NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

SEAN MAHAR
Interim Commissioner

February 4, 2025

Jeffrey M. Stanek
Director, Environmental Affairs
ITT Inc.
56 Technology Drive
Irvine, CA 92618

Re: Site Management
Periodic Review Report 2023
Goulds Pumps Landfill, Site No. 850002
Seneca Falls (T), Seneca (C)

Dear Mr. Stanek:

The New York State Department of Environmental Conservation (Department) has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: April 8, 2023, to April 8, 2024. The Department accepts the PRR and associated Certification, with the following comments to be addressed in the subsequent PRR submittal. The frequency of Periodic Reviews for this site is annually, with the next PRR due on May 8, 2025.

1. Include a description of actions taken regarding burrowing animals in the Quarterly Inspection Events section, or as a text box on the Post-Closure Inspection Form site photo. Include assessment of the cap/geomembrane condition at identified burrow sites.

2. Review and correct the data error on Table 1, Summary of Groundwater Levels, for 3rd Quarter 2023 MW-5S Elevation data point (value reported -5.02).

3. Provide a status update of P-1 (cap hinge/protective casing) and P-13 (protective casing) repairs. P-1 and P-13 have been reported as damaged for 9 years.

If you have any questions or concerns regarding this letter or need further assistance with the Site, please feel free to contact me at (585) 226-5349 or via email at Joshua.Ramsey@dec.ny.gov.

Sincerely,

Joshua J. Ramsey

Joshua J. Ramsey
Project Manager

ec:
Matthew C. Yonkin (Arcadis)
Elias Moskal (Arcadis)
Justin Deming (NYSDOH)
David Pratt (NYSDEC)
Michael Ormanoski (NYSDEC)
Kaleigh Zappia (NYSDEC)
James Mazzeo (NYSDEC)

ARCADIS Design & Consultancy for natural and built assets

ITT Goulds Pumps, Inc.
Seneca Falls, NY

Annual Post-Closure Monitoring Report and Periodic Review Report Reporting Year 2023

ITT Goulds Pumps, Inc.

Site #8-50-002

May 6, 2024

Gould's Pumps, Inc.

Site #8-50-002

The undersigned certifies that I have reviewed the *Annual Post-Closure Monitoring Report Reporting Year 2023* dated May 6, 2024 and that the document meets the requirements of the *Post Closure Monitoring and Maintenance Plan* (PCMMP) dated December 1997 and approved by the NYSDEC on December 29, 1997. This report also conforms to applicable state, federal, and local regulations, generally accepted practices in the environmental profession and Arcadis standards.

Matthew C. Yonkin, P.E., CEM

Vice President

Annual Post-Closure Monitoring Report and Periodic Review Report Reporting Year 2023

ITT Goulds Pumps Inc.

Site #8-50-002

Prepared for:

ITT Goulds Pumps, Inc.

240 Fall Street

Seneca Falls, New York 13141

Prepared by:

Arcadis of New York, Inc.

201 Fuller Road

Suite 201

Albany

New York 12203

Tel 518 250 7300

Fax 518 250 7301

Our Ref.:

1257117.2023

Date:

May 6, 2024

Gould's Pumps, Inc.

Site #8-50-002

CONTENTS

FIGURES

TABLES

ATTACHMENT

APPENDICES

Gould's Pumps, Inc.

Site #8-50-002

1 BACKGROUND

Post-closure monitoring and maintenance activities for NYSDEC Site No. 850002 (Site), which is the former industrial landfill located at the ITT Goulds Pumps, Inc. (Goulds) facility at 240 Fall Street in Seneca Falls, New York, continued during 2023. The former landfill was closed in accordance with New York State Department of Environmental Conservation (NYSDEC) approved drawings and specifications during the construction seasons of 1996 and 1997. A Construction Certification Report and Post-Closure Monitoring and Maintenance Plan (PCMMP) were prepared by Malcolm Pirnie, Inc. (now doing business as Arcadis of New York, Inc.) and submitted to the NYSDEC, on behalf of Goulds, for review and approval. The Certification Report was approved on December 9, 1997 and the PCMMP, including a response letter issued on December 18, 1997, was approved on December 29, 1997. This PCMMP, including NYSDEC-approved modifications, requires Goulds to conduct quarterly inspections including groundwater level measurements and semi-annual groundwater sampling events. Quarterly letter reports are prepared and submitted to the NYSDEC. A report summarizing the monitoring events during the previous year is prepared and submitted to the NYSDEC annually.

In 2011, the NYSDEC approved a request to eliminate the first quarter monitoring and maintenance event, given that the landfill is frequently covered with snow during most of the first quarter. Additionally, the NYSDEC requested that Goulds submit a Periodic Review Report (PRR) for the former landfill. In conversations with the NYSDEC Project Manager, the NYSDEC found it acceptable to utilize this Annual Report as the PRR as nearly identical Site information is included in both documents. The most substantial difference being the certification of institutional controls (IC) and engineering controls (EC) at the Site. The Institutional and Engineering Controls Certification Form is completed and included in Appendix A of this report.

2 REPORT ORGANIZATION

The quarterly letter reports for second and third quarters of 2023 were previously submitted to the DEC. Activities conducted during the fourth quarter are included in this Annual Report. Quarterly inspections and semi-annual sampling events were completed in accordance with the PCMMP. Checklists, support information, and laboratory results (second and fourth quarters only) for each of the quarters are included in Appendix B. As described in the PCMMP, this Annual Report includes the following:

- Landfill Inspection Reports for the second, third, and fourth quarters of 2023;
- A summary of activities completed during 2023;
- A figure showing sampling and monitoring locations and shallow zone potentiometric map (Figure 1 – Site Plan and Shallow Zone Potentiometric Map);
- A figure showing sampling and monitoring locations and rock zone potentiometric map (Figure 2 – Site Plan and Rock Zone Potentiometric Map);

- A tabular summary of sampling and monitoring dates, field measurements, and observations;
- A tabular summary of the analytical data for semi-annual sampling events;
- A tabular summary of the monthly monitoring results at Outfall 003. Monitoring was conducted in accordance with Goulds' State Pollutant Discharge Elimination System (SPDES) Permit for the outfall;
- A brief discussion of the analytical data and the quality control/quality assurance measures that were implemented; and,
- Identification of modifications to the original PCMMP and recommendations for additional changes to the monitoring program for the Site, as necessary.

In addition, as described above, this Annual Report also includes the IC/EC certifications (included as Appendix A) to fulfill the requirement of the PRR. Please note that ITT has added the Surface Drainage System, Landfill Gas Collection System, and Groundwater Monitoring Network to the Engineering Controls list as these ECs are listed in the Record of Decision and it appears they were inadvertently left off the IC/EC certification form provided by NYSDEC.

3 QUARTERLY INSPECTION EVENTS

Quarterly inspection events were conducted during the second quarter (April 3, 2023), third quarter (September 25, 2023) and the fourth quarter (December 12, 2023). Consistent with previous years, groundwater sampling events during 2023 were conducted during the second and fourth quarters. The checklists and supporting information for the second and third quarter monitoring events are included in Appendix B, the fourth quarter inspection form is in included as Attachment 1.

Each of the inspection events were conducted in accordance with the PCMMP. During each inspection event, the overall integrity of the closure system was verified by Arcadis personnel. The cap system, drainage system, perimeter monitoring wells and piezometers, in-waste piezometers, leachate collection manhole, gas vents, access roadway or access control fencing and gates were inspected, and appropriate maintenance and/or corrective actions were identified and performed if necessary and as described herein. Groundwater levels were measured at perimeter and landfill piezometers and monitoring wells as specified in the PCMMP.

Based on the inspection events, the overall integrity of the cap system is acceptable. Well-maintained access paths allowed access to off-cap perimeter monitoring wells and piezometers.

As part of the quarterly inspections, the condition of piezometers and monitoring wells at the Site are observed. The piezometers and monitoring wells at the Site are generally usable with only minor non-essential maintenance items being observed at some locations, including misalignment of P-1. Piezometer P-1 has been approved for abandonment by the DEC, however, its misalignment is not impacting the ability to collect groundwater measurements at this location, so no maintenance is planned.

Regular maintenance items identified below were performed during 2023 and are scheduled and completed on a regular, ongoing basis and as identified during future quarterly inspection events:

- Continued efforts to remove burrowing animals and repair burrows, as necessary;
- Regular additions of rock to existing rock check dams in the perimeter drainage swale, as necessary; and,
- Cleaning of the culvert south of the landfill, as necessary.

4 SEMI-ANNUAL SAMPLING EVENTS

The PCMMP requires groundwater sampling of 13 monitoring wells and the leachate collection manhole at the Site twice each year. Shallow wells were sampled using a peristaltic pump and dedicated tubing, while deep and bedrock wells and the leachate collection manhole were sampled using dedicated bailers with the only exception being MW-5D. As noted in previous reports, the alignment of MW-5D was altered during construction activities in 2013 and can no longer be sampled with a bailer. Groundwater samples at MW-5D are collected using a peristaltic pump.

Depth to groundwater and groundwater elevations for monitoring points at the Site are summarized in Table 1. Analytical results from groundwater sampling, as well as purge logs, for the fourth quarter groundwater sampling event during 2023 are included as Tables 2 and 3, respectively.

Potentiometric maps showing the approximate direction of shallow groundwater flow and rock zone groundwater flow at the Site is shown on Figures 1 and 2, respectively. The maps are based on groundwater level measurements taken during the December 2023 inspection event, which generally represents higher seasonal groundwater elevations in shallow monitoring wells and piezometers across the Site. Measurements indicate that the March and December 2023 groundwater levels were generally consistent with historical levels and that shallow groundwater generally flows south-southwest, toward Fall Street. As shown in Figure 2, groundwater in rock zone at the Site generally flows west.

5 ANALYTICAL DATA AND QUALITY ASSURANCE/QUALITY CONTROL

The analytical results for recent sampling events and the NYSDEC Water Quality Standards are shown in Table 2. The summary data package for the 2023 fourth quarter sampling event is included as Appendix C. The NYSDEC-approved PCMMP requires ASP Category B deliverables for Site groundwater data once every five years. This was previously completed during the 2020 monitoring year.

Groundwater samples were collected during the 2023 fourth quarter in accordance with the Sampling and Analytical Plan that was included in the PCMMP. During both 2023 sampling events purge water from the wells was discharged to the ground surface in the immediate vicinity of the wells in accordance with the NYSDEC-approved sampling methods for the Site. A record of the field purge logs is provided in Table 3.

Groundwater samples for both events during 2023 were collected in polyethylene bottles containing a laboratory-measured volume of nitric acid preservative and were placed in a cooler and delivered under routine Chain of Custody protocol to Alpha Analytical (Alpha). Alpha is located in Westborough, Massachusetts and is a New York State Department of Health ELAP CLP certified laboratory.

Analytical results from the groundwater sampling conducted during 2023 generally support historical data for the Site; levels in excess of groundwater standards and/or guidance values for iron, manganese and sodium were present in groundwater samples from shallow, deep and bedrock wells. As shown in Table 2, other than concentrations of sodium in groundwater sampled from monitoring wells MW-7S (29,900 micrograms per liter [ug/L]) during the fourth quarter 2023 event, exceedances in NYSDEC Class GA groundwater standards observed during 2023 were within the range of historical values at respective sampling locations.

The grab sample from the leachate collection manhole was collected and analyzed for Target Analyte List (TAL) metals during the second and fourth quarter sampling events. The 2023 sampling results of leachate collection manhole fell within the range of historical values. Exceedances in Class GA groundwater standards in leachate samples collected from leachate collection manhole include copper, iron, lead, manganese and sodium as listed in Table 2.

6 DATA VALIDATION

Data validation is required once every 5 years for the Site. Previously, data validation occurred during the 2020 monitoring year. No data validation occurred during the 2023 monitoring year.

7 OUTFALL 003 MONTHLY MONITORING

Goulds monitors the storm water runoff that originates from the property encompassed by the closed landfill and adjacent areas under their current SPDES Permit No. NY0001694. The discharge point is identified as Outfall 003 on its SPDES Permit and monthly Discharge Monitoring Reports (DMRs) are submitted to NYSDEC approximately monthly. A summary of the monthly monitoring results during 2023 at Outfall 003 is shown in Table 4.

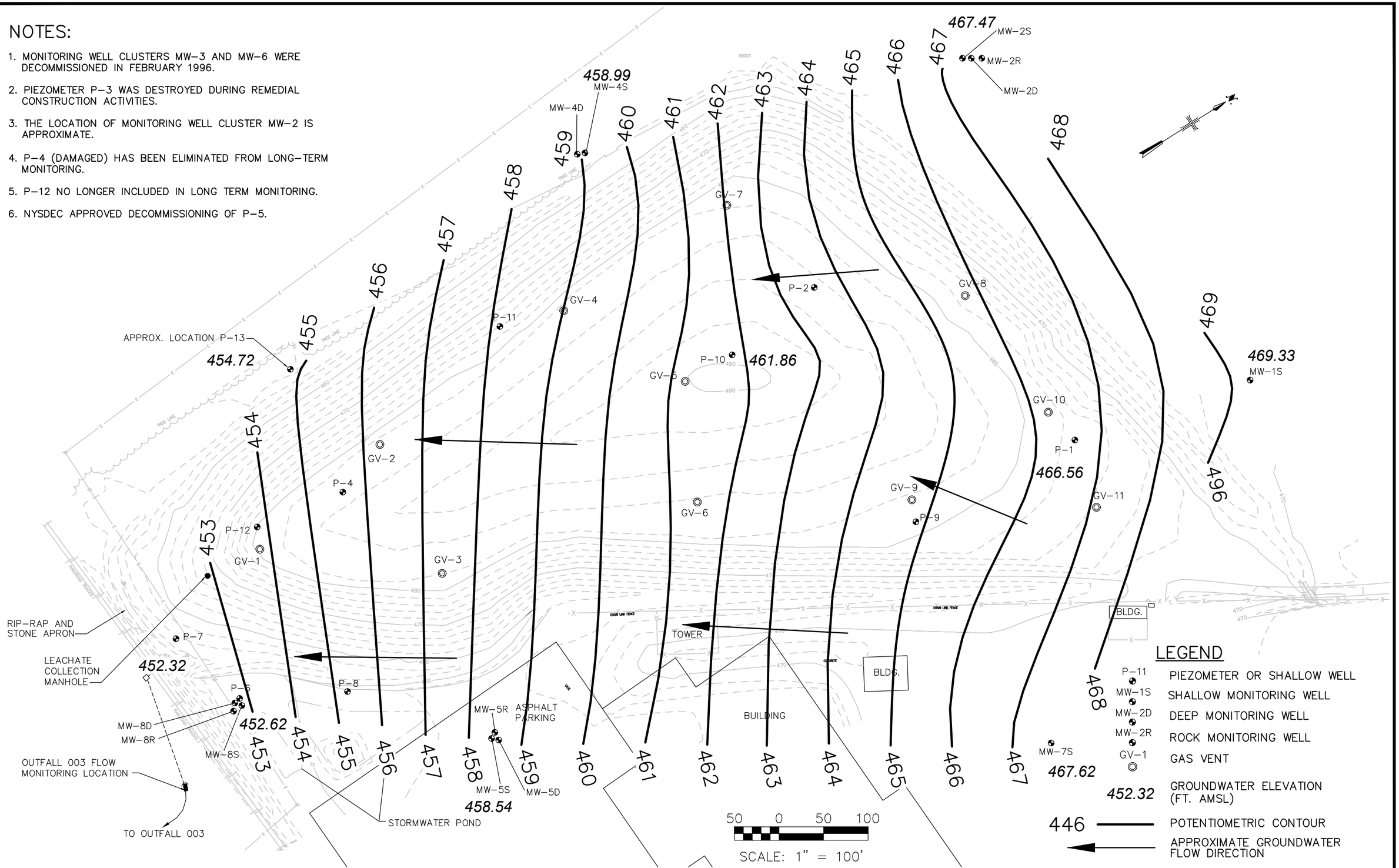
8 MODIFICATIONS/RECOMMENDED MODIFICATIONS

No modifications are recommended at this time. The areas adjacent to monitoring well MW-1S and well clusters MW-2 and MW-4 will need to be brush-hogged in 2024 to maintain access to these monitoring locations. Vegetation in the perimeter drainage swale should be mowed in the second quarter of 2024. The next round of groundwater sampling at the Site will occur during the second quarter of 2024.

FIGURES

NOTES:

1. MONITORING WELL CLUSTERS MW-3 AND MW-6 WERE DECOMMISSIONED IN FEBRUARY 1996.
2. PIEZOMETER P-3 WAS DESTROYED DURING REMEDIAL CONSTRUCTION ACTIVITIES.
3. THE LOCATION OF MONITORING WELL CLUSTER MW-2 IS APPROXIMATE.
4. P-4 (DAMAGED) HAS BEEN ELIMINATED FROM LONG-TERM MONITORING.
5. P-12 NO LONGER INCLUDED IN LONG TERM MONITORING.
6. NYSDEC APPROVED DECOMMISSIONING OF P-5.



LEGEND

P-11	PIEZOMETER OR SHALLOW WELL
MW-1S	SHALLOW MONITORING WELL
MW-2D	DEEP MONITORING WELL
MW-2R	ROCK MONITORING WELL
GV-1	GAS VENT
452.32	GROUNDWATER ELEVATION (FT. AMSL)
446	POTENTIOMETRIC CONTOUR
	APPROXIMATE GROUNDWATER FLOW DIRECTION

ARCADIS

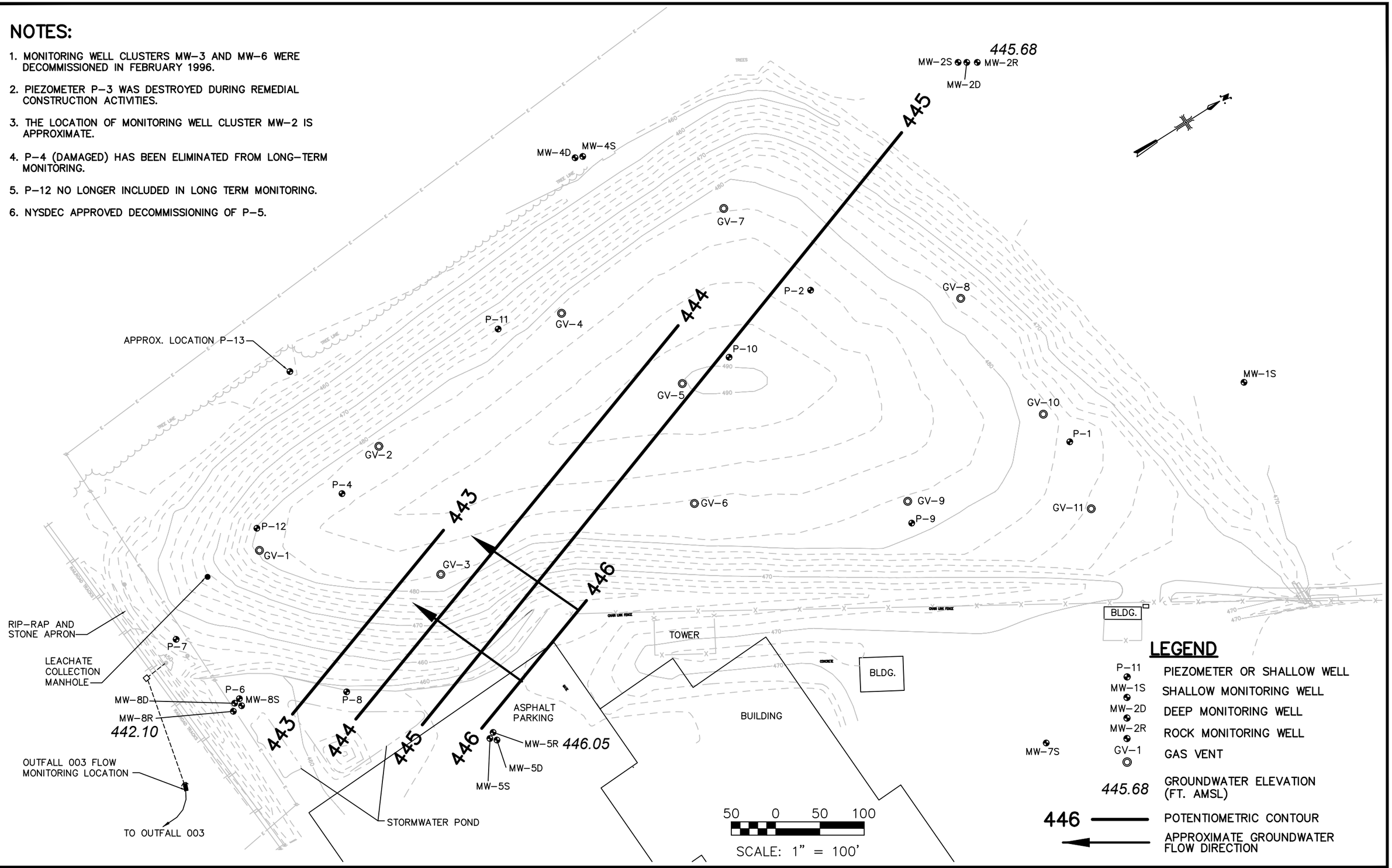
FORMER GOULDS LANDFILL
SENECA FALLS, NEW YORK

SITE PLAN AND SHALLOW ZONE POTENTIOMETRIC MAP
FOURTH QUARTER 2023
SCALE: AS SHOWN

DECEMBER 2023
FIGURE 1

NOTES:

1. MONITORING WELL CLUSTERS MW-3 AND MW-6 WERE DECOMMISSIONED IN FEBRUARY 1996.
2. PIEZOMETER P-3 WAS DESTROYED DURING REMEDIAL CONSTRUCTION ACTIVITIES.
3. THE LOCATION OF MONITORING WELL CLUSTER MW-2 IS APPROXIMATE.
4. P-4 (DAMAGED) HAS BEEN ELIMINATED FROM LONG-TERM MONITORING.
5. P-12 NO LONGER INCLUDED IN LONG TERM MONITORING.
6. NYSDEC APPROVED DECOMMISSIONING OF P-5.



