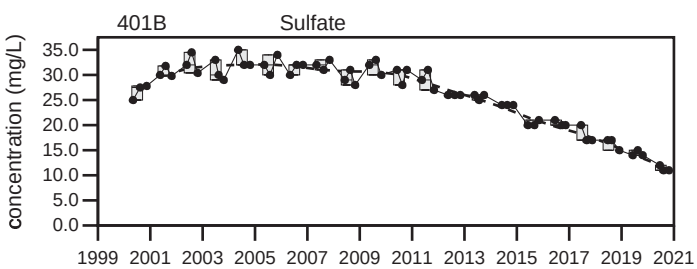


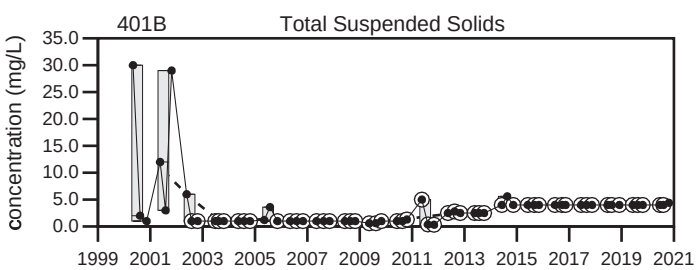


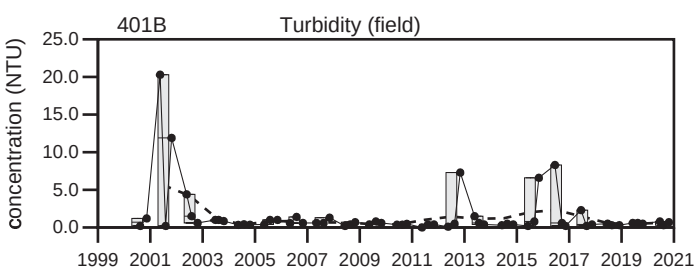


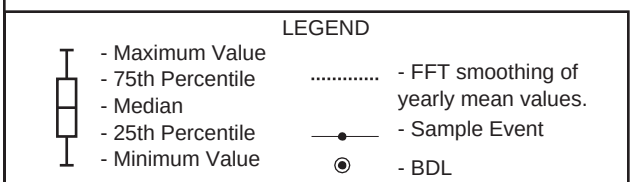












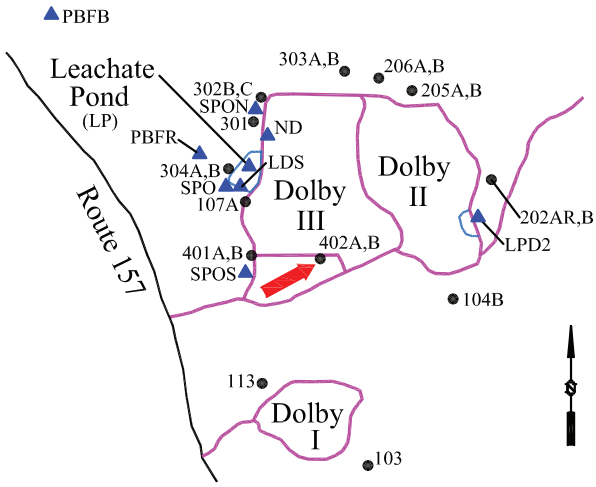
Dolby Landfill

401B

Sevee & Maher Engineers, Inc.

Well Description

Well located cross-gradient to south of the Dolby III Landfill.



Screen Interval:	**50.2 ft. to 60.2 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-90**
Material Screened:	**Bedrock**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Intiated Aug. 2000)**

Chemical Summary

	2020				Historical (1/1/2000 - 12/31/2020)			
Indicator Parameters	Q1	Q2	Q3	Q4	Min to Max	Mean ± SE	n
Specific Conductance (µmhos/cm @25°C)		333	346	375	194 to 439	290 ± 8.3	60
Dissolved Oxygen (mg/L)		4.3	3.2	3.8	0.1 to 6.8	1.5 ± 0.17	59
Total Dissolved Solids (mg/L)		200	180	250	81 to 650	170 ± 9.6	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0035 to 0.019	0.0066 ± 0.000	58
Calcium (mg/L)		49.6	↑57.7	↑55.5	14.3 to 51.9	36 ± 1.2	54
Manganese (mg/L)		0.166	0.178	0.186	0.04 to 0.32	0.13 ± 0.006	60
pH (STU)		8	7.3	7.9	7.1 to 8.3	7.8 ± 0.029	60
Alkalinity (CaCO3) (mg/L)		140	140	140	81 to 650	110 ± 9.3	60
Ca-mg Hardness (CaCO3) (mg/L)		177	↑206	↑203	57.4 to 184	120 ± 4.5	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		140	140	140	76 to 650	110 ± 9.4	60
Sodium (mg/L)		9.52	↑9.71	↑9.86	5.6 to 9.7	7.5 ± 0.14	60
Chloride (mg/L)		35	34	36	4.4 to 40	23 ± 1.4	60
Iron (mg/L)		0.124	0.139	0.137	0.02 U to 0.228	0.1 ± 0.005	60
Magnesium (mg/L)		13	↑15	↑15.8	5.6 to 14.4	9.6 ± 0.31	54
Potassium (mg/L)		1 U	1 U	1 U	0.53 to 1	0.93 ± 0.02	60
Sulfate (mg/L)		6.5	6.6	6.6	4.5 to 13	8.2 ± 0.18	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U to 5 U	2.2 ± 0.19	60
Turbidity (field) (NTU)		0.6	0.6	0.6	0 to 3.6	0.55 ± 0.071	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U to 0.5 U	0.16 ± 0.01	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.85	0.05 U to 2 U	0.72 ± 0.093	60
Organic Carbon (mg/L)		1.7	1.8	1.7	1 U to 3.2	1.3 ± 0.054	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

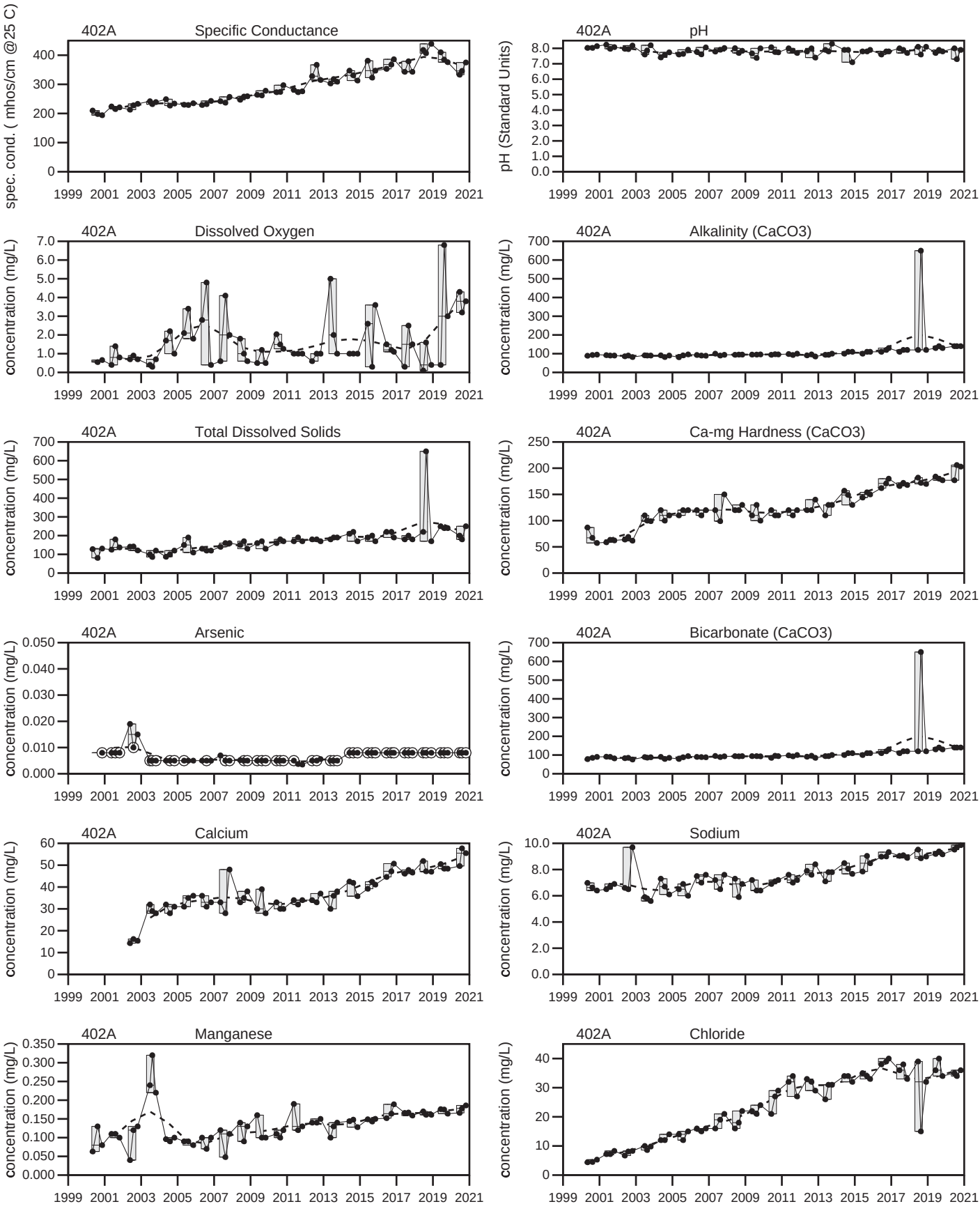
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



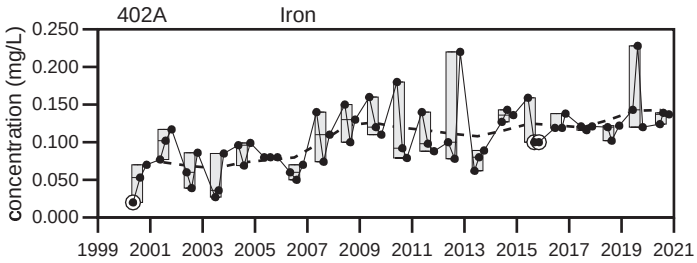
LEGEND

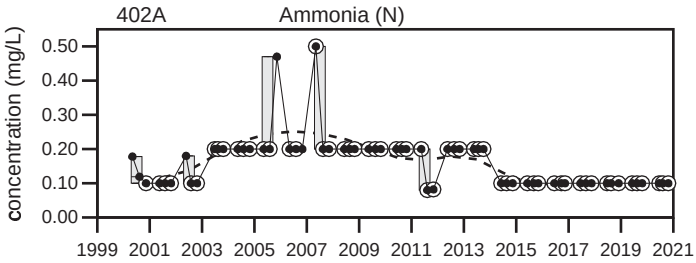
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

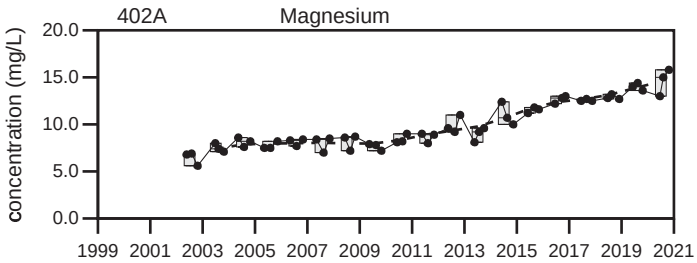
Dolby Landfill

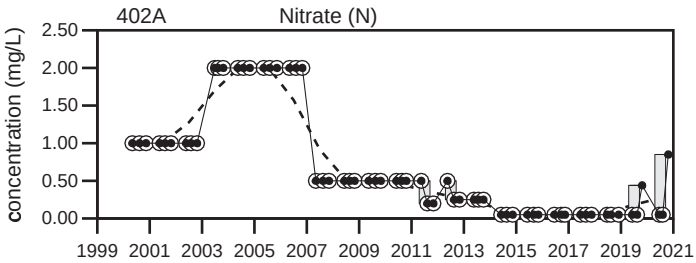
402A

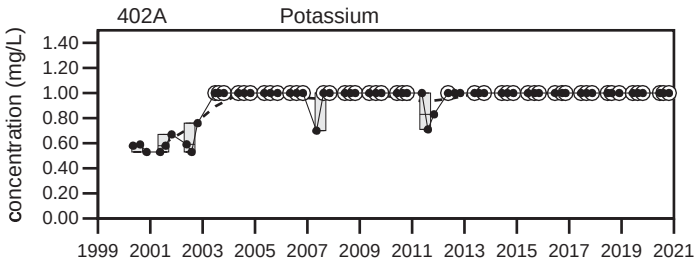
Sevee & Maher Engineers, Inc.

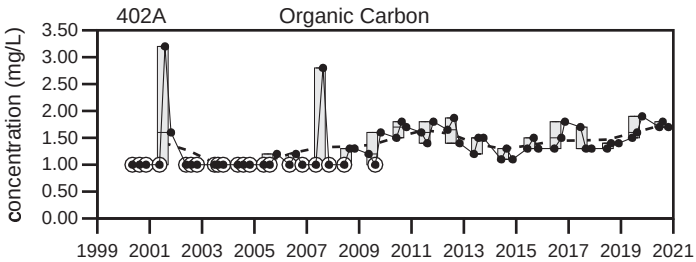


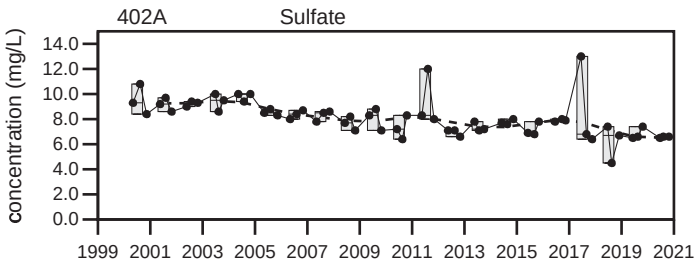


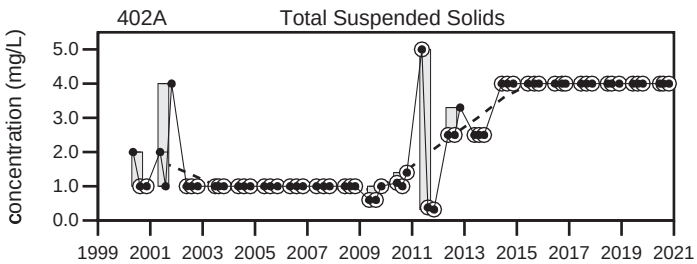


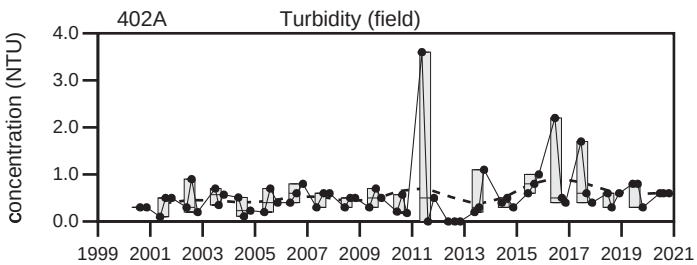


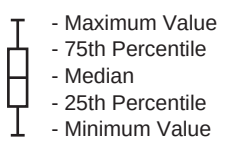












Dolby Landfill

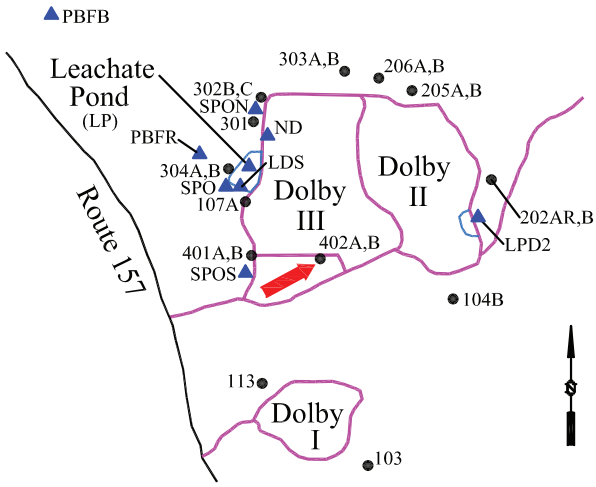
402A

Sevee & Maher Engineers, Inc.

Well Description

Well located cross-gradient of Cells 3A and 3B to south of the Dolby III Landfill.

Screen Interval:	**10 ft. to 20 ft.**
Sampled:	**3 times annually**
Sampled Since:	**Jun-90**
Material Screened:	**Glacial Till**
Well Condition:	**Good**
Sampling Method:	**Low Flow (Initiated Aug. 2000)**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		↓894	↓880	↓895	997	to 2180	1400	± 45	60
Dissolved Oxygen (mg/L)		0.8	2.2	0.9	0.1	to 6.1	0.68	± 0.11	59
Total Dissolved Solids (mg/L)		590	540	590	170	to 1308	750	± 27	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	to 0.044	0.0069	± 0.000	58
Calcium (mg/L)		118	133	128	110	to 266.8	150	± 5	54
Manganese (mg/L)		**0.819**	**0.508**	**1.33**	0.07	to 5.04	0.97	± 0.12	60
pH (STU)		6.9	7.2	7.1	6.5	to 7.3	6.9	± 0.018	60
Alkalinity (CaCO3) (mg/L)		630	580	580	140	to 1148	710	± 24	60
Ca-mg Hardness (CaCO3) (mg/L)		546	607	606	460	to 1137.5	710	± 21	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		630	580	580	140	to 1100	680	± 22	60
Sodium (mg/L)		↓**24.3**	**25.3**	**26.4**	24.5	to 84.14	41	± 1.9	60
Chloride (mg/L)		10	11	9.8	4.6	to 122	33	± 3	60
Iron (mg/L)		0.1 U	0.1 U	0.102	0.01 U	to 0.27	0.057	± 0.006	60
Magnesium (mg/L)		61.2	67.1	69.4	38	to 100	72	± 1.5	54
Potassium (mg/L)		10.3	12.3	14.8	3.43	to 35	11	± 0.88	60
Sulfate (mg/L)		5.7	6.4	6.2	1.5	to 30.9	7.8	± 0.49	60
Total Suspended Solids (mg/L)		4 U	4 U	4 U	0.32 U	to 91	4	± 1.5	60
Turbidity (field) (NTU)		0.5	0.4	0.6	0	to 2.8	0.4	± 0.053	59
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.11	0.08 U	to 4.6	0.24	± 0.075	60
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	to 3.8	0.87	± 0.12	60
Organic Carbon (mg/L)		4.5	4.5	4.7	4.3	to 211.2	14	± 3.4	60

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

Applicable Limits:
Iron MEG16=5 mg/L, Manganese MEG16=0.3 mg/L, Sodium MEG16=20 mg/L, Ammonia (N) MEG16=30 mg/L, Nitrate (N) MEG16=10 mg/L, MCL=10 mg/L, Arsenic MEG16=0.01 mg/L, MCL=0.01 mg/L

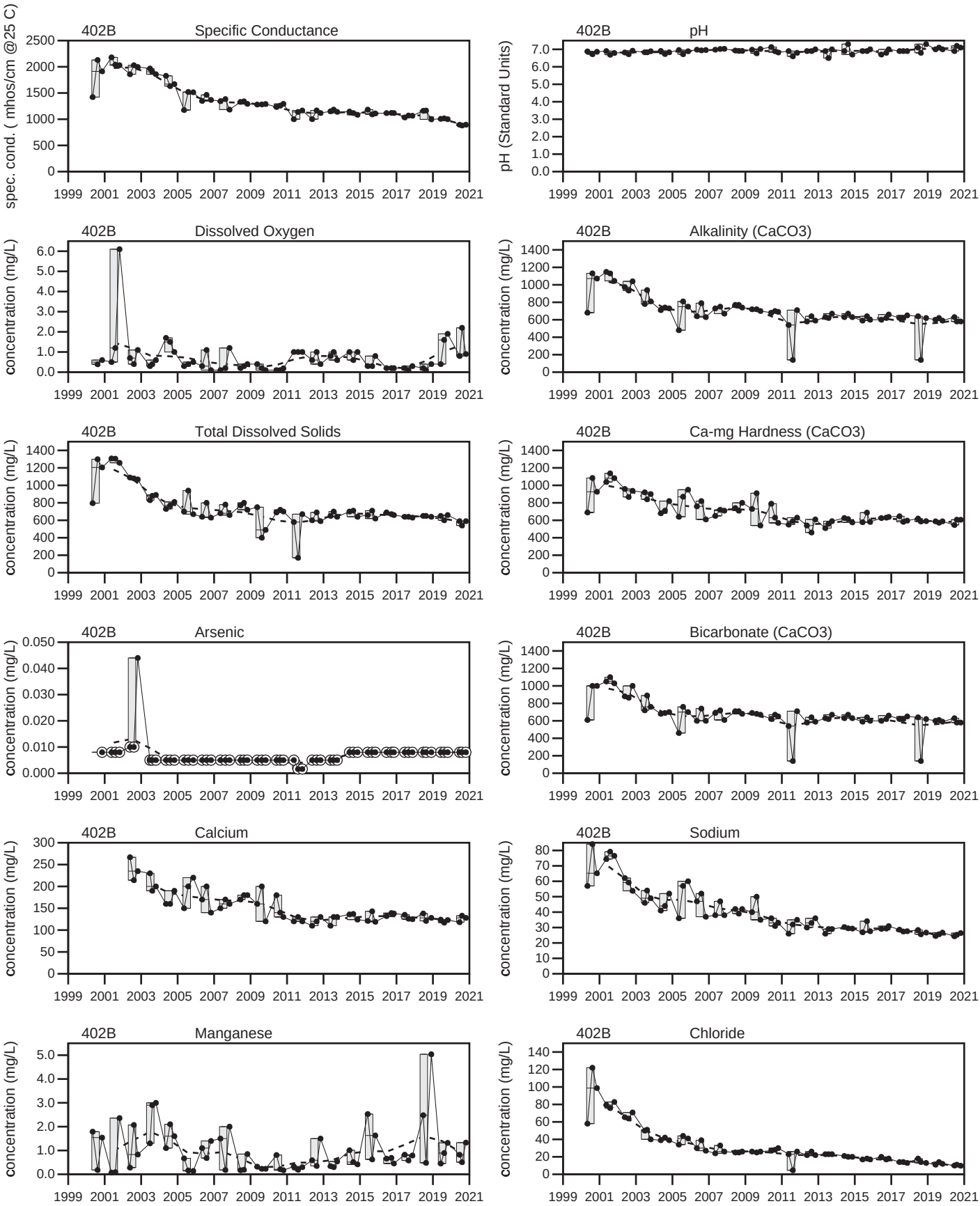
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



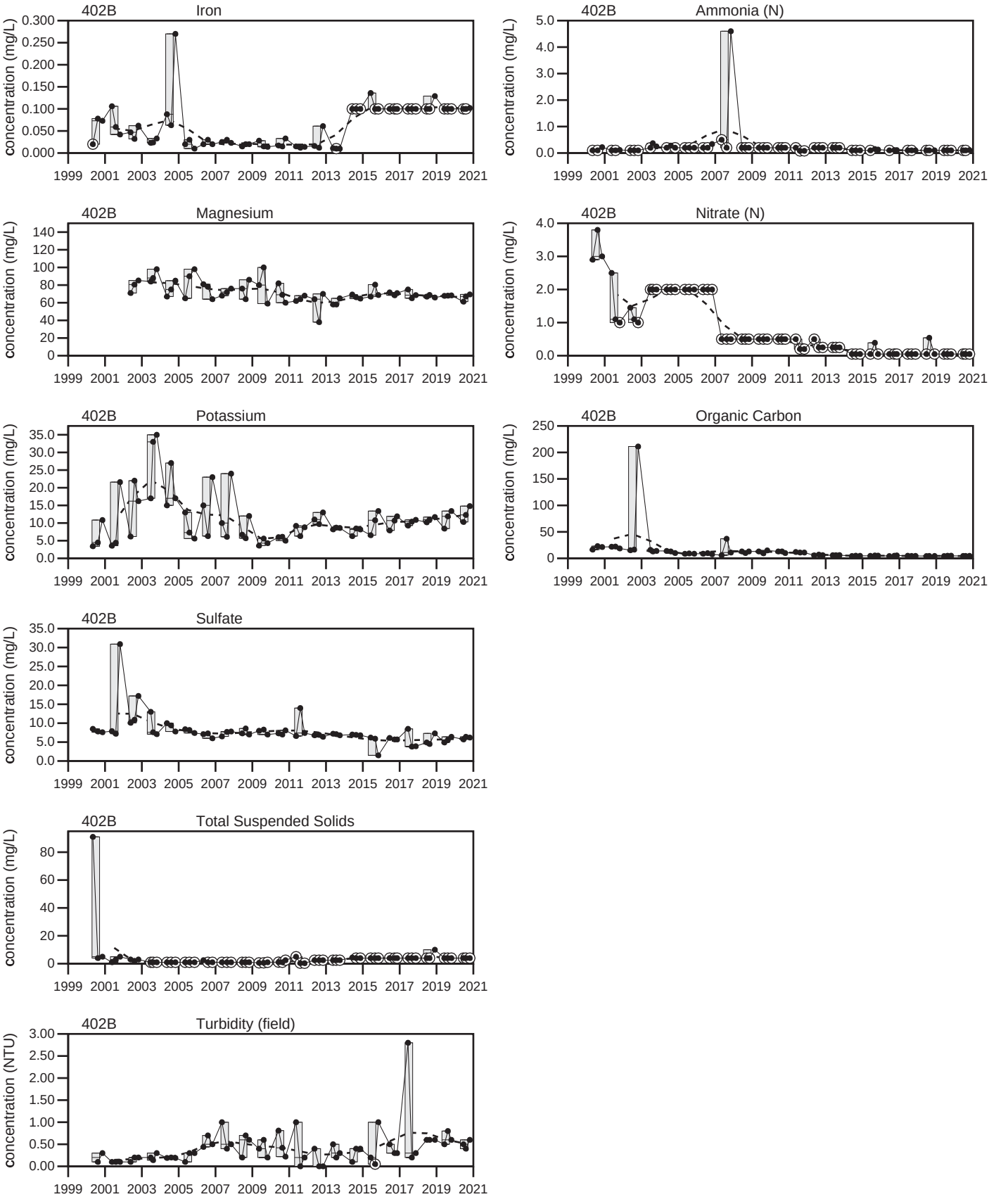
LEGEND

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

Dolby Landfill

402B

Sevee & Maher Engineers, Inc.