LEGEND

P-11	PIEZOMETER OR SHALLOW WELL
MW-1S	SHALLOW MONITORING WELL
MW-2D	DEEP MONITORING WELL
MW-2R	ROCK MONITORING WELL
GV-1	GAS VENT
445.68	GROUNDWATER ELEVATION (FT. AMSL)
446	POTENTIOMETRIC CONTOUR
	APPROXIMATE GROUNDWATER FLOW DIRECTION

ARCADIS

FORMER GOULDS LANDFILL
SENECA FALLS, NEW YORK

SITE PLAN AND ROCK ZONE POTENTIOMETRIC MAP
FOURTH QUARTER 2023
SCALE: AS SHOWN

DECEMBER 2023

FIGURE 2

TABLES

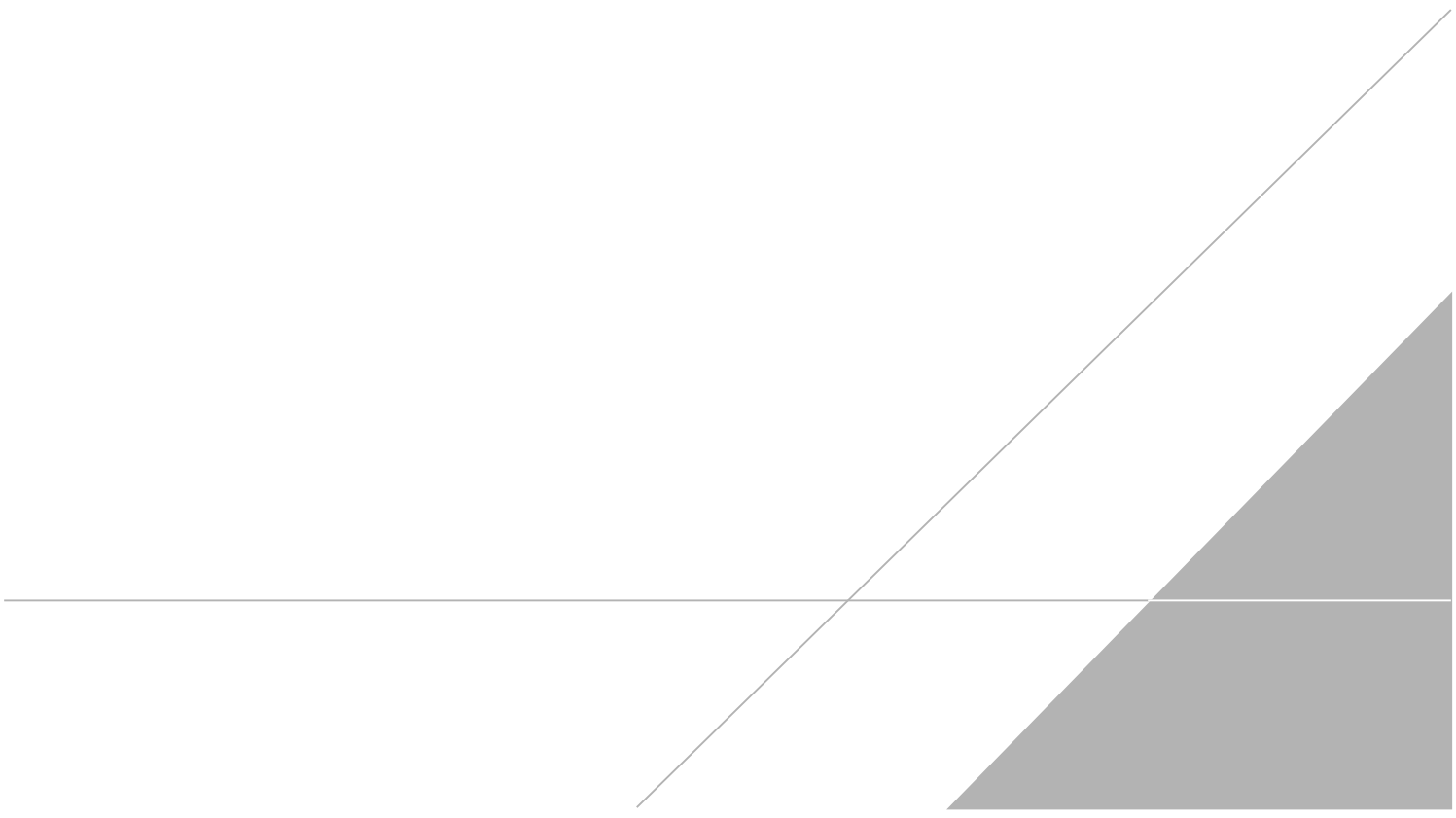


TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	MW-1S		MW-2S		MW-2D		MW-2R		MW-4S		MW-4D	
Protective Casing Elevation	472.77		471.51		471.68		471.38		462.76		462.26	
Measuring Point Elevation	472.45		471.37		471.34		471.06		462.61		462.11	
Ground Elevation	470.21		468.87		468.94		469.35		460.03		459.85	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	2.92	469.53	3.33	468.04	3.11	468.23	23.70	447.36	3.65	458.96	8.17	453.94
Second Quarter '09	3.56	468.89	4.33	467.04	4.16	467.18	23.44	447.62	3.92	458.69	8.13	453.98
Third Quarter '09	6.87	465.58	7.01	464.36	6.72	464.62	24.62	446.44	5.52	457.09	9.48	452.63
Fourth Quarter '09	3.13	469.32	4.04	467.33	3.82	467.52	25.38	445.68	3.74	458.87	9.28	452.83
First Quarter '10	3.29	469.16	4.17	467.20	3.95	467.39	24.33	446.73	3.96	458.65	8.79	453.32
Second Quarter '10	2.86	469.59	3.14	468.23	2.90	468.44	23.26	447.80	3.48	459.13	8.04	454.07
Third Quarter '10	9.18	463.27	8.53	462.84	8.26	463.08	25.23	445.83	6.11	456.50	10.26	451.85
Fourth Quarter '10	2.99	469.46	3.64	467.73	3.43	467.91	23.63	447.43	3.63	458.98	8.07	454.04
Second Quarter '11	6.27	466.18	6.79	464.58	6.51	464.83	22.75	448.31	5.44	457.17	8.88	453.23
Third Quarter '11	8.91	463.54	7.31	464.06	6.95	464.39	24.89	446.17	5.52	457.09	9.96	452.15
Fourth Quarter '11	3.05	469.40	3.81	467.56	3.61	467.73	23.63	447.43	3.88	458.73	8.28	453.83
Second Quarter '12	6.21	466.24	6.45	464.92	6.17	465.17	23.73	447.33	5.19	457.42	8.92	453.19
Third Quarter '12	12.96	459.49	11.48	459.89	11.19	460.15	26.25	444.81	6.85	455.76	13.30	448.81
Fourth Quarter '12	12.12	460.33	8.41	462.96	5.43	465.91	26.89	444.17	4.30	458.31	10.70	451.41
Second Quarter '13	4.35	468.10	4.79	466.58	4.49	466.85	24.17	446.89	4.65	457.96	8.41	453.70
Third Quarter '13	5.61	466.84	5.63	465.74	5.35	465.99	23.77	447.29	5.34	457.27	9.08	453.03
Fourth Quarter '13	3.65	468.80	3.99	467.38	3.79	467.55	24.62	446.44	4.34	458.27	8.95	453.16
Second Quarter '14	4.18	468.27	4.81	466.56	4.79	466.55	23.25	447.81	4.73	457.88	8.75	453.36
Third Quarter '14	6.71	465.74	5.89	465.48	5.57	465.77	23.83	447.23	5.63	456.98	9.34	452.77
Fourth Quarter '14	3.09	469.36	3.43	467.94	3.19	468.15	24.69	446.37	3.66	458.95	8.94	453.17
Second Quarter '15	4.73	467.72	5.20	466.17	4.93	466.41	23.30	447.76	4.82	457.79	8.24	453.87
Third Quarter '15	7.57	464.88	7.49	463.88	7.19	464.15	23.36	447.70	6.30	456.31	9.83	452.28
Fourth Quarter '15	3.30	469.15	4.65	466.72	4.40	466.94	24.33	446.73	3.97	458.64	8.73	453.38
Second Quarter '16	3.22	469.23	4.00	467.37	7.22	464.12	23.45	447.61	3.76	458.85	8.23	453.88
Third Quarter '16	13.97	458.48	11.96	459.41	11.65	459.69	26.84	444.22	6.82	455.79	11.63	450.48
Fourth Quarter '16	3.05	469.40	4.12	467.25	4.27	467.07	25.25	445.81	3.72	458.89	9.01	453.10
Second Quarter '17	2.55	469.90	2.86	468.51	2.67	468.67	22.47	448.59	3.30	459.31	7.63	454.48
Third Quarter '17	7.25	465.20	6.20	465.17	5.91	465.43	23.39	447.67	5.60	457.01	9.14	452.97
Fourth Quarter '17	3.18	469.27	3.83	467.54	7.08	464.26	23.92	447.14	3.91	458.70	10.20	451.91
Second Quarter '18	2.88	469.57	3.08	468.29	4.47	466.87	23.40	447.66	3.58	459.03	10.41	451.70
Third Quarter '18	8.42	464.03	6.31	465.06	6.00	465.34	25.42	445.64	5.52	457.09	9.93	452.18
Fourth Quarter '18	3.04	469.41	3.30	468.07	4.61	466.73	23.58	447.48	3.78	458.83	10.94	451.17
Second Quarter '19	2.78	469.67	2.85	468.52	2.64	468.70	22.37	448.69	3.30	459.31	7.74	454.37
Third Quarter '19	9.64	462.81	7.60	463.77	7.42	463.92	24.37	446.69	6.44	456.17	9.97	452.14
Fourth Quarter '19	2.94	469.51	3.50	467.87	4.82	466.52	23.92	447.14	3.46	459.15	10.06	452.05
Second Quarter '20	2.83	469.62	2.96	468.41	4.30	467.04	22.95	448.11	3.23	459.38	9.19	452.92
Third Quarter '20	12.61	459.84	10.41	460.96	10.17	461.17	25.66	445.40	7.31	455.30	11.23	450.88
Fourth Quarter '20	13.81	458.64	9.50	461.87	10.61	460.73	26.34	444.72	6.17	456.44	12.60	449.51
Second Quarter '21	2.90	469.55	3.56	467.81	4.86	466.48	24.31	446.75	3.72	458.89	9.02	453.09
Third Quarter '21	4.24	468.21	5.59	465.78	5.38	465.96	24.03	447.03	4.33	458.28	9.01	453.10
Fourth Quarter '21	2.88	469.57	3.13	468.24	4.49	466.85	22.36	448.70	3.52	459.09	9.12	452.99
Second Quarter '22	2.84	469.61	3.01	468.36	4.48	466.86	21.54	449.52	3.50	459.11	9.24	452.87
Third Quarter '22	11.70	460.75	9.13	462.24	8.82	462.52	24.81	446.25	5.85	456.76	10.21	451.90
Fourth Quarter '22	7.28	465.17	5.68	465.69	7.28	464.06	25.67	445.39	3.85	458.76	10.86	451.25
Second Quarter '23	2.75	469.70	3.40	467.97	5.48	465.86	22.68	448.38	3.44	459.17	9.60	452.51
Third Quarter '23	11.51	460.94	9.09	462.28	8.96	462.38	24.49	446.57	5.25	457.36	9.52	452.59
Fourth Quarter '23	3.12	469.33	3.90	467.47	5.43	465.91	25.38	445.68	3.62	458.99	10.55	451.56
Change Since Previous Event	4.16		1.78		1.85		0.29		0.23		0.31	

NM - Not Measured

DRY - Well or piezometer was dry

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	MW-5S		MW-5D		MW-5R		MW-7S		MW-8S		MW-8D		MW-8R	
Protective Casing Elevation	466.12		466.07		465.08		472.03		460.90		460.98		460.01	
Measuring Point Elevation	465.94		465.92		464.74		471.89		460.85		460.87		459.88	
Ground Elevation	463.54		463.55		463.46		470.98		458.44		458.42		458.20	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	5.82	460.12	11.86	454.06	18.37	446.37	4.68	467.21	7.78	453.07	19.07	441.80	15.52	444.36
Second Quarter '09	6.42	459.52	11.86	454.06	18.09	446.65	5.34	466.55	8.23	452.62	18.88	441.99	15.34	444.54
Third Quarter '09	6.45	459.49	12.34	453.58	19.03	445.71	NM	NM	8.51	452.34	16.46	444.41	16.14	443.74
Fourth Quarter '09	6.03	459.91	12.44	453.48	19.99	444.75	4.06	467.83	8.17	452.68	19.97	440.90	17.05	442.83
First Quarter '10	6.29	459.65	12.78	453.14	19.02	445.72	4.52	467.37	8.10	452.75	19.47	441.40	16.12	443.76
Second Quarter '10	6.05	459.89	11.67	454.25	17.87	446.87	3.71	468.18	7.93	452.92	18.70	442.17	15.07	444.81
Third Quarter '10	6.74	459.20	12.77	453.15	19.46	445.28	2.27	469.62	9.18	451.67	23.40	437.47	16.34	443.54
Fourth Quarter '10	5.58	460.36	11.79	454.13	18.22	446.52	3.44	468.45	7.84	453.01	18.78	442.09	15.23	444.65
Second Quarter '11	6.60	459.34	12.01	453.91	17.41	447.33	3.93	467.96	8.41	452.44	18.44	442.43	14.59	445.29
Third Quarter '11	6.12	459.82	12.52	453.40	19.34	445.40	3.74	468.15	8.74	452.11	19.63	441.24	16.22	443.66
Fourth Quarter '11	6.10	459.84	11.97	453.95	18.22	446.52	3.92	467.97	7.89	452.96	18.73	442.14	15.27	444.61
Second Quarter '12	6.91	459.03	12.39	453.53	18.08	446.66	3.77	468.12	8.53	452.32	18.65	442.22	15.26	444.62
Third Quarter '12	9.25	456.69	14.38	451.54	27.90	436.84	4.87	467.02	10.95	449.90	24.41	436.46	17.66	442.22
Fourth Quarter '12	6.39	459.55	13.33	452.59	21.38	443.36	4.00	467.89	9.21	451.64	24.43	436.44	18.20	441.68
Second Quarter '13	6.39	459.55	12.36	453.56	18.76	445.98	3.86	468.03	8.44	452.41	19.05	441.82	15.74	444.14
Third Quarter '13	3.73	459.25	9.80	453.06	17.70	445.44	4.13	467.76	8.41	452.44	18.93	441.94	15.19	444.69
Fourth Quarter '13	NM	----	NM	----	NM	----	4.53	467.36	7.46	453.39	19.32	441.55	16.23	443.65
Second Quarter '14	4.30	458.68	9.00	453.86	14.91	448.23	4.21	467.68	8.62	452.23	18.81	442.06	15.11	444.77
Third Quarter '14	4.86	458.12	9.39	453.47	15.43	447.71	4.51	467.38	8.83	452.02	19.31	441.56	15.56	444.32
Fourth Quarter '14	4.99	457.99	9.75	453.11	16.32	446.82	4.40	467.49	8.84	452.01	19.62	441.25	16.39	443.49
Second Quarter '15	4.81	458.17	9.56	453.30	15.13	448.01	4.52	467.37	9.00	451.85	18.78	442.09	15.15	444.73
Third Quarter '15	4.53	458.45	9.57	453.29	15.31	447.83	4.59	467.30	9.14	451.71	18.89	441.98	15.15	444.73
Fourth Quarter '15	5.02	457.96	9.53	453.33	16.00	447.14	4.51	467.38	8.81	452.04	19.30	441.57	16.02	443.86
Second Quarter '16	4.96	458.02	9.85	453.01	15.29	447.85	4.40	467.49	8.90	451.95	18.90	441.97	17.00	442.88
Third Quarter '16	5.15	457.83	10.52	452.34	18.49	444.65	4.48	467.41	9.62	451.23	21.33	439.54	18.33	441.55
Fourth Quarter '16	4.56	458.42	10.01	452.85	17.10	446.04	4.04	467.85	8.42	452.43	19.68	441.19	16.59	443.29
Second Quarter '17	4.32	458.66	9.45	453.41	14.35	448.79	2.90	468.99	8.30	452.55	18.24	442.63	14.32	445.56
Third Quarter '17	5.01	457.97	9.36	453.50	15.13	448.01	4.64	467.25	9.13	451.72	18.79	442.08	15.11	444.77
Fourth Quarter '17	5.22	457.76	9.59	453.27	15.42	447.72	4.59	467.30	8.75	452.10	22.41	438.46	15.50	444.38
Second Quarter '18	4.79	458.19	9.25	453.61	14.80	448.34	4.23	467.66	8.59	452.26	21.32	439.55	16.68	443.20
Third Quarter '18	5.05	457.93	9.89	452.97	17.08	446.06	4.38	467.51	9.01	451.84	19.92	440.95	16.88	443.00
Fourth Quarter '18	4.74	458.24	9.24	453.62	15.51	447.63	4.25	467.64	9.01	451.84	20.48	440.39	15.82	444.06
Second Quarter '19	4.38	458.60	8.66	454.20	14.28	448.86	4.20	467.69	8.60	452.25	18.20	442.67	14.28	445.60
Third Quarter '19	5.29	457.69	9.59	453.27	15.87	447.27	4.81	467.08	9.30	451.55	19.52	441.35	15.91	443.97
Fourth Quarter '19	4.51	458.47	11.56	451.30	16.04	447.10	4.10	467.79	8.56	452.29	21.23	439.64	15.58	444.30
Second Quarter '20	4.11	458.87	9.84	453.02	14.94	448.20	3.86	468.03	8.49	452.36	20.64	440.23	14.84	445.04
Third Quarter '20	5.31	457.67	10.06	452.80	17.10	446.04	4.86	467.03	9.58	451.27	20.26	440.61	17.04	442.84
Fourth Quarter '20	5.16	457.82	10.11	452.75	17.79	445.35	4.70	467.19	9.03	451.82	22.28	438.59	18.57	441.31
Second Quarter '21	4.53	458.45	9.64	453.22	16.10	447.04	4.26	467.63	8.61	452.24	20.20	440.67	16.42	443.46
Third Quarter '21	4.90	458.08	9.51	453.35	15.61	447.53	4.17	467.72	8.71	452.14	19.76	441.11	15.75	444.13
Fourth Quarter '21	4.55	458.43	8.82	454.04	13.82	449.32	4.60	467.29	8.74	452.11	19.66	441.21	17.24	442.64
Second Quarter '22	4.54	458.44	8.64	454.22	13.54	449.60	4.04	467.85	8.56	452.29	19.35	441.52	14.27	445.61
Third Quarter '22	5.09	457.89	6.86	456.12	16.49	446.37	NM	---	9.17	451.68	19.77	441.10	16.45	443.43
Fourth Quarter '22	4.74	458.24	8.55	454.31	16.99	446.15	4.40	467.49	8.77	452.08	22.91	437.96	17.80	442.08
Second Quarter '23	4.15	458.83	8.60	454.38	14.43	448.43	3.75	468.14	8.36	452.49	19.93	440.94	15.19	444.69
Third Quarter '23	5.02	-5.02	5.81	457.17	17.04	445.82	4.41	467.48	9.04	451.81	20.31	440.56	16.97	442.91
Fourth Quarter '23	4.44	458.54	6.33	456.53	17.09	446.05	4.27	467.62	8.23	452.62	22.13	438.74	17.78	442.10
Change Since Previous Event	0.30		2.22		(0.10)		0.13		0.54		0.78		0.02	