Dolby Landfill

402B

Sevee & Maher Engineers, Inc.

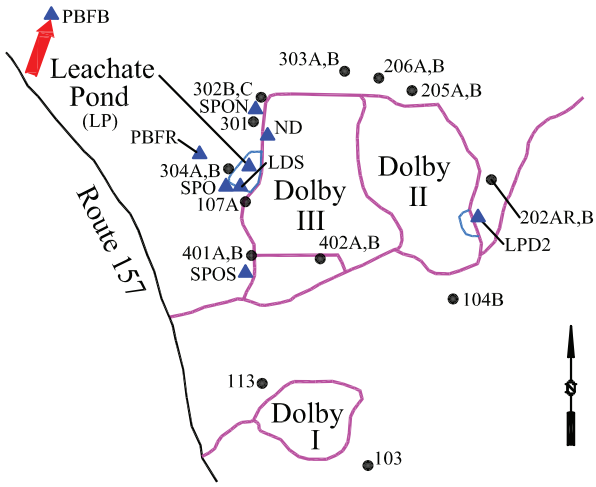
Well Description

Backgound surface water sample from Partridge Brook Flowage.

Sampled: **3 times annually**

Sampled Since: **May-00**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		42	42	48	27	322	56	5.1	59
Dissolved Oxygen (mg/L)		5	5.3	9.1	2.3	11.4	6.2	0.27	56
Total Dissolved Solids (mg/L)		57	41	63	8	114	50	2.7	60
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	0.01 U	0.0063	0.000	58
Calcium (mg/L)		4.85	4.77	6.01	2.5	8.1	4.9	0.17	54
Manganese (mg/L)		0.104	0.0323	0.055	0.016	1.58	0.24	0.043	60
pH (STU)		7	7.4	7	5.8	9.02	7.4	0.089	60
Alkalinity (CaCO3) (mg/L)		16	9.1	13	1 U	200	17	3.2	60
Ca-mg Hardness (CaCO3) (mg/L)		18.3	18.8	22.4	10 U	30.1	18	0.66	60
Bicarbonate Alkalinity (CaCO3) (mg/L)		16	9.1	13	1 U	190	17	3.1	60
Sodium (mg/L)		1.79	1.56	2	1 U	2.2	1.6	0.041	60
Chloride (mg/L)		2 U	2 U	2 U	0.86	4.1	2.3	0.1	60
Iron (mg/L)		0.562	0.434	0.291	0.16	4	0.8	0.097	60
Magnesium (mg/L)		1.51	1.66	1.78	1 U	2.09	1.4	0.047	54
Potassium (mg/L)		1 U	1 U	1 U	0.146	1.4	0.89	0.037	60
Sulfate (mg/L)		1 U	3.4	5.8	0.67	28	3.1	0.56	60
Total Suspended Solids (mg/L)		15	4 U	8.4	1 U	140	8.4	2.5	60
Turbidity (field) (NTU)		1.1	1.1	0.9	0.4	19.8	2.4	0.36	57
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.08 U	0.98	0.16	0.015	60
Nitrate (N) (mg/L)		0.05 U	1.1	0.05 U	0.05 U	2 U	0.74	0.095	60
Organic Carbon (mg/L)		9.4	9.5	13	6.3	38	12	0.7	60

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

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Iron MFCCC=1 mg/L, Ammonia (N) MFCCC=3 mg/L

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

Comments

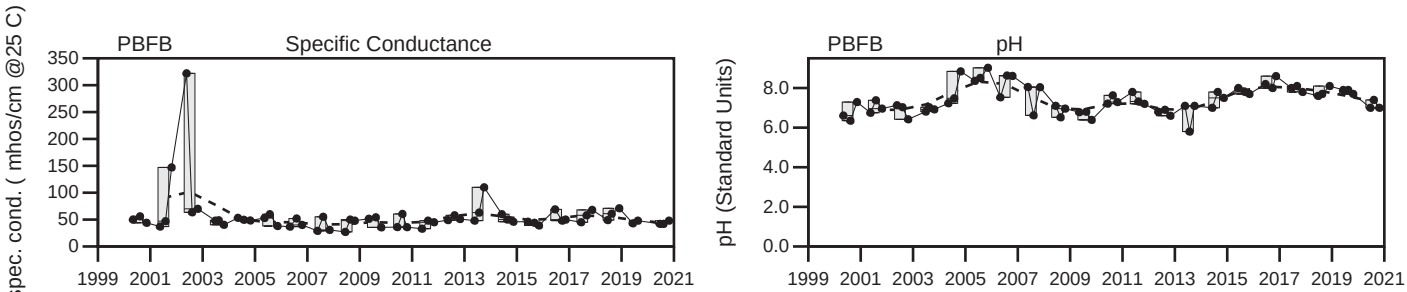
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

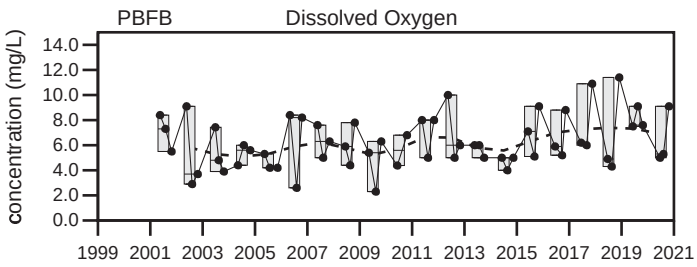
Q3= 8 - 2020

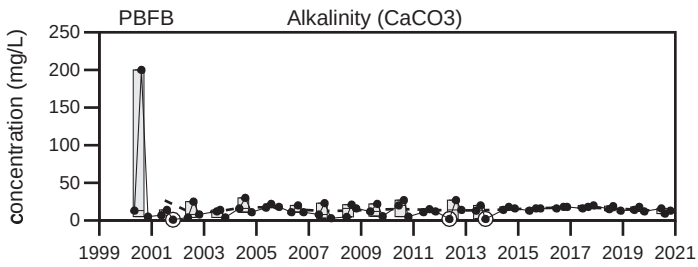
Q4= 10 - 2020

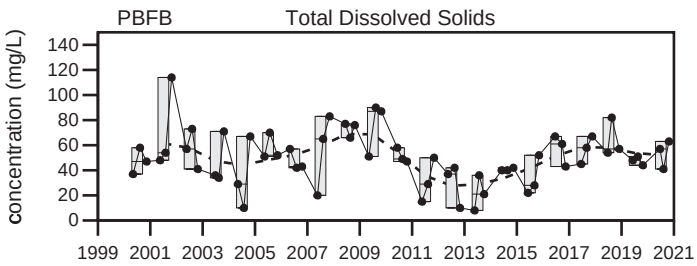
Data Group: 227
Printed: 3/30/2021 09:52

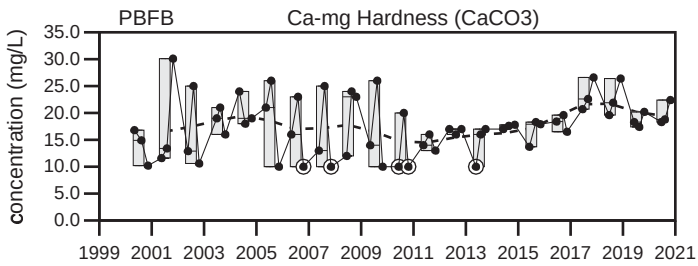
SME SEVEE & MAHER ENGINEERS

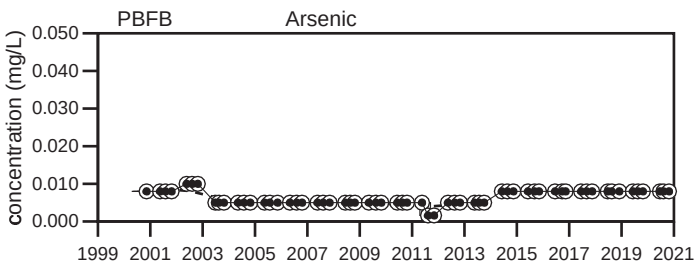


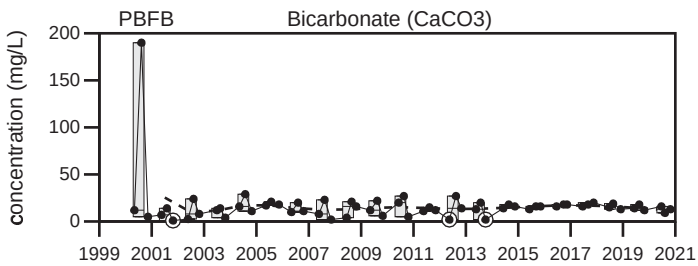


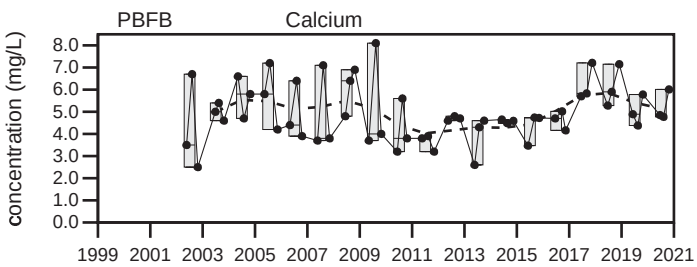


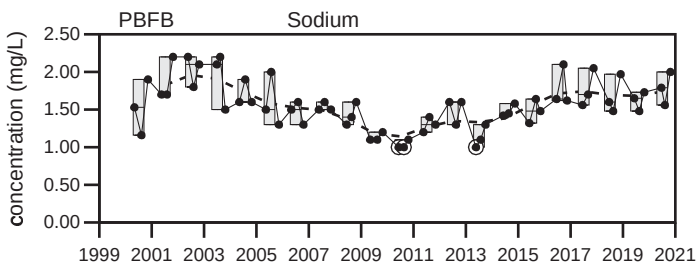


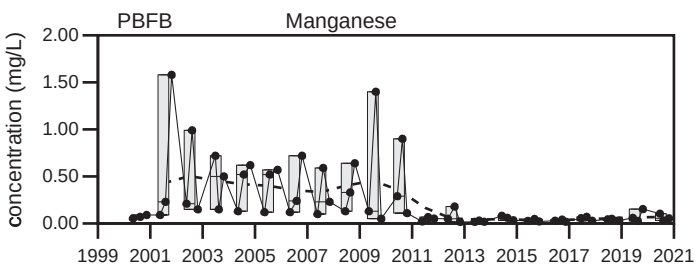


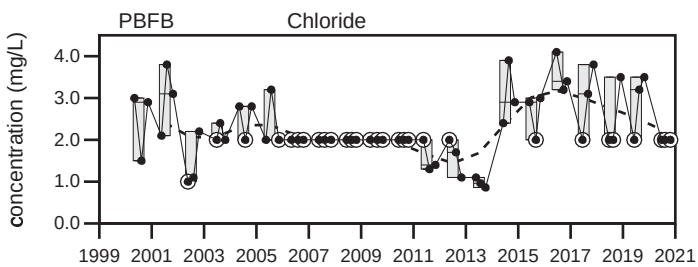












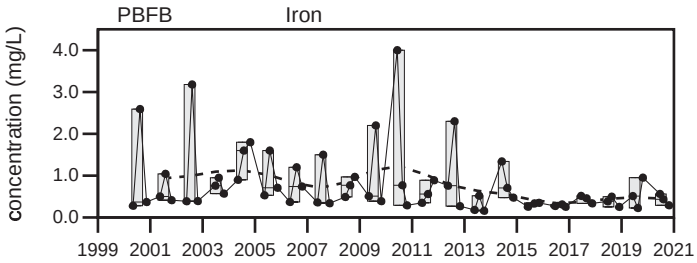
LEGEND

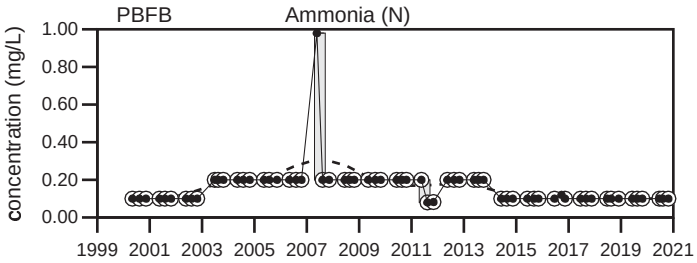
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

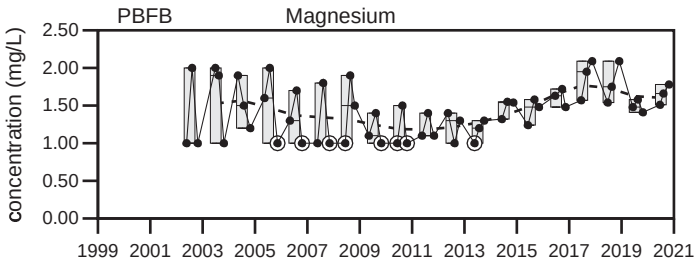
Dolby Landfill

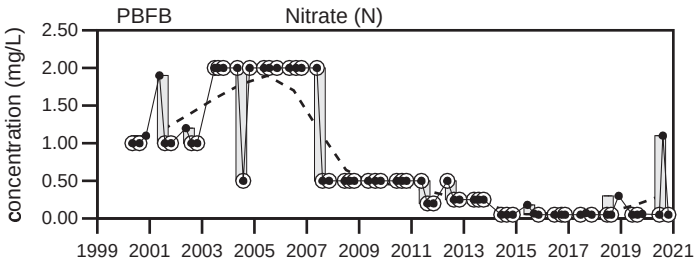
PBFB

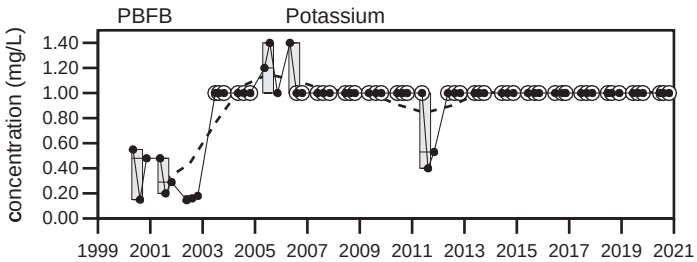
Sevee & Maher Engineers, Inc.

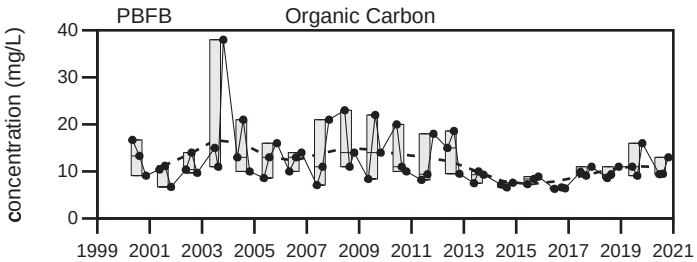


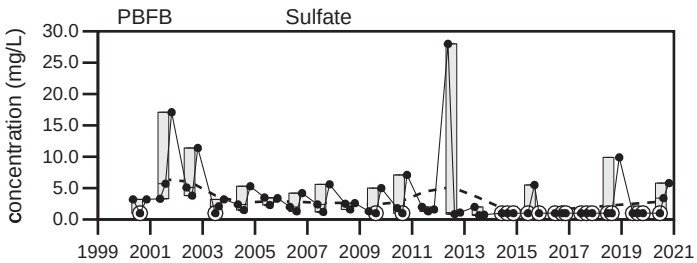


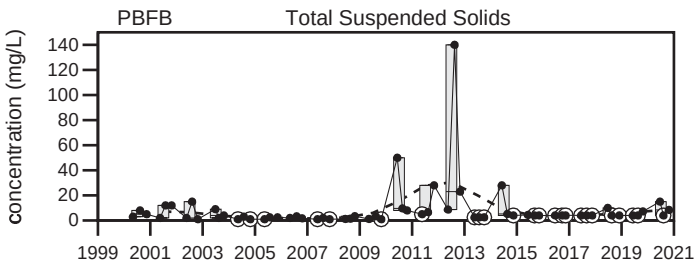


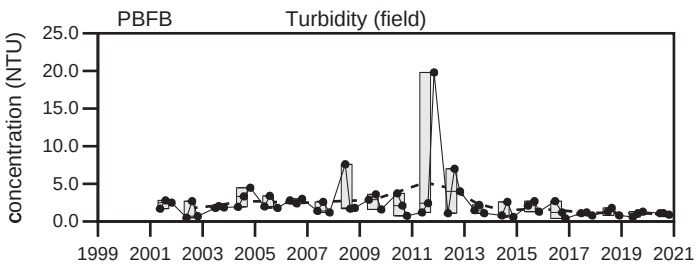


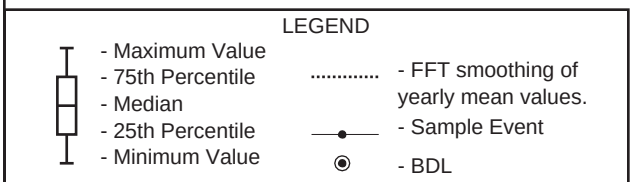












Dolby Landfill

PBFB

Sevee & Maher Engineers, Inc.

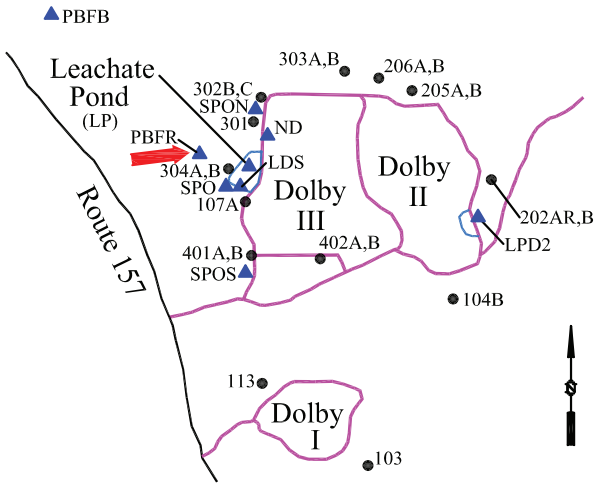
Well Description

Sample from the Partridge Bridge Flowage downgradient of the level spreader and the Dolby II and III Landfills.

Sampled: **3 Times Annually**

Sampled Since: **May 2012**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		53	56	105	45	332	90	13	23
Dissolved Oxygen (mg/L)		5	6.1	↑11.3	3.7	9.7	6.1	0.37	23
Total Dissolved Solids (mg/L)		43	55	79	30	200	63	7.1	24
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.005 U	0.008 U	0.0073	0.000	24
Calcium (mg/L)		5.52	5.01	16.5	4.4	50.3	9.9	1.9	24
Manganese (mg/L)		0.16	0.0319	0.0353	0.019	1.62	0.29	0.082	24
pH (STU)		7.6	8.3	7.9	6.3	8.6	7.5	0.13	23
Alkalinity (CaCO3) (mg/L)		17	16	26	5.1	45	23	1.9	24
Ca-mg Hardness (CaCO3) (mg/L)		20.5	20	51.1	16	144	33	5.2	24
Bicarbonate Alkalinity (CaCO3) (mg/L)		17	16	26	5.1	45	23	1.9	24
Sodium (mg/L)		1.89	1.96	3.42	1.2	4.83	2.4	0.21	24
Chloride (mg/L)		2 U	2 U	2.2	1	6.3	3.3	0.29	24
Iron (mg/L)		0.433	0.213	0.101	0.088	3.15	0.55	0.15	24
Magnesium (mg/L)		1.63	1.82	2.42	1.2	4.54	2	0.14	24
Potassium (mg/L)		1 U	1 U	1.24	1 U	2	1.2	0.06	24
Sulfate (mg/L)		4.3	1.1	16	0.82	89	8	3.7	24
Total Suspended Solids (mg/L)		17	4 U	4 U	2.5 U	190	14	7.7	24
Turbidity (field) (NTU)		1.1	1.2	0.8	0.1	11.6	2.2	0.51	23
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.1 U	0.2 U	0.13	0.009	24
Nitrate (N) (mg/L)		0.26	0.05 U	0.05 U	0.05 U	1.9	0.29	0.083	24
Organic Carbon (mg/L)		8.8	9.4	9.5	3.9	16.9	8.2	0.55	24
Copper (mg/L)		0.025 U	0.025 U	0.025 U	0.003 U	0.025 U	0.02	0.002	24

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

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

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

Comments

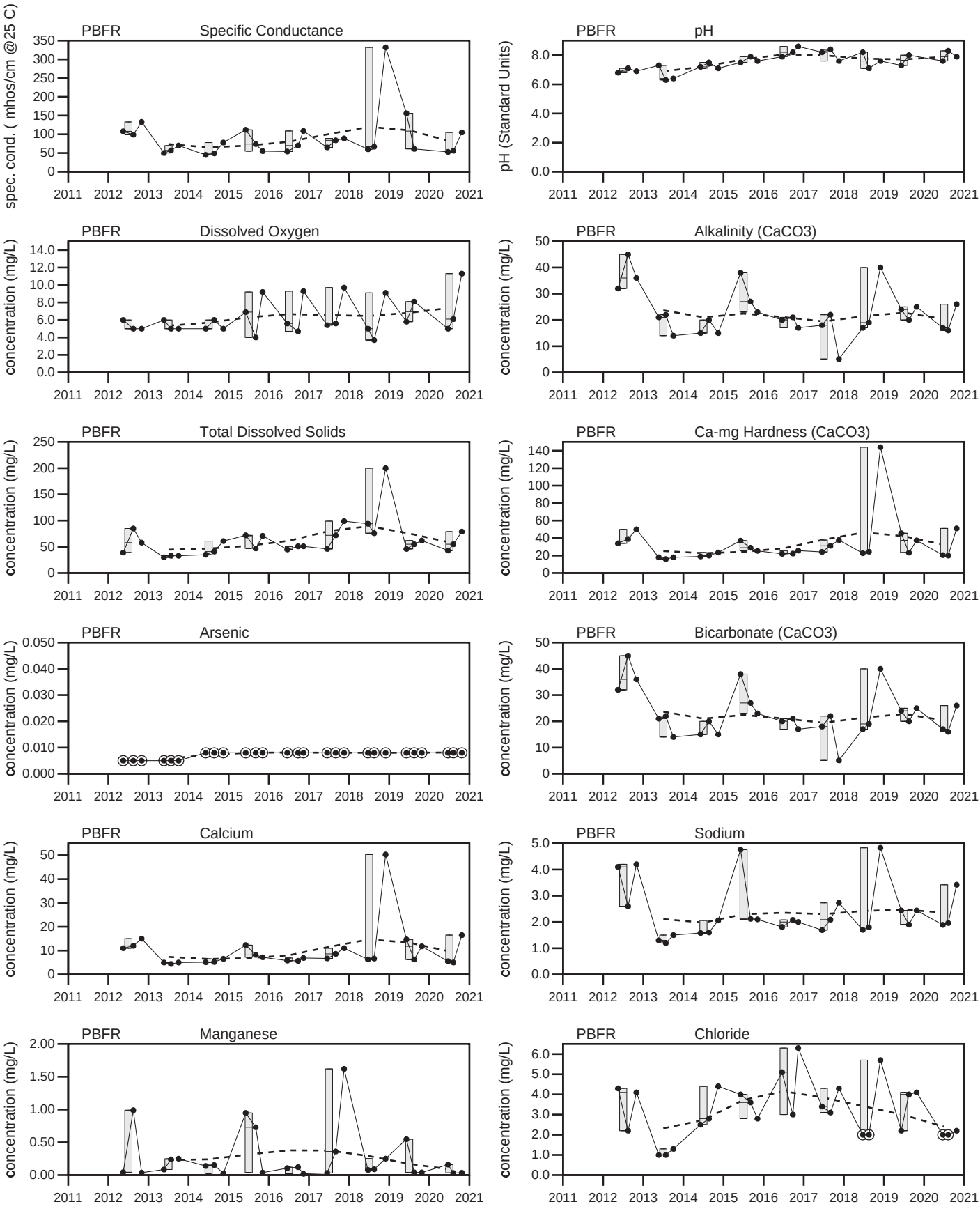
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 228
Printed: 3/30/2021 10:19