NM - Not Measured

DRY - Well or piezometer was dry

8/21/2013 Measuring Point Elevation for MW-5S= 462.98
8/21/2013 Measuring Point Elevation for MW-5D= 462.86
8/21/2013 Measuring Point Elevation for MW-5R= 463.14

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	P-1		P-2		P-4		P-5		P-6		P-7	
Protective Casing Elevation	480.44		487.76		485.85		467.50		460.71		460.47	
Measuring Point Elevation	480.24		487.75		485.79		467.37		460.57		460.32	
Ground Elevation	477.63		484.67		483.55		465.56		458.58		456.53	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	13.72	466.52	DRY	----	----	----	4.66	462.71	7.28	453.29	7.91	452.41
Second Quarter '09	14.06	466.18	DRY	----	----	----	6.68	460.69	7.48	453.09	8.11	452.21
Third Quarter '09	16.67	463.57	DRY	----	----	----	5.58	461.79	7.67	452.90	8.51	451.81
Fourth Quarter '09	15.18	465.06	DRY	----	----	----	4.53	462.84	7.46	453.11	8.10	452.22
First Quarter '10	----	----	DRY	----	----	----	5.77	461.60	7.41	453.16	8.08	452.24
Second Quarter '10	13.97	466.27	DRY	----	----	----	4.76	462.61	7.33	453.24	7.97	452.35
Third Quarter '10	14.81	465.43	DRY	----	----	----	5.56	461.81	8.07	452.50	8.55	451.77
Fourth Quarter '10	14.12	466.12	DRY	----	----	----	4.56	462.81	7.26	453.31	7.75	452.57
Second Quarter '11	14.19	466.05	DRY	----	----	----	6.14	461.23	7.55	453.02	8.08	452.24
Third Quarter '11	14.73	465.51	DRY	----	----	----	5.08	462.29	7.61	452.96	8.12	452.20
Fourth Quarter '11	13.71	466.53	DRY	----	----	----	5.48	461.89	7.31	453.26	7.90	452.42
Second Quarter '12	14.12	466.12	26.35	461.40	----	----	6.47	460.90	7.62	452.95	8.22	452.10
Third Quarter '12	14.69	465.55	DRY	----	----	----	7.36	460.01	9.49	451.08	9.03	451.29
Fourth Quarter '12	15.07	465.17	DRY	----	----	----	6.31	461.06	8.02	452.55	8.33	451.99
Second Quarter '13	14.21	466.03	DRY	----	----	----	6.32	461.05	7.64	452.93	8.26	452.06
Third Quarter '13	13.98	466.26	26.38	461.37	----	----	----	----	7.65	452.92	8.16	452.16
Fourth Quarter '13	14.12	466.12	DRY	----	----	----	----	----	7.14	453.43	8.13	452.19
Second Quarter '14	14.12	466.12	DRY	----	----	----	----	----	8.10	452.47	7.99	452.33
Third Quarter '14	14.2	466.04	DRY	----	----	----	----	----	8.43	452.14	8.08	452.24
Fourth Quarter '14	14.24	466.00	DRY	----	----	----	----	----	8.46	452.11	8.04	452.28
Second Quarter '15	14.14	466.10	DRY	----	----	----	----	----	8.35	452.22	8.25	452.07
Third Quarter '15	14.18	466.06	DRY	----	----	----	----	----	8.55	452.02	7.98	452.34
Fourth Quarter '15	14.06	466.18	DRY	----	----	----	----	----	7.99	452.58	8.11	452.21
Second Quarter '16	14.19	466.05	DRY	----	----	----	----	----	8.20	452.37	7.89	452.43
Third Quarter '16	15.34	464.90	DRY	----	----	----	----	----	DRY	----	9.38	450.94
Fourth Quarter '16	14.79	465.45	DRY	----	----	----	----	----	7.63	452.94	8.00	452.32
Second Quarter '17	13.45	466.79	DRY	----	----	----	----	----	7.55	453.02	7.64	452.68
Third Quarter '17	14.26	465.98	DRY	----	----	----	----	----	8.56	452.01	8.22	452.10
Fourth Quarter '17	13.94	466.30	DRY	----	----	----	----	----	8.01	452.56	8.09	452.23
Second Quarter '18	13.7	466.54	DRY	----	----	----	----	----	7.96	452.61	7.88	452.44
Third Quarter '18	14.78	465.46	DRY	----	----	----	----	----	8.66	451.91	8.43	451.89
Fourth Quarter '18	13.84	466.40	DRY	----	----	----	----	----	7.77	452.80	8.05	452.27
Second Quarter '19	13.91	466.33	DRY	----	----	----	----	----	8.05	452.52	8.02	452.30
Third Quarter '19	14.67	465.57	DRY	----	----	----	----	----	8.59	451.98	8.85	451.47
Fourth Quarter '19	13.92	466.32	DRY	----	----	----	----	----	8.11	452.46	7.73	452.59
Second Quarter '20	13.60	466.64	DRY	----	----	----	----	----	8.02	452.55	7.73	452.59
Third Quarter '20	15.14	465.10	DRY	----	----	----	----	----	9.07	451.50	9.34	450.98
Fourth Quarter '20	15.44	464.80	DRY	----	----	----	----	----	9.19	451.38	8.89	451.43
Second Quarter '21	DRY	----	DRY	----	----	----	----	----	DRY	----	8.56	451.76
Third Quarter '21	14.07	466.17	DRY	----	----	----	----	----	8.21	452.36	8.37	451.95
Fourth Quarter '21	13.91	466.33	DRY	----	----	----	----	----	8.11	452.46	8.15	452.17
Second Quarter '22	13.68	466.56	DRY	----	----	----	----	----	8.02	452.55	8.12	452.20
Third Quarter '22	14.84	465.40	DRY	----	----	----	----	----	8.88	451.69	8.76	451.56
Fourth Quarter '22	13.88	466.36	DRY	----	----	----	----	----	8.20	452.37	8.36	451.96
Second Quarter '23	NM	----	DRY	----	----	----	----	----	7.84	452.73	7.90	452.42
Third Quarter '23	14.13	----	DRY	----	----	----	----	----	8.65	451.92	8.33	451.99
Fourth Quarter '23	13.68	466.56	DRY	----	----	----	----	----	7.77	452.80	8.00	452.32
Change Since Previous Event	0.20		--		ECOMMISSIONED IN 20		COMMISSIONED IN 2		0.43		0.36	

NM - Not Measured

DRY - Well or piezometer was dry

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	P-8		P-9		P-10		P-11		P-13		MH	
Protective Casing Elevation	463.66		483.83		491.90		479.71		---		470.00	
Measuring Point Elevation	463.53		483.81		491.89		479.66		459.40		469.25	
Ground Elevation	461.45		481.29		489.40		476.47		455.99		----	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	7.20	454.25	DRY	----	29.02	462.87	DRY	----	4.64	454.76	16.12	453.13
Second Quarter '09	7.79	453.66	DRY	----	29.08	462.81	DRY	----	4.71	454.69	16.26	452.99
Third Quarter '09	DRY	----	DRY	----	29.82	462.07	DRY	----	6.49	452.91	16.32	452.93
Fourth Quarter '09	DRY	----	DRY	----	DRY	----	NM	----	4.21	455.19	16.14	453.11
First Quarter '10	NM	----	DRY	----	29.61	462.28	DRY	----	5.49	453.91	16.20	453.05
Second Quarter '10	7.38	456.15	DRY	----	29.73	462.16	DRY	----	4.54	454.86	15.98	453.27
Third Quarter '10	DRY	----	DRY	----	DRY	----	DRY	----	7.03	452.37	16.28	452.97
Fourth Quarter '10	7.13	456.40	DRY	----	29.78	462.11	DRY	----	4.39	455.01	15.83	453.42
Second Quarter '11	DRY	----	DRY	----	29.37	462.52	DRY	----	6.31	453.09	15.71	453.54
Third Quarter '11	DRY	----	DRY	----	29.70	462.19	DRY	----	6.78	452.62	15.82	453.43
Fourth Quarter '11	7.33	----	DRY	----	DRY	----	DRY	----	4.80	454.60	16.08	453.17
Second Quarter '12	DRY	----	18.24	465.57	DRY	----	DRY	----	6.44	452.96	17.29	451.96
Third Quarter '12	DRY	----	DRY	----	DRY	----	DRY	----	8.30	451.10	15.91	453.34
Fourth Quarter '12	DRY	----	DRY	----	DRY	----	DRY	----	4.92	454.48	15.98	453.27
Second Quarter '13	DRY	----	DRY	----	29.59	462.30	DRY	----	5.87	453.53	15.91	453.34
Third Quarter '13	DRY	----	DRY	----	29.86	462.03	DRY	----	6.14	453.26	15.93	453.32
Fourth Quarter '13	7.68	455.85	DRY	----	DRY	----	DRY	----	5.55	453.85	16.06	453.19
Second Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	6.26	453.14	16.09	453.16
Third Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	6.44	452.96	15.97	453.28
Fourth Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	4.67	454.73	15.99	453.26
Second Quarter '15	DRY	----	DRY	----	29.74	462.15	DRY	----	5.95	453.45	16.06	453.19
Third Quarter '15	DRY	----	DRY	----	30.03	461.86	DRY	----	7.00	452.40	15.93	453.32
Fourth Quarter '15	DRY	----	DRY	----	DRY	----	DRY	----	5.23	454.17	16.11	453.14
Second Quarter '16	DRY	----	DRY	----	29.51	462.38	22.44	457.22	5.08	454.32	15.92	453.33
Third Quarter '16	DRY	----	DRY	----	DRY	----	DRY	----	DRY	----	15.90	453.35
Fourth Quarter '16	DRY	----	DRY	----	DRY	----	DRY	----	4.05	455.35	15.95	453.30
Second Quarter '17	7.50	456.03	DRY	----	29.10	462.79	DRY	----	3.93	455.47	15.97	453.28
Third Quarter '17	DRY	----	DRY	----	29.90	461.99	DRY	----	6.50	452.90	15.99	453.26
Fourth Quarter '17	DRY	----	DRY	----	29.91	461.98	DRY	----	3.78	455.62	15.97	453.28
Second Quarter '18	DRY	----	DRY	----	29.34	462.55	DRY	----	3.65	455.75	15.83	453.42
Third Quarter '18	DRY	----	DRY	----	DRY	----	DRY	----	6.51	452.89	16.03	453.22
Fourth Quarter '18	DRY	----	DRY	----	29.65	462.24	DRY	----	4.54	454.86	15.98	453.27
Second Quarter '19	DRY	----	DRY	----	29.25	462.64	NM	----	3.98	455.42	15.93	453.32
Third Quarter '19	DRY	----	DRY	----	30.04	461.85	DRY	----	7.21	452.19	15.99	453.26
Fourth Quarter '19	DRY	----	DRY	----	29.73	462.16	DRY	----	3.99	455.41	15.90	453.35
Second Quarter '20	DRY	----	DRY	----	DRY	----	DRY	----	3.88	455.52	15.70	453.55
Third Quarter '20	DRY	----	DRY	----	DRY	----	DRY	----	8.15	451.25	15.83	453.42
Fourth Quarter '20	DRY	----	DRY	----	30.05	461.84	DRY	----	7.28	452.12	15.99	453.26
Second Quarter '21	DRY	----	DRY	----	29.71	462.18	DRY	----	7.80	451.60	16.17	453.08
Third Quarter '21	DRY	----	DRY	----	DRY	----	DRY	----	4.86	454.54	16.15	453.10
Fourth Quarter '21	DRY	----	DRY	----	30.16	461.73	DRY	----	4.36	455.04	----	----
Second Quarter '22	DRY	----	DRY	----	30.22	461.67	DRY	----	4.26	455.14	15.46	453.79
Third Quarter '22	DRY	----	DRY	----	DRY	----	DRY	----	7.24	452.16	16.16	453.09
Fourth Quarter '22	DRY	----	DRY	----	30.06	461.83	DRY	----	5.93	453.47	16.10	453.15
Second Quarter '23	DRY	----	DRY	----	29.64	462.25	DRY	----	4.33	455.07	15.41	453.84
Third Quarter '23	DRY	----	DRY	----	DRY	----	DRY	----	7.63	451.77	15.73	453.52
Fourth Quarter '23	DRY	----	DRY	----	30.03	461.86	DRY	----	4.68	454.72	15.93	453.32
Change Since Previous Event	--		--		0.03		--		1.25		0.17	

NM - Not Measured

DRY - Well or piezometer was dry

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-1S 6/21/2007 ug/L	MW-1S 11/14/2007 ug/L	MW-1S 5/21/2008 ug/L	MW-1S 12/2/2008 ug/L	MW-1S 4/29/2009 ug/L	MW-1S 12/15/2009 ug/L	MW-1S 4/8/2010 ug/L	MW-1S 12/15/2010 ug/L	MW-1S 6/30/2011 ug/L	MW-1S 12/13/2011 ug/L	MW-1S 6/12/2012 ug/L	MW-1S 12/12/2012 ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	50 J	41 J
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	34 J	38 J	38 J	36 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	1.2 J
Calcium		5000	66000	66000	64000	62000	69000	69000	77000	72000	72000	72000	80000	72000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 J	10 U	7.5 J	7.2 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.6 J
Copper	200	25	10 U	10 U	13	10 U	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**300**	**300**	**370**	130	52	260	180	230	150	210	**670**	**650**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	100000	100000	98000	100000	100000	110000	120000	110000	110000	110000	130000	110000
Manganese	300 [3]	15	**200**	**200**	**210**	22	10 U	46	78	20	220	28	**160**	**91**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.9 J
Potassium		5000	6400	6400	5100	5300	5500	4900	5100	4800 JH	5300	4700	5500	5900
Selenium	10	5	10 U	10 U	10 U	***25**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**28000**	**28000**	**22000**	**49000**	**30000**	**25000**	**27000**	**25000**	**26000**	**25000**	**26000**	**25000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	12 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	5.1 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-1S 6/6/2013 ug/L	MW-1S 10/30/2013 ug/L	MW-1S 6/19/2014 ug/L	MW-1S 12/3/2014 ug/L	MW-1S 5/29/2015 ug/L	MW-1S 11/10/2015 ug/L	MW-1S 5/11/2016 ug/L	MW-1S 12/7/2016 ug/L	MW-1S 4/5/2017 ug/L	MW-1S 12/5/2017 ug/L	MW-1S 4/25/2018 ug/L	MW-1S 12/12/2018 ug/L
Analyte														
Aluminum		200	100 U	100 U	40 J	100 U	100 U	100 U	30 J	44 J	100 U	100 U	100 U	197
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	27 J	50 U	50 U	50 U	50 U	50 U	8 J
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	2 J	5 U	10 U	3 J	5 U	5 U
Barium	1000	200	34 J	34 J	32	29	31	26	31	35	32	37	29	39
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	72000	70000	69000	65000	65000 J	59000 J	69000	62600	64100	68300	63500	63900
Chromium	50	10	4.4 J	4.3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	6 J	2 J	10 U	10 U	10 U	4 J	3 J	2 J	3 J	3 J
Iron	300 [3]	100	220	**340**	**520**	**620**	**630**	**750**	**660**	**400**	44 J	**363**	40 J	**335**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	120000	110000	110000	99000	110000 J	95000	110000	111000	106000	114000	104000	107000
Manganese	300 [3]	15	83	72	**170**	**117**	**86**	**62**	**127**	38	7 J	51	17	32
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	4900	5500	5000	3900	4400	3900	4000	4300	4070	5160	3800	4160
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**27000**	**26000**	**28000**	**25000**	**25000**	**24000**	**26000**	**25200**	**25400**	**29300**	**25800**	**25700**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	20 U	50 U	50 U	50 U	50 U	50 U	4 J	4 J	5 U	50 U	2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID **Sample Date** **Units**	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-1S 4/16/2019 ug/L	MW-1S 12/12/2019 ug/L	MW-1S 4/1/2020 ug/L	MW-1S 11/24/2020 ug/L	MW-1S 3/23/2021 ug/L	MW-1S 12/14/2021 ug/L	MW-1S 4/13/2022 ug/L	MW-1S 12/7/2022 ug/L	MW-1S 4/4/2023 ug/L	MW-1S 12/13/2023 ug/L
Analyte												
Aluminum		200	100 U	100 U	100 U	100 U	80 J	100 U	100 U	311	37.9 J	55.3 J
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	7 J	50 U	50 U	50 U	50 U
Arsenic	25	10	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	34	33	30	29	35	36	34	35.7	35.6	37
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	65100	65700	62500	71300	67100	63500	64900	65000	66300	64600
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	4 J	2 J	10 U	10 U	3 J	10 U	3 J	2.5 J	3 J	10 U
Iron	300 [3]	100	64	16 J	31 J	**597**	117	240	34 J	**453**	50.4	27 J
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	115000	102000	106000	108000	113000	104000	115000	106000	115000	109000
Manganese	300 [3]	15	13	7 J	9 J	**154**	11	25	19	19.6	10.8	24.4
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	3850	4000	3590	4580	3730	4240	3850	4140	3840	3680
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.7 J	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**27600**	**24800**	**23900**	**26000**	**25700**	**25900**	**25500**	**27500**	**25700**	**24900**
Thallium	0.5 [2]	10	20 U	3 J	20 U	3 J	4 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	50 U	50 U	50 U	14 J	12 J	2.8 J	2.2 J	2.7 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S
Sample Date	Class GA Standard		6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/14/2009	4/8/2010	12/15/2010	6/29/2011	12/12/2011	6/12/2012	12/12/2012
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	41 J	100 U
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	37 J	43 J	40 J	41 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	10 U
Calcium		5000	51000	54000	52000	54000	55000	57000	59000	58000	58000	60000	68000	60000
Chromium	50	10	10 U	10 U	10 U	18	10 U	10 U	10 U	10 U	8.8 J	10 U	7.8 J	4.9 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	50 U	50 U	64	**350**	25	130	140	50 U	33 J	94	72	69
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	95000	94000	93000	100000	96000	100000	110000	100000	110000	110000	120000	110000
Manganese	300 [3]	15	10 U	24	10 U	73	10 U	10 U	10 U	10 U	1.6 J	6.9 J	18	10
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.43	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.2 J
Potassium		5000	3600	7900	2600	4800	2700	3000	2600	3200	3300	6900	3800	7
Selenium	10	5	10 U	10 U	10 U	***36**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**34000**	**36000**	**27000**	**35000**	**37000**	**32000**	**32000**	**30000**	**29000**	**31000**	**33000**	**30000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	5.9 J	4.1 J	6 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S
Sample Date	Class GA Standard	CRDL [1]	6/6/2013	10/30/2013	6/18/2014	12/3/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/25/2018	12/11/2018
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	30 J	100 U	100 U	100 U	100 U	699	85 J	67 J	100 U	39 J
Antimony	3 [2]	60	10 U	10 U	**19 J**	50 U	50 U	**36 J**	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	5 U	2 J	5 U	3 J	5 U	5 U
Barium	1000	200	39 J	44 J	35	37	35	39	41	47	60	85	71	77
Beryllium	3 [2]	5	0.36 J	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	60000	56000	50000	53000	53000	48000	58000	36400	41600	51700	54800	55800
Chromium	50	10	4.7 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	4 J	2 J	10 J	3 J	3 J	8 J	3 J	4 J	3 J	3 J
Iron	300 [3]	100	29 J	63	60	40	40 J	100	50 U	**591**	64	99	24 J	110
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	3 J	10 U	10 U
Magnesium	35000 [2]	5000	110000	100000	96000	95000	100000	85000	110000	47400	56300	85600	94700	99000
Manganese	300 [3]	15	10 U	5.9 J	3 J	2 J	10 U	53	3 J	18	11	14	6 J	12
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2600	2600	1800 J	3300	2300 J	3900 J	2000 J	1880 J	1710 J	3190 J	1960 J	2250 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**33000**	**33000**	**32000**	**32000**	**30000**	**29000**	**32000**	14500	18800	**30700**	**31400**	**32600**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	4.9 J	50 U	50 U	50 U	50 U	50 U	4 J	50 U	3 J	50 U	3 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2S 4/16/2019 ug/L	MW-2S 12/12/2019 ug/L	MW-2S 3/31/2020 ug/L	MW-2S 11/23/2020 ug/L	MW-2S 3/23/2021 ug/L	MW-2S 12/14/2021 ug/L	MW-2S 4/13/2022 ug/L	MW-2S 12/7/2022 ug/L	MW-2S 4/4/2023 ug/L	MW-2S 12/13/2023 ug/L
Analyte												
Aluminum		200	100 U	100 U	100 U	124	104	100 U	100 U	381	42.4 J	363
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	7 J	50 U	50 U	50 U	50 U
Arsenic	25	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	74	66	58	61	53	64	55	47.5	55.5	58.5
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	55400	58800	58300	57100	53800	54900	58400	48100	57200	56100
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	4 J	10 U	10 U	3 J	10 U	10 U	3 J	4.5 J	10 U	2.5 J
Iron	300 [3]	100	36 J	45 J	116	179	111	81	62	**352**	40.1 J	**328**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	105000	97100	108000	98700	87200	94600	110000	81200	107000	101000
Manganese	300 [3]	15	3 J	5 J	12	20	3 J	5 J	5 J	7.4 J	1.7 J	4.2 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 J	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2060 J	2300 J	2260 J	2020 J	1870 J	3030	2070 J	2120 J	1890 J	2260 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**34100**	**31600**	**32800**	**31700**	**31400**	**32800**	**32500**	**29400**	**31800**	**31200**
Thallium	0.5 [2]	10	20 U	3 J	20 U	2 J	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	7 J	50 U	50 U	14 J	11 J	7.7 J	50 U	2.2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	410	300	440	330	250	390	430	560	530	260	220
Antimony	3 [2]	60	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	34 J	34 J	38 J	34 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1.2 J
Calcium		5000	70000	73000	67000	70000	150000	72000	77000	74000	73000	73000	83000	70000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10	10 U	7.6 J	7.4 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8.4 J
Copper	200	25	10 U	10 U	11	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	140	**700**	**1200**	**1700**	290	**550**	**490**	**650**	**510**	**450**	**520**	**550**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	120000	110000	110000	120000	310000	120000	120000	120000	120000	120000	140000	120000
Manganese	300 [3]	15	52	**170**	**160**	**170**	66	**120**	**90**	**130**	**61**	**140**	**120**	**140**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U	3 J	3.4 J	4 J	5.7 J
Potassium		5000	7600	6500	7100	6900	18000	4500	4900	4500	6900	4600	6000	6100
Selenium	10	5	10 U	10 U	10 U	***35**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**57000**	**53000**	**40000**	**84000**	**120000**	**46000**	**49000**	**45000**	**48000**	**45000**	**48000**	**39000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	12 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U
Zinc	2000	20	10 U	10 U	32	29	17	20 U	20 U	20 U	8.9 J	12 J	26	39
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
Sample Date	Class GA	CRDL [1]	6/6/2013	10/30/2013	6/19/2014	12/3/2014	5/29/2015	11/10/2015	5/12/2016	12/7/2016	4/6/2017	12/6/2017	4/25/2018	12/11/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	180	89	40 J	100 U	80 J	100 U	70 J	34 J	441	84 J	199	71 J
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	12 J	50	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U	3 J	5 U
Barium	1000	200	35 J	32 J	25	34	33	27	31	35	42	51	48	34
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	71000	75000	64000	69000	66000	63000	60000	62300	64700	60800	66600	65500
Chromium	50	10	5.1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	2 J	3 J	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U
Iron	300 [3]	100	270	**790**	230	240	**570**	210	**470**	**417**	**1140**	**366**	**1000**	**494**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 J	10 U	10 U
Magnesium	35000 [2]	5000	120000	130000	110000	110000	120000	100000	110000	117000	111000	113000	115000	115000
Manganese	300 [3]	15	48	**120**	97	107	**104**	95	**85**	**87**	**166**	105	**90**	**83**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	2.4 J	2 J	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	5100	6400	7100	4200	5000	3800	3900	3900	4040	7360	7450	4790
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**44000**	**49000**	**47000**	**44000**	**45000**	**46000**	**44000**	**43900**	**46100**	**45900**	**50000**	**45900**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	2 J	50 U	50 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	5.9 J	5.1 J	50 U	50 U	50 U	50 U	50 U	3 J	4 J	50 U	4 J	3 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/2/2020	11/24/2020	3/23/2021	12/14/2021	4/14/2022	12/7/2022	4/5/2023	12/14/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte												
Aluminum		200	47 J	77 J	50 J	135	78 J	144	181	44.3 J	108	89.1 J
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	4 J	3 J	5 U	5 U	2 J	5 U	5 U	5 U	5 U	2.4 J
Barium	1000	200	33	35	30	32	34	37	40	27.8	39	38.4
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	64200	66700	63000	64000	65300	65200	67400	68200	64600	66900
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	2 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	282	278	241	**968**	273	**823**	**418**	203	370	**521**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.9 J
Magnesium	35000 [2]	5000	120000	104000	111000	109000	114000	112000	122000	117000	117000	117000 0
Manganese	300 [3]	15	79	83	85	**106**	101	**94**	**78**	80.9	102	**102**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.16 J	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	2 J	25 U	25 U	25 U
Potassium		5000	8310	4440	5400	4470	3870	4060	7390	4780	4620	3860
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**50400**	**42800**	**43400**	**39800**	**42000**	**44400**	**46000**	**40200**	**42800**	**44200**
Thallium	0.5 [2]	10	20 U	4 J	50 U	50 U	4 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	4 J	11 J	2 J	6 J	12 J	18 J	2.2 J	4.7 J	5 U
Purge Method			B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2R 6/21/2007 ug/L	MW-2R 11/14/2007 ug/L	MW-2R 5/21/2008 ug/L	MW-2R 12/2/2008 ug/L	MW-2R 4/29/2009 ug/L	MW-2R 12/15/2009 ug/L	MW-2R 4/8/2010 ug/L	MW-2R 12/15/2010 ug/L	MW-2R 6/29/2011 ug/L	MW-2R 12/13/2011 ug/L	MW-2R 6/12/2012 ug/L	MW-2R 12/12/2012 ug/L
Analyte														
Aluminum		200	100 U	680	310	5100	750	610	950	100 U	470	1100	160	460
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**33**	12	10 U	10 U	14	16	19	15	15	9.2 J	18
Barium	1000	200	200 U	530	200 U	200 U	200 U	100 U	100 U	100 U	20 J	24 J	73 J	22 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.2 J	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Calcium		5000	210000	240000	210000	270000	230000	230000	260000	250000	250000	260000	270000	240000
Chromium	50	10	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U	6.7 J	10 U	5.4 J	5.8 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	26	10 U	10 U	10 U	10 U	10 U	10 U	5.2 J	10 U
Iron	300 [3]	100	**1800**	**2300**	**1800**	**7800**	**2300**	**2300**	**2700**	**1900**	**2200**	**2700**	**1000**	**2200**
Lead	25	3	10 U	10 U	10 U	24	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	87000	95000	82000	98000	85000	87000	98000	92000	95000	99000	62000	92000
Manganese	300 [3]	15	**47**	**57**	**45**	**190**	**54**	**58**	**61**	**44**	**52**	**60**	**28**	**54**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	21	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.1 J
Potassium		5000	9100	4100	3300	8500	3700	2900	3300	2300	3500	2900	5400	1900
Selenium	10	5	10 U	10 U	10 U	***100**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**54000**	**57000**	**41000**	**47000**	**54000**	**43000**	**49000**	**43000**	**47000**	**45000**	**40000**	**43000**
Thallium	0.5 [2]	10	*10 U	*10 U	**32**	10 U	10 U	20 U	20 U	20 U	20 U	20 U	11 J	20 U
Vanadium		50	10 U	10 U	10 U	10	10	10 U	10 U	10 U	10 U	2.1 J	10 U	10 U
Zinc	2000	20	10 U	13	10 U	120	20	20 U	20 U	20 U	8.2 J	12 J	14 J	11 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2R 6/7/2013 ug/L	MW-2R 10/30/2013 ug/L	MW-2R 6/19/2014 ug/L	MW-2R 12/4/2014 ug/L	MW-2R 5/29/2015 ug/L	MW-2R 11/10/2015 ug/L	MW-2R 5/11/2016 ug/L	MW-2R 12/7/2016 ug/L	MW-2R 4/5/2017 ug/L	MW-2R 12/5/2017 ug/L	MW-2R 4/25/2018 ug/L	MW-2R 12/11/2018 ug/L
Analyte														
Aluminum		200	400	160	80 J	120	40 J	50 J	110	113	616	123	158	148
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	15	13	14	14	12	13	19	15	16	17	16	19
Barium	1000	200	21 J	18 J	15	14	13	12	14	15	38	17	15	15
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	250000	220000	230000	230000	230000	210000	240000	224000	223000	235000	221000	231000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	3 J	3 J	10 U	10 U	10 U	3 J	2 J	2 J	2 J	2 J
Iron	300 [3]	100	**2000**	**1600**	**1700**	**1700**	**1600**	**1600**	**1600**	**1740**	**2280**	**1600**	**1640**	**1900**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	3 J	10 U	3 J
Magnesium	35000 [2]	5000	94000	87000	92000	84000	94000	79000	93000	96400	85100	90800	85000	90700
Manganese	300 [3]	15	**49**	**44**	**43**	**46**	**42**	**40**	**42**	**43**	**55**	**44**	**43**	**48**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	2.8 J	25 U	25 U	25 U
Potassium		5000	3000	2900	2400 J	2200 J	2600	2100	2400	2350 J	2400 J	2980	2340 J	2490 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**47000**	**44000**	**49000**	**44000**	**46000**	**46000**	**47000**	**45800**	**45500**	**51600**	**46700**	**48100**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	7.8 J	6.1 J	8 J	50 U	50 U	50 U	50 U	5 J	8 J	5 J	3 J	5 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2R 4/16/2019 ug/L	MW-2R 12/12/2019 ug/L	MW-2R 3/31/2020 ug/L	MW-2R 11/24/2020 ug/L	MW-2R 3/23/2021 ug/L	MW-2R 12/14/2021 ug/L	MW-2R 4/13/2022 ug/L	MW-2R 12/7/2022 ug/L	MW-2R 4/4/2023 ug/L	MW-2R 12/13/2023 ug/L
Analyte												
Aluminum		200	1370	536	100 U	133	152	40 J	125	100 U	52.1 J	272
Antimony	3 [2]	60	50 U	50 U	20 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	20	15	17	15	16	16	18	19.8	16.5	16.7
Barium	1000	200	25	20	12	14	22	13	15	10.3	12.3	24
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	230000	241000	231000	235000	235000	226000	240000	245000	228000	220000
Chromium	50	10	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**3230**	**2190**	**1700**	**1780**	**1810**	**1630**	**1860**	**1670**	**1700**	**1870**
Lead	25	3	10	4 J	10 U	3 J	10 U	10 U	10 U	10 U	10 U	4.4 J
Magnesium	35000 [2]	5000	86700	84300	88700	87700	93200	87600	98300	95700	92700	88300
Manganese	300 [3]	15	**89**	**53**	**40**	**44**	**48**	**39**	**46**	**43.8**	**41.9**	**48.1**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.17 J	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2720	2460 J	2360 J	2320 J	2310 J	2330 J	2600	2390 J	2360 J	2270 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**49400**	**46400**	**46700**	**46100**	**48900**	**47100**	**49400**	**47200**	**46400**	**43600**
Thallium	0.5 [2]	10	20 U	3 J	20 U	0.2 J	0.2 J	0.2 U	20 U	20 U	20 U	20 U
Vanadium		50	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	11 J	10 J	50 U	5 J	4 J	12 J	13 J	50 U	3.5 J	6.6
Purge Method			B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-4S 6/20/2007 ug/L	MW-4S 11/14/2007 ug/L	MW-4S 5/21/2008 ug/L	MW-4S 12/2/2008 ug/L	MW-4S 4/29/2009 ug/L	MW-4S 12/15/2009 ug/L	MW-4S 4/8/2010 ug/L	MW-4S 12/15/2010 ug/L	MW-4S 6/30/2011 ug/L	MW-4S 12/13/2011 ug/L	MW-4S 6/12/2012 ug/L	MW-4S 12/12/2012 ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	29 J	29 J	33 J	29 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.4 J
Calcium		5000	71000	66000	66000	66000	73000	73000	78000	74000	75000	76000	78000	69000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9.1 J	5.8 J	10 U	8.1 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.4 J
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	210	**310**	82	**600**	88	160	50 U	110	270	170	170	64
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	150000	130000	130000	140000	140000	140000	150000	140000	150000	150000	160000	130000
Manganese	300 [3]	15	160	81	130	**54**	57	31	19	32	89	34	130	8 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	6300	5500	4600	5300	4800	4400	4200	4100	5000	4900	4300	5500
Selenium	10	5	10 U	10 U	10 U	***40**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**54000**	**53000**	**39000**	**52000**	**59000**	**49000**	**50000**	**47000**	**50000**	**48000**	**45000**	**46000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	4.7 J	20 U	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-4S 6/7/2013 ug/L	MW-4S 10/30/2013 ug/L	MW-4S 6/18/2014 ug/L	MW-4S 12/4/2014 ug/L	MW-4S 5/28/2015 ug/L	MW-4S 11/10/2015 ug/L	MW-4S 5/11/2016 ug/L	MW-4S 12/7/2016 ug/L	MW-4S 4/5/2017 ug/L	MW-4S 12/5/2017 ug/L	MW-4S 4/25/2018 ug/L	MW-4S 12/11/2018 ug/L
Analyte														
Aluminum		200	400	100 U	30 J	100 U	10 U	100 U	100 U	100 U	55 J	100 U	100 U	100 U
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3 J	5 U	5 U
Barium	1000	200	39 J	27 J	26	23	25	22	26	23	25	26	24	26
Beryllium	3 [2]	5	0.22 J	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	73000	68000	64000	66000	68000	64000	75000	63500	70400	68900	70800	68100
Chromium	50	10	5.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	8.7 J	10 U	2 J	2 J	10 U	10 U	2 J	3 J	2 J	10 U	10 U	10 U
Iron	300 [3]	100	**2200**	**390**	180	40 J	40 J	140 J	70	166	83	238	74	**414**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	140000	130000	120000	140000	130000	150000	142000	141000	138000	143000	139000
Manganese	300 [3]	15	**210**	80	98	23	45	60	47	33	19	39	24	43
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	4.5 J	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	7000	4700	3400	3800	3600	3400	3500	3700	3560	4520	3450	3870
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**49000**	**50000**	**47000**	**48000**	**47000**	**49000**	**50000**	**50100**	**50300**	**55300**	**50100**	**51600**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	23	20 U	50 U	50 U	50 U	50 U	50 U	50 U	2 J	5 U	50 U	3 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID **Sample Date** **Units**	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-4S 4/16/2019 ug/L	MW-4S 12/12/2019 ug/L	MW-4S 4/2/2020 ug/L	MW-4S 11/23/2020 ug/L	MW-4S 3/23/2021 ug/L	MW-4S 12/14/2021 ug/L	MW-4S 4/14/2022 ug/L	MW-4S 12/6/2022 ug/L	MW-4S 4/3/2023 ug/L	MW-4S 12/13/2023 ug/L
Analyte												
Aluminum		200	100 U	100 U	120	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	4 J	5 U	2 J	2 J	5 U	5 U	2 J	5 U	5 U	3 J
Barium	1000	200	25	24	15	22	24	25	25	21.7	23.4	24.7
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	70800	70300	198000	66100	70900	69000	74400	73100	70300	69800
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U
Iron	300 [3]	100	124	174	**309**	**342**	129	133	137	113	75	136
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	134000	348000	124000	140000	134000	156000	150000	146000	142000
Manganese	300 [3]	15	26	30	59	78	34	26	9 J	39.1	35.2	37.5
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 J	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	4 J	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	3630	3710	6330	3690	3540	3800	3700	4030	3470	3520