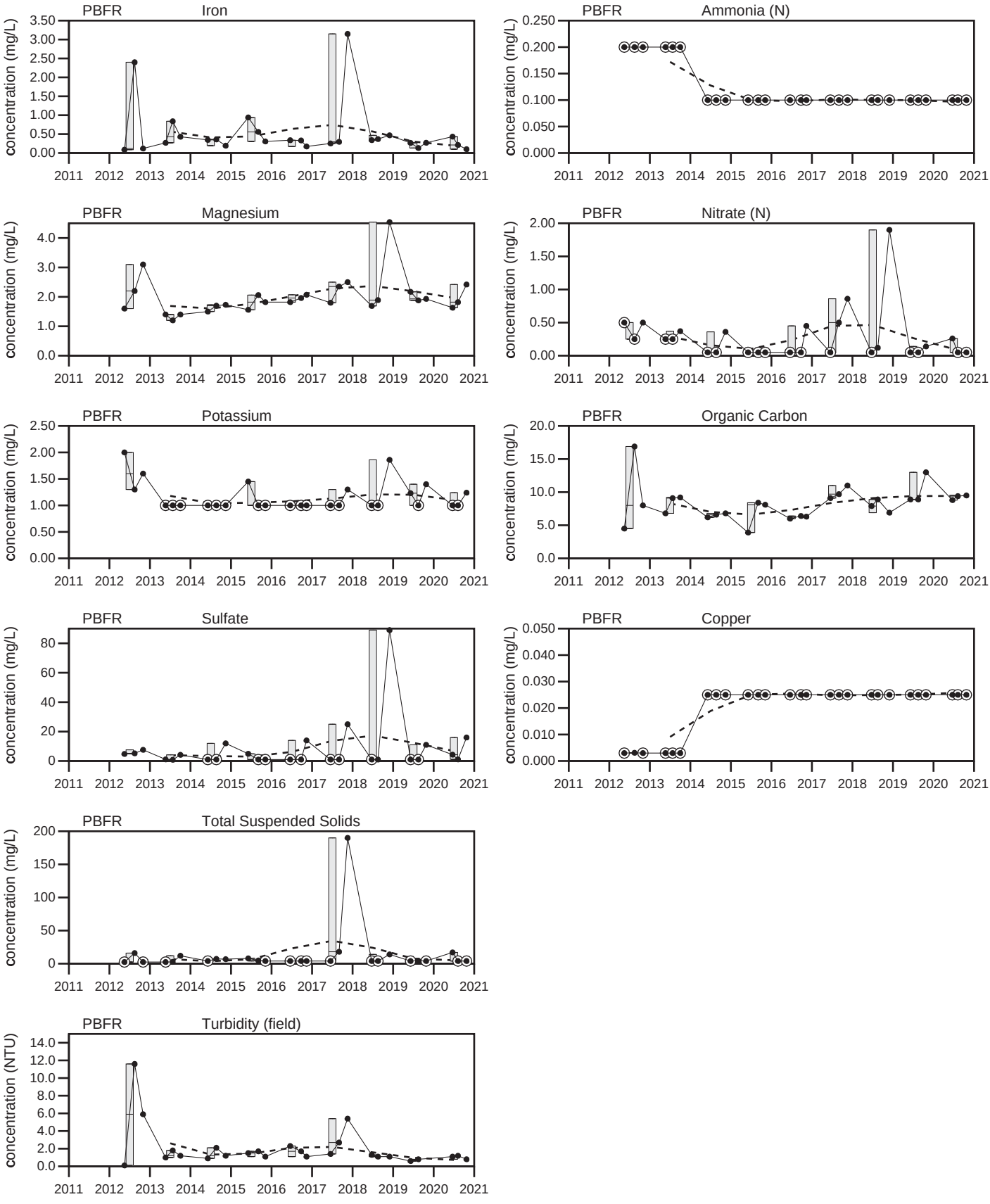
SME SEVEE & MAHER ENGINEERS



Dolby Landfill

PBFR

Sevee & Maher Engineers, Inc.



Dolby Landfill

PBFR

Sevee & Maher Engineers, Inc.

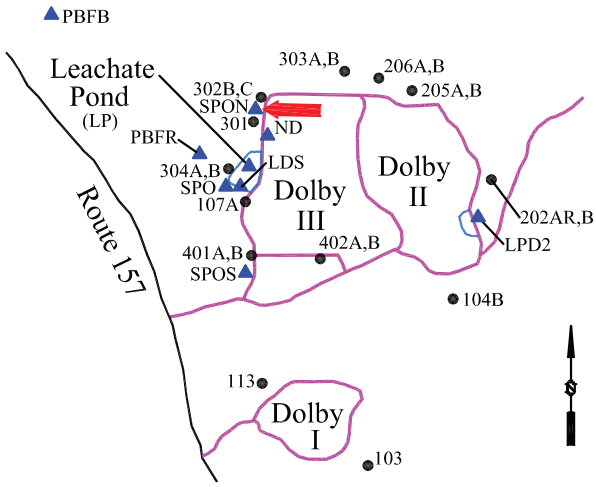
Well Description

Siltation Pond North

Sampled: **3 times annually**

Sampled Since: **May-05**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		D	I	317	227	1483	630	43	36
Dissolved Oxygen (mg/L)		D	I	9.5	2	11.5	5.9	0.38	35
Total Dissolved Solids (mg/L)		D	D	260	140	960	410	29	36
Arsenic (mg/L)		D	D	0.008 U	0.0016 U	0.008 U	0.0061	0.000	36
Calcium (mg/L)		D	D	56.2	37	200	88	6.4	36
Manganese (mg/L)		D	D	↓0.0753	0.198	17	5	0.75	36
pH (STU)		D	I	7	6.2	8.03	7.3	0.07	36
Alkalinity (CaCO3) (mg/L)		D	D	160	110	670	280	18	36
Ca-mg Hardness (CaCO3) (mg/L)		D	D	190	130	750	310	22	36
Bicarbonate Alkalinity (CaCO3) (mg/L)		D	D	160	105	640	270	18	36
Sodium (mg/L)		D	D	6.8	2.7	36	14	1.3	36
Chloride (mg/L)		D	D	4.8	2.9	49	21	2	36
Iron (mg/L)		D	D	0.656	0.15	8.66	1.6	0.34	36
Magnesium (mg/L)		D	D	12	5.6	61	22	1.8	36
Potassium (mg/L)		D	D	6.04	3.8	82	15	2.2	36
Sulfate (mg/L)		D	D	38	1 U	380	45	13	36
Total Suspended Solids (mg/L)		D	D	4 U	1 U	30	8.1	1.3	36
Turbidity (field) (NTU)		D	I	0.6	0.6	29.6	5.1	1	36
Ammonia (N) (mg/L)		D	D	0.1 U	0.1 U	2.3	0.53	0.099	36
Nitrate (N) (mg/L)		D	D	0.05 U	0.05 U	18	1.1	0.49	36
Organic Carbon (mg/L)		D	D	13	9.2	30	15	0.73	36

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

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Iron MFCCC=1 mg/L, Ammonia (N) MFCCC=3 mg/L

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

Comments

Q2= 6 - 2020
Q3= 8 - 2020
Q4= 10 - 2020

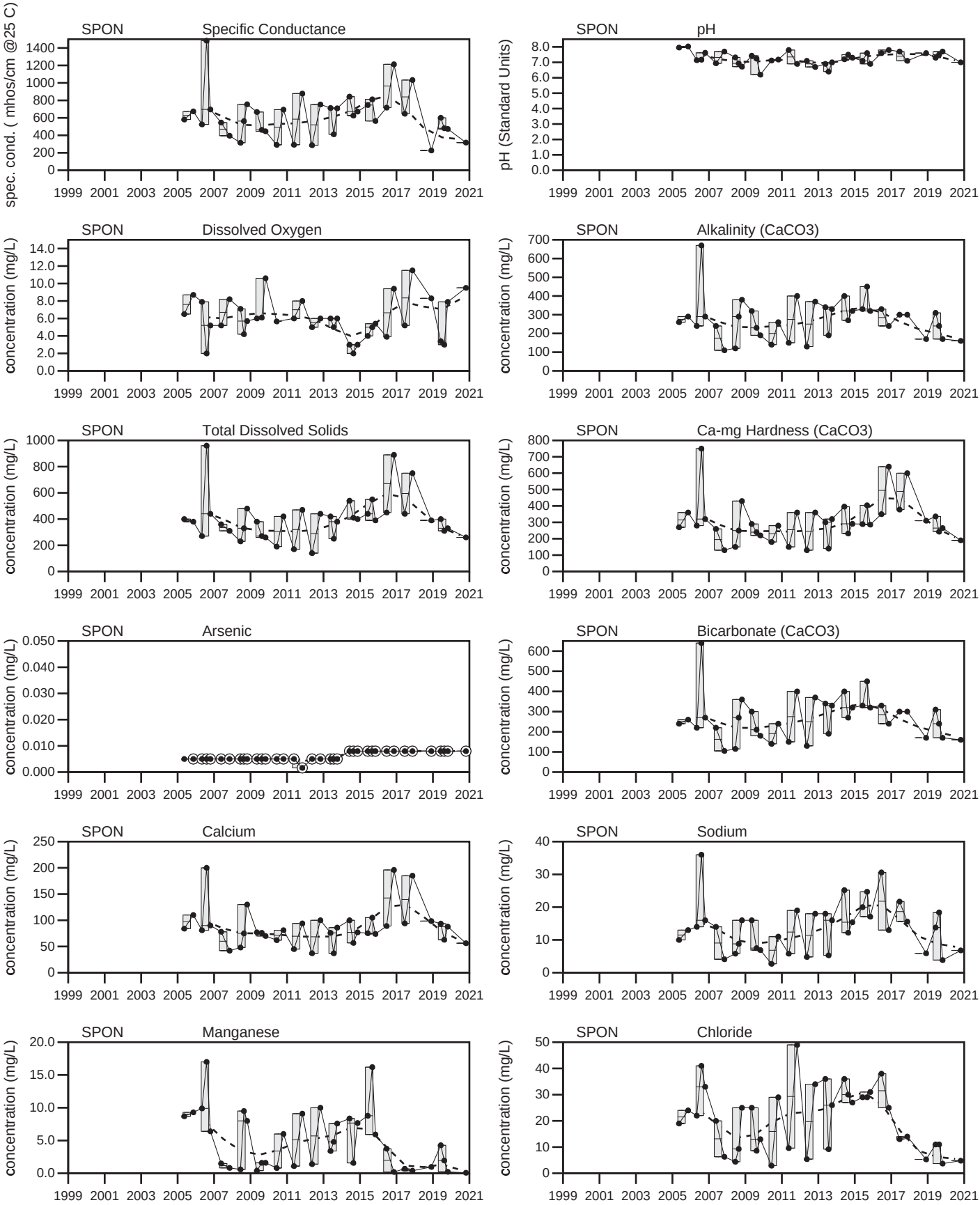
U = Not Detected above the laboratory reporting limit.

I = The sampling location yielded insufficient quantity to collect a sample.

D = The sampling location was dry.

Data Group: 181
Printed: 3/30/2021 08:39

SME SEVEE & MAHER ENGINEERS



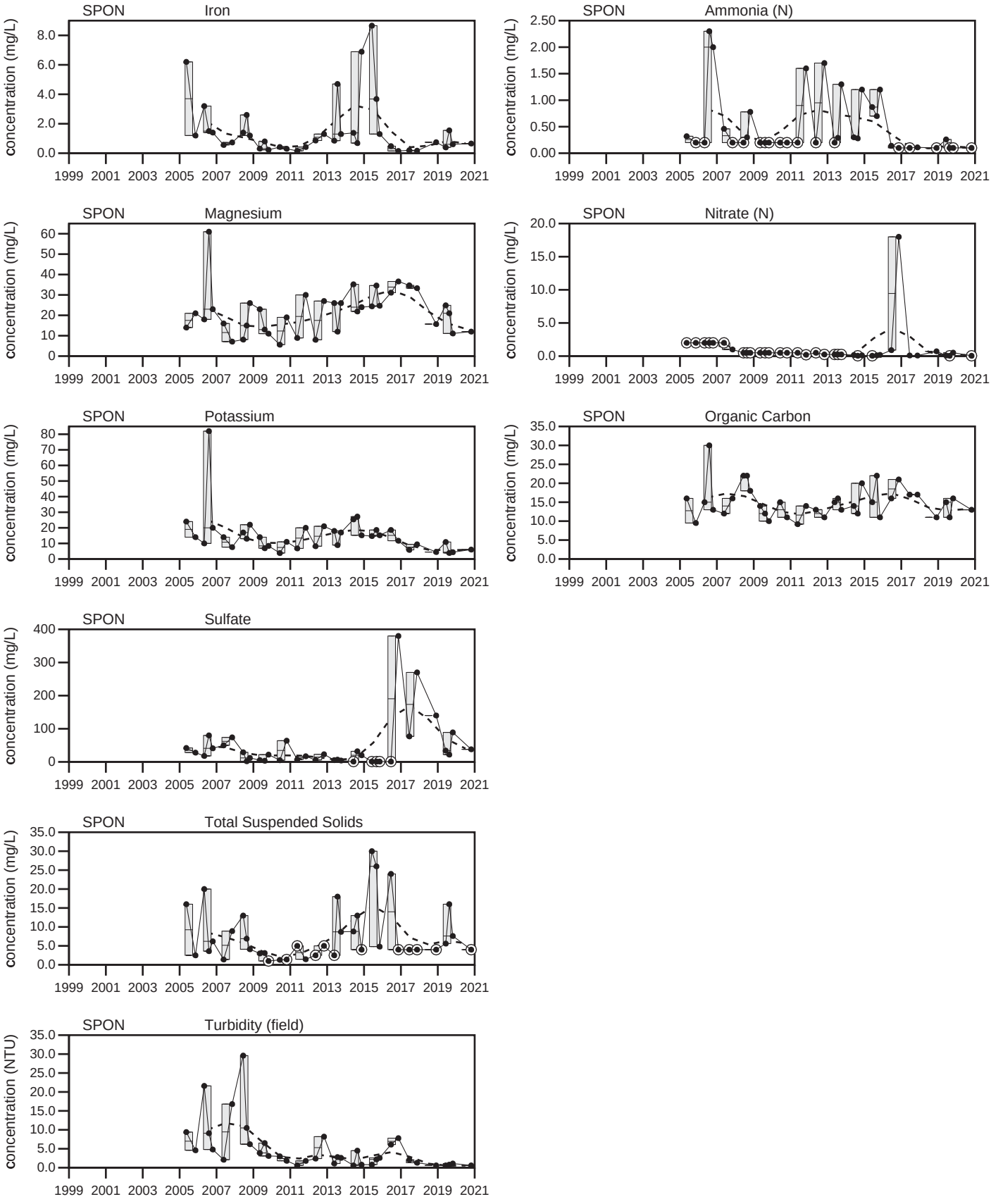
LEGEND

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

Dolby Landfill

SPON

Sevee & Maher Engineers, Inc.



Dolby Landfill

SPON

Sevee & Maher Engineers, Inc.

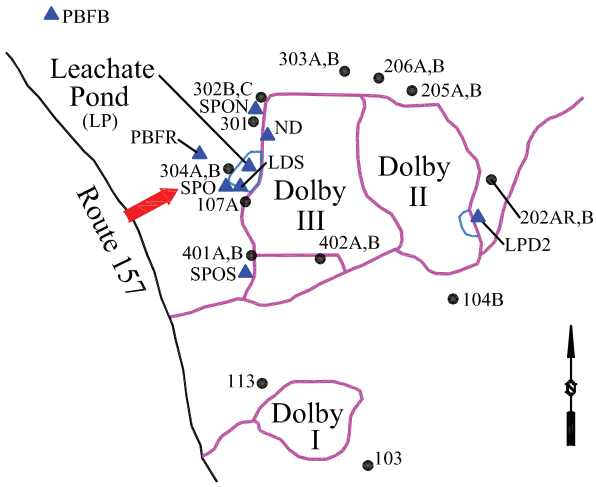
Well Description

Surface water from the detention pond outlet to the west of Dolby III.

Sampled: **3 Times Annually**

Sampled Since: **Mar-91**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		D	I	I	72	196	130	8.1	21
Dissolved Oxygen (mg/L)		D	I	I	2.3	10	6.2	0.49	21
Total Dissolved Solids (mg/L)		D	I	I	43	140	85	5	21
Arsenic (mg/L)		D	I	I	0.005 U	0.008 U	0.0057	0.000	21
Calcium (mg/L)		D	I	I	8.4	36	16	1.7	21
Manganese (mg/L)		D	I	I	0.036	3.6	0.43	0.17	21
pH (STU)		D	I	I	5.83	8.71	7.3	0.16	21
Alkalinity (CaCO3) (mg/L)		D	I	I	21	77	42	3.9	21
Ca-mg Hardness (CaCO3) (mg/L)		D	I	I	21	110	49	5	21
Bicarbonate Alkalinity (CaCO3) (mg/L)		D	I	I	21	75	42	3.7	21
Sodium (mg/L)		D	I	I	1.2	8.7	3.8	0.43	21
Chloride (mg/L)		D	I	I	2 U	19	5.9	0.88	21
Iron (mg/L)		D	I	I	0.3	5.7	1.4	0.3	21
Magnesium (mg/L)		D	I	I	1 U	4.7	2	0.2	21
Potassium (mg/L)		D	I	I	1 U	7	2.7	0.35	21
Sulfate (mg/L)		D	I	I	1 U	15	5.5	0.86	21
Total Suspended Solids (mg/L)		D	I	I	0.6 U	37	8.7	2.2	21
Turbidity (field) (NTU)		D	I	I	0.6	12	3.3	0.62	21
Ammonia (N) (mg/L)		D	I	I	0.1 U	0.21	0.18	0.01	21
Nitrate (N) (mg/L)		D	I	I	0.05 U	2 U	0.81	0.17	21
Organic Carbon (mg/L)		D	I	I	9.3	18	13	0.58	21

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

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Iron MFCCC=1 mg/L, Ammonia (N) MFCCC=3 mg/L

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

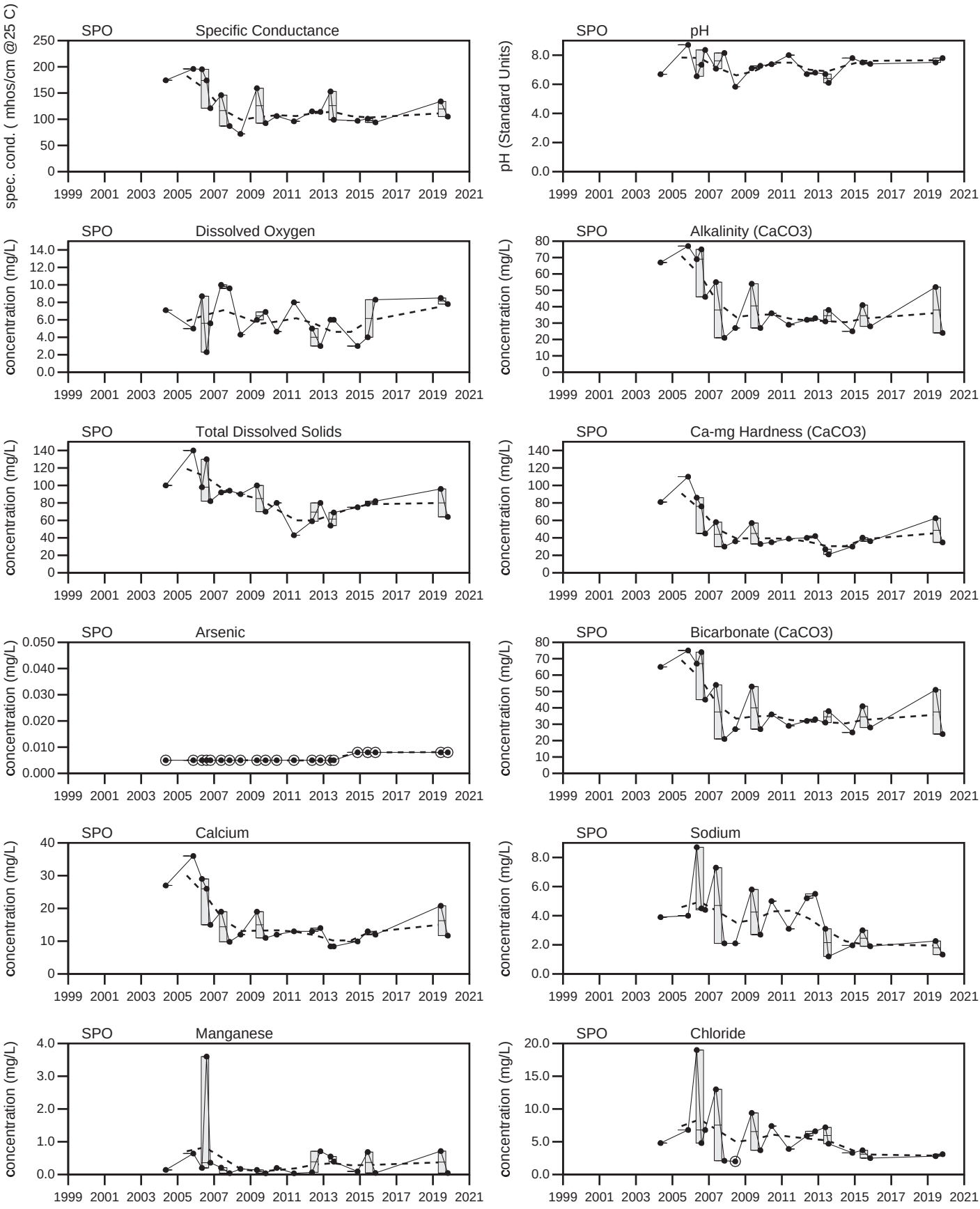
Comments

Q2= 6 - 2020
Q3= 8 - 2020
Q4= 10 - 2020

I = The sampling location yielded insufficient quantity to collect a sample.

D = The sampling location was dry.

Data Group: 181
Printed: 3/30/2021 08:39



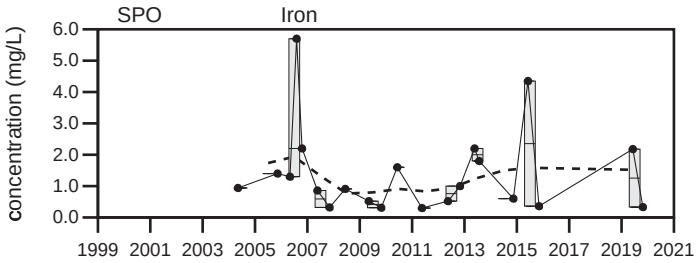
LEGEND

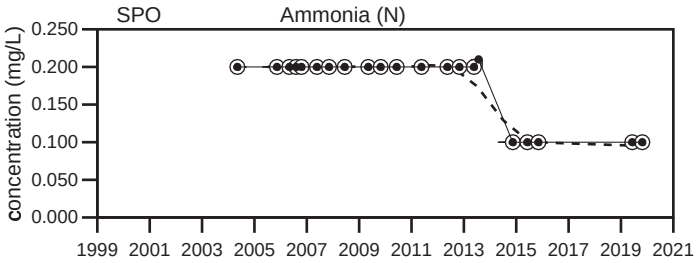
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

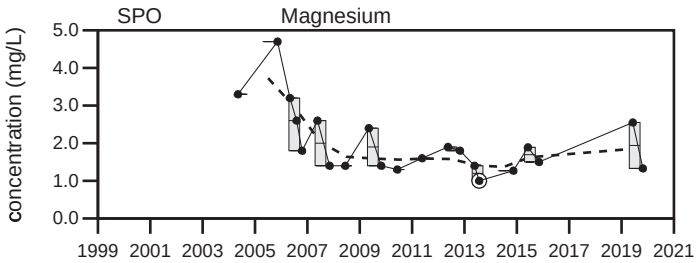
Dolby Landfill

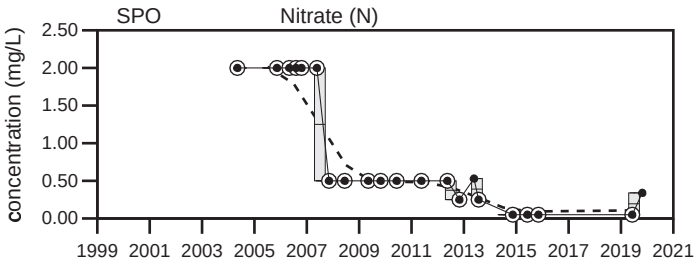
SPO

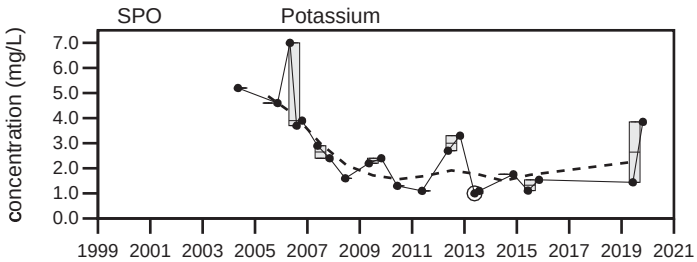
Sevee & Maher Engineers, Inc.