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**50400**	**49700**	**110000**	**56500**	**54200**	**50700**	**52100**	**57700**	**49200**	**51200**
Thallium	0.5 [2]	10	20 U	3 J	20 U	20 U	3 J	2 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	12 J	4 J	50 U	11 J	13 J	50 U	3.9 J	5 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID **Sample Date** **Units**	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-4D 6/20/2007 ug/L	MW-4D 11/14/2007 ug/L	MW-4D 5/21/2008 ug/L	MW-4D 12/2/2008 ug/L	MW-4D 4/29/2009 ug/L	MW-4D 12/15/2009 ug/L	MW-4D 4/8/2010 ug/L	MW-4D 12/15/2010 ug/L	MW-4D 6/30/2011 ug/L	MW-4D 12/13/2011 ug/L	MW-4D 6/12/2012 ug/L	MW-4D 12/12/2012 ug/L
Analyte														
Aluminum		200	100 U	850	3000	200	300	110	240	230	180	140 J	920	280 J
Antimony	3 [2]	60	21	10 U	10 U	10 U	24	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	35 J	23 J	33 J	24 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.23 J	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U
Calcium		5000	130000	230000	210000	190000	150000	130000	190000	230000	160000	200000	220000	200000
Chromium	50	10	12	10 U	10 U	32	10 U	10 U	10 U	10 U	14	9.1 J	8.8 J	29 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U
Iron	300 [3]	100	78	**990**	**4200**	290	290	98	290	**3000**	230	280	**810**	**330**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	390000	350000	330000	350000	310000	350000	380000	340000	390000 E	340000	400000	360000
Manganese	300 [3]	15	48	**200**	**210**	110	66	39	59	**16**	80	63	**150**	76
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	16	10 U	11	10	10 U	10 U	10 U	10 U	4.3 J	5.3 J	6.2 J	5.9 J
Potassium		5000	1700	9600	1700	19000	18000	15000	11000	8600	1600	ar	14000	18000
Selenium	10	5	10 U	10 U	10 U	***86**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**160000**	**120000**	**120000**	**130000**	**120000**	**120000**	**130000**	**120000**	**120000**	**120000**	**120000**	**120000**
Thallium	0.5 [2]	10	12	10 U	36	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Zinc	2000	20	100	10 U	37	11	17 U	20 U	20 U	24	5.2	7 J	12 J	5.1 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/12/2016	12/7/2016	4/6/2017	12/6/2017	4/25/2018	12/11/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	120	190	700	250	2700	60 J	1500	2470	287	131	302	242
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	2 J	3 J	5 U	3 J	5 U	3 J	2 J	5 U	3 J
Barium	1000	200	24 J	21 J	57	33	61	17	27	36	21	23	19	17
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	180000	180000	170000	160000	200000	180000	210000	219000	208000	148000	192000	207000
Chromium	50	10	10 U	4.7 J	10 U	10 U	10 U	10 U	4 J	5 J	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	3 J	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	6 J	3 J	16	90 J	12	16	4 J	4 J	6 J	3 J
Iron	300 [3]	100	97	200	**1200**	**460**	**3900**	120	**2200**	**3620**	**410**	220	**337**	**378**
Lead	25	3	10 U	10 U	3 J	10 U	5 J	10 U	10 U	5 J	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	320000	340000	280000	270000	340000	300000	340000	409000	374000	296000	333000	375000
Manganese	300 [3]	15	45	60	**55**	**119**	**208**	39	**167**	**197**	**132**	29	80	106
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	4.8 J	4.8 J	5 J	7 J	9 J	5 J	9 J	8 J	5 J	4 J	6 J	5 J
Potassium		5000	12000	19000	7900	8900	9800	7000	8200	6860	6820	6820	7270	6960
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**120000**	**110000**	**110000**	**110000**	**110000**	**110000**	**120000**	**107000**	**109000**	**112000**	**111000**	**113000**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	1 J	10 U	5 J	10 U	3 J	4 J	10 J	10 J	10 U	10 U
Zinc	2000	20	4.4 J	7 J	11 J	9 J	18 J	50 U	11 J	16 J	5 J	4 J	5 J	5 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID **Sample Date** **Units**	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-4D 4/16/2019 ug/L	MW-4D 12/12/2019 ug/L	MW-4D 4/2/2020 ug/L	MW-4D 11/24/2020 ug/L	MW-4D 3/23/2021 ug/L	MW-4D 12/14/2021 ug/L	MW-4D 4/14/2022 ug/L	MW-4D 12/7/2022 ug/L	MW-4D 4/4/2023 ug/L	MW-4D 12/14/2023 ug/L
Analyte												
Aluminum		200	88 J	175	100 U	396	260	263	221	85.4 J	268	185
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	2 J	5 U	5 U	2 J	3 J	5 U	4 J	5 U	5 U	3.5 J
Barium	1000	200	15	18	24	18	26	23	17	12.3	17.2	18.6
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	207000	195000	74500	211000	216000	202000	218000	164000	148000	176000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	3 J	10 U	5 J	10 U	10 U	3 J	3.3 J	3.5 J	3.5 J
Iron	300 [3]	100	223	229	112	**637**	**473**	**554**	**467**	197	**389**	242
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.9 J
Magnesium	35000 [2]	5000	355000	316000	154000	356000	369000	340000	422000	293000	313000	333000
Manganese	300 [3]	15	131	70	31	**111**	**83**	**80**	**108**	17.1	38.6	42.2
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21	0.2 U	0.09 J	0.2 U
Nickel	100	40	4 J	3 J	10 U	5 J	4 J	4 J	5 J	3.7 J	7.3 J	4.1 J
Potassium		5000	7890	6670	3600	6020	6360	6340	6630	6310	6940	6820
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**120000**	**96300**	**50700**	**102000**	**113000**	**105000**	**111000**	**106000**	**100000**	**97000**
Thallium	0.5 [2]	10	20 U	4 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	5 J	6 J	3 J	10 J	5 J	17 J	15 J	8.1 J	7.6 J	8.2
Purge Method			B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
Sample Date	Class GA Standard	CRDL [1]	6/20/2007	11/14/2007	5/20/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/29/2011	12/12/2011	6/12/2012	12/12/2012
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	11	10 U	10 U	10 U	13	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	13	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	26 J	27 J	36 J	30 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Calcium		5000	87000	77000	84000	65000	90000	85000	96000	83000	90000	88000	85000	70000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.2 J	4.5 J	7.9 J	10 U
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	16	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.8 J	10 U
Iron	300 [3]	100	**330**	170	280	160	150	50 U	**310**	210	270	260	24	50 U
Lead	25	3	10 U	10 U	10 U	10 U	18	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	170000	140000	160000	130000	170000	160000	180000	150000	160000	160000	160000	120000
Manganese	300 [3]	15	97	69	82	57	78	85	83	73	83	94	10 U	13
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	6800	7700	5400	7000	6400	4800	5100	4700 JH	5100	5100	5700	5300
Selenium	10	5	10 U	10 U	10 U	***36**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**46000**	**40000**	**38000**	**31000**	**50000**	**37000**	**42000**	**34000**	**37000**	**37000**	**33000**	**28000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	20	20 U	20 U	20 U	5.8 J	4.2 J	14 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
Sample Date	Class GA Standard	CRDL [1]	6/6/2013	10/30/2013	6/19/2014	12/3/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/25/2018	12/10/2018
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	NS	100 U	100 U	40 J	10 U	20 J	100 U	34 J	34 J	10 U	38 J
Antimony	3 [2]	60	10 U	NS	50 U	23 J	50 U	50 U	50 U	15 J	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	NS	5 U	5 U	5 U	5 U	3 J	5 U	5 U	5 U	2 J	2 J
Barium	1000	200	28 J	NS	29	34	33	34	32	34	32	46	40	60
Beryllium	3 [2]	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 J	5 U
Calcium		5000	75000	NS	73000	91000	99000	100000	120000	102000	112000	139000	141000	180000
Chromium	50	10	4.9 J	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	NS	4 J	4 J	5 J	6 J	5 J	8 J	6 J	5 J	7 J	5 J
Iron	300 [3]	100	50 U	NS	50 U	30 J	160	140	50	63	60	87	16 J	114
Lead	25	3	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	NS	140000	150000	190000	170000	200000	195000	200000	234000	247000	318000
Manganese	300 [3]	15	3.8 J	NS	5 J	25 J	45	96	25	8 J	4 J	20	11	14
Mercury	0.7	0.2	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	NS	25 U	25 U	4 J	25 U	25 U	2 J	3 J	3 J	3 J	2 J
Potassium		5000	4800	NS	3600	4400	4600	4900	4700	5220	4820	7800	5340	8260
Selenium	10	5	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	NS	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**34000**	NS	**33000**	**36000**	**47000**	**50000**	**54000**	**53200**	**63900**	**98700**	**120000**	**192000**
Thallium	0.5 [2]	10	20 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	NS	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	NS	50 U	8 J	16 J	13 J	50 U	6 J	4 J	3 J	3 J	4 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
Sample Date	Class GA Standard	CRDL [1]	4/16/2019	12/12/2019	3/31/2020	11/23/2020	3/23/2021	12/13/2021	4/13/2022	12/6/2022	4/4/2023	12/12/2023
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	(ug/L)	ug/L	ug/L	ug/L	ug/L
Analyte												
Aluminum		200	32 J	100 U	100 U	40 J	100 U	100 U	100 U	100 U	100 U	48 J
Antimony	3 [2]	60	50 U	50 U	50 U	14 J	50 U	22 J	50 U	50 U	50 U	50 U
Arsenic	25	10	5 U	2 J	5 U	5 U	5 U	5 U	2 J	2.7 J	5 U	1.9 J
Barium	1000	200	63	68	65	75	64	67	60	56.5	55	55.7
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	183000	214000	216000	212000	208000	185000	180000	176000	153000	144000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	6 J	5 J	10 U	7 J	4 J	5 J	6 J	11	4.5 J	4.3 J
Iron	300 [3]	100	43 J	50 U	12 J	13 J	15 J	34 J	38 J	214	37.2 J	35.6 J
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3.6 J
Magnesium	35000 [2]	5000	309000	318000	361000	337000	362000	296000	312000	300000	270000	238000
Manganese	300 [3]	15	8 J	14	14	20	10	9 J	4 J	43.2	6.7 J	8.9 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.09 J	0.2 U
Nickel	100	40	25 U	25 U	3 J	2 J	2 J	25 U	3 J	25 U	2.5 J	25 U
Potassium		5000	8240	8520	7890	8980	7710	9750	8470	9140	7450	8110
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**244000**	**280000**	**367000**	**376000**	**422000**	**460000**	**482000**	**426000**	**482000**	**466000**
Thallium	0.5 [2]	10	20 U	4 J	20 U	20 U	4 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	3 J	50 U	2 J	2 J	2 J	10 J	12 J	3.9 J	50 U	2.1 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	6/20/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	170	300	100 U	720	130	110	3000 U	150	500	2700	140
Antimony	3 [2]	60	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	19 J	19 J	39 J	23 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.28 J	0.21 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.3 J
Calcium		5000	120000	140000	150000	160000	160000	180000	190000	200000	190000	220000	230000	220000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10	10	5.2 J	11	7.4 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.2 J
Copper	200	25	10 U	10 U	10 U	10 U	10	10 U	10 U	10	10 U	10 U	6.4 J	11 J
Iron	300 [3]	100	95	170	**370**	75	**860**	140	170	**4000**	190	**500**	**2600**	160
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	170000	170000	160000	180000	160000	180000	180000	190000	200000	220000	220000	230000
Manganese	300 [3]	15	20	10 U	45	190	**13**	14	10 U	**110**	9.4 J	**11**	**80**	14
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.071 J	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	15	11	10 U	10 U	10 U	2.6 J	3 J	5.7 J	6.6 J
Potassium		5000	3900	8400	8500	8200	9500	8900	1100 U	1100 JH	12000	9500	12000	15000
Selenium	10	5	10 U	10 U	10 U	***66**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**74000**	**76000**	**61000**	**64000**	**79000**	**64000**	**69000**	**65000**	**68000**	**70000**	**67000**	**72000**
Thallium	0.5 [2]	10	12	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	12 J	20 J
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.2 J	10 J
Zinc	2000	20	10 U	10 U	10 U	10 U	19	20 U	20 U	21	20 U	7.6 J	15 J	4.7 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
Sample Date	Class GA Standard	CRDL [1]	6/7/2013	10/30/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/6/2017	12/6/2017	4/25/2018	12/10/2018
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	290	NS	140	100 U	560	40 J	30 J	51 J	85 J	100 U	100 U	100 U
Antimony	3 [2]	60	10 U	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	NS	5 U	3 J	5 U	5 U	2 J	5 U	4 J	4 J	3 J	3 J
Barium	1000	200	23 J	NS	55	8 J	18	55	16	13	26	15	22	17
Beryllium	3 [2]	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	190000	NS	160000	79000	200000	150000	220000	184000	208000	213000	227000	226000
Chromium	50	10	6.2 J	NS	10 U	10 U	10 U	10 U	10 J	10 U	10 U	5 J	10 U	10 U
Cobalt		50	10 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	6 J	NS	3 J	10 U	5 J	10 U	3 J	4 J	3 J	3 J	3 J	2 J
Iron	300 [3]	100	220	NS	140	80	**1100**	110	20 J	92	298	232	14 J	69
Lead	25	3	10 U	NS	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	200000	NS	4400	170000	220000	150000	220000	234000	205000	233000	197000	232000
Manganese	300 [3]	15	11	NS	3 J	10 U	**158**	6 J	18	6 J	10	38	6 J	13
Mercury	0.7	0.2	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	4.6 J	NS	25 U	25 U	7 J	25 U	7 J	3 J	4 J	5 J	4 J	3 J
Potassium		5000	12000	NS	4700	9200	7500	6500	9300	7220	8640	10200	8360	9010
Selenium	10	5	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	NS	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**65000**	NS	**26000**	**59000**	**65000**	**65000**	**84000**	**68000**	**208000**	**128000**	**179000**	**136000**
Thallium	0.5 [2]	10	20 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	NS	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	4.5 J	NS	41 J	11 J	1880	13 J	50 U	16 J	87 J	20 J	10 J	15 J
Purge Method			B	B	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	11/23/2020	3/23/2021	12/13/2021	4/13/2022	12/6/2022	4/4/2023	12/14/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	679	859	635	342	302	71 J	136	80.5 J	152
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	10 J	50 U	50 U	50 U	50 U
Arsenic	25	10	4 J	5 U	2 J	2 J	5 U	5 U	5 U	2.5 J	5 U
Barium	1000	200	62	46	29	37	21	27	14.2	37.4	19.2
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	268000	253000	231000	239000	213000	219000	63500	156000	25200
Chromium	50	10	9 J	8 J	4 U	2 J	3 J	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	9 J	7 J	5 J	5 J	5 J	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**4840**	**5070**	**1660**	**1290**	**1080**	82	65.4	143	**339**
Lead	25	3	4 J	5 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	184000	203000	205000	211000	210000	215000	57300	136000	1700
Manganese	300 [3]	15	**93**	**84**	**124**	**53**	**29**	3 J	19.8	20	16.1
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U
Nickel	100	40	6 J	6 J	5 J	4 J	2 J	3 J	25 U	2.8 J	25 U
Potassium		5000	11500	9510	8240	9180	8420	8820	2220	7590	750 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**388000**	**197000**	**171000**	**291000**	**167000**	**279000**	**36400**	**216000**	**22300**
Thallium	0.5 [2]	10	20 U	3 J	2 J	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	2 J	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	833	1820	280	338	176	55	25.7 J	26.1 J	140
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/20/2008	12/2/2008	4/29/2009	12/10/2009	4/8/2010	12/16/2010	6/29/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	230	100 U	360	100 U	300	140	180	190	150	76 J	150
Antimony	3 [2]	60	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**52**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	19 J	19 J	26 J	21 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.23 J	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Calcium		5000	570000	540000	520000	540000	530000	580000	570000	570000	550000	580000	500000	450000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U	6.6 J	10 U
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.1 J	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	51	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**1000**	**1200**	**1000**	**1500**	**910**	**1400**	**1100**	**1300**	**1100**	**1100**	**650**	**1100**
Lead	25	3	10 U	10 U	10 U	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	95000	88000	90000	90000	92000	100000	100000	96000	93000	98000	100000	100000
Manganese	300 [3]	15	**35**	**36**	**34**	**66**	**43**	**42**	**32**	**36**	**34**	**35**	**31**	**37**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.29	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	*11000	9900	10000	7900	10000	7400	7800	6400 JH	8600	6600	7400	6300
Selenium	10	5	10 U	10 U	10 U	***170**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**86000**	**78000**	**65000**	**60000**	**88000**	**66000**	**69000**	**58000**	**62000**	**62000**	**57000**	**66000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	**83**	10 U	**39**	20 U	20 U	20 U	20 U	15 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	12	10 U	85	24	20 U	20 U	20 U	20 U	9 J	11 J	7.2 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R
Sample Date	Class GA	CRDL [1]	6/7/2013	10/30/2013	6/19/2014	12/4/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/24/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	68 J	NS	1300	2100	570	2400	410	1180	378	288	392	380
Antimony	3 [2]	60	10 U	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	NS	2 J	8	5 U	5 U	4 J	5 U	5 U	5 U	5 U	5
Barium	1000	200	21 J	NS	43	70	23	49	30	59	22	25	15	22
Beryllium	3 [2]	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 J	5 U
Calcium		5000	570000	NS	260000	310000	480000	420000	530000	392000	476000	536000	479000	494000
Chromium	50	10	10 U	NS	3.8 J	6.6 J	10 U	5 J	2 J	3 J	10 U	2 J	10 U	10 U
Cobalt		50	10 U	NS	20 U	20 U	20 U	50 U	20 U	2 J	2 J	20 U	20 U	20 U
Copper	200	25	10 U	NS	10	14	4 J	9 J	3 J	5 J	4 J	3 J	4 J	3 J
Iron	300 [3]	100	**950**	NS	**3600**	**7800**	**1400**	**6000**	**1200**	**3550**	**1570**	**2920**	**1150**	**1760**
Lead	25	3	10 U	NS	7 J	14	3 J	5 J	10 J	5 J	3 J	10 U	10 U	7 J
Magnesium	35000 [2]	5000	98000	NS	53000	61000	90000	72000	84000	74200	78700	85100	80100	89200
Manganese	300 [3]	15	**32**	NS	**87**	**187**	**68**	**142**	**63**	**81**	**51**	**77**	**43**	**55**
Mercury	0.7	0.2	0.2 U	NS	0.2 U	0.13 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	NS	7 J	10 J	25 U	10 J	4 J	4 J	3 J	25 U	25 U	25 U
Potassium		5000	7200	NS	8600	8800	8000	7700	7800	7970	7040	8900	6070	6770
Selenium	10	5	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	NS	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**67000**	NS	**120000**	**110000**	**130000**	**86000**	**180000**	**288000**	**288000**	**184000**	**176000**	**146000**
Thallium	0.5 [2]	10	20 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	NS	3 J	6 J	1 J	4 J	1 J	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	NS	17 J	27 J	9 J	22 J	9 J	14 J	9 J	11 J	6 J	11 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	3/31/2020	11/23/2020	3/23/2021	12/13/2021	4/13/2022	12/6/2022	4/4/2023	12/12/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte												
Aluminum		200	1020	2120	100 U	250	129	108	570	156	191	96.3 J
Antimony	3 [2]	60	50 U	50 U	50 U	15 J	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	4 J	5 U	5 U	5 U	5 U	5 U	5 U	2.4 J	5 U	5 U
Barium	1000	200	30	19	11	17	17	16	45	47.8	21.6	20.5
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	468000	524000	533000	535000	561000	512000	551000	339000	523000	510000
Chromium	50	10	5 J	10 U	10 U	2 J	10 U	10 U	2 J	10 U	10 U	10 U
Cobalt		50	2 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	6 J	10 U	10 U	10 U	10 U	10 U	5 J	3.2 J	10 U	10 U
Iron	300 [3]	100	**6760**	**8450**	**483**	**1180**	**785**	**748**	**8350**	**2330**	**641**	**928**
Lead	25	3	6 J	10 U	10 U	10 U	10 U	10 U	6 J	10 U	10 U	3.6 J
Magnesium	35000 [2]	5000	78400	80600	88700	87800	96200	86700	92600	62800	92100	88200
Manganese	300 [3]	15	**113**	**42**	**27**	**48**	**38**	**37**	**104**	**87.1**	**48**	**63.2**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U
Nickel	100	40	3 J	25 U	25 U	25 U	25 U	25 U	4 J	25 U	25 U	25 U
Potassium		5000	8380	6040	6240	5890	6030	6370	7660	4600	6130	5620
Selenium	10	5	5 J	10 U	10 U	10 U	10 U	6 J	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**390000**	**90200**	**102000**	**79500**	**106000**	**94100**	**364000**	**199000**	**202000**	**102000**
Thallium	0.5 [2]	10	20 U	2 J	20 U	20 U	4 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	16 J	8 J	4 U	7 J	5 J	16 J	31 J	16.5 J	6.1 J	9.4
Purge Method			B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/14/2009	4/8/2010	12/16/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	56 J	100 U
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	23	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 J	10 J
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	200 U	100 U	100 U	55 J	65 J	52 J	56 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.3 J	1.1 J
Calcium		5000	55000	72000	51000 U	61000	51000	68000	69000	74000	64000	72000	63000	72000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.7 J	10 U	6.3 J	6.5 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**1200**	**1700**	**1200**	**2500**	**1800**	**2100**	**690**	**1100**	**2100**	**960**	**3600**	**1100**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	21000	27000	23000	23000	19000	25000	31000	39000	30000	37000	19000	28000
Manganese	300 [3]	15	**620**	**430**	**440**	**540**	**720**	**560**	**490**	**540**	**470**	**420**	**500**	**420**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	1800	2500	1400	2200	1500	2300	1600	2200 JH	2300	2100	2600	2500
Selenium	10	5	10 U	10 U	10 U	***25**	**13**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	7300	9800	6600	5800	9500	7000	11000	12000	16000	14000	12000	13000
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	11	20 U	20 U	20 U	20 U	20 U	4.6 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/24/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	84 J	100 U	100 U	10 U	100 U	10 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	41 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	3 J	5 U	4 J	2 J	5 U	5 U
Barium	1000	200	53 J	52 J	56	50	62	62	58	59	50	38	48	47
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	62000	68000	57000	67000	59000	64000	65000	65700	54200	55600	55700	59400
Chromium	50	10	4.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**960**	**1100**	**590**	**460**	**1200**	**340**	**580**	**414**	**444**	**446**	**315**	**551**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	31000	29000	33000	30000	34000	27000	31000	32400	25900	14000	26300	21300
Manganese	300 [3]	15	**400**	**510**	**359**	**441**	**404**	**303**	**487**	**362**	**311**	**370**	**232**	**361**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2200	3000	1400 J	1900 J	1800 J	2100 J	1800 J	2200 J	1660 J	23600 J	1630 J	2100 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	11000	10000	12000	12000	**21000**	16000	16000	14000	11300	9640	12200	11000
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	4.6 J	50 U	50 U	20 U	50 U	50 U	2 J	50 U	2 J	50 U	2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	3/31/2020	11/23/2020	3/22/2021	12/13/2021	4/13/2022	12/6/2022	4/3/2023	12/13/2023
	Standard											
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte												
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	34.8 J
Antimony	3 [2]	60	50 U	50 U	9 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	3 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	63	53	57	48	38	61	53	80.9	93.3	108
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	60500	72700	65400	59500	48700	65000	61200	80400	102000	124000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	2 J	10 U	4 J	4 J	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**218**	**546**	**250**	**768**	**465**	**968**	**441**	**821**	**793**	**1000**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	32600	22800	25900	17000	16400	23800	28500	40100	46300	44500
Manganese	300 [3]	15	**291**	**466**	**255**	**354**	**355**	**726**	**474**	**513**	**864**	**891**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 J	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	1870 J	2370 J	1800 J	2390 J	1590 J	2450 J	1910 J	2680	2220 J	2600
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	17500	**25400**	**24500**	17100	13800	**23300**	**23400**	**28400**	**29400**	**29900**
Thallium	0.5 [2]	10	20 U	4 J	20 U	5 J	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	50 U	50 U	50 U	10 J	11 J	50 U	50 U	5 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-8S 6/20/2007 ug/L	MW-8S 11/14/2007 ug/L	MW-8S 5/20/2008 ug/L	MW-8S 12/2/2008 ug/L	MW-8S 4/29/2009 ug/L	MW-8S 12/14/2009 ug/L	MW-8S 4/8/2010 ug/L	MW-8S 12/15/2010 ug/L	MW-8S 6/29/2011 ug/L	MW-8S 12/12/2011 ug/L	MW-8S 6/12/2012 ug/L	MW-8S 12/12/2012 ug/L
Analyte														
Aluminum		200	100 U	470	100 U	100 U	100 U	190	100 U	200	330	100 U	62 J	110
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	49 J	62 J	54 J	55 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	10 U
Calcium		5000	10 U	51000	54000 U	52000	56000	56000	63000	61000	59000	59000	72000	62000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.5 J	7.8 J	4.6 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.3 J	8.2 J
Iron	300 [3]	100	50 U	**360**	63	50 U	50 U	150	10 U	230	210	50 U	61	**370**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	83000	67000	75000	77000	81000	81000	93000	84000	84000	82000	110000	92000
Manganese	300 [3]	15	10 U	27	10 U	25	10 U	35	10 U	10 U	3.4 J	3.0 J	3.1 J	**79**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.1 J
Potassium		5000	6000	5400	4600 U	5000	5100	4200	4700	4300 JH	4400	4000	5500	5500
Selenium	10	5	10 U	10 U	10 U	***29**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**34000**	**48000**	**27000**	**31000**	**34000**	**28000**	**30000**	**28000**	**26000**	**28000**	**30000**	**28000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	15 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	8.6 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-8S 6/7/2013 ug/L	MW-8S 10/31/2013 ug/L	MW-8S 6/18/2014 ug/L	MW-8S 12/4/2014 ug/L	MW-8S 5/28/2015 ug/L	MW-8S 11/10/2015 ug/L	MW-8S 5/11/2016 ug/L	MW-8S 12/7/2016 ug/L	MW-8S 4/5/2017 ug/L	MW-8S 12/5/2017 ug/L	MW-8S 4/23/2018 ug/L	MW-8S 12/12/2018 ug/L
Analyte														
Aluminum		200	550	100 U	100 U	100 U	220	100 U	170	100 U	186	48	100 U	103
Antimony	3 [2]	60	10 U	10 U	50 U	25 J	26 J	50 U	17 J	12 J	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	3 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	50 J	66 J	41	52	51	53	59	53	55	60	48	59
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 J	5 U
Calcium		5000	62000	59000	50000	54000	56000	53000	58000	55100	56700	52500	56900	58400
Chromium	50	10	6.2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	5.3 J	6.4 J	4 J	3 J	4 J	3 J	5 J	3 J	5 J	4 J	4 J	5 J
Iron	300 [3]	100	**340**	130	20	20	220	50 U	220	11 J	231	99	24 J	191
Lead	25	3	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	92000	82000	80000	80000	85000	74000	78000	81000	82600	79900	82200	83600
Manganese	300 [3]	15	7.1 J	14	10 U	4 J	8 J	10 U	12	10 U	8 J	9 J	10 U	10 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	2.7 J	3 J	25 U	25 U	25 U	25 U	4 J	25 U	25 U	2 J	25 U	25 U
Potassium		5000	5000	4900	3500	3700	4200	3700	3500	3840	3720	4550	3620	4010
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**33000**	**31000**	**28000**	**30000**	**32000**	**33000**	**37000**	**31500**	**35500**	**35400**	**32400**	**35900**
Thallium	0.5 [2]	10	10 J	20 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	4 J	20 U	20 U
Vanadium		50	10 U	10 U	10 U	1 J	10 U	10 U	1 J	10 J	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	5 J	50 U	50 U	50 U	50 U	50 U	3 J	3 J	50 J	50 U	2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID **Sample Date** **Units**	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-8S 4/16/2019 ug/L	MW-8S 12/12/2019 ug/L	MW-8S 4/1/2020 ug/L	MW-8S 11/24/2020 ug/L	MW-8S 3/23/2021 ug/L	MW-8S 12/14/2021 ug/L	MW-8S 4/13/2022 ug/L	MW-8S 12/6/2022 ug/L	MW-8S 4/3/2023 ug/L	MW-8S 12/13/2023 ug/L
Analyte												
Aluminum		200	100 U	100 U	100 U	82 J	100 U	100 U	100 U	81.7 J	87.3 J	254
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	2 J	5 U	5 U	5 U	2 J	5 U	2 J	5 U	5 U	5 U
Barium	1000	200	48	52	45	40	47	53	54	38.1	53	48
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	55600	60600	59600	58400	62400	58100	62300	64800	62600	61700
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	5 J	8 J	5 J	3 J	10 U	4 J	5.5 J	5.6 J	5.1 J
Iron	300 [3]	100	43 J	73	22 J	113	50 U	23 J	39 J	119	165	291
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	88000	88300	92700	88800	92400	85800	95200	104000	96400	93400
Manganese	300 [3]	15	3 J	7 J	3 J	10	10 U	2 J	10 U	10	8 J	10 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	2.6 J	25 U
Potassium		5000	4340	4030	3900	4040	3920	4030	3940	4540	3950	3920
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**34000**	**32600**	**31700**	**30200**	**32700**	**32400**	**34500**	**32800**	**32500**	**32000**
Thallium	0.5 [2]	10	20 U	3 J	20 U	3 J	5 J	5 J	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	4 J	50 U	3 J	4 J	13 J	15 J	50 U	3.7 J	2.7 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
Sample Date	Class GA Standard	CRDL [1]	6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	730	220	1400	2100	100 U	100 U	1200	100 U	200	140	1000	510
Antimony	3 [2]	60	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**140**	10 U	10 U	10 U	10 U	10 U	10 U	5.4 J	4.1 J	8 J	8.6 J
Barium	1000	200	200 U	200 U	200 U	370	200 U	100 U	100 U	100 U	130	40 J	52 J	53 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.22 J	0.2 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.5 J
Calcium		5000	78000	60000	60000	270000	56000	58000	86000	65000	93000	74000	82000	74000
Chromium	50	10	10 U	10 U	10 U	37	10 U	10 U	10 U	10 U	12	5.5 J	7.8 J	8 J
Cobalt		50	10 U	10 U	10 U	15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7 J
Copper	200	25	10 U	10 U	13	48	10 U	10 U	10 U	10 U	6 J	10 U	10 U	10 U
Iron	300 [3]	100	**1100**	250	**2600**	**3500**	50 U	85	**1700**	200	**320**	160	**910**	**720**
Lead	25	3	10 U	10 U	**30**	15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	150000	130000	120000	210000	81000	140000	170000	150000	150000	160000	180000	160000
Manganese	300 [3]	15	**53**	13	**70**	**980**	10 U	10 U	**66**	11	110	16	**34**	**38**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	46	10 U	10 U	10 U	10 U	4.6 J	10 U	2 J	2.1 J
Potassium		5000	20000	18000	19000	24000	5100	16000	1800	16000 JH	22000	16000	18000	23000
Selenium	10	5	10 U	10 U	10 U	***97**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**63000**	**59000**	**47000**	**53000**	**34000**	**50000**	**55000**	**51000**	**52000**	**51000**	**53000**	**50000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	11 J	20 U
Vanadium		50	10 U	10 U	10 U	33	10 U	10 U	10 U	10 U	4.2 J	10 U	10 U	10 U
Zinc	2000	20	11	10 U	32	11	10 U	20 U	20 U	20 U	29	20 U	9.7 J	6 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/12/2016	12/7/2016	4/6/2017	12/6/2017	4/24/2018	12/11/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	250	480	150	320	260	140	790	1070	3070	101	812	389
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	10 J	50 U	15 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	7 J	4.8 J	5 U	8	5 U	6	9	6	7	8	8	8
Barium	1000	200	43 J	48 J	6 J	45	32	32	52	42	78	35	40	39
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	74000	66000	500000	66000	54000	60000	78000	71000	98600	63500	76000	78800
Chromium	50	10	4.7 J	4.1 J	10 J	10 U	10 U	10 U	2 J	3 J	6 J	10 J	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	2 J	20 J	20 U	20 U
Copper	200	25	10 U	10 U	5 J	3 J	10 J	10 U	4 J	10 U	9.8 J	10 J	3 J	3 J
Iron	300 [3]	100	270	**600**	**1300**	**640**	290	**360**	**1300**	**1580**	**4930**	215	**1120**	**728**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U	10 U
Magnesium	35000 [2]	5000	160000	140000	120000	140000	140000	130000	150000	147000	160000	150000	154000	161000
Manganese	300 [3]	15	22	**30**	**25**	**31**	16	20	**60**	**54**	**163**	24	**52**	**53**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	2.8 J	25 U	25 U	25 U	25 U	25 U	25 U	6 J	25 U	3 J	25 U
Potassium		5000	17000	17000	7300	14000	15000	12000	13000	11800	12000	12000	11800	11800
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**53000**	**50000**	**160000**	**52000**	**50000**	**48000**	**52000**	**49200**	**50700**	**50900**	**54000**	**52400**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	1 J	10 J	10 U	2 J	2 J	5 J	10 J	10 U	10 U
Zinc	2000	20	20 U	5.9 J	50 U	50 U	50 U	50 U	50 U	6 J	16 J	2 J	3 J	4 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/2/2020	11/24/2020	3/23/2021	12/14/2021	4/14/2022	12/7/2022	4/4/2023	12/14/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte												
Aluminum		200	162	65 J	339 J	141	747	231	140	181	158	191
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10	7	6	7	3 J	7	11	8.1	5 U	9
Barium	1000	200	36	32	37	32	38	38	35	31	6.9 J	36.8
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	70400	76200	63600	67400	65800	77600	85000	76600	532000	78300
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	2 J	20 J	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	10 U	10 U	2 J	10 J	10 U	10 U	10 U	10 U
Iron	300 [3]	100	255	117	**768**	250	**1320**	**429**	272	280	**830**	**306**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	145000	153000	147000	143000	147000	151000	170000	164000	131000	156000
Manganese	300 [3]	15	31	26	**50**	23	**45**	**39**	31	33.9	**25.3**	28
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.16 J	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	2 J	2 J	25 U	25 U	25 U	25 U
Potassium		5000	12700	11000	11900	1080	11700	10800	10700	11500	7380	9940
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**56400**	**50300**	**49900**	**49500**	**52000**	**52800**	**55000**	**53300**	**164000**	**49900**
Thallium	0.5 [2]	10	20 U	3 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	3 J	2 J	3	50 U	5 J	11 J	12 J	50 U	3 J	3.7 J
Purge Method			B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R
Sample Date	Class GA Standard	CRDL [1]	6/20/2007	11/14/2007	5/20/2008	12/2/2008	4/29/2009	12/14/2009	4/8/2010	12/15/2010	6/29/2011	12/13/2011	6/12/2012	12/12/2012
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	10 U	340	100 U	1500	100 U	100 U	240	160	160	100 U	61 J	200
Antimony	3 [2]	60	**16**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**46**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	17 J	15 J	20 J	20 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.23 J	0.3 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.2 J
Calcium		5000	520000	580000	510000	590000	530000	540000	600000	550000	550000	570000	600000	560000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.7 J	7.3 J
Cobalt		50	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.8 J	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	27	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**1200**	**1600**	**1200**	**3700**	**1300**	**1300**	**1700**	**1600**	**1500**	**1300**	**1600**	**1400**
Lead	25	3	10 U	10 U	10 U	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	130000	120000	120000	140000	120000	120000	140000	120000	130000	130000	140000	130000
Manganese	300 [3]	15	**22**	**32**	**20**	**97**	**35**	**17**	**24**	**24**	**25**	**20**	**23**	**26**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	10000	9500	8700	9400	8100	8200	9700	7400 JH	11000	7800	9100	8500
Selenium	10	5	10 U	10 U	10 U	***220**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**180000**	**150000**	**160000**	**180000**	**180000**	**160000**	**180000**	**140000**	**160000**	**160000**	**160000**	**160000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	**110**	10 U	**26**	20 U	20 U	20 U	20 U	12 J	20 J
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	100	22	20 U	20 U	20 U	5.4	4.8 J	5.7 J	6.2 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/5/2017	12/5/2017	4/23/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	75 J	240	150	150	270	100 U	80 J	1050	58 J	216	70 J	69 J
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	26 J	50 U	11 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	2 J	3 J	5 U	3 J	3 J	2 J
Barium	1000	200	17 J	18 J	6 J	7 J	9 J	6 J	7 J	13	7 J	9 J	7 J	7 J
Beryllium	3 [2]	5	10 U	0.2 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	550000	540000	500000	490000	510000	460000	540000	524000	514000	493000	547000	548000
Chromium	50	10	10 U	5.4 J	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	5 J	3 J	3 J	4 J	3 J	3 J	10 U	3 J	4 J	2 J
Iron	300 [3]	100	**1300**	**1500**	**1300**	**1300**	**1500**	**1100**	**1100**	**2970**	**1180**	**1490**	**1240**	**1280**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J
Magnesium	35000 [2]	5000	130000	130000	120000	110000	120000	100000	110000	129000	115000	120000	117000	127000
Manganese	300 [3]	15	**19**	**27**	**25**	**26**	**38**	**17**	**19**	**67**	**18**	**37**	**23**	**23**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	3 J	25 U	25 U	25 U	25 U
Potassium		5000	8700	9300	7300	6900	7800	7000	7000	7420	7150	7850	6990	8300
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**170000**	**170000**	**160000**	**150000**	**160000**	**150000**	**160000**	**160000**	**162000**	**163000**	**165000**	**172000**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	2 J	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	1 J	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	6 J	50 U	50 U	50 U	50 U	50 U	8 J	50 U	6 J	50 U	3 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/1/2020	11/24/2020	3/23/2021	12/14/2021	4/14/2022	12/7/2022	4/3/2023	12/13/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte												
Aluminum		200	158	355	100 U	457	185	109	1610	100 U	4390	192
Antimony	3 [2]	60	50 U	50 U	50 U	8 J	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	6	5 U	5 U	5 U	5 U	5 U	5	3 J	4.7 J	5 U
Barium	1000	200	7 J	8 J	5 J	12	7 J	19	14	4.2 J	33.4	8.1 J
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	517000	537000	515000	530000	561000	487000	582000	573000	586000	514000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	9.9 J	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	2 J	20 U	4 J	20 U
Copper	200	25	10 J	2 J	10 U	4 J	10 U	10 U	6 J	10 U	13	10 U
Iron	300 [3]	100	**1340**	**1450**	**1140**	**1820**	**1410**	238	**4130**	**1260**	**9370**	**1290**
Lead	25	3	10 J	10 U	10 U	10 U	10 U	10 U	5 J	3.6 J	6.5 J	3.2 J
Magnesium	35000 [2]	5000	115000	114000	115000	121000	127000	110000	141000	135000	167000	123000
Manganese	300 [3]	15	**26**	**33**	**17**	**44**	**30**	7 J	**87**	**20.4**	**268**	**26.7**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.23	0.2 U	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	6	25 U	11.1 J	25 U
Potassium		5000	8640	7430	6990	6970	7150	7460	8170	7600	7980	6990
Selenium	10	5	10 U	10 U	10 U	4 J	10 U	5 J	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**180000**	**158000**	**161000**	**156000**	**170000**	**156000**	**176000**	**164000**	**157000**	**153000**
Thallium	0.5 [2]	10	20 U	20 U	20 U	3 J	4 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	8.4 J	10 U
Zinc	2000	20	3 J	4 J	50 U	9 J	50 U	13 J	20 J	50 U	27.7 J	3.3 J
Purge Method			B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	LEACHATE COLLECTION MANHOLE											
Sample Date	Class GA Standard		6/21/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/16/2010	6/30/2011	12/13/2011	6/28/2012	12/12/2012
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	640	6600	1800	2100	690	5200	1300	3200	14000	410	8900	18000
Antimony	3 [2]	60	10 U	21	10 U	10 U	10 U	10 U	10 U	12	39	4.2 J	21	20
Arsenic	25	10	10 U	**79**	10 U	10 U	10 U	18	10 U	**38**	**150**	4.5 J	**74**	**110**
Barium	1000	200	200 U	610	200 U	210	200 U	780	140	290	**1100**	95 J	510	840
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.4 J	10 U	1.2 J	1.3 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**10 J**	10 U	**6.4 J**	**12**
Calcium		5000	70000	120000	76000	13000	60000	180000	82000	110000	260000	67000	170000	220000
Chromium	50	10	10 U	10 U	10 U	13	10 U	10 U	10 U	14	**53**	4 J	29	44
Cobalt		50	10 U	16	10 U	10 U	10 U	17	10 U	13	46	10 U	21	38
Copper	200	25	58	**1100**	120	**230**	61	**1300**	99	**350**	**2200**	36	**860**	**1800**
Iron	300 [3]	100	**8800**	**190000**	160	**3800**	**8700**	**75000**	**1800**	**74000**	**400000**	**6100**	**160000**	**290000**
Lead	25	3	12	**2300**	**49**	**70**	**25**	**340**	**35**	**110**	**670**	11	**290**	**610**
Magnesium	35000 [2]	5000	1600	13000	602000	6000	16000	15000	39000	22000	79000	39000	60000	42000
Manganese	300 [3]	15	**120**	**1300**	220	**580**	**150**	**1900**	**22**	**870**	**3100**	**200**	**1400**	**2700**
Mercury	0.7	0.2	0.2 U	**3.6**	0.6	0.6	0.2 U	**6.7**	0.31	**1.1**	**5.2**	0.2 U	**2.3**	**3.7**
Nickel	100	40	10 U	120	19	47	10 U	**130**	16	54	**230**	9.8 J	**120**	**280**
Potassium		5000	150000	120000	120000	120000	110000	67000	73000	65000 JH	53000	43000	82000	92000
Selenium	10	5	10 U	10 U	10 U	**31**	**15**	10 U	10 U	10 U	**18 J**	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**49000**	**43000**	**32000**	**34000**	**48000**	**29000**	**46000**	**33000**	**38000**	**29000**	**38000**	**31000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	14 J	20 J
Vanadium		50	16	100	16	35	10 U	27	15	66	250	6.9 J	100	180
Zinc	2000	20	58	860	300	420	75	**4800**	220	490	**3100**	68	880	**2600**
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS - Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	LEACHATE COLLECTION MANHOLE											
Sample Date	Class GA Standard		6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/5/2017	12/5/2017	4/23/2018	12/10/2018
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	6000	4200	540	1100	30000	11000	8600	35800	1680	885	916	478
Antimony	3 [2]	60	11	13	50 U	50 U	50 U	20 J	14 J	50 U	50 U	50 U	7 J	50 U
Arsenic	25	10	**34**	23	5	9	9	**35**	**43**	5 U	8	8	11	4 J
Barium	1000	200	320	270	107	133	**2380**	646	361	**1710**	117	109	106	97
Beryllium	3 [2]	5	0.54 J	0.37 J	5 U	5 U	2 J	5 U	5 U	2 J	5 U	5 U	5 U	5 U
Cadmium	5	5	3.1 J	3.6 J	5 U	5 U	5 U	5 U	5 U	**8**	5 U	5 U	1 J	5 U
Calcium		5000	120000	130000	88000	82000	590000	200000	140000	544000	83300	74600	75100	72900
Chromium	50	10	20	14	2.1 J	3.7 J	**80**	30	20	**72**	4 J	4 J	10 U	2 J
Cobalt		50	14	9.8 J	20 U	20 U	65	19 J	13 J	55	2 J	2 J	2 J	2 J
Copper	200	25	**510**	**270**	47	97	**5990**	**1390**	**627**	**3790**	79	73	103	46
Iron	300 [3]	100	**84000**	**47000**	**4800**	**10000**	**400**	**200000**	**86000**	**360000**	**12800**	**9700**	**19100**	**4080**
Lead	25	3	**180**	**110**	19	**44**	**1270**	**355**	**201**	**951**	**32**	**29**	**30**	16
Magnesium	35000 [2]	5000	29000	20000	43000	25000	81000	43000	33000	38000	14200	7860	45700	25800
Manganese	300 [3]	15	**790**	**810**	**143**	**293**	**6450**	**1660**	**888**	**4850**	**178**	**185**	**197**	**184**
Mercury	0.7	0.2	**1.1**	0.67	0.1 J	0.29	**15**	**1.72**	**1.34**	0.57	0.22	0.2 U	0.2 U	0.2 U
Nickel	100	40	69	47	9 J	16 J	**488**	**142**	**77**	**378**	13 J	14 J	16 J	8 J
Potassium		5000	110000	93000	55000	67000	28000	32000	44000	69800	72800	83200	37800	53200
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**56000**	**39000**	**33000**	**31000**	**26000**	**23000**	**29000**	**31600**	**31400**	**33000**	**37000**	**31500**
Thallium	0.5 [2]	10	11 J	20 U	20 U	20 U	20 U	20 U	20 U	**3** J	20 U	20 U	20 U	20 U
Vanadium		50	54 J	40	8 J	14	134	111	60	116	11	11	17	8 J
Zinc	2000	20	510	310	53	107	**3940**	1100	699	**3370**	115	78	103	57
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS - Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	LEACHATE COLLECTION MANHOLE									
Sample Date	Class GA Standard		4/16/2019	12/12/2019	3/31/2020	11/24/2020	3/23/2021	12/14/2021	4/13/2022	12/6/2022	4/3/2023	12/13/2023
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte												
Aluminum		200	2440	12900	8640	1150	1070	1890	3160	1380	2540	1840
Antimony	3 [2]	60	12 J	21 J	30 J	50 U	50 U	13 J	12 J	50 U	16 J	14 J
Arsenic	25	10	19	12	24	5 U	9	19	12	4.9 J	15	13.2
Barium	1000	200	189	932	771	136	109	190	160	88.3	170	144
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	1 J	8	5 U	5 U	5 U	1 J	5 U	5 U	5 U	5 U
Calcium		5000	125000	295000	259000	104000	77400	95800	147000	89500	129000	91200
Chromium	50	10	7 J	**65**	31	4 J	3 J	6 J	7 J	5.2 J	6 J	5.9 J
Cobalt		50	5 J	33	27	3 J	3 J	7 J	4 J	20 U	4.4 J	2.8 J
Copper	200	25	**243**	**1810**	**1970**	148	102	**253**	126	83.3	187	203.0
Iron	300 [3]	100	**31800**	**212000**	**227000**	**10500**	**17600**	**42300**	**20500**	**6600**	**31100**	**27800**
Lead	25	3	**93**	**534**	**509**	**53**	**33**	**70**	**49**	24.7	**61**	**89.6**
Magnesium	35000 [2]	5000	67600	51600	67300	45600	34400	38600	82500	50000	75600	49900
Manganese	300 [3]	15	**512**	**2750**	**2**	**348**	**363**	**654**	**332**	**121**	**328**	**243**
Mercury	0.7	0.2	**0.8**	**3.37**	**4.14**	0.17	0.29	0.60	0.38	0.18 J	0.11 J	0.42
Nickel	100	40	37	**198**	**197**	22	19 J	40	26	10.5 J	29	20.5 J
Potassium		5000	32200	38600	18900	23000	38700	36300	27500	21900	20000	25000
Selenium	10	5	10 U	8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**35000**	**29300**	**27100**	**24100**	**29700**	**31600**	**35000**	**28500**	**30700**	**28800**
Thallium	0.5 [2]	10	20 U	6 J	4 J	4 J	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	31	170	155	12	16	49	19	6.8 J	22.8	20.2
Zinc	2000	20	228	1670	1470	148	112	246	224	107	221	199
Purge Method			B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS - Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