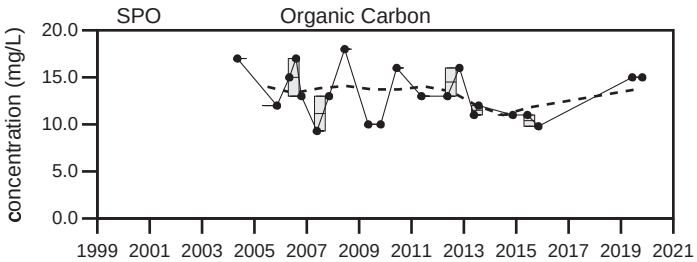


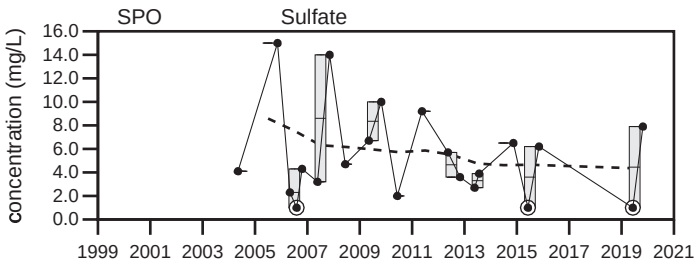


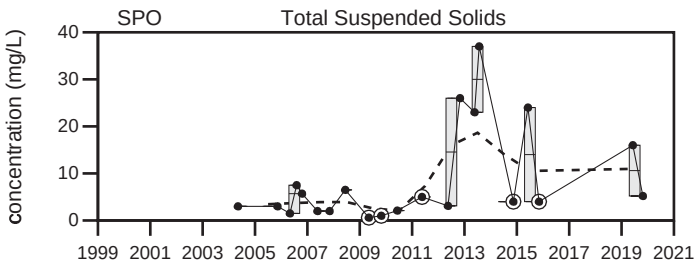


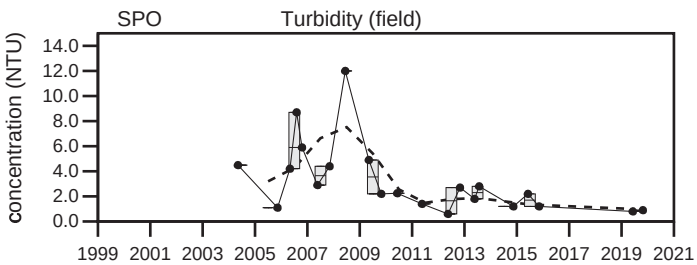


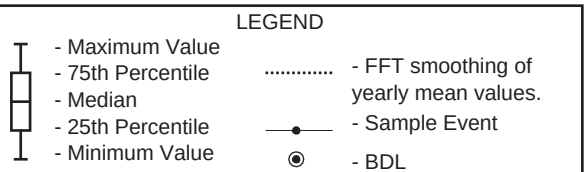












Dolby Landfill

SPO

Sevee & Maher Engineers, Inc.

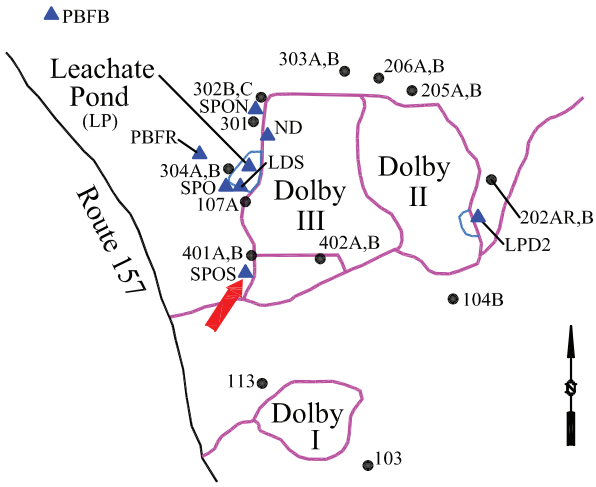
Well Description

Siltation Pond South

Sampled: **3 times annually**

Sampled Since: **May-05**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		187	205	102	88	261	140	6.4	39
Dissolved Oxygen (mg/L)		4.4	6.1	8.8	2	12.1	6.9	0.38	39
Total Dissolved Solids (mg/L)		120	120	100	16	160	95	5.4	39
Arsenic (mg/L)		0.008 U	0.008 U	0.008 U	0.0016 U	0.008 U	0.0061	0.000	39
Calcium (mg/L)		25.9	28.4	16.2	10	58	19	1.4	39
Manganese (mg/L)		1.49	1.13	0.0447	0.01 U	5.34	0.68	0.22	39
pH (STU)		7.5	7.9	6.8	6.4	8.8	7.5	0.092	39
Alkalinity (CaCO3) (mg/L)		100	94	38	34	100	61	3.3	39
Ca-mg Hardness (CaCO3) (mg/L)		88.7	96.2	58.7	38	190	67	4.4	39
Bicarbonate Alkalinity (CaCO3) (mg/L)		100	94	38	34	100	60	3.3	39
Sodium (mg/L)		3.41	2.57	2.64	1.5	36	4.2	0.85	39
Chloride (mg/L)		2 U	2 U	2 U	1.1	11	3.3	0.29	39
Iron (mg/L)		**2.2**	**1.85**	0.216	0.045	25	1.4	0.68	39
Magnesium (mg/L)		5.86	6.11	4.45	3.1	12	5.1	0.27	39
Potassium (mg/L)		1.75	1.23	1.49	0.84	4.9	1.4	0.12	39
Sulfate (mg/L)		1 U	1 U	18	0.58	39	4.5	1.1	39
Total Suspended Solids (mg/L)		6	6.4	4 U	0.32 U	8.3 U	3	0.33	39
Turbidity (field) (NTU)		0.8	1.3	0.6	0.3	14.9	1.8	0.42	39
Ammonia (N) (mg/L)		0.1 U	0.1 U	0.1 U	0.082 U	0.2 U	0.16	0.008	39
Nitrate (N) (mg/L)		0.35	0.05 U	0.05 U	0.05 U	2 U	0.56	0.11	39
Organic Carbon (mg/L)		10	8.7	14	7.2	18	10	0.41	39

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

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Iron MFCCC=1 mg/L, Ammonia (N) MFCCC=3 mg/L

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

Comments

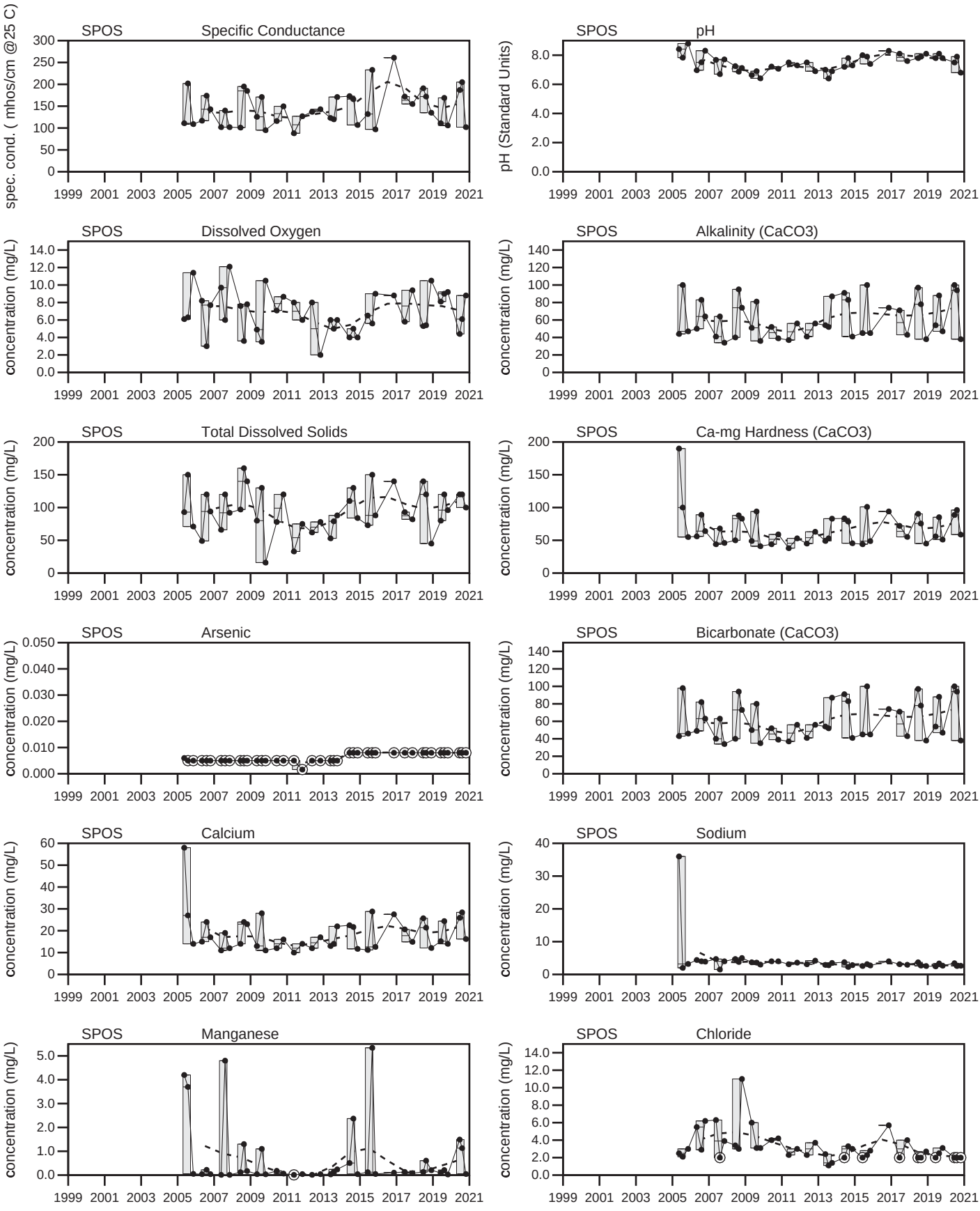
Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 181
Printed: 3/30/2021 08:39

SME SEVEE & MAHER ENGINEERS



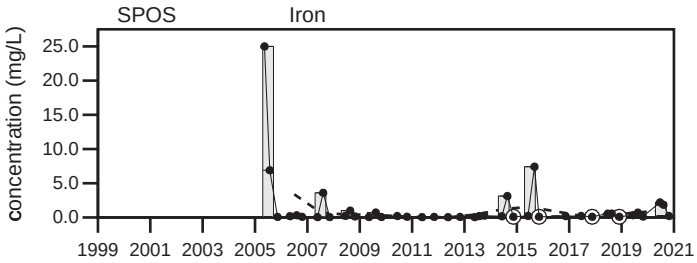
LEGEND

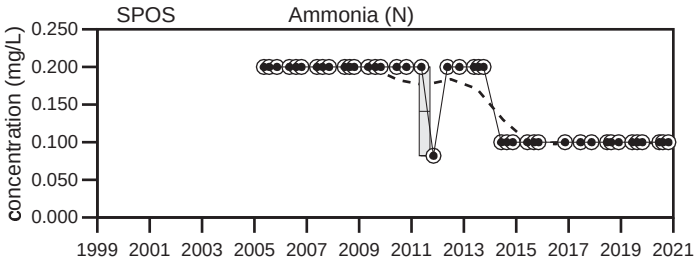
- Maximum Value
- 75th Percentile
- Median
- 25th Percentile
- Minimum Value
- FFT smoothing of yearly mean values.
- Sample Event
- BDL

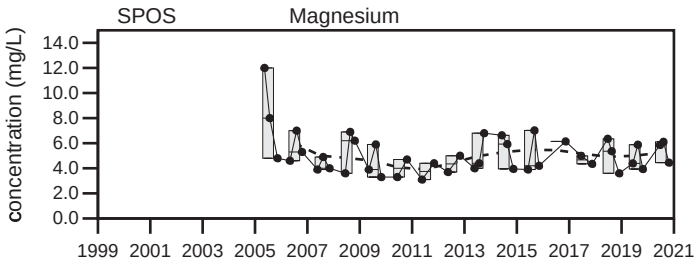
Dolby Landfill

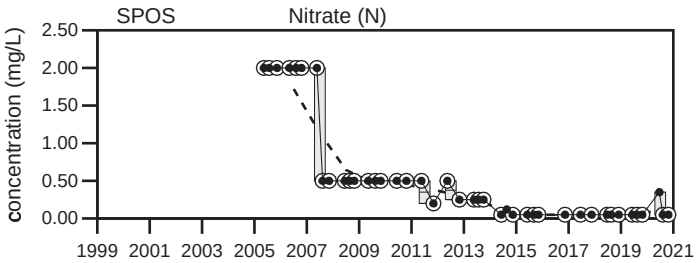
SPOS

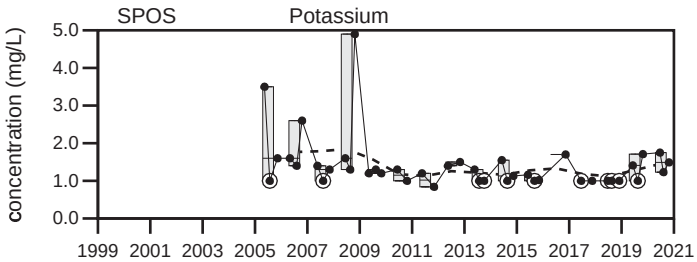
Sevee & Maher Engineers, Inc.

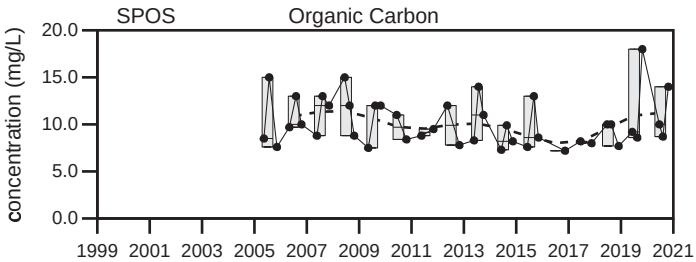


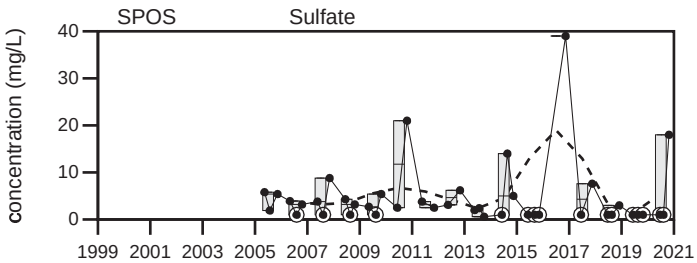


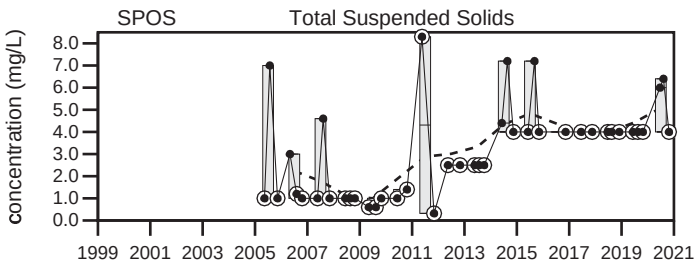


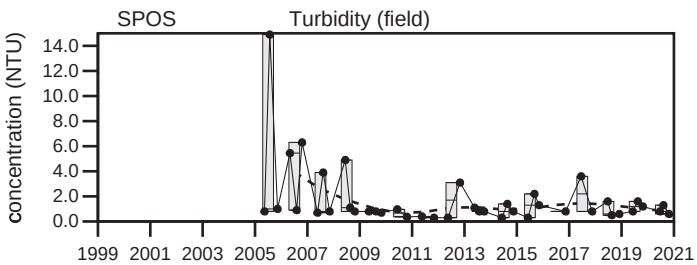


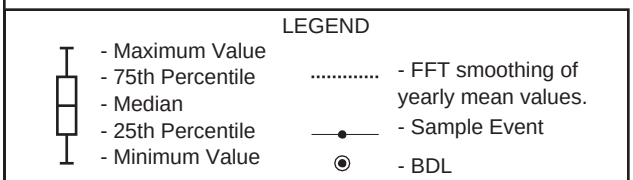












Dolby Landfill

SPOS

Sevee & Maher Engineers, Inc.

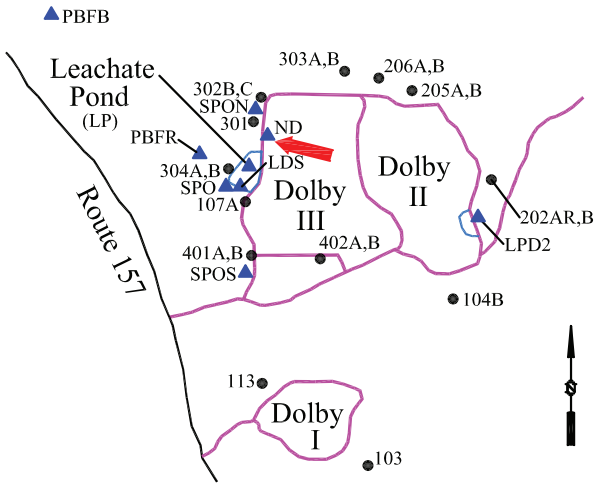
Well Description

Surface water sample from the ditch to the northwest of Dolby III.

Sampled: **3 Times Annually**

Sampled Since: **Jul-04**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		D	D	D	138.5	264	200	25	5
Dissolved Oxygen (mg/L)		D	D	D	6	14.5	9.6	1.7	5
Total Dissolved Solids (mg/L)		D	D	D	73	200	120	24	5
Arsenic (mg/L)		D	D	D	0.005 U	0.005 U	0.005	3E-11	5
Calcium (mg/L)		D	D	D	26	59	39	7	5
Manganese (mg/L)		D	D	D	0.021	0.53	0.18	0.098	5
pH (STU)		D	D	D	6.86	8.58	7.8	0.3	5
Alkalinity (CaCO3) (mg/L)		D	D	D	56	120	88	13	5
Ca-mg Hardness (CaCO3) (mg/L)		D	D	D	77	160	110	18	5
Bicarbonate Alkalinity (CaCO3) (mg/L)		D	D	D	53	120	86	13	5
Sodium (mg/L)		D	D	D	1	2.4	1.6	0.28	5
Chloride (mg/L)		D	D	D	2 U	2 U	2	0	5
Iron (mg/L)		D	D	D	0.053	3.5	0.91	0.66	5
Magnesium (mg/L)		D	D	D	2.6	4.9	3.3	0.43	5
Potassium (mg/L)		D	D	D	2.6	7.1	4.8	0.81	5
Sulfate (mg/L)		D	D	D	4.2	21	9.9	3	5
Total Suspended Solids (mg/L)		D	D	D	1.5	160	38	31	5
Turbidity (field) (NTU)		D	D	D	0.4	158	37	30	5
Ammonia (N) (mg/L)		D	D	D	0.2 U	0.21	0.2	0.002	5
Nitrate (N) (mg/L)		D	D	D	0.5 U	2 U	1.1	0.37	5
Organic Carbon (mg/L)		D	D	D	5	21	13	2.9	5

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

Applicable Limits:
Chloride MFCCC=230 mg/L, Arsenic MFCCC=0.15 mg/L, Iron MFCCC=1 mg/L, Ammonia (N) MFCCC=3 mg/L

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

Comments

Q2= 6 - 2020 D = The sampling location was dry.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 227

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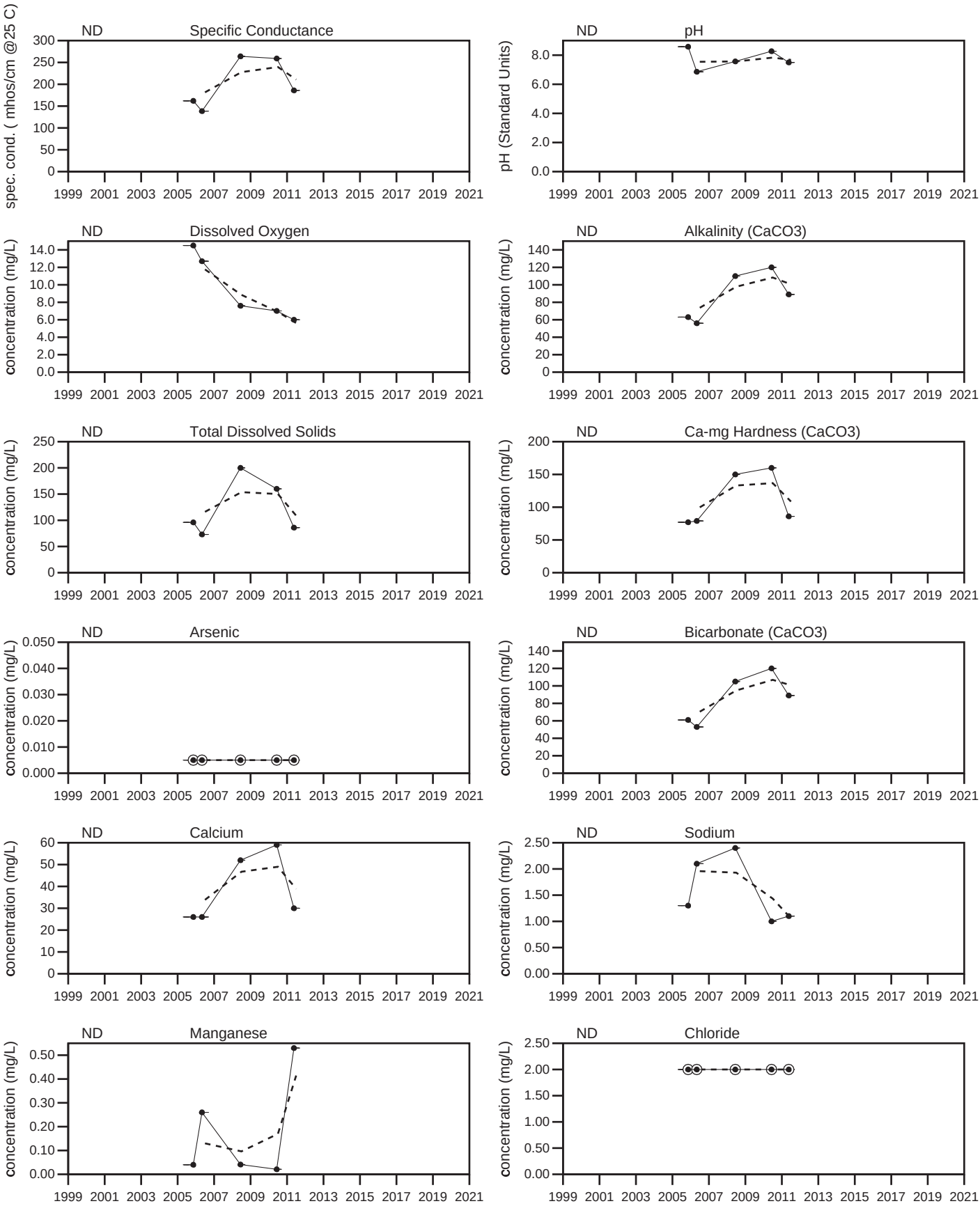


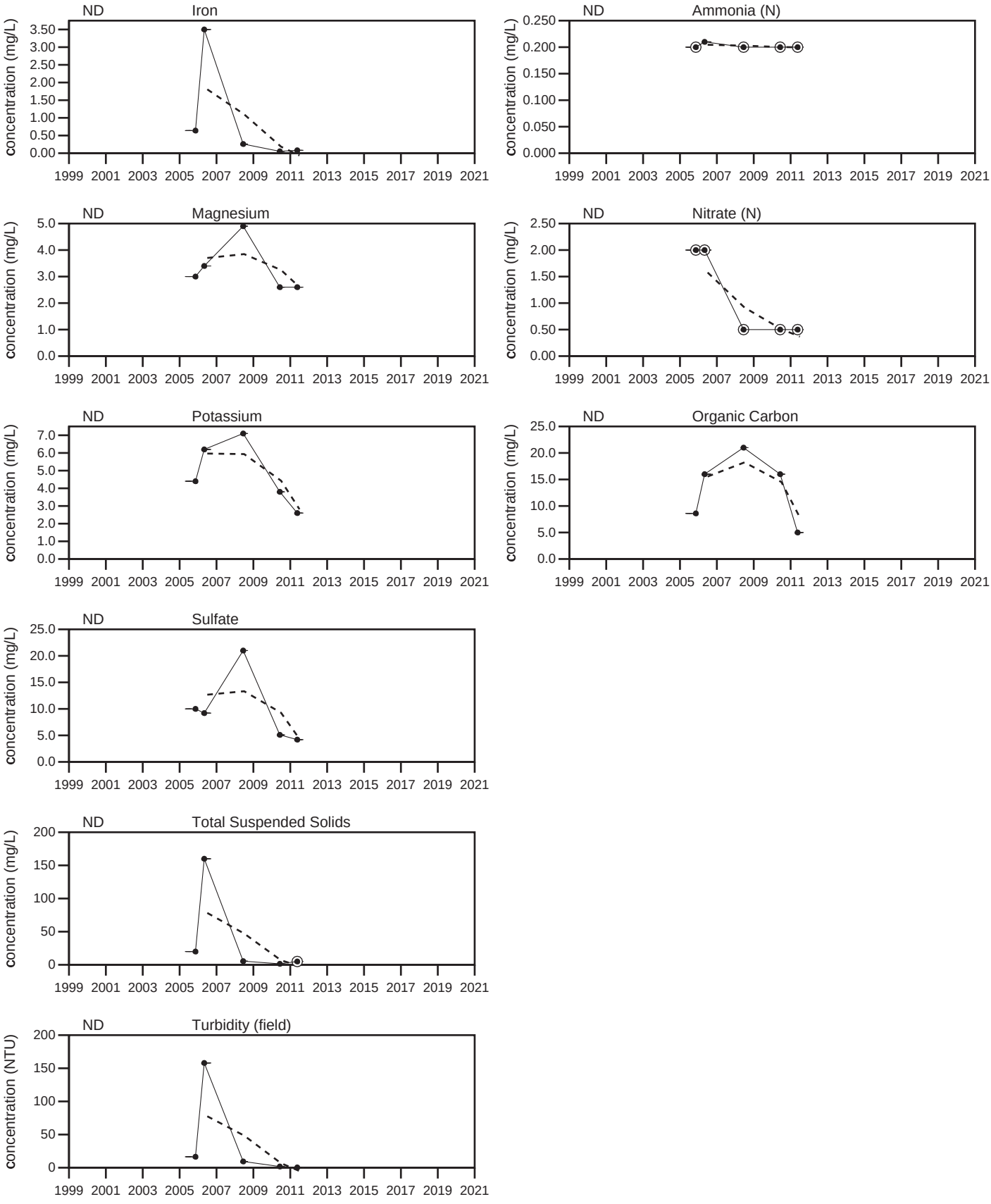
LEGEND

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

Dolby Landfill

ND

Sevee & Maher Engineers, Inc.