B - Bailer (Either Dedicated or Disposable)

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
December 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-1S										
12/13/2023	1144	22.87	3.12	0	9.44	7.22	1.15	2.9	4.26	PP
12/13/2023	1148	NM	NM	1	10.03	7.14	1.13	3.5	3.49	PP
12/13/2023	1153	NM	NM	2	10.31	7.12	1.12	2.8	2.93	PP
12/13/2023	1157	NM	NM	3	10.55	7.09	1.11	1.6	2.37	PP
12/13/2023	1201	NM	NM	4	10.65	7.09	1.11	1.9	2.39	PP
12/13/2023	1205	NM	NM	5	10.83	7.08	1.11	2.2	2.31	PP
12/13/2023	1206	Collect sample **MW-1S** for TAL Metals.								
MW-2S										
12/13/2023	0931	22.73	3.90	0	8.77	7.12	1.06	8.4	5.57	PP
12/13/2023	0936	NM	NM	1	10.07	7.07	1.07	5.4	4.91	PP
12/13/2023	0940	NM	NM	2	10.18	7.05	1.07	6.8	4.21	PP
12/13/2023	0944	NM	NM	3	10.17	7.02	1.06	10.1	3.62	PP
12/13/2023	0948	NM	NM	4	10.12	7.00	1.06	12.1	2.77	PP
12/13/2023	0954	NM	NM	5	10.54	7.02	1.07	32.8	2.71	PP
12/13/2023	0955	Collect sample **MW-2S** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
December 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-2D										
12/13/2023	0959	37.97	5.43	0	10.59	7.22	1.23	13.4	3.54	B
12/13/2023	1004	NM	NM	2.5	0.67	7.30	1.25	22.2	1.54	B
12/13/2023	1008	NM	NM	5	10.37	7.28	1.24	23.1	4.07	B
12/13/2023	1346	Bailed well dry.								
12/14/2023	0912	NM	NM	0	10.46	7.39	1.30	13.4	3.81	B
12/14/2023	0912	Collect sample **MW-2D** for TAL Metals.								
MW-2R										
12/13/2023	1025	81.63	22.58	0	10.38	10.67	1.23	13.4	6.12	B
12/13/2023	1035	NM	NM	5	10.15	8.47	1.70	47.6	3.99	B
12/13/2023	1045	NM	NM	10	9.97	7.64	1.78	29.5	2.94	B
12/13/2023	1056	NM	NM	15	9.70	7.38	1.79	22.5	3.17	B
12/13/2023	1107	NM	NM	20	9.78	7.19	1.79	19.0	3.88	B
12/13/2023	1115	NM	NM	25	9.76	7.18	1.79	25.8	4.19	B
12/13/2023	1127	NM	NM	30	9.73	7.16	1.79	36.2	4.44	B
12/13/2023	1128	Collect sample **MW-2R** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
December 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-4S										
12/13/2023	1310	22.91	3.62	0.0	7.49	7.52	1.47	7.0	7.92	PP
12/13/2023	1314	NM	NM	1.0	10.62	7.18	1.46	19.0	6.43	PP
12/13/2023	1318	NM	NM	2.0	11.13	7.07	1.46	19.4	3.60	PP
12/13/2023	1322	NM	NM	3.0	11.31	7.02	1.46	166.4	2.63	PP
12/13/2023	1326	NM	NM	4.0	11.37	7.01	1.47	13.5	2.23	PP
12/13/2023	1330	NM	NM	5.0	11.36	7.01	1.47	13.0	1.78	PP
12/13/2023	1331	Collect sample **MW-4S** for TAL Metals.								
MW-4D										
12/13/2023	133	37.88	10.55	0.0	10.70	7.00	2.67	23.3	3.67	B
12/13/2023	1343	NM	NM	5.0	10.84	6.99	2.89	98	3.72	B
12/13/2023	1345	NM	NM	7.0	10.78	6.94	2.98	134	3.09	B
12/13/2023	1346	Bailed well dry.								
12/14/2023		NM	NM	0.0	11.44	7.38	3.07	38.2	4.15	B
		Collect sample **MW-4D** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
December 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-5S										
12/12/2023	1554	18.32	4.44	0	13.50	6.87	4.70	1.8	3.70	PP
12/12/2023	1600	NM	NM	1	13.58	6.92	4.73	0.2	2.16	PP
12/12/2023	1606	NM	NM	2	13.59	6.91	4.75	0.8	2.15	PP
12/12/2023	1611	NM	NM	3	13.83	6.90	4.77	0.3	2.18	PP
12/12/2023	1618	NM	NM	4	13.91	66.88	4.79	2.1	2.17	PP
12/12/2023	1624	NM	NM	5	14.86	6.88	4.82	3.4	2.14	PP
12/12/2023	1625	Collect sample **MW-5S** for TAL Metals.								
MW-5D										
12/13/2023	0814	33.5	6.33	0	15.49	8.19	0.305	212.0	9.12	PP
12/13/2023	0819	NM	NM	1	15.58	8.19	0.291	321.0	9.91	PP
12/13/2023	0822	NM	NM	2	15.62	8.19	0.256	275.0	8.78	PP
12/13/2023	0825	NM	NM	3	15.77	8.18	0.195	251.0	8.64	PP
12/13/2023	0827	NM	NM	4	15.44	8.25	0.345	33.7	7.81	PP
12/13/2023	0829	Collect sample **MW-5D** for TAL Metals.								
MW-5R										
12/12/2023	1429	80.83	17.09	0	16.66	6.46	2.08	13.6	7.17	B
12/12/2023	1439	NM	NM	5.5	14.99	7.05	1.96	22.4	6.55	B
12/12/2023	1459	NM	NM	11	14.48	7.26	1.99	25.6	7.17	B
12/12/2023	1509	NM	NM	16.5	14.12	7.27	1.98	15.4	2.58	B
12/12/2023	1518	NM	NM	22	13.67	6.82	2.88	9.8	2.42	B
12/12/2023	1526	NM	NM	27.5	13.34	6.82	2.89	17.1	2.74	B
12/12/2023	1539	NM	NM	33	13.88	6.82	2.85	6.3	2.37	B
12/12/2023	1541	Collect sample **MW-5R** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
December 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-7S										
12/13/2023	0834	17.47	4.27	0	12.50	7.35	0.928	25.8	3.92	PP
12/13/2023	0837	NM	NM	1	12.48	7.21	0.938	21.1	3.80	PP
12/13/2023	0840	NM	NM	2	12.27	7.11	0.953	17.3	3.70	PP
12/13/2023	0844	NM	NM	3	12.31	7.09	0.985	6.5	3.01	PP
12/13/2023	0848	NM	NM	4	12.24	7.07	1.07	8.9	2.79	PP
12/13/2023	0853	NM	NM	5	12.44	7.03	1.08	2.0	2.54	PP
12/13/2023	0854	Collect sample **MW-7S** for TAL Metals.								
MW-8S										
12/13/2023	1408	27.98	8.23	0	10.11	7.35	1.17	7.0	3.94	PP
12/13/2023	1412	NM	NM	1	10.94	7.25	1.09	7.6	3.86	PP
12/13/2023	1416	NM	NM	2	11.19	7.22	1.09	6.5	3.93	PP
12/13/2023	1421	NM	NM	3	11.53	7.19	1.08	5.2	4.08	PP
12/13/2023	1425	NM	NM	4	11.21	7.14	1.08	17.3	3.84	PP
12/13/2023	1430	NM	NM	5	11.07	7.13	1.08	22.1	3.11	PP
12/13/2023	1431	Collect sample **MW-8S** for TAL Metals.								
MW-8D										
12/13/2023	1440	41.04	22.13	0	10.20	7.52	1.26	55	3.71	B
12/13/2023	1444	NM	NM	1.0	10.91	7.58	1.28	185	2.30	B
12/13/2023	1447	NM	NM	2.0	10.52	7.66	1.31	716	4.51	B
12/13/2023	1450	NM	NM	3.0	10.38	7.71	1.37	891	4.91	B
12/13/2023	1452	NM	NM	4.0	10.21	7.77	1.42	1000	5.95	B
12/13/2023	1453	Bailed well dry.								
12/14/2023	0849	NM	NM	0	11.87	7.67	1.49	42.1	10.11	B
12/14/2023	0849	Collect sample **MW-8D** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
December 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-8R										
12/13/2023	1502	78.67	17.78	0	10.21	10.28	2.55	290	2.27	B
12/13/2023	1513	NM	NM	5	10.24	7.80	3.37	193.0	7.71	B
12/13/2023	1524	NM	NM	10.5	10.55	7.45	3.46	98.2	2.40	B
12/13/2023	1533	NM	NM	15.5	10.51	7.21	3.51	8.3	2.16	B
12/13/2023	1544	NM	NM	21.0	10.50	7.20	3.52	58.2	2.07	B
12/13/2023	1553	NM	NM	26.5	10.49	7.19	3.53	52.1	2.09	B
12/13/2023	1605	NM	NM	32	10.47	7.17	3.55	39.7	2.05	B
12/13/2023	1606	Collect sample **MW-8R** for TAL Metals.								

Notes:

BOW = Bottom of Well, feet below top of PVC well riser pipe.
DTW = Depth to Water, feet below top of PVC well riser pipe.
Cum. Vol. = Cumulative volume purged from well.
B =Dedicated Bailer.
PP =Peristaltic Pump.
EM =Equipment Malfunction.
NM =Not Measured
NA =Not Applicable
* Turbidity measured/recorded **after** sample collection using bailer; turbidity of sample aliquot may be significantly lower than that measured/recorded.

TABLE 4
Outfall 003 Monitoring Results for 2023
Goulds Pumps, Inc.

Parameter	SPDES Permit Limit	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
Temperature (Fahrenheit)	90	42	39	37	45	49	55	67	63	65	60	47	44
Flow Rate (gpd) - Maximum	Monitor	3,000,926	1,231,220	33,661,617	8,981,970	1,066,498	723,013	2,235,383	1,488,480	1,306,638	239,864	94,551	3,595,815
Flow Rate (gpd) - Average	Monitor	240,195	88,608	241,164	217,195	72,170	28,905	64,395	48,916	39,391	25,164	57,013	173,263
pH (SU)	6.5 - 8.5	6.7	7.0	8.3	7.3	7.7	7.2	8.3	7.2	8.3	8.4	8.3	8.3
Total Suspended Solids (mg/l)	50	8.9	8.4	5.8	4.4	3.2	4.2	9.8	14	11	3.2	**36**[b]	7.1
Settleable Solids (ml/l)	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	**<0.1**	<0.1
Oil and Grease (mg/l)	15	<4.0	<4.0	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4.0
Total Iron (mg/l)	2.5	1.91	1.21	1.01	0.855	0.558	0.55	0.905	0.992	0.668	0.418	**3.76**[a]	0.265
Total Chlorine (mg/l)	0.5	NODI9	NODI9	NODI9	NODI9	NODI9	NODI9	NODI9	NODI9	NODI9	NODI9	NODI9	NODI9
Manganese (Semi-Annual)	1.5	NA	NA	0.015	NA	NA	NA	NA	NA	0.371	NA	NA	NA

Notes:
NM - Not measured
NA - Not applicable. This parameter was not monitored during the specified month.
NODI9 - No discharge of this parameter during the monitoring period. Goulds stopped testing for this parameter because the facility no longer uses ENTEC 367.
a - Exceeds permit limit.
b - Exceeds permit limit for daily average