Dolby Landfill

ND

Sevee & Maher Engineers, Inc.

LP

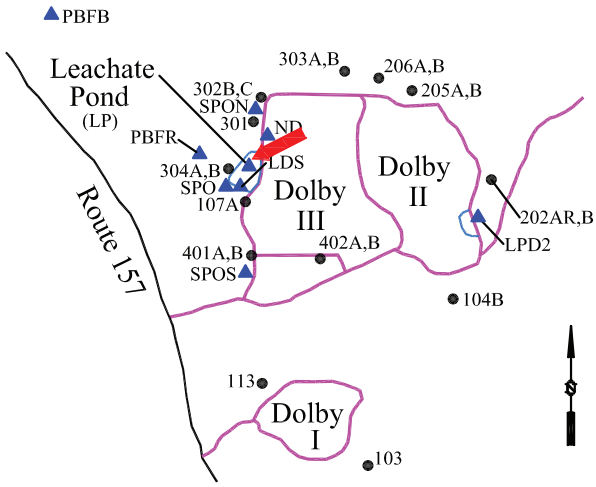
Well Description

Sample from the leachate pond to the west of landfill.

Sampled: **3 times annually**

Sampled Since: **Apr-86**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	Q2	Q3	Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		1511	1733	1073	630	4760	2100	100	59
Dissolved Oxygen (mg/L)		5.2	3.7	5.6	2.4	13.9	7.1	0.49	27
Total Dissolved Solids (mg/L)		1000	1200	750	270	3903	1400	87	59
Arsenic (mg/L)		0.012	0.008 U	0.008	0.0036	0.068	0.021	0.002	57
Calcium (mg/L)		122	83.1	110	30	340	150	9.4	53
Manganese (mg/L)		1.6	↓0.452	2.32	0.728	20.95	6.3	0.64	59
pH (STU)		7.7	8.1	7.3	6.46	8.46	7.4	0.053	59
Alkalinity (CaCO3) (mg/L)		1000	1000	540	260	2700	1100	62	59
Ca-mg Hardness (CaCO3) (mg/L)		742	907	565	259	2300	910	47	59
Bicarbonate Alkalinity (CaCO3) (mg/L)		1000	1000	540	260	2550	1100	58	59
Sodium (mg/L)		43.1	70.6	27.1	9.39	140	53	3.5	58
Chloride (mg/L)		39	57	27	11	248	69	6.1	59
Iron (mg/L)		4.57	1.7	3.78	1.18	76.7	12	1.8	59
Magnesium (mg/L)		106	170	70.4	24	350	120	8.3	53
Potassium (mg/L)		117	188	77.5	26	410	150	11	59
Sulfate (mg/L)		1 U	1.4	88	1 U	320	47	6.9	59
Total Suspended Solids (mg/L)		4 U	10	9.6	4 U	133	50	4.6	59
Turbidity (field) (NTU)		3.1	5.6	2.1	0.8	74.3	20	4.1	27
Ammonia (N) (mg/L)		12	4.4	3.7	1.1	27	12	0.86	59
Nitrate (N) (mg/L)		0.05 U	0.31	4.4	0.05 U	15.5	1.7	0.38	59
Organic Carbon (mg/L)		32	43	24	9.9	383.4	86	10	59

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

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

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

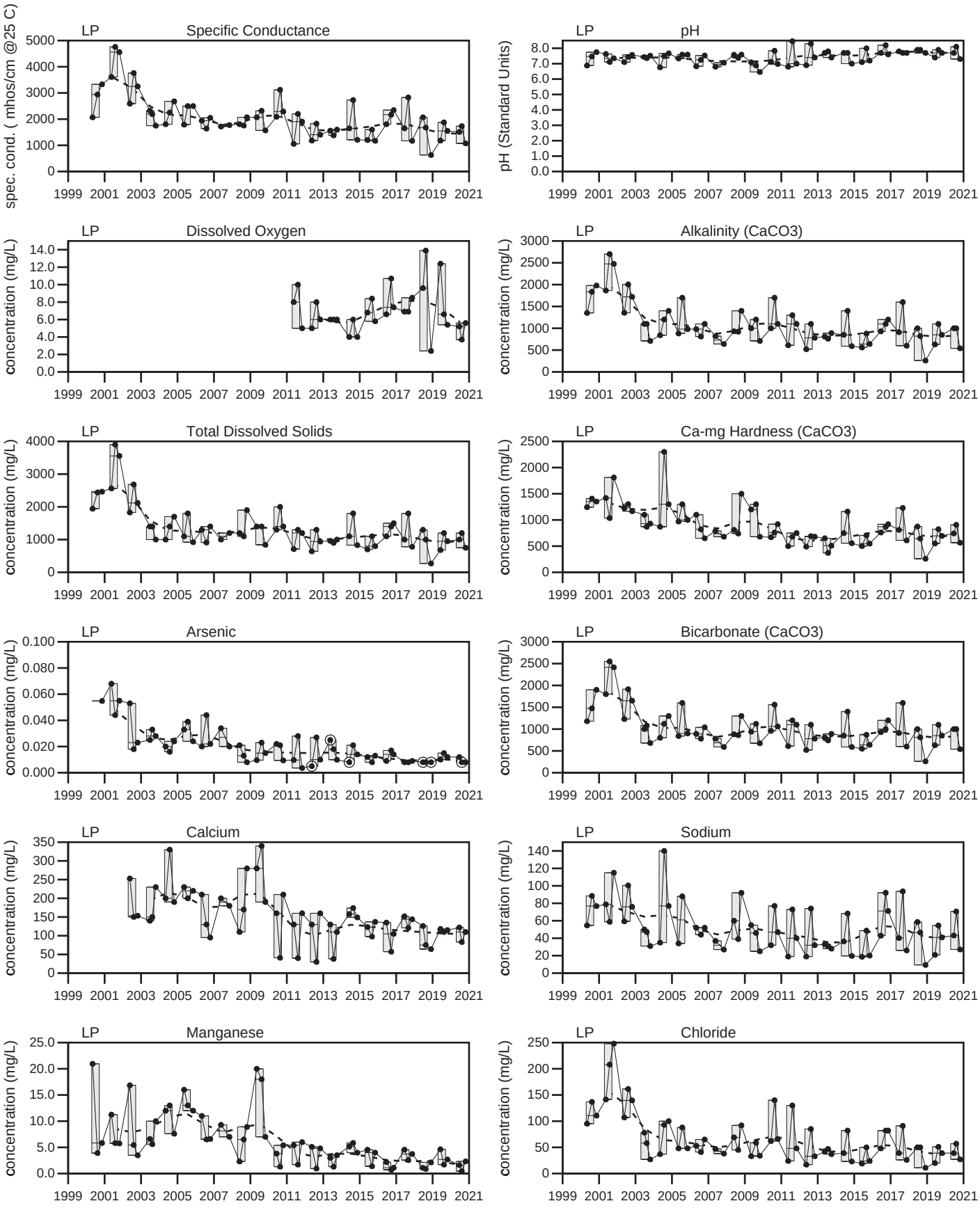
Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 180

Printed: 3/30/2021 09:34

SME SEVEE & MAHER ENGINEERS



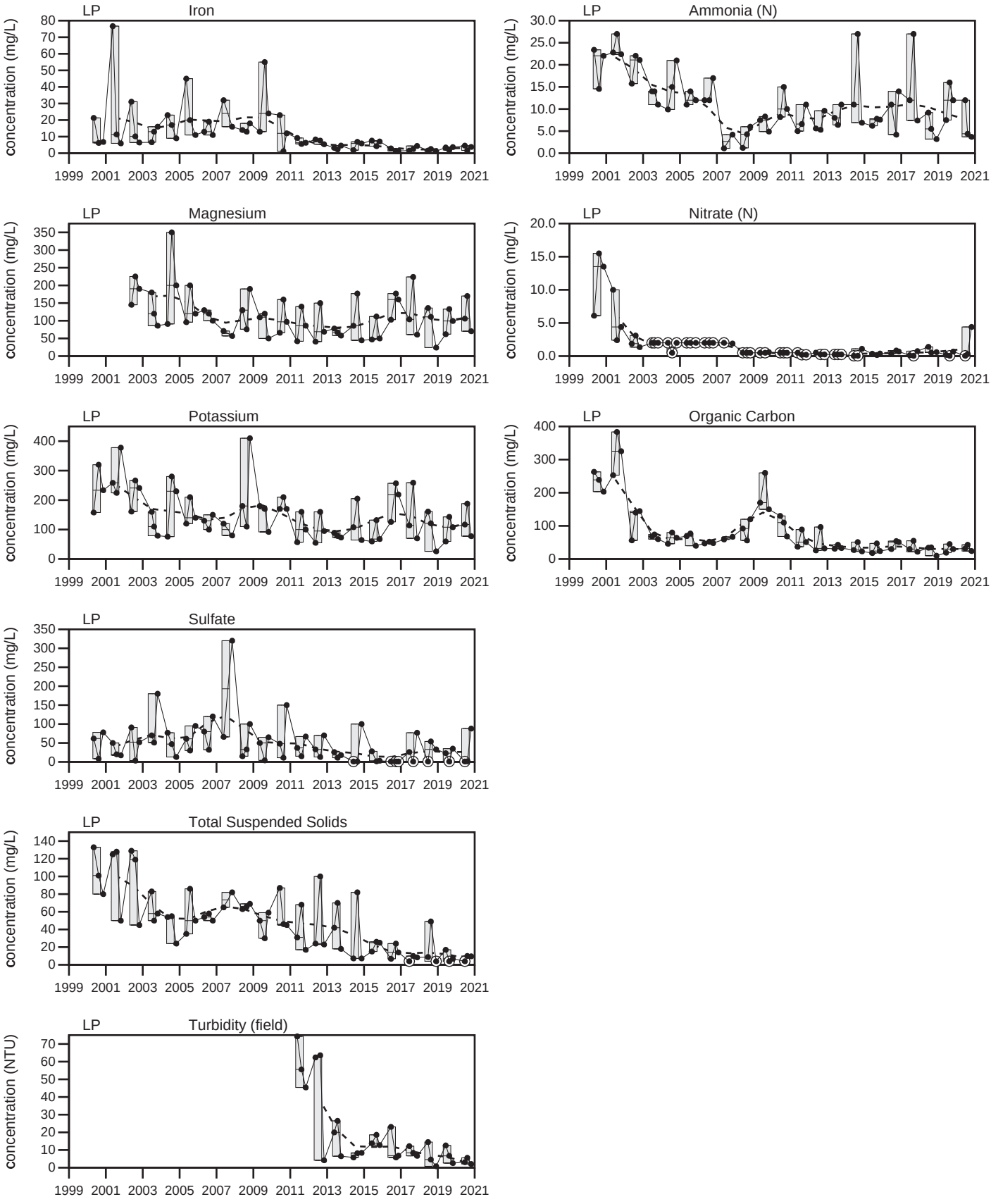
LEGEND

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

Dolby Landfill

LP

Sevee & Maher Engineers, Inc.



Dolby Landfill

LP

Sevee & Maher Engineers, Inc.

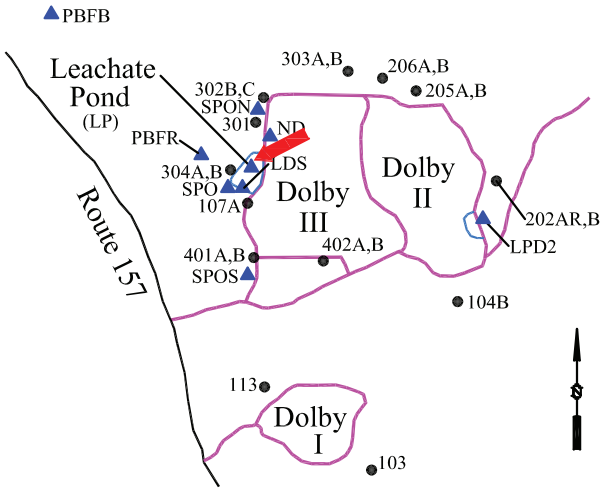
Well Description

Sample from the leachate pond to the west of landfill.

Sampled: **3 times annually**

Sampled Since: **Apr-86**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		1511	1733	1073	630	4760	2100	± 100	59
pH (STU)		7.7	8.1	7.3	6.46	8.46	7.4	± 0.053	59
Temperature (Deg C)		↑28.7	24	10.7	1.7	26.8	15	± 0.85	59
Dissolved Oxygen (mg/L)		5.2	3.7	5.6	2.4	13.9	7.1	± 0.49	27
Benzene (ug/L)		3 U	3 U	3 U	3 U	30 U	4.7	± 0.81	33
Toluene (ug/L)		5 U	5 U	5 U	2.8	50 U	6.3	± 1.4	33
Ethylbenzene (ug/L)		5 U	5 U	5 U	3.7 U	50 U	6.3	± 1.4	33
o-Xylene (ug/L)		5 U	5 U	5 U	4.4 U	50 U	6.3	± 1.4	33
m,p-Xylene (ug/L)		10 U	10 U	10 U	0.96	100 U	11	± 2.8	33
C11-C22 AROMATICS (ADJUSTED) (ug/L)		93 U	94 U	94 U	93 U	280	100	± 7.1	26
C19-C36 ALIPHATICS (ADJUSTED) (ug/L)		93 U	94 U	94 U	93 U	360	110	± 10	26
C5-C8 ALIPHATICS (ADJUSTED) (ug/L)		100 U	100 U	100 U	75 U	1000 U	130	± 39	23
C9-C10 AROMATICS (ADJUSTED) (ug/L)		100 U	100 U	100 U	25 U	1000 U	120	± 40	23
C9-C12 ALIPHATICS (ADJUSTED) (ug/L)		100 U	100 U	100 U	25 U	1000 U	120	± 40	23
C9-C18 ALIPHATICS (ADJUSTED) (ug/L)		93 U	94 U	94 U	93 U	104 U	96	± 0.6	26
Methyltertiarybutylether (ug/L)		5 U	5 U	5 U	2 U	50 U	6.4	± 1.6	28
Naphthalene (ug/L)		5 U	5 U	5 U	1.7 U	50 U	6.3	± 1.6	29
Naphthalene (EPH) (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	2 U	1.9	± 0.006	18
2-Methylnaphthalene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Acenaphthylene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Acenaphthene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Fluorene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Phenanthrene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Anthracene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Fluoranthene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Pyrene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Benzo(a)Anthracene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Chrysene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Benzo(b)Fluoranthene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Benzo(k)Fluoranthene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Benzo(a)Pyrene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Indeno(1,2,3-c,d)Pyrene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Dibenz(a,h)Anthracene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Benzo(g,h,i)perylene (ug/L)		1.9 U	1.9 U	1.9 U	1.9 U	10 U	3	± 0.44	28
Aluminum (mg/L)				0.3 U	0.02 U	0.3 U	0.16	± 0.025	21
Antimony (mg/L)				0.008 U	0.00035 U	0.011	0.0056	± 0.000	16
Arsenic (mg/L)		0.012	0.008 U	0.008	0.0036	0.068	0.021	± 0.002	57

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Dolby Landfill 2020 Leachate Stats

Barium (mg/L)			0.0974	0.0439 to 0.25	0.14 ± 0.011	21
Beryllium (mg/L)			0.005 U	0.00002 U to 0.005 U	0.003 ± 0.000	16
Cadmium (mg/L)			0.005 U	0.00015 to 0.005 U	0.0024 ± 0.000	16
Calcium (mg/L)	122	83.1	110	30 to 340	150 ± 9.4	53
Chromium (mg/L)			0.01 U	0.0036 to 0.01 U	0.007 ± 0.000	21
Cobalt (mg/L)			0.0116	0.0064 to 0.05 U	0.036 ± 0.004	21
Copper (mg/L)			0.025 U	0.00028 U to 0.025 U	0.0097 ± 0.002	21
Iron (mg/L)	4.57	1.7	3.78	1.18 to 76.7	12 ± 1.8	59
Lead (mg/L)			0.005 U	0.00077 U to 0.005	0.0036 ± 0.000	21
Magnesium (mg/L)	106	170	70.4	24 to 350	120 ± 8.3	53
Manganese (mg/L)	1.6	↓0.452	2.32	0.728 to 20.95	6.3 ± 0.64	59
Nickel (mg/L)			0.0175	0.005 to 0.022	0.012 ± 0.000	21
Potassium (mg/L)	117	188	77.5	26 to 410	150 ± 11	59
Selenium (mg/L)			0.01 U	0.005 U to 0.016	0.0095 ± 0.000	21
Silver (mg/L)			0.01 U	0.001 U to 0.01 U	0.0068 ± 0.001	16
Sodium (mg/L)	43.1	70.6	27.1	9.39 to 140	53 ± 3.5	58
Thallium (mg/L)			0.015 U	0.00125 U to 0.02	0.008 ± 0.002	16
Zinc (mg/L)			0.02 U	0.005 U to 0.021 U	0.014 ± 0.001	21
Ammonia (N) (mg/L)	12	4.4	3.7	1.1 to 27	12 ± 0.86	59
Nitrate (N) (mg/L)	0.05 U	0.31	4.4	0.05 U to 15.5	1.7 ± 0.38	59
Total Phosphorus Mixed Forms (PO4 and C	0.1 U	0.1 U	0.1 U	0.022 to 1.364	0.28 ± 0.037	58
Total Dissolved Solids (mg/L)	1000	1200	750	270 to 3903	1400 ± 87	59
Total Suspended Solids (mg/L)	4 U	10	9.6	4 U to 133	50 ± 4.6	59
Sulfate (mg/L)	1 U	1.4	88	1 U to 320	47 ± 6.9	59
Ca-mg Hardness (CaCO3) (mg/L)	742	907	565	259 to 2300	910 ± 47	59
Bicarbonate Alkalinity (CaCO3) (mg/L)	1000	1000	540	260 to 2550	1100 ± 58	59
Alkalinity (CaCO3) (mg/L)	1000	1000	540	260 to 2700	1100 ± 62	59
Organic Carbon (mg/L)	32	43	24	9.9 to 383.4	86 ± 10	59
Chloride (mg/L)	39	57	27	11 to 248	69 ± 6.1	59
Turbidity (field) (NTU)	3.1	5.6	2.1	0.8 to 74.3	20 ± 4.1	27

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

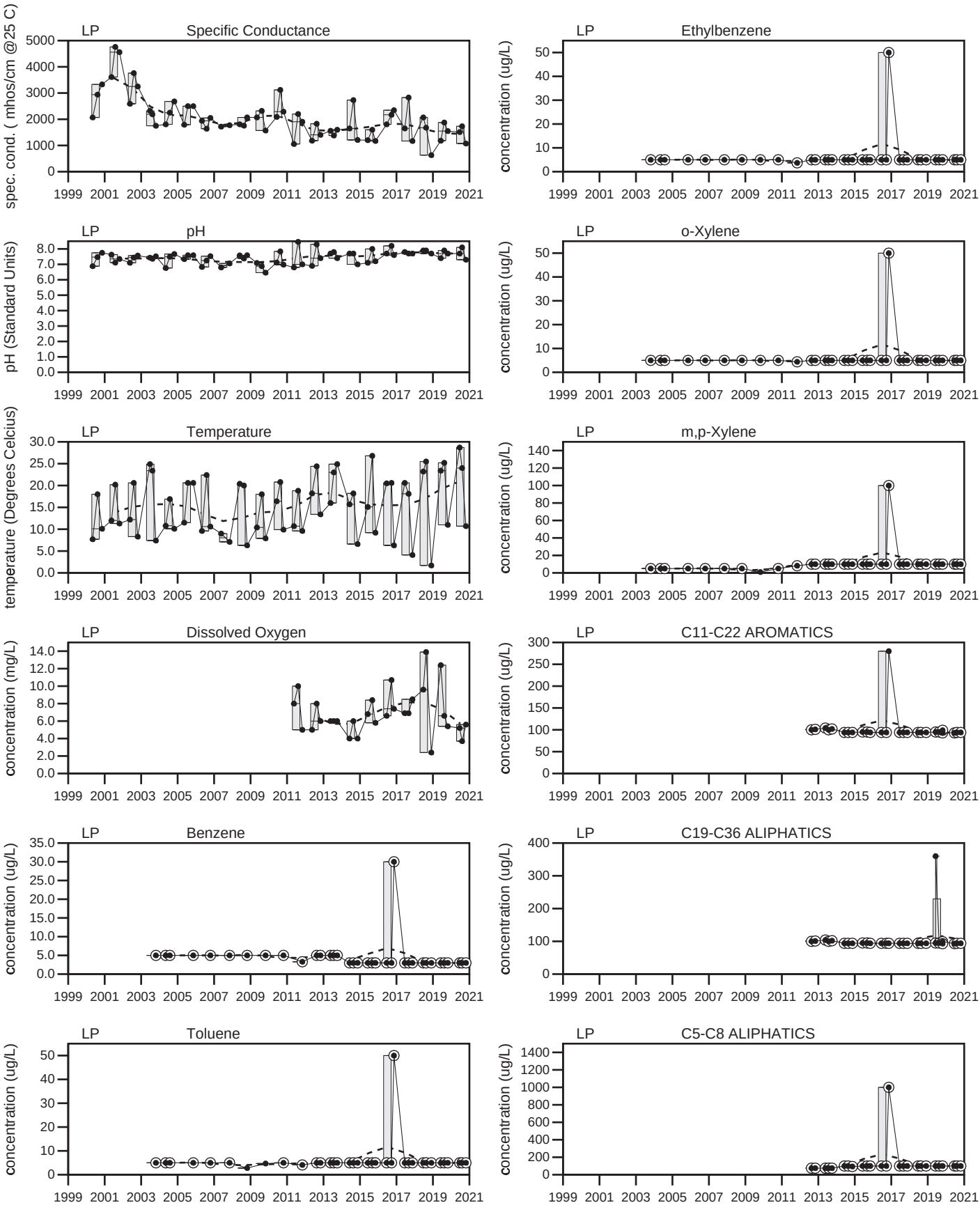
↑ indicates a value greater than the historical maximum value; ↓ indicates a value less than the historical minimum value.

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020



LEGEND

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

Dolby Landfill

LP

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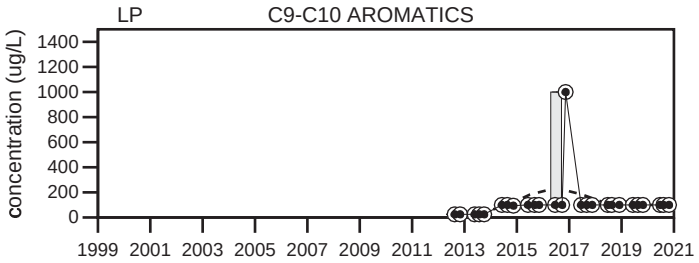

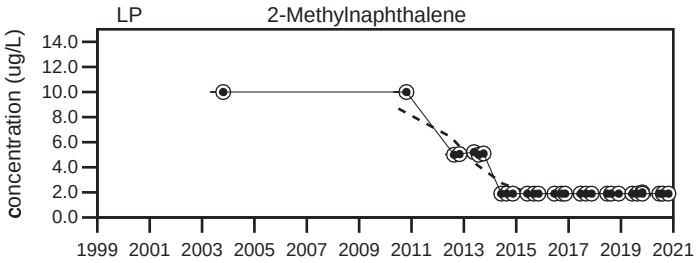

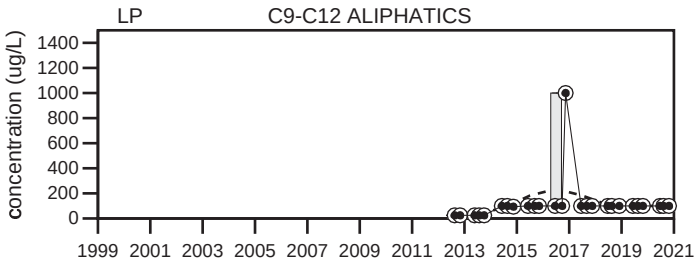

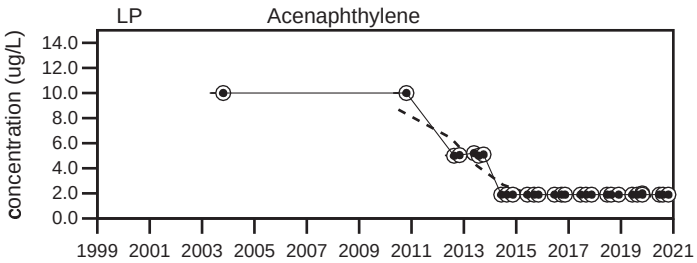

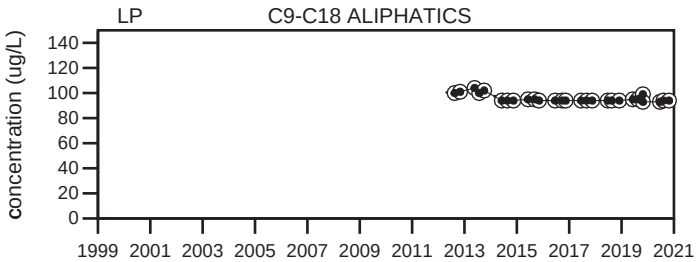

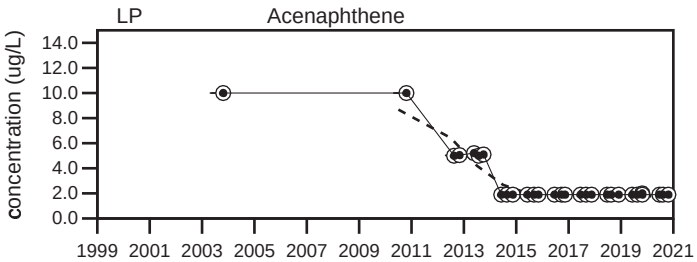

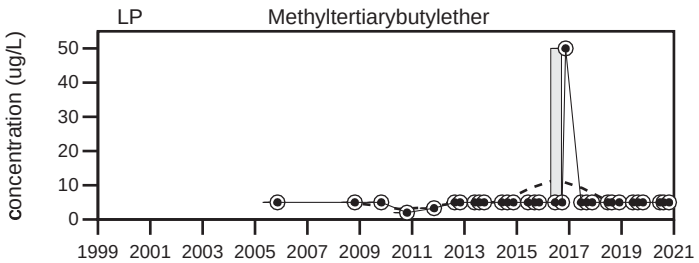

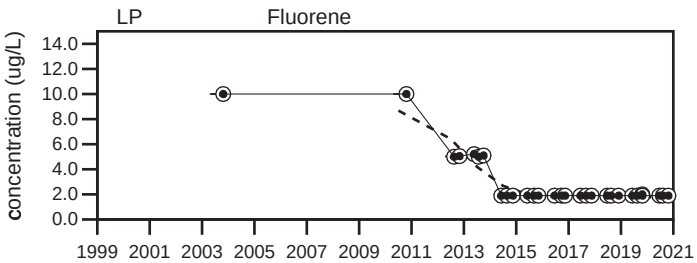

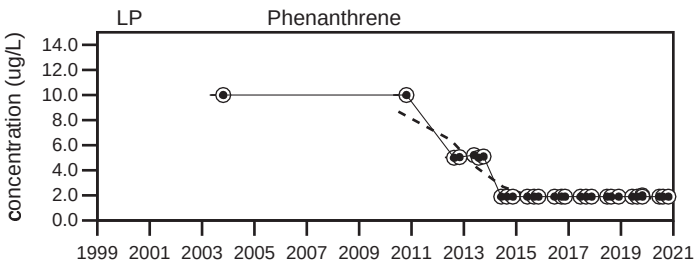

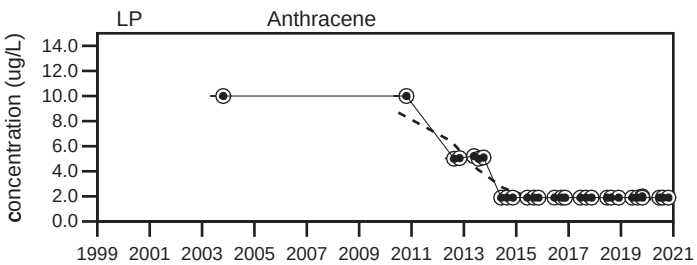

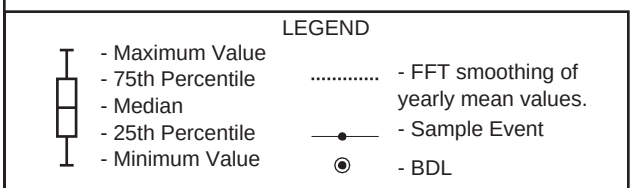

Dolby Landfill

LP

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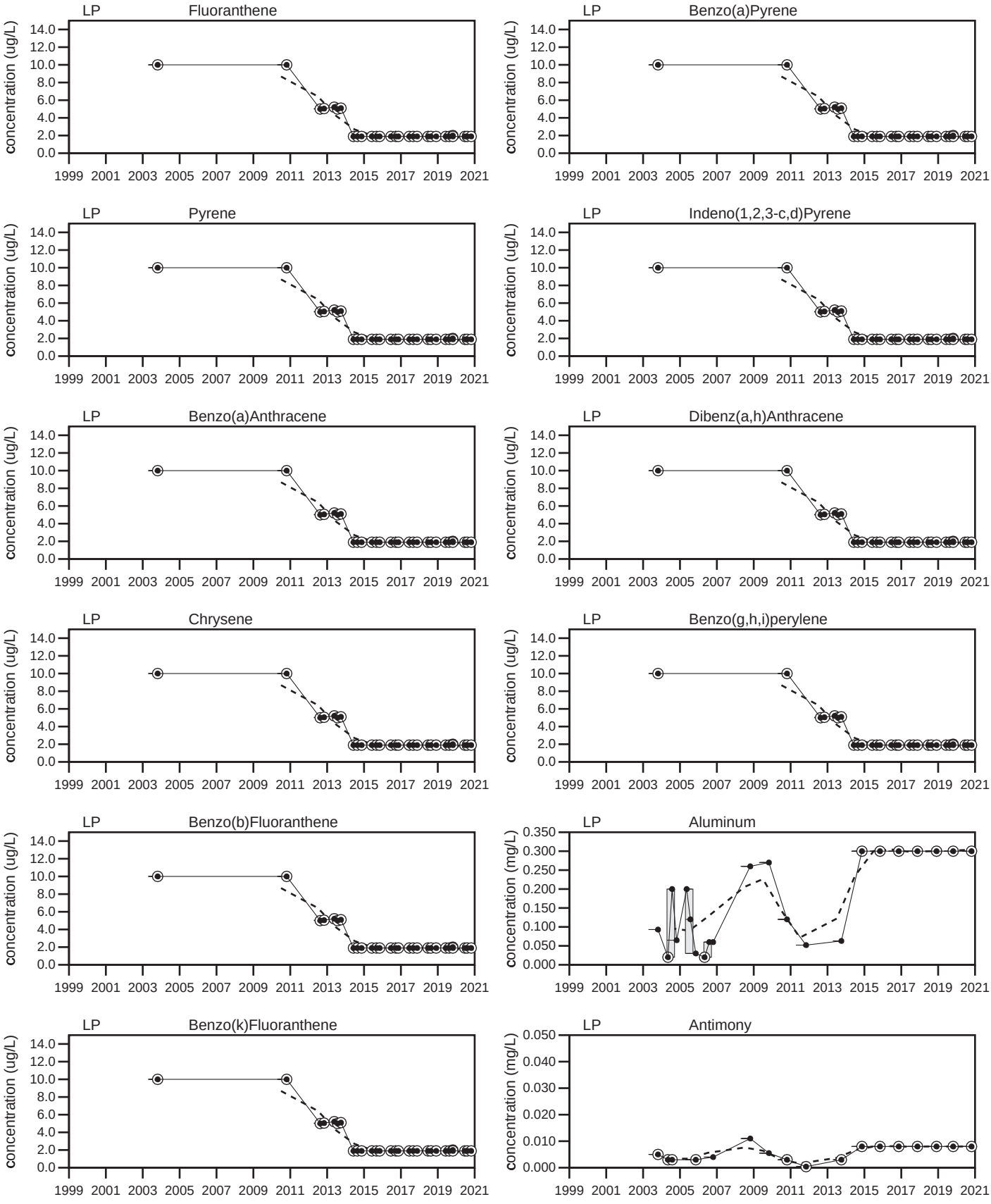

Dolby Landfill

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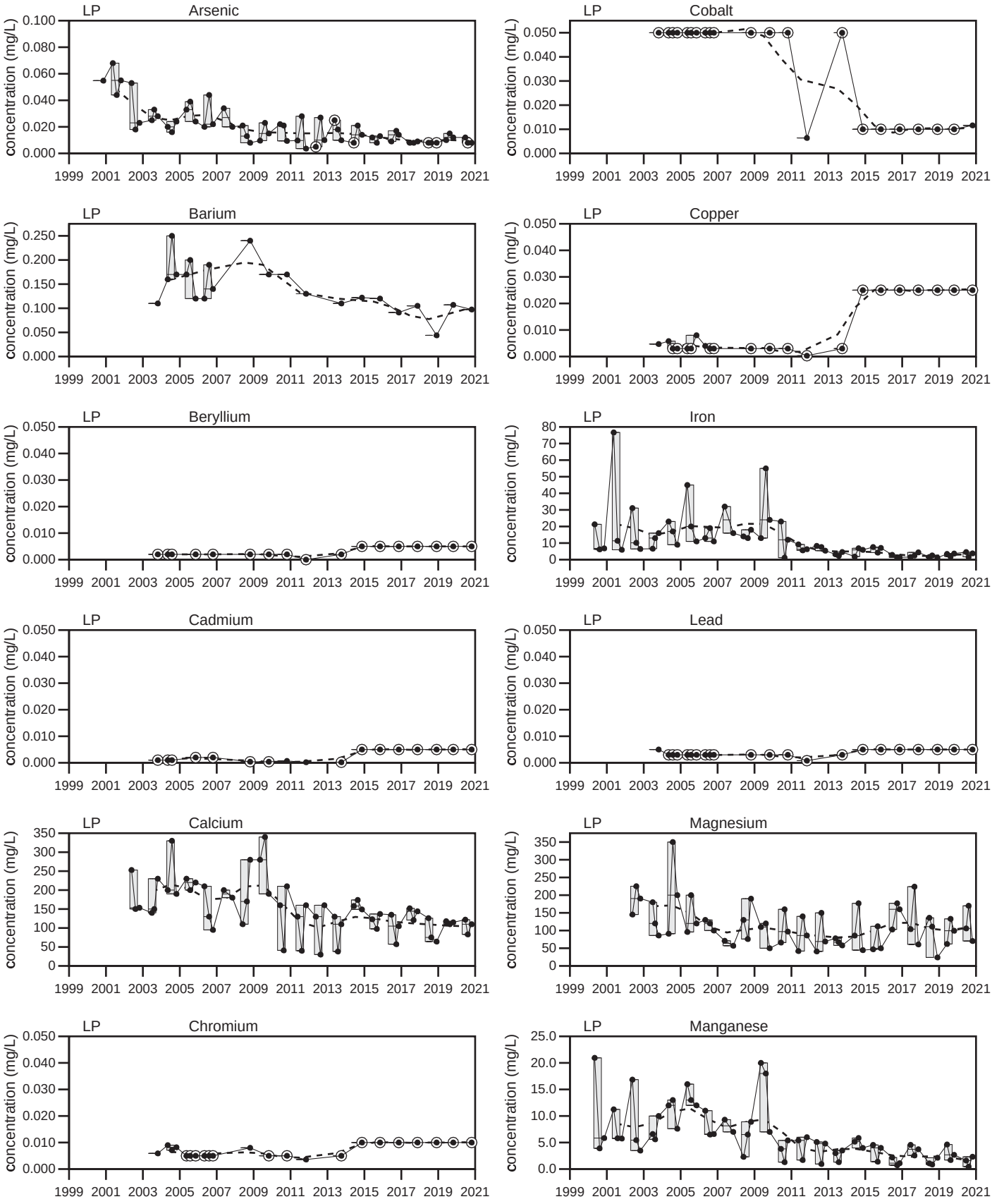

Dolby Landfill

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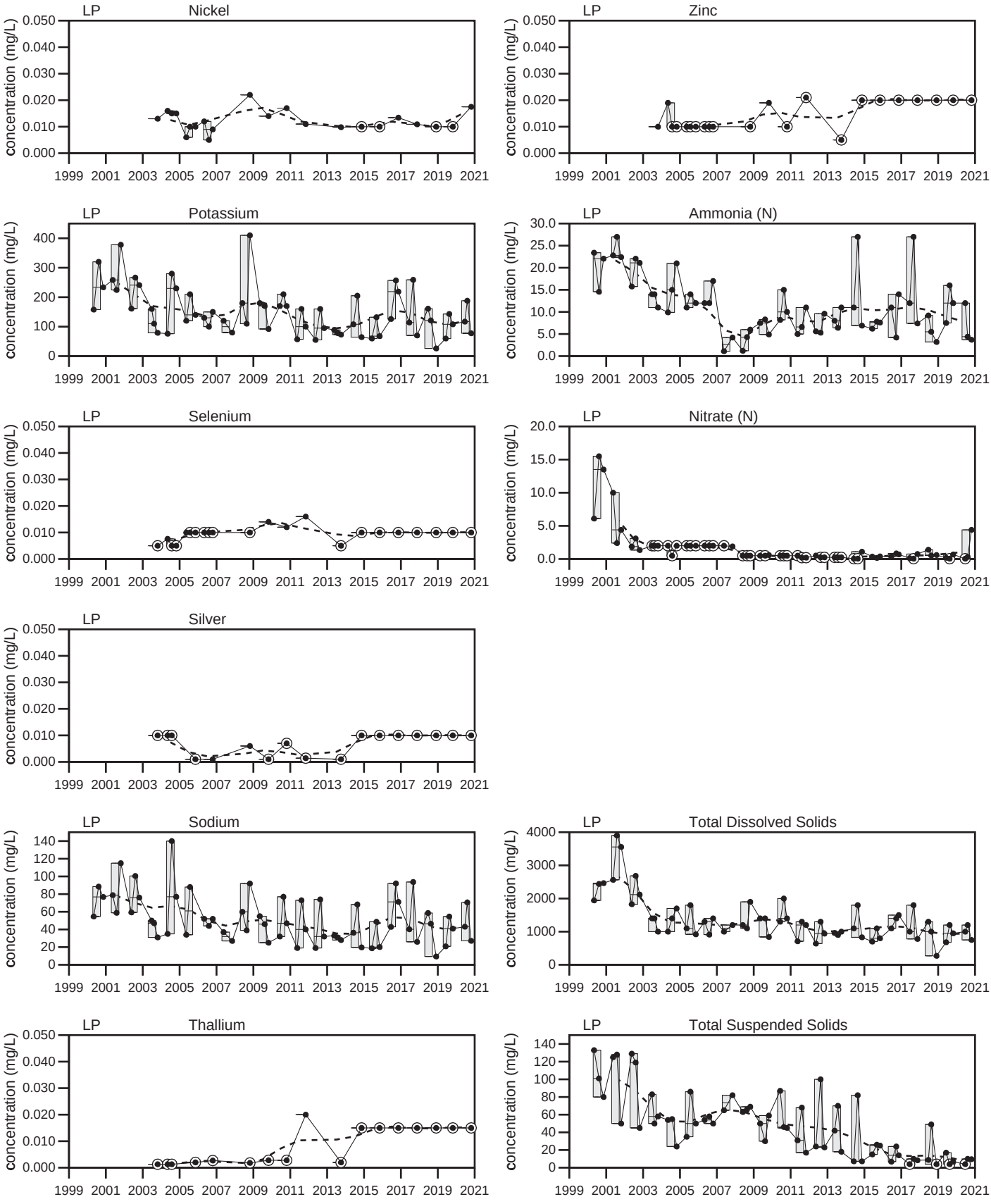

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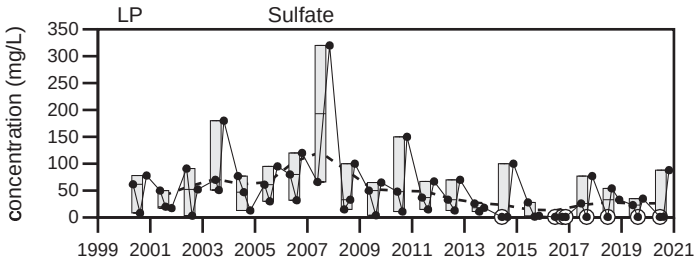
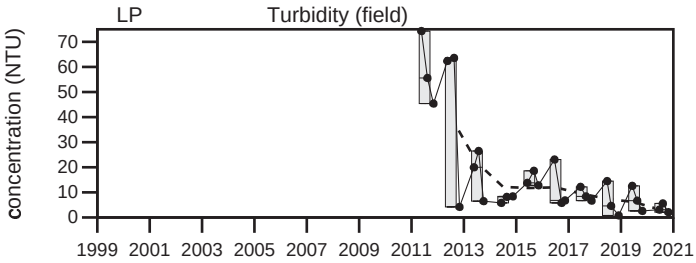
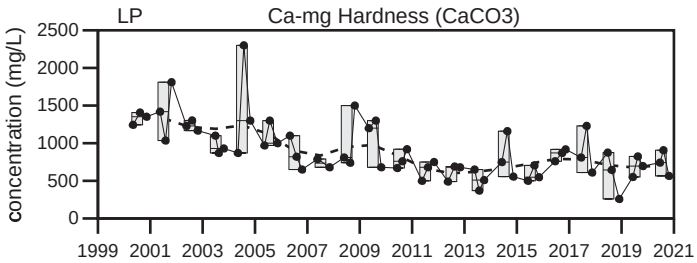
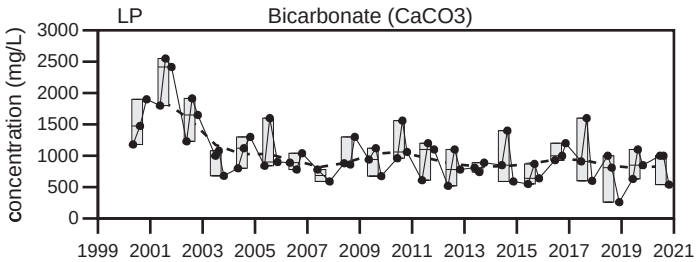
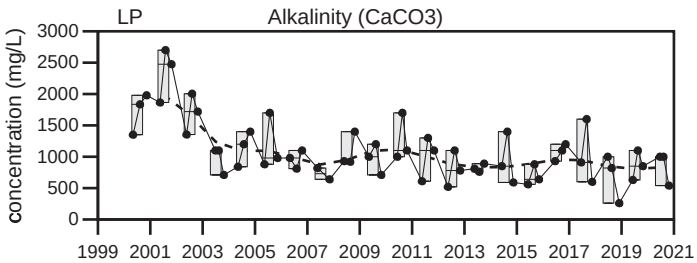
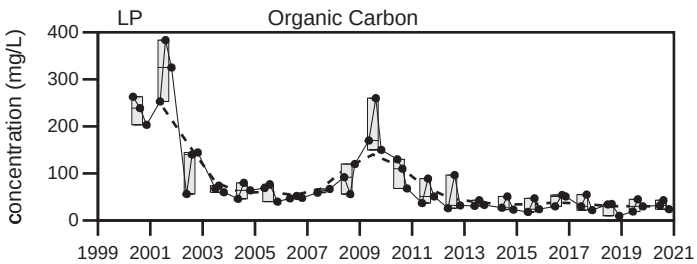


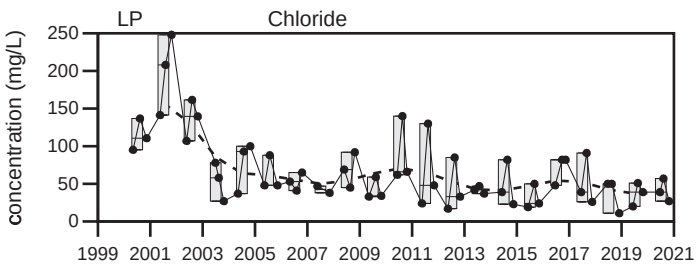


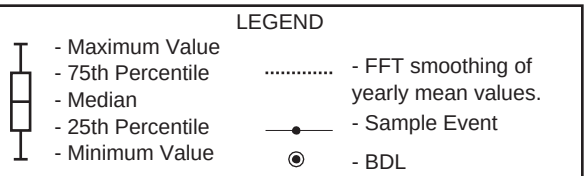












Dolby Landfill

LP

Sevee & Maher Engineers, Inc.

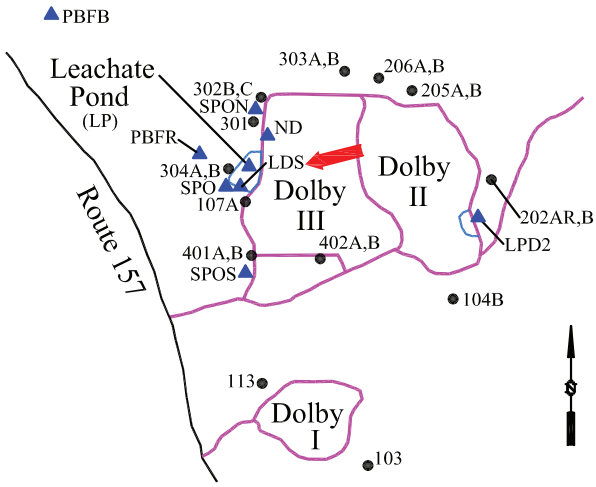
Well Description

Sample from the leak detection system at the Dolby III leachate pond west landfill.

Sampled: **3 Times Annually**

Sampled Since: **May-08**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		1415	1099	1193	887	to 1773	1200	± 45	36
Dissolved Oxygen (mg/L)		2.5	1.7	2.2	0.3	to 6	1.6	± 0.23	27
Total Dissolved Solids (mg/L)		860	790	780	370	to 1000	720	± 25	36
Arsenic (mg/L)		0.012	0.017	0.008 U	0.006	to 0.034	0.014	± 0.001	36
Calcium (mg/L)		133	142	137	29	to 210	140	± 5	36
Manganese (mg/L)		4.34	4.45	4.51	1.5	to 14	5.5	± 0.43	36
pH (STU)		7.3	7	7.1	6.57	to 7.8	7.1	± 0.043	36
Alkalinity (CaCO3) (mg/L)		630	580	580	320	to 950	620	± 25	36
Ca-mg Hardness (CaCO3) (mg/L)		531	573	559	180	to 870	560	± 23	36
Bicarbonate Alkalinity (CaCO3) (mg/L)		630	580	580	320	to 880	610	± 24	36
Sodium (mg/L)		↑125	↑97	↑88.8	5.1	to 45	31	± 1.3	36
Chloride (mg/L)		↑150	↑120	↑110	4	to 54	37	± 1.4	36
Iron (mg/L)		5.82	5.74	6.01	2.87	to 24	7.6	± 0.84	36
Magnesium (mg/L)		48.3	52.8	52.7	26	to 87.9	53	± 3.1	36
Potassium (mg/L)		39.4	44.1	39.7	1 U	to 110	45	± 4.3	36
Sulfate (mg/L)		12	5.8	10 U	1 U	to 51	17	± 2	36
Total Suspended Solids (mg/L)		13	17	10	4 U	to 72	16	± 2.4	36
Turbidity (field) (NTU)		0.8	0.9	0.8	0	to 5.9	1.9	± 0.25	28
Ammonia (N) (mg/L)		2.4	2.6	2.4	0.2 U	to 7.9	3.2	± 0.38	36
Nitrate (N) (mg/L)		0.05 U	0.05 U	0.05 U	0.05 U	to 0.5 U	0.23	± 0.033	36
Organic Carbon (mg/L)		11	11	10	6.2	to 49	18	± 1.7	36

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

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

Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 181

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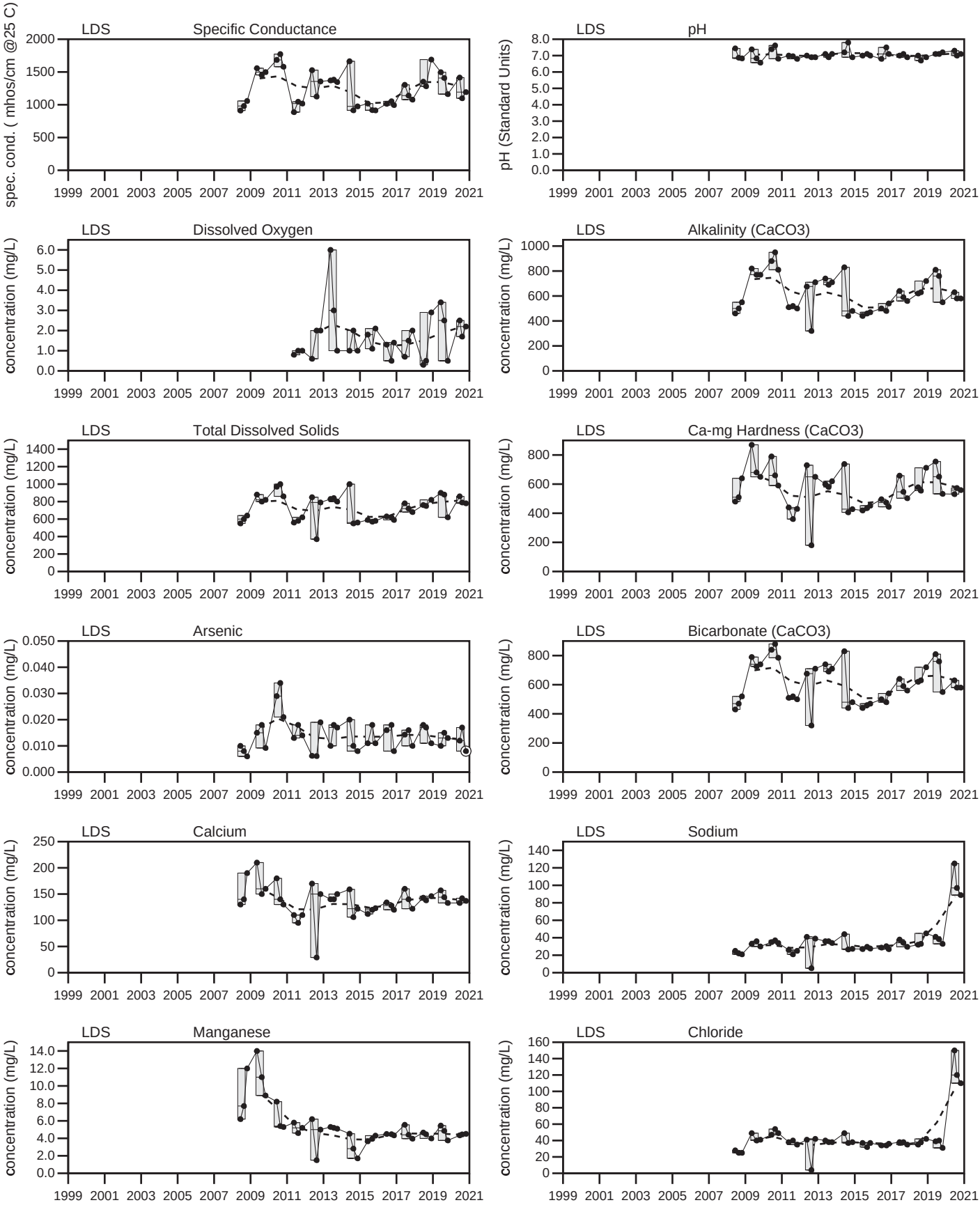

LEGEND

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

Dolby Landfill

LDS

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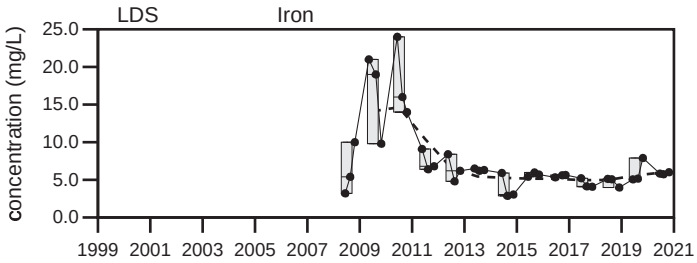
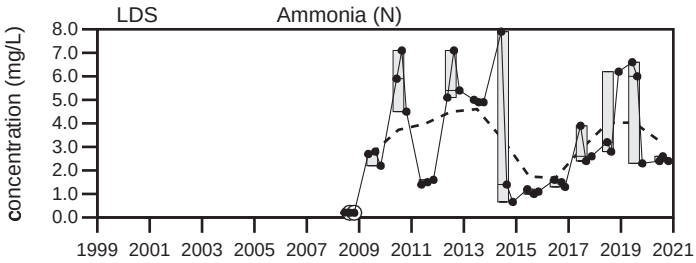
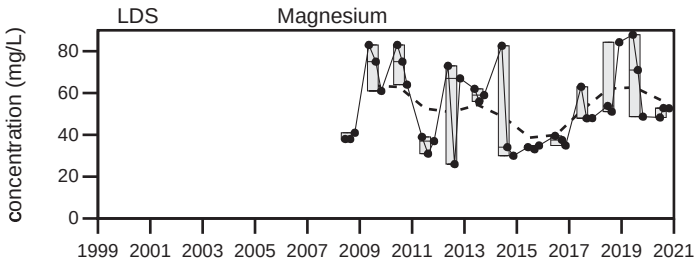
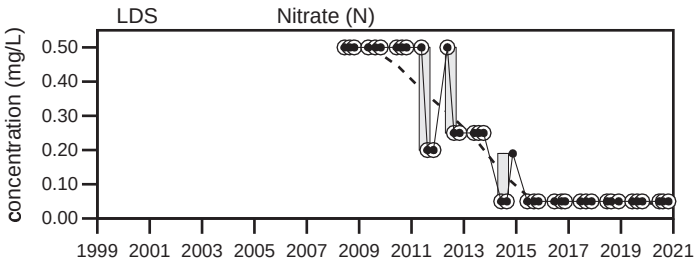
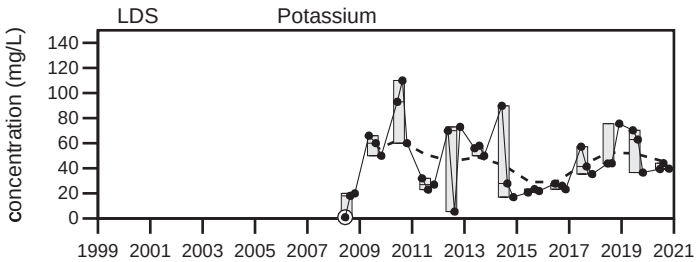
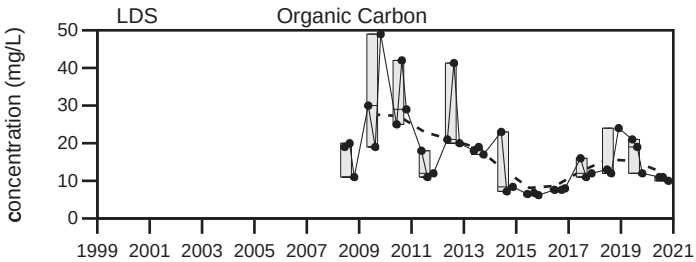


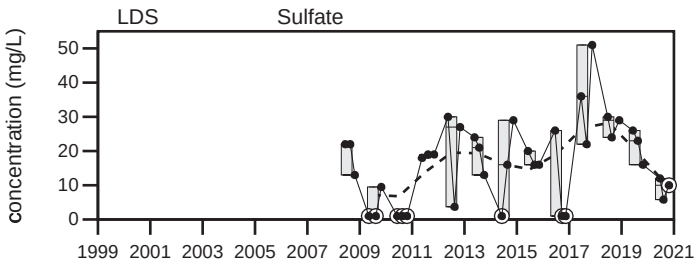


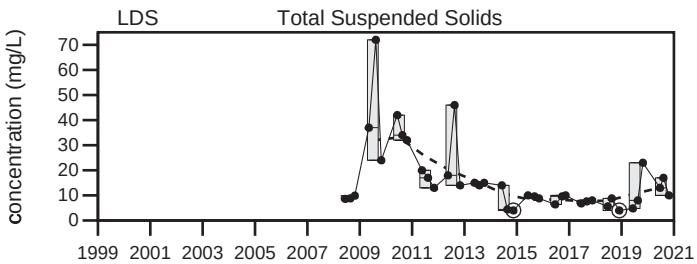


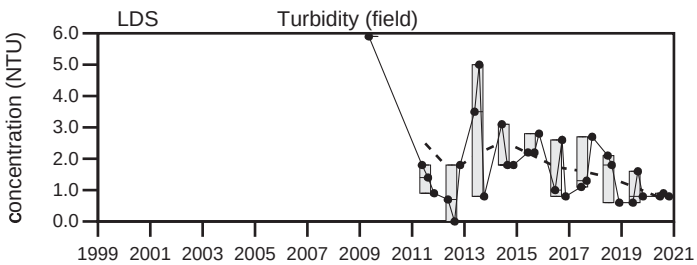












LEGEND

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

Dolby Landfill

LDS

Sevee & Maher Engineers, Inc.

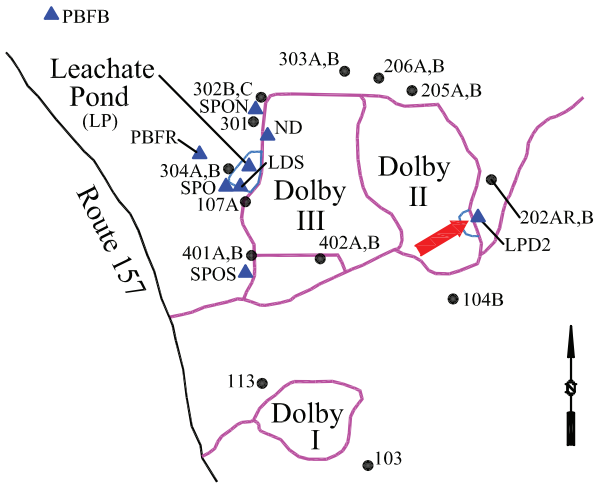
Well Description

Leachate Pond East of Dolby II

Sampled: **3 times annually**

Sampled Since: **May-05**

Sampling Method: **Grab**



Chemical Summary

Indicator Parameters	2020 Q1	2020 Q2	2020 Q3	2020 Q4	Historical (1/1/2000 - 12/31/2020) Min	Max	Mean	SE	n
Specific Conductance (µmhos/cm @25°C)		343	476	172	94	to 729	310	± 24	43
Dissolved Oxygen (mg/L)		3.2	4.2	6.5	0.5	to 12.3	5.2	± 0.41	42
Total Dissolved Solids (mg/L)		200	370	150	26	to 810	190	± 20	43
Arsenic (mg/L)		0.008 U	0.011	0.008 U	0.0025	to 0.024	0.0073	± 0.000	43
Calcium (mg/L)		41	46.3	26.9	12	to 130	32	± 2.9	43
Manganese (mg/L)		0.576	1.32	0.534	0.023	to 5.1	0.93	± 0.18	43
pH (STU)		7	7.5	6.6	6.3	to 8.29	7.2	± 0.072	43
Alkalinity (CaCO3) (mg/L)		220	280	↓21	44	to 710	150	± 19	43
Ca-mg Hardness (CaCO3) (mg/L)		192	297	90.2	44	to 550	150	± 16	43
Bicarbonate Alkalinity (CaCO3) (mg/L)		220	280	↓21	44	to 710	150	± 18	43
Sodium (mg/L)		3.77	10	1.21	1 U	to 36	3.7	± 0.86	43
Chloride (mg/L)		2.2	14	2 U	0.58	to 41	3.7	± 0.93	43
Iron (mg/L)		1.4	13	↓0.193	0.4	to 15.2	3.4	± 0.52	43
Magnesium (mg/L)		21.7	44	5.6	2.8	to 61	17	± 2.4	43
Potassium (mg/L)		4.71	7.67	2.69	1.15	to 52	4.9	± 1.2	43
Sulfate (mg/L)		6.3	1 U	40	1 U	to 43	12	± 1.8	43
Total Suspended Solids (mg/L)		4 U	12	4 U	0.6 U	to 34	9.6	± 1.3	43
Turbidity (field) (NTU)		1.6	3.6	1.3	0	to 55.3	9.4	± 2	43
Ammonia (N) (mg/L)		3.6	3.7	0.18	0.1 U	to 6.3	2	± 0.27	43
Nitrate (N) (mg/L)		0.05 U	0.05 U	↑6.2	0.05 U	to 5.3	0.91	± 0.16	43
Organic Carbon (mg/L)		10	↑43	9.8	4	to 40	12	± 1.3	43

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

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

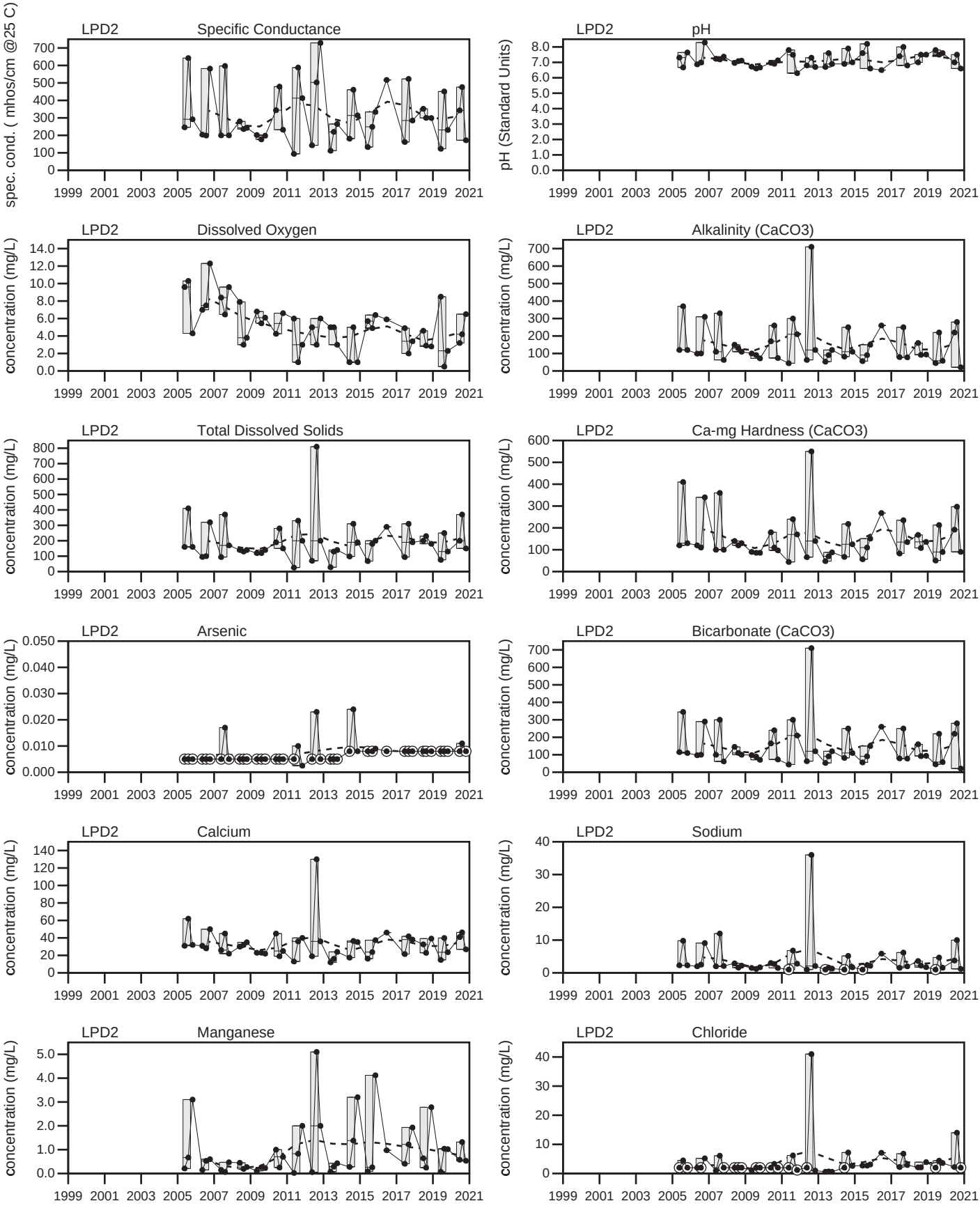
Comments

Q2= 6 - 2020 U = Not Detected above the laboratory reporting limit.

Q3= 8 - 2020

Q4= 10 - 2020

Data Group: 181
Printed: 3/30/2021 08:39



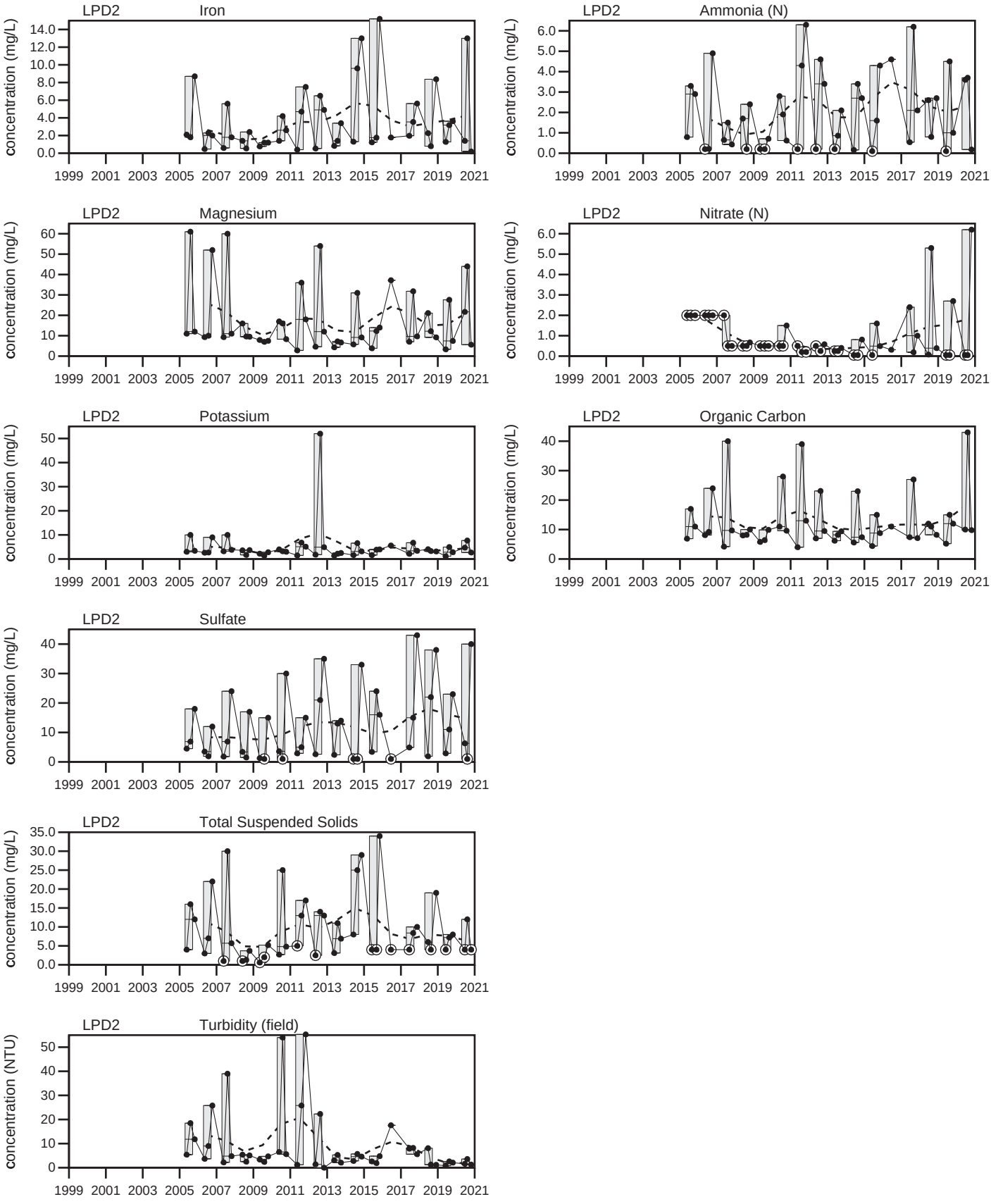
LEGEND

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

Dolby Landfill

LPD2

Sevee & Maher Engineers, Inc.



Dolby Landfill

LPD2

Sevee & Maher Engineers, Inc.

APPENDIX I

MANN-KENDALL TREND ANALYSES

SME
SEVEE & MAHER
ENGINEERS

Summary of Mann-Kendall Trend Analysis
95% Confidence (alpha=0.05)
Dolby Landfill 2020

3-yr trend: 1/1/2018 to 12/31/2020 5-yr trend: 1/1/2016 to 12/31/2020

	Increasing Trends		Decreasing Trends		NoTrends	
LOCATION	3 Year	5 Year	3 Year	5 Year	3 Year	5 Year
104B		Ca, Hard(CaMg)	Spec Cond, pH, NO3 - N, SO4	Mn, SO4	Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Elev., WLE NGVD29ft, Water Depth, DO, As, Fe, Mg, K, Na, NH3 - N, NO3 - N, TDS, TSS, HCO3, ALK, OC, Cl, TURB (fld)
107A		pH, DO		Fe	Spec Cond, pH, Temp, Water Elev., Water Depth, WLE NGVD29ft, DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)	Spec Cond, Temp, Water Depth, WLE NGVD29ft, Water Elev., As, Ca, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
113	Water Depth	pH, Temp, DO, TURB (fld)	WLE NGVD29ft, Water Elev.		Spec Cond, pH, Temp, DO, TURB (fld)	Spec Cond, Water Elev., Water Depth, WLE NGVD29ft
202AR	OC	pH, OC	Spec Cond, Cl	Spec Cond, Fe, Cl	pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, TURB (fld)	Temp, WLE NGVD29ft, Water Elev., Water Depth, DO, As, Ca, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, TURB (fld)
205A	Fe	DO	Spec Cond, SO4, Cl	Spec Cond, SO4, Cl	pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, TURB (fld)	pH, Temp, WLE NGVD29ft, Water Depth, Water Elev., As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, TURB (fld)
205B		DO	TDS	SO4	Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
206A			TURB (fld)		Spec Cond, pH, Temp, WLE NGVD29ft, Water Elev., Water Depth, DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl	Spec Cond, pH, Temp, Water Elev., Water Depth, WLE NGVD29ft, DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
206B					Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
301	Na	pH, Mg, Na, HCO3, ALK, OC	Spec Cond, SO4, Cl	Cl	pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, TURB (fld)	Spec Cond, Temp, WLE NGVD29ft, Water Elev., Water Depth, DO, As, Ca, Fe, Mn, K, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), TURB (fld)
302B	OC	Ca, Mg, Mn, K, Na, NH3 - N, Hard(CaMg), HCO3, ALK, OC	Spec Cond	SO4, Cl	pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Elev., WLE NGVD29ft, Water Depth, DO, As, Fe, NO3 - N, TDS, TSS, TURB (fld)
302C		pH, Mg, Mn, K, Na, NH3 - N, HCO3, ALK, OC	Cl	Cl	Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, TURB (fld)	Spec Cond, Temp, Water Elev., WLE NGVD29ft, Water Depth, DO, As, Ca, Fe, NO3 - N, TDS, TSS, SO4, Hard(CaMg), TURB (fld)

303A	HCO3, ALK		Fe	SO4	Spec Cond, pH, Temp, WLE NGVD29ft, Water Elev., Water Depth, DO, As, Ca, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), OC, Cl, TURB (fld)	Spec Cond, pH, Temp, WLE NGVD29ft, Water Depth, Water Elev., DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
303B	Mn, NH3 - N	DO, NH3 - N			Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, K, Na, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., As, Ca, Fe, Mg, Mn, K, Na, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
304A	Na	Mn	pH, SO4	SO4	Spec Cond, Temp, WLE NGVD29ft, Water Elev., Water Depth, DO, As, Ca, Fe, Mg, Mn, K, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mg, K, Na, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
304B	Fe, TSS	Fe, Mn, TSS			Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Mg, K, Na, NH3 - N, NO3 - N, TDS, SO4, Hard(CaMg), HCO3, ALK, OC, Cl, TURB (fld)
401A	Mg, K, Hard(CaMg)	HCO3, ALK	Spec Cond, Cl	Cl	pH, Temp, Water Elev., Water Depth, WLE NGVD29ft, DO, As, Ca, Fe, Mn, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, HCO3, ALK, OC, TURB (fld)	Spec Cond, pH, Temp, WLE NGVD29ft, Water Elev., Water Depth, DO, As, Ca, Fe, Mg, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), OC, TURB (fld)
401B	Mg	Ca, Mg, Hard(CaMg), HCO3, ALK	Spec Cond, SO4, Cl	SO4, Cl	pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, As, Ca, Fe, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, Hard(CaMg), HCO3, ALK, OC, TURB (fld)	Spec Cond, pH, Temp, Water Elev., Water Depth, WLE NGVD29ft, DO, As, Fe, Mn, K, Na, NH3 - N, NO3 - N, TDS, TSS, OC, TURB (fld)
402A	DO, Mg, Na, OC	DO, Ca, Fe, Mg, Mn, Na, Hard(CaMg), HCO3, ALK, OC	Spec Cond	SO4	pH, Temp, Water Elev., WLE NGVD29ft, Water Depth, As, Ca, Fe, Mn, K, NH3 - N, NO3 - N, TDS, TSS, SO4, Hard(CaMg), HCO3, ALK, Cl, TURB (fld)	Spec Cond, pH, Temp, Water Elev., Water Depth, WLE NGVD29ft, As, K, NH3 - N, NO3 - N, TDS, TSS, Cl, TURB (fld)
402B	DO, K	pH, DO, K	Spec Cond, TDS, Cl	Spec Cond, Ca, Na, TDS, Hard(CaMg), HCO3, Cl	pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., As, Ca, Fe, Mg, Mn, Na, NH3 - N, NO3 - N, TSS, SO4, Hard(CaMg), HCO3, ALK, OC, TURB (fld)	Temp, Water Elev., WLE NGVD29ft, Water Depth, As, Fe, Mg, Mn, NH3 - N, NO3 - N, TSS, SO4, ALK, OC, TURB (fld)
103		Spec Cond				pH, Temp, Water Depth, WLE NGVD29ft, Water Elev., DO, TURB (fld)

Key

Ag = Silver
Al = Aluminum
ALK = Alkalinity (CaCO3)
As = Arsenic
Ba = Barium
Be = Beryllium
Ca = Calcium
Cd = Cadmium
Cl = Chloride
Co = Cobalt
Cr = Chromium
Cu = Copper
DO = Dissolved Oxygen
Fe = Iron
Hard(CaMg) = Ca-mg Hardness (CaCO3)
HCO3 = Bicarbonate Alkalinity (CaCO3)
K = Potassium
Mg = Magnesium
Mn = Manganese
Na = Sodium
NH3 - N = Ammonia (N)
Ni = Nickel
NO3 - N = Nitrate (N)
OC = Organic Carbon
P = Total Phosphorus Mixed Forms (PO4 and Organic)
Pb = Lead
pH = pH
Sb = Antimony
Se = Selenium
SO4 = Sulfate
Spec Cond = Specific Conductance
TDS = Total Dissolved Solids
Temp = Temperature
Tl = Thallium
TSS = Total Suspended Solids
TURB (fld) = Turbidity (field)
Water Depth = Water Level Depth
Water Elev. = Water Level Elevation
Well Depth = Well Depth
Zn = Zinc

- Values below the laboratory PQL (non-detects) are divided by 2. All other data qualifiers are ignored but any associated value is used.

- Samples collected for data quality control are not analyzed.

- Data sets with less than 5 data points are not analyzed.

- Data sets with a period shorter than the intended period of analysis (e.g. 3-yr analysis or 5-yr analysis) are not analyzed.

- Significant events in historical data can affect the distribution in a way that compromises the assumption of a monotonic data set. Events could include the cessation of filtering, a spill, changing sampling protocols or analytical method changes that alter the detection limit.

REFERENCES:

State of Wisconsin, Department of Natural Resources, Remediation and Redevelopment Program Mann-Kendall Statistical Test, Form 4400-215 (2/2001)

Gilbert, R.O., Statistical Methods for Environmental Pollution Monitoring, Van Nostrand Reinhold, 1987, pp. 204 – 240 and 272.

Hollander, M. and Wolfe, A.M Nonparameteric Statistical Methods, John Wiley Sons, 1999

APPENDIX J

LANDFILL GAS MONITORING DATA

SME
SEVEE & MAHER
ENGINEERS

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

(107B) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm											
107B															
5/17/2011	0.1 US	0.1 US	0	0											
8/10/2011	0.1 US	0.1 US	0	0											
11/3/2011	0.1 US	0.1 US	0	0											
1/10/2012	0.1 US	0.1 US	0	0											
5/14/2012	0.1 US	0.1 US	0	0											
8/14/2012	0.1 US	0.1 US	0	0											
10/31/2012	0.1 US	0.1 US	0	0											
5/20/2013	0.1 US	0.1 US	0	0											
7/24/2013	0.1 US	0.1 US	0	0											
10/1/2013	0.1 US	0.1 US	0	0											
6/2/2014	0.1 US	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	0.1 US	0.1 US	0	0											
6/1/2015	0.1 US	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.1 US	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	0.1 US	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	0.1 US	0.1 US	0	0											
8/13/2018	0.1 US	0.1 US	0	0											
11/26/2018	0.1 US	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.1 US	0.1 US	0	0											
10/21/2019	0.1 US	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.1 US	0.1 US	0	0											
10/19/2020	0.1 US	0.1 US	0	0											
CB-13															
5/17/2011	0.3	0.1 US	0	0											
8/10/2011	3.8	0.1 US	0	0											
11/3/2011	1.2	0.1 US	1	0											
1/10/2012	1.3	0.1 US	6	0											
5/14/2012	0.1 US	0.1 US	0	0											
8/14/2012	0.1 US	0.1 US	0	0											
10/31/2012	0.5	0.1 US	0	0											
5/20/2013	0.1	0.1 US	0	0											
7/24/2013	0.3	0.1 US	0	0											
10/1/2013	0.1 US	0.1 US	2	0											
6/2/2014	0.1 US	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	1	0.1 US	0	0											
6/1/2015	0.5	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											

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

(CB-13) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm
12/17/2015	2.2	0.1 US	2	0
6/13/2016	0.1 US	0.1 US	0	0
9/19/2016	0.1 US	0.1 US	0	0
11/7/2016	0.1 US	0.1 US	0	0
6/12/2017	0.1 US	0.1 US	0	0
8/28/2017	0.1 US	0.1 US	0	0
11/13/2017	0.1 US	0.1 US	0	0
6/18/2018	0.1 US	0.1 US	0	0
8/13/2018	0.1 US	0.1 US	0	0
11/26/2018	0.5	0.1 US	0	0
6/3/2019	0.1 US	0.1 US	0	0
8/12/2019	0.1 US	0.1 US	0	0
10/21/2019	0.1 US	0.1 US	0	0
6/15/2020	0.1 US	0.1 US	0	0
8/3/2020	0.1 US	0.1 US	0	0
10/19/2020	0.1 US	0.1 US	0	0
CB-21				
5/17/2011	2.2	0.1	11	0
8/10/2011	1.5	0.1 US	2	0
11/3/2011	7.5	0.1 US	36	0
1/10/2012	1.5	0.1 US	8	0
5/14/2012	0.2	0.1 US	0	0
8/14/2012	0.8	0.1 US	0	0
10/31/2012	2.2	0.1 US	7	0
5/20/2013	0.2	0.1 US	0	0
7/24/2013	0.1 US	0.1 US	0	0
10/1/2013	0.1 US	0.1 US	0	0
6/2/2014	0.3	0.1 US	0	0
8/18/2014	1.4	0.1 US	0	0
11/10/2014	0.3	0.1 US	0	0
6/1/2015	1.3	0.1 US	0	0
9/3/2015	0.1 US	0.1 US	0	0
12/17/2015	1.7	0.1 US	0	0
6/13/2016	0.1 US	0.1 US	0	0
9/19/2016	0.1 US	0.1 US	0	0
11/7/2016	0.7	0.1 US	0	0
6/12/2017	1.8	0.1 US	0	0
8/28/2017	0.1 US	0.1 US	0	0
11/13/2017	0.1 US	0.1 US	0	0
6/18/2018	2.4	0.1 US	3	0
8/13/2018	0.1	0.1 US	0	0
11/26/2018	0.3	0.1 US	0	0
6/3/2019	0.1 US	0.1 US	0	0
8/12/2019	1.7	0.1 US	1.1	0
10/21/2019	0.1 US	0.1 US	0	0
6/15/2020	0.1 US	0.1 US	0	0
8/3/2020	0.1 US	0.1 US	0	0
10/19/2020	0.1 US	0.1 US	0	0

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

(CB-22) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm										
CB-22														
5/17/2011	0.1 US	0.1 US	0	0										
8/10/2011	0.1 US	0.1 US	0	0										
11/3/2011	0.1 US	0.1 US	0	0										
1/10/2012	0.1 US	0.1 US	0	0										
5/14/2012	1.3	0.1 US	1	0										
8/14/2012	2.6	0.1 US	0	0										
10/31/2012	0.1 US	0.1 US	0	0										
5/20/2013	0.1 US	0.1 US	0	0										
7/24/2013	0.1 US	0.1 US	0	0										
10/1/2013	0.5	0.1 US	0	0										
6/2/2014	0.1 US	0.1 US	0	0										
8/18/2014	0.1 US	0.1 US	0	0										
11/10/2014	0.1 US	0.1 US	0	0										
6/1/2015	0.1 US	0.1 US	0	0										
9/3/2015	0.1 US	0.1 US	0	0										
12/17/2015	0.2	0.1 US	0	0										
6/13/2016	0.1 US	0.1 US	0	0										
9/19/2016	0.1 US	0.1 US	0	0										
11/7/2016	0.1 US	0.1 US	0	0										
6/12/2017	1.1	0.1 US	1	0										
8/28/2017	0.1 US	0.1 US	0	0										
11/13/2017	0.1 US	0.1 US	0	0										
6/18/2018	0.1 US	0.1 US	0	0										
8/13/2018	0.3	0.1 US	0	0										
11/26/2018	0.1 US	0.1 US	0	0										
6/3/2019	0.1 US	0.1 US	0	0										
8/12/2019	2.6	0.1 US	0	0										
10/21/2019	0.1	0.1 US	0	0										
6/15/2020	0.1 US	0.1 US	0	0										
8/3/2020	0.1 US	0.1 US	0	0										
10/19/2020	0.1 US	0.1 US	0	0										
CB-30														
5/17/2011	0.6	0.1 US	3	0										
8/10/2011	0.1 US	0.1 US	0	0										
11/3/2011	3.5	0.1 US	2	0										
1/10/2012	0.1 US	0.1 US	0	0										
5/14/2012	4.3	0.1 US	12	0										
8/14/2012	2.2	0.1 US	0	0										
10/31/2012	0.1 US	0.1 US	0	0										
5/20/2013	0.1 US	0.1 US	0	0										
7/24/2013	3	0.1 US	2	0										
10/1/2013	0.5	0.1 US	0	0										
6/2/2014	0.1 US	0.1 US	0	0										
8/18/2014	3.2	0.1 US	0	0										
11/10/2014	0.1 US	0.1 US	0	0										
6/1/2015	2.5	0.1 US	0	0										
9/3/2015	15	0.1 US	0	0										

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

(CB-30) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm
12/17/2015	0.1 US	0.1 US	0	0
6/13/2016	1.2	0.1 US	1	0
9/19/2016	!	!	!	!
11/7/2016	!	!	!	!
6/12/2017	!	!	!	!
8/28/2017	!	!	!	!
11/13/2017	!	!	!	!
6/18/2018	!	!	!	!
8/13/2018	!	!	!	!
11/26/2018	!	!	!	!
CB-35				
5/17/2011	0.1 US	0.1 US	0	0
8/10/2011	6.3	0.1 US	55	0
11/3/2011	0.1 US	0.1 US	0	0
1/10/2012	1.2	0.1 US	5	0
5/14/2012	0.1 US	0.1 US	0	0
8/14/2012	0.1 US	0.1 US	0	0
10/31/2012	0.5	0.1 US	1	0
5/20/2013	0.1 US	0.1 US	0	0
7/24/2013	23.7	0.1 US	17	0
10/1/2013	0.1 US	0.1 US	0	0
6/2/2014	0.1 US	0.1 US	0	0
8/18/2014	0.1 US	0.1 US	0	0
11/10/2014	0.1 US	0.1 US	0	0
6/1/2015	0.1 US	0.1 US	0	0
9/3/2015	0.1 US	0.1 US	0	0
12/17/2015	2.8	0.1 US	12	0
6/13/2016	0.1 US	0.1 US	0	0
9/19/2016	0.1 US	0.1 US	0	0
11/7/2016	0.8	0.1 US	1	0
6/12/2017	0.1 US	0.1 US	0	0
8/28/2017	0.1 US	0.1 US	0	0
11/13/2017	15	0.1 US	5	0
6/18/2018	0.1 US	0.1 US	0	0
8/13/2018	0.1 US	0.1 US	0	0
11/26/2018	1.2	0.1 US	30	0
6/3/2019	0.1 US	0.1 US	0	0
8/12/2019	0.1 US	0.1 US	0	0
10/21/2019	0.1 US	0.1 US	0	0
6/15/2020	0.1 US	0.1 US	0	0
8/3/2020	0.1 US	0.1 US	0	0
10/19/2020	0.1 US	0.1 US	0	0
CB-39				
5/17/2011	0.1	0.1 US	0	0
8/10/2011	0.1 US	0.1 US	0	0
11/3/2011	0.1 US	0.1 US	0	0
1/10/2012	0.1	0.1 US	0	0
5/14/2012	0.3	0.1 US	0	0

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

(CB-39) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm											
8/14/2012	5	0.1 US	0	0											
10/31/2012	3.9	0.1 US	0	0											
5/20/2013	0.6	0.1 US	0	0											
7/24/2013	7.2	0.1 US	0	0											
10/1/2013	1.3	0.1 US	0	0											
6/2/2014	0.2	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	0.1 US	0.1 US	0	0											
6/1/2015	0.1 US	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.7	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	0.3	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	0.1 US	0.1 US	0	0											
8/13/2018	0.1	0.1 US	0	0											
11/26/2018	1	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.8	0.1 US	0	0											
10/21/2019	0.3	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.1 US	0.1 US	0	0											
10/19/2020	0.1 US	0.1 US	0	0											
CB-4															
5/17/2011	3.2	0.1 US	3	0											
8/10/2011	10.8	0.1 US	10	0											
11/3/2011	8.6	0.1 US	16	0											
1/10/2012	8.1	0.1 US	31	0											
5/14/2012	1.6	0.1 US	1	0											
8/14/2012	7.3	0.1 US	10	0											
10/31/2012	0.1	0.1 US	0	0											
5/20/2013	7.79	0.1 US	1	0											
7/24/2013	0.1 US	0.1 US	0	0											
10/1/2013	11.6	0.1 US	0	0											
6/2/2014	12.5	0.1 US	6	0											
8/18/2014	8.9	0.1 US	7	0											
11/10/2014	1.9	0.1 US	0	0											
6/1/2015	6.2	0.1 US	0	0											
9/3/2015	26	0.1 US	1	0											
12/17/2015	3.7	0.1 US	0	0											
6/13/2016	7.8	0.1 US	4	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	8.4	0.1 US	3	0											
6/12/2017	7.7	0.1 US	1	0											
8/28/2017	5	0.1 US	0	0											
11/13/2017	23	0.1 US	0	0											

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

(CB-4) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm											
6/18/2018	0.8	0.1 US	5.5	0											
8/13/2018	12	0.1 US	0	0											
11/26/2018	0.3	0.1 US	0	0											
6/3/2019	14	0	0	0											
8/12/2019	5	0.1 US	4	0											
10/21/2019	37	0.1 US	1	0											
6/15/2020	15	0.1 US	1	0											
8/3/2020	0.5	0.1 US	0	0											
10/19/2020	17	0.1 US	0	0											
CB-43															
5/17/2011	0.3	0.1 US	2	0											
8/10/2011	0.1 US	0.1 US	0	0											
11/3/2011	3.1	0.1 US	0	0											
1/10/2012	1.1	0.1 US	0	0											
5/14/2012	0.1	0.1 US	0	0											
8/14/2012	0.1 US	0.1 US	0	0											
10/31/2012	0.6	0.1 US	0	0											
5/20/2013	0.3	0.1 US	0	0											
7/24/2013	3.5	0.1 US	0	0											
10/1/2013	0.5	0.1 US	0	0											
6/2/2014	0.2	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	0.1 US	0.1 US	0	0											
6/1/2015	0.1 US	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.7	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	0.1 US	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	1.5	0.1 US	0	0											
8/13/2018	0.7	0.1 US	0	0											
11/26/2018	0.1 US	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.1 US	0.1 US	0	0											
10/21/2019	0.1 US	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.1 US	0.1 US	0	0											
10/19/2020	0.1 US	0.1 US	0	0											
CB-45															
5/17/2011	0.1 US	0.1 US	0	0											
8/10/2011	0.3	0.1 US	0	0											
11/3/2011	1.6	0.1 US	0	0											
1/10/2012	0.5	0.1 US	0	0											
5/14/2012	0.1 US	0.1 US	0	0											
8/14/2012	0.1 US	0.1 US	0	0											

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

(CB-45) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm											
10/31/2012	0.2	0.1 US	0	0											
5/20/2013	0.1	0.1 US	0	0											
7/24/2013	0.1 US	0.1 US	0	0											
10/1/2013	0.1 US	0.1 US	0	0											
6/2/2014	0.2	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	0.2	0.1 US	0	0											
6/1/2015	0.1 US	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.1 US	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	0.3	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	0.1 US	0.1 US	0	0											
8/13/2018	0.1 US	0.1 US	0	0											
11/26/2018	0.1 US	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.1 US	0.1 US	0	0											
10/21/2019	0.1 US	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.1 US	0.1 US	0	0											
10/19/2020	0.1 US	0.1 US	0	0											
CB-6A															
5/17/2011	2.9	0.1 US	0	0											
8/10/2011	2.3	0.1 US	0	0											
11/3/2011	4.2	0.1 US	0	0											
1/10/2012	6.2	0.1 US	0	0											
5/14/2012	0.1 US	0.1 US	0	0											
8/14/2012	1.4	0.1 US	0	0											
10/31/2012	0.1 US	0.1 US	0	0											
5/20/2013	0.1 US	0.1 US	0	0											
7/24/2013	0.1 US	0.1 US	0	0											
10/1/2013	0.1 US	0.1 US	0	0											
6/2/2014	0.1 US	0.1 US	0	0											
8/18/2014	3.3	0.1 US	0	0											
11/10/2014	0.1 US	0.1 US	0	0											
6/1/2015	0.9	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.1 US	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	4.2	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	0.1 US	0.1 US	0	0											

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

(CB-6A) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm											
8/13/2018	0.5	0.1 US	0	0											
11/26/2018	0.1 US	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.1 US	0.1 US	0	0											
10/21/2019	0.1 US	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.5	0.1 US	0	0											
10/19/2020	11	0.1 US	0	0											
LEACHATE PUMP STATION															
5/17/2011	0.1 US	0.1 US	0	0											
8/10/2011	0.1 US	0.1 US	0	0											
11/3/2011	0.1 US	0.1 US	0	0											
1/10/2012	0.1 US	0.1 US	0	0											
5/14/2012	0.1 US	0.1 US	0	0											
8/14/2012	0.1 US	0.1 US	0	0											
10/31/2012	0.1 US	0.1 US	0	0											
5/20/2013	0.1 US	0.1 US	0	0											
7/24/2013	0.1 US	0.1 US	0	0											
10/1/2013	0.1 US	0.1 US	0	0											
6/2/2014	0.1 US	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	0.1 US	0.1 US	0	0											
6/1/2015	0.1 US	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.1 US	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	0.1 US	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	0.1 US	0.1 US	0	0											
8/13/2018	0.1 US	0.1 US	0	0											
11/26/2018	0.1 US	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.1 US	0.1 US	0	0											
10/21/2019	0.1 US	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.1 US	0.1 US	0	0											
10/19/2020	0.1 US	0.1 US	0	0											
LEACHATE SUMP															
5/17/2011	0.1 US	0.1 US	0	0											
8/10/2011	0.1 US	0.1 US	0	0											
11/3/2011	0.1 US	0.1 US	0	0											
1/10/2012	0.1 US	0.1 US	0	0											
5/14/2012	0.1 US	0.1 US	0	0											
8/14/2012	0.1 US	0.1 US	0	0											
10/31/2012	0.1 US	0.1 US	0	0											

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

(LEACHATE SUMP) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm											
5/20/2013	0.1 US	0.1 US	0	0											
7/24/2013	0.1 US	0.1 US	0	0											
10/1/2013	0.1 US	0.1 US	0	0											
6/2/2014	0.1 US	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	0.1 US	0.1 US	0	0											
6/1/2015	0.1 US	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.1 US	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	0.1 US	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	0.1 US	0.1 US	0	0											
8/13/2018	0.1 US	0.1 US	0	0											
11/26/2018	0.1 US	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.1 US	0.1 US	0	0											
10/21/2019	0.1 US	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.1 US	0.1 US	0	0											
10/19/2020	0.1 US	0.1 US	0	0											
OPERATORS SHACK															
5/18/2011	0.1 US	0.1 US	0	0											
8/10/2011	0.1 US	0.1 US	0	0											
11/3/2011	0.1 US	0.1 US	0	0											
1/10/2012	0.1 US	0.1 US	0	0											
5/14/2012	0.1 US	0.1 US	0	0											
8/14/2012	0.1 US	0.1 US	0	0											
10/31/2012	0.1 US	0.1 US	0	0											
5/20/2013	0.1 US	0.1 US	0	0											
7/24/2013	0.1 US	0.1 US	0	0											
10/1/2013	0.1 US	0.1 US	0	0											
6/2/2014	0.1 US	0.1 US	0	0											
8/18/2014	0.1 US	0.1 US	0	0											
11/10/2014	0.1 US	0.1 US	0	0											
6/1/2015	0.1 US	0.1 US	0	0											
9/3/2015	0.1 US	0.1 US	0	0											
12/17/2015	0.1 US	0.1 US	0	0											
6/13/2016	0.1 US	0.1 US	0	0											
9/19/2016	0.1 US	0.1 US	0	0											
11/7/2016	0.1 US	0.1 US	0	0											
6/12/2017	0.1 US	0.1 US	0	0											
8/28/2017	0.1 US	0.1 US	0	0											
11/13/2017	0.1 US	0.1 US	0	0											
6/18/2018	0.1 US	0.1 US	0	0											
8/13/2018	0.1 US	0.1 US	0	0											

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(OPERATORS SHACK) Date	Methane Equivalent % Vol.	Methane Equivalent (Ambient) % Vol.	Hydrogen Sulfide ppm	Hydrogen Sulfide (Ambient) ppm											
11/26/2018	0.1 US	0.1 US	0	0											
6/3/2019	0.1 US	0.1 US	0	0											
8/12/2019	0.1 US	0.1 US	0	0											
10/21/2019	0.1 US	0.1 US	0	0											
6/15/2020	0.1 US	0.1 US	0	0											
8/3/2020	0.1 US	0.1 US	0	0											
10/19/2020	0.1 US	0.1 US	0	0											

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

Concentration Qualifier Notes:

! - The sampling location was damaged or destroyed.

US - Not Detected above the reported reporting limit determined by interpreted instrument specification.