ATTACHMENT

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: December 12, 2023

Weather Conditions: Partly Cloudy
Temperature: 35º F
Wind Direction: S

On-site Personnel: A. Gibson

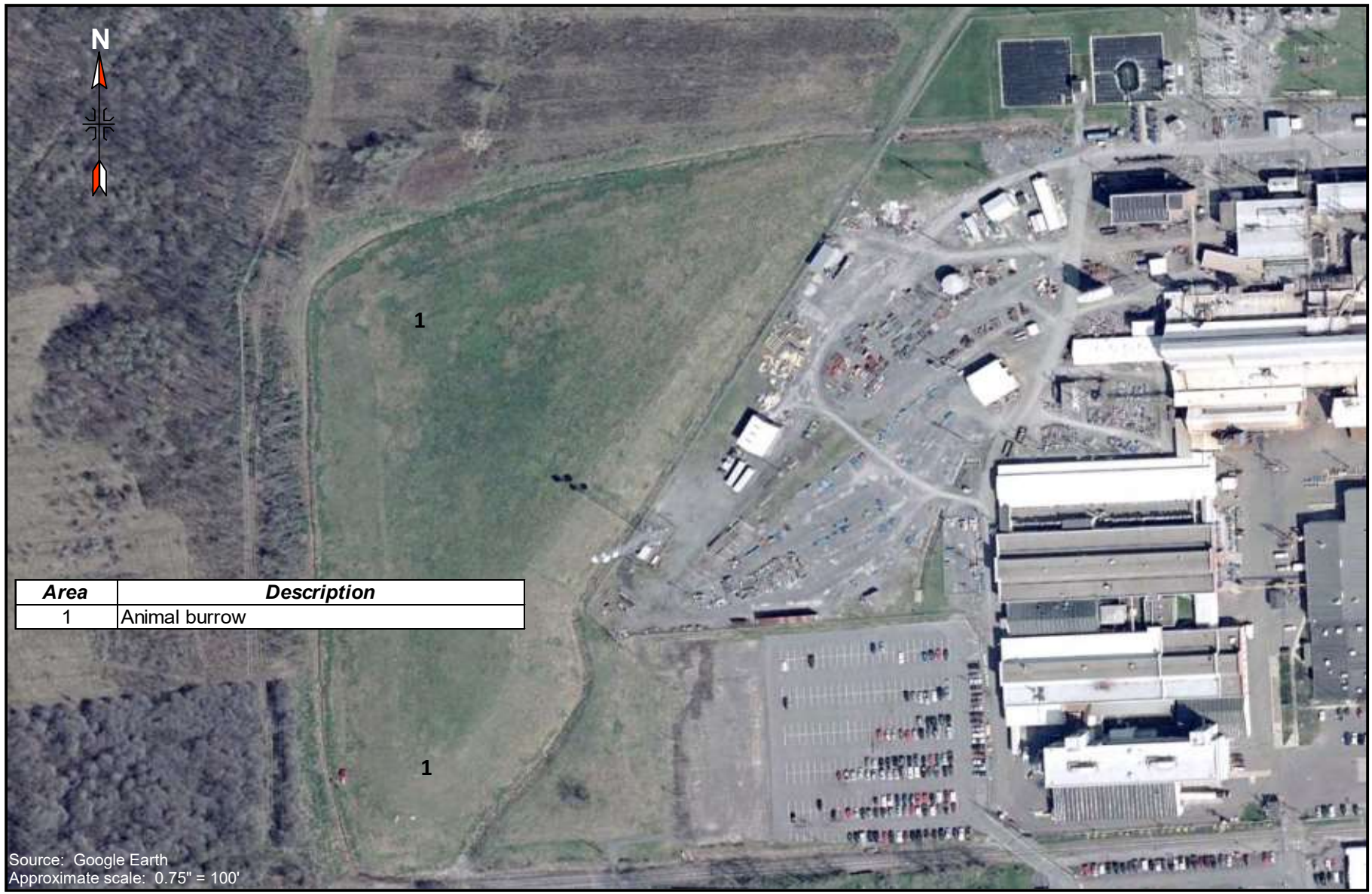
Inspection Checklist - Site Features

Landfill Component	Acceptable	Not Acceptable	Comments
Cap System:			
General condition [1]	X		
Vegetative cover [2]	X		Grass on top of landfill getting tall
Surface Water Drainage System:			
General condition of swales [3]	X		
Vegetative cover [2]	X		
Culvert beneath railroad tracks [4]	X		Clear of debris
Access Roadway:			
General condition	X		
Access control gate	X		
General condition	X		
Operation/lock/chain	X		
Culvert [4]	X		Lock and chain as well as gate to landfill open on day of visit.
Access Control Fencing and Gate:			
General condition/alignment	X		Fence is in good condition.
Operation/lock/chain	X		
Adjacent Areas:			
General condition [1]	X		
Vegetative cover [2]	X		
Surface drainage [3]	X		Surface drainage appears satisfactory

Notes:

(1) Note areas of erosion, settlement, leachate breakthrough, and animal burrowing. Show on site sketch.
(2) Note bare areas and areas of unwanted intrusive vegetation. Show on site sketch.
(3) Note areas of ponding, erosion, sedimentation, and discoloration. Show on site sketch.
(4) Note damage, ponding, and erosion. Sketch if necessary.

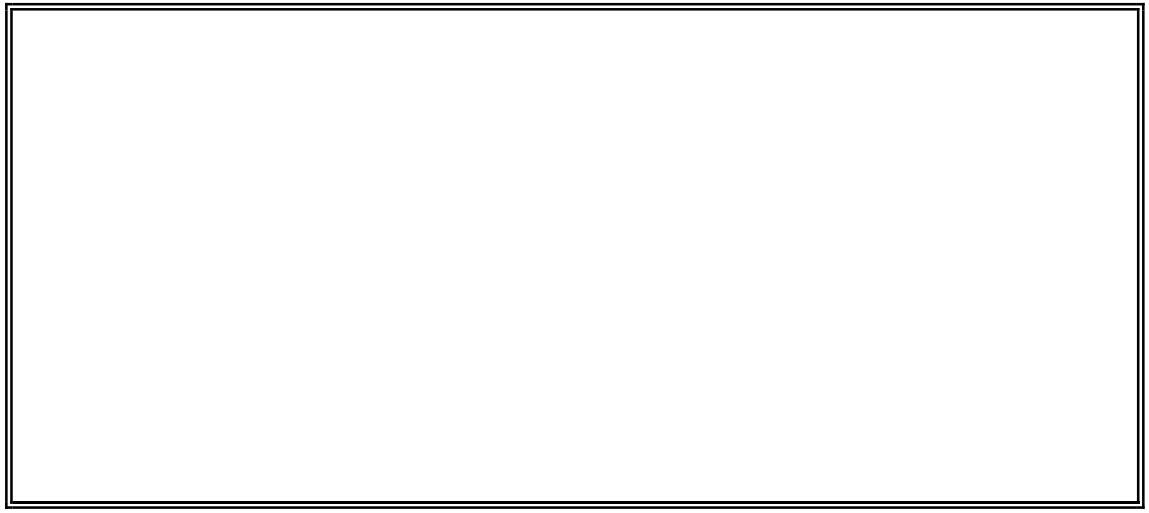
Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: December 12, 2023

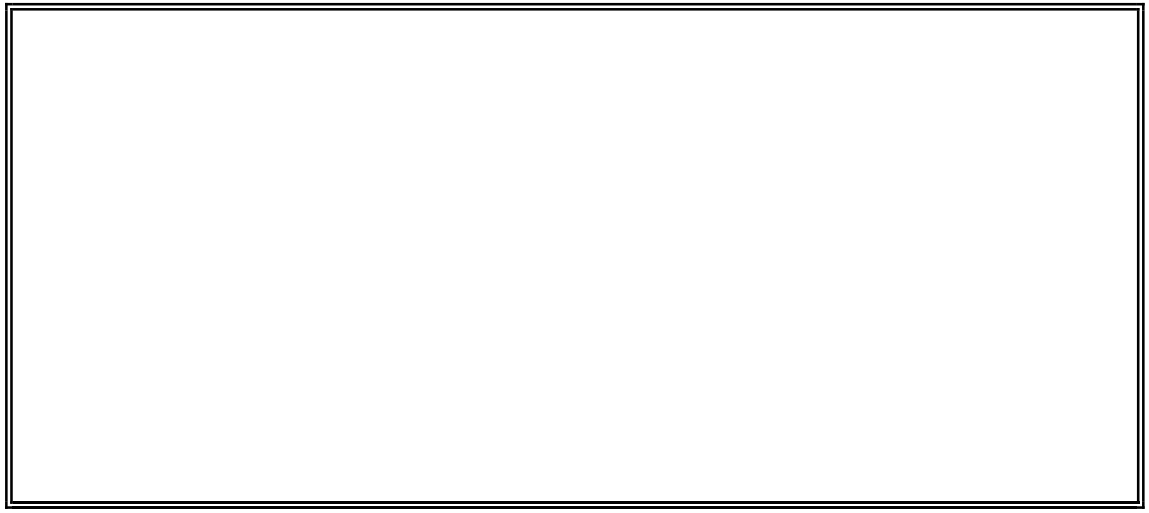


Area	Description
1	Animal burrow

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: December 12, 2023

Additional Sketches and Comments





Comments: None.

Comments: None.

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: December 12, 2023

Inspection Checklist - Monitoring Features

Monitoring Wells: S	MW-1S	MW-2S	MW-2D	MW-2R	MW-4S	MW-4D	MW-5S	MW-5D	MW-5R	MW-7S(*)	MW-8S	MW-8D	MW-8R
General condition/alignment (1)	A	A	A	A	A	A	A	A	A	A	A	A	A
Lock/Cap (1)	A	A	A	A	A	A	A	A	A	A	A	A	A
Depth to water (ft)	3.12	3.90	5.43	25.58	3.62	10.55	4.44	6.33	17.09	4.27	8.23	22.13	17.78
Time reading taken	1151	1124	1122	1120	1209	1211	1413	1415	1416	1402	1338	1341	1336
Piezometers:	P-1	P-2	P-4(3)	P-5(3)	P-6	P-7	P-8	P-9	P-10	P-11	P-12	P-13	
General condition/alignment (1)	A	A	-	-	A	A	A	A	A	A	A	A(5)	
Lock/Cap (1)	A(4,5)	A	-	-	A	A	A	A	A	A	A	A	
Condition of boot/strapping (1)	A	A	-	-	A	A	A	A	A	A	A	A	
Depth to water (ft)	13.68	DRY	-	-	7.77	DRY	DRY	DRY	30.03	DRY	DRY	4.68	
Time reading taken	1202	1204	-	-	1340	1233	1343	1345	1206	1225	1227	1231	
Leachate Collection Manhole:	MH												
General condition (1)	A												
Cover (1)	A												
Condition of boot/strapping (1)	A												
Depth to water (ft)	15.93												
Time reading taken	1139												
Gas Vents:	GV-1	GV-2	GV-3	GV-4	GV-5	GV-6	GV-7	GV-8	GV-9	GV-10	GV-11		
General condition/alignment (1)	A	A	A	A	A	A	A	A	A	A	A		
Condition of boot/strapping (1)	A	A	A	A	A	A	A	A	A	A	A		
Time	1345	1346	1348	1349	1351	1352	1353	1355	1356	1357	1359		

Note (1): Respond to question as either Acceptable (A) or Not Acceptable (NA) for each respective location.

(2): Frost heave has elevated concrete collar. Not a sampling point so acceptable.

(3): P-4 and P-5 were decommissioned.

(4): Cap hinge broken

(5): PVC procasing damaged, needs repair

(*): In locked fence area

APPENDIX A

Institutional and Engineering Controls Certification Form

Enclosure 1
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 850002

Site Name Gould Pumps, Inc., Engineered products Division

Site Address: 240 FALL STREET Zip Code: 13148
City/Town: Seneca Falls
County:Seneca
Site Acreage: 10.7

Reporting Period: December 31, 2022 to December 31, 2023

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☑

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below?	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☑	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 850002 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
09-1-04.11	Gould Pumps Administration Inc.	Ground Water Use Restriction Landuse Restriction Monitoring Plan O&M Plan Site Management Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control	
09-1-04.11	Cover System	Surface Drainage System
	Fencing/Access Control	Landfill Gas Collection System
	Leachate Collection	Groundwater Monitoring Network
	Subsurface Barriers	

Control Description for Site No. 850002

Parcel: 09-1-04.11

Surface water at the Site is controlled by a perimeter drainage swale. There are 2 separate swales located outside the limits of the landfill cap - eastern and western. The swales drain to the southern end of the cap and discharge into a culvert which ultimately discharges to the Seneca Canal. This discharge location is known as Outfall 003 and is monitored under the conditions of a SPDES permit.

A landfill cap was installed at the site. The geomembrane cap extends over the entire closed landfill and is anchored into the existing clays to cutoff the entry of shallow groundwater and prevent the percolation of rain water or snow melt into the closed landfill. Seven piezometers are used to monitor the water levels in the landfill, and a groundwater monitoring network consisting of 13 monitoring wells is used to monitor groundwater water within and adjacent to the Site. A 4 foot diameter concrete manhole with a perforated base section that extends through the landfill to the underlying native till is located in the southern end of the landfill. The manhole is used to monitor water levels in the waste. If sufficient leachate is collected the leachate is required to pumped out and disposed at a permitted treatment/disposal facility. Since operation, signficant amounts of leachate has not accumulated in the manhole, and no removal of leachate has been required.

A 6 inch gas collection layer was placed as a component of the cap system to convey any waste derived gases (methane) to one of the 11 site gas vents. Since monitoring began at the Site, no methane or explosive gases have been detected at any of the landfill gas monitoring locations.

The site access is controlled by the perimeter swale and the gated access roadway. Access to the facility is control by chain link fencing and gates. No trespassing signs are posted at the site and 24 hr per day video surveillance equipment is used by security staff to monitor the site.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
✔	

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
✔	

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 850002

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jeff Stanek (print name) at 56 Technology Drive, Irvine CA 92618 (print business address),

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

5/6/24
Date

IC/EC CERTIFICATIONS

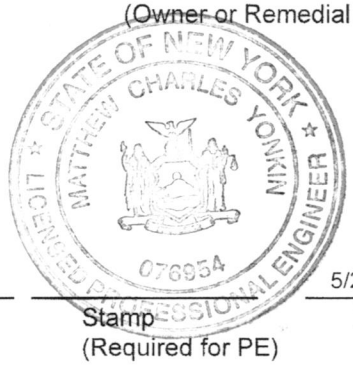
Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Matthew Yonkin (print name) at 210 Fuller Rd, Suite 210 Albany, NY 12203 (print business address),

am certifying as a Professional Engineer for the Remedial Party (Owner or Remedial Party)



Matthew C Yonkin

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

5/2/2024

Date

APPENDIX B

Quarterly Reports

Arcadis of New York, Inc.
201 Fuller Road
Suite 201
Albany
New York 12203
Tel 518 250 7300
www.arcadis.com

Ms. Charlotte Theobald
New York State Department of Environmental Conservation – Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Water

Subject: Second Quarter 2023 Post-Closure Monitoring and Maintenance Event
Goulds Pumps, Inc.
Site No. 850002 – Class 3 Closed Landfill
Seneca Falls, NY 13148

Date:
May 2, 2024

Contact:
Elias J. Moskal

Phone:
518.250.7333

Our ref:
01257117.2023

Dear Ms. Theobald:

On April 3, April 4, and April 5, 2023, Arcadis personnel conducted the second quarter (2Q) 2023 Quarterly, Post-Closure Monitoring and Maintenance Event for the closed landfill adjacent to the ITT Goulds Pumps, Inc. (Goulds Pumps) facility located at 240 Fall Street, Seneca Falls, NY.

The New York State Department of Environmental Conservation (NYSDEC) approved Post-Closure Monitoring and Maintenance Plan (PCMMP) calls for the closed landfill to be inspected on a quarterly basis, as well as following significant storm events greater than 3.2 inches of rainfall in a 24-hour period. Additionally, groundwater sampling is to occur semi-annually. In 2010, the NYSDEC approved a modification request to eliminate the first quarter PCMMP monitoring and maintenance events. Beginning in 2011, PCMMP monitoring and maintenance events have been conducted in second, third and fourth quarters only.

The second quarter 2023 inspection checklists completed during the monitoring and maintenance event are included in Attachment 1. The closed landfill continues to function as designed. The results of the 2Q 2023 monitoring and maintenance event are summarized in this letter report.

CAP SYSTEM

The cap system on the closed landfill is in good condition and continues to function as designed. The on-cap vegetation is well established, well maintained and consistent with historical observations, no standing water was observed. In accordance with the PCMMP, the cap, perimeter drainage swales, and adjacent areas are regularly mowed to promote an appropriate vegetative growth across the cap system, and limit the growth of unwanted vegetation. The observed grass height on the closed landfill cap during this event was acceptable. Goulds regularly mows the grass to maintain a consistent grass height.

SURFACE WATER DRAINAGE

The site drainage system was inspected for areas of erosion, ponding, sedimentation and excessive vegetative growth during the 2Q 2023 monitoring and maintenance event. No areas of concern were observed during the 2Q 2023 inspection event, and the overall drainage system is acceptable and continues to perform as designed. The rock check dams placed within the perimeter drainage swales reduce the potential for erosion during periods of higher flow at the site. These check dams are maintained regularly by adding rock when needed to remain effective. An acceptable amount of water was observed in the swales with no significant erosion, ponding or sedimentation observed. Vegetation in the drainage swale is cut regularly to reduce the likelihood of woody growth. Goulds typically mows the perimeter drainage swales during the third quarter, after the first seasonal frost. There was no indication of sedimentation, ponding, damage, or debris at the culvert beneath the railroad during the 2Q 2023 monitoring and maintenance event.

ACCESS ROADWAY, GATES, AND FENCING

The access roadway was inspected for indications of erosion, ponding, or damage to the culverts beneath the roadway. At the time of the inspection, no indications of erosion, ponding or damage to these culverts were observed. The gates and fencing are also in good condition and provide access control in accordance with the PCMMP. A lock and chain across the access roadway adjacent to Black Brook Road prevents unauthorized vehicular access from the road. A locked gate provides a secondary control to prevent unauthorized vehicular access to the landfill. The facility and the landfill are also under 24-hour video surveillance.

ADJACENT AREAS

Adjacent areas are inspected during monitoring and maintenance events. During the 2Q 2023 monitoring and maintenance event, the adjacent areas were in satisfactory condition with suitable access to off-cap monitoring wells. Access to off-cap monitoring wells (MW-1S, MW-2S, MW-2D, MW-2R, MW-4S and MW-4D) in the vegetated areas north and west of the closed landfill is facilitated by regularly brush-hogged laneways. Vegetative cover is well established, and drainage appears satisfactory.

MONITORING WELLS AND PIEZOMETERS

The site monitoring wells are in acceptable condition and are easily located, along with the piezometers. The protective casing at P-1 is out of alignment, however, this is not affecting groundwater level monitoring at this location. Piezometer P-1 has been approved by the NYSDEC for abandonment.

Access to the off-cap area adjacent to the MW-2 and MW-4 clusters as well as MW-1S is provided by routinely brush-hogged laneways. These areas will likely be in need of additional brush-hogging during the 2024 monitoring year. The monitoring well clusters are immediately north and northwest of the closed landfill.

WATER LEVELS AND HYDRAULIC GRADIENTS

Water levels were measured at monitoring wells and piezometers and the leachate collection manhole located at the southern end of the landfill. Water level measurements are shown in Table 1 and are generally consistent with historical values at the site. Potentiometric contour maps were generated for both the shallow (Figure 1) and bedrock (Figure 2) groundwater monitoring wells. As shown in Figure 1, shallow groundwater in the vicinity of the landfill generally flows south-southwest. A similar groundwater flow pattern is exhibited in Figure 2, which was contoured using groundwater elevations from 3 monitoring wells (MW-2R, MW-5R, and MW-8R) completed in bedrock adjacent to the landfill. The groundwater flow direction in the bedrock zone of the landfill is generally southwest.

GROUNDWATER MONITORING WELL AND LEACHATE MANHOLE SAMPLING

During the 2Q inspection event, groundwater levels were measured and converted into elevations and are included in Table 1. The NYSDEC-approved PCMMP requires 13 groundwater monitoring wells (MW-1S, MW-2S, MW-2D, MW-2R, MW-4S, MW-4D, MW-5S, MW-5D, MW-5R, MW-7S, MW-8S, MW-8D, and MW-8R) and the leachate collection manhole to be sampled twice per year and analyzed for Target Analyte List (TAL) metals. Generally, these groundwater sampling events occur in the second and fourth quarters of each calendar year.

Groundwater samples were submitted under routine chain-of-custody protocols to Alpha Analytical, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) Contract Laboratory Protocol (CLP) certified laboratory in Westborough, MA for analysis. The laboratory report and chains of custody are in Attachment 2. The TAL Metals analytical data from the 2Q 2023 sampling event as well as historical sampling events are summarized in Table 2. Field parameters are measured at each monitoring well during groundwater sampling and are shown in Table 3.

Consistent with historical groundwater sampling of wells at the site, metal analytes in groundwater samples exceeding NYSDEC Class GA groundwater standards include iron, manganese and sodium. Exceedances in NYSDEC Class GA groundwater standards observed during the 2Q 2023 event were within the range of historical values at each of the sampling locations with the exception of sodium (29,400 µg/l) and manganese (864 µg/l) concentrations at MW-7S, sodium concentrations at MW-8D (164,000 µg/l), and iron (9,370 µg/l) and manganese (268 µg/l) at MW-8R which are the highest concentrations of these analytes measured at these locations to date.

In the leachate collection manhole sample, iron, lead, manganese, and sodium were detected above Class GA groundwater standards; however, the results were within the range of historical values at this location.

If you have any questions or comments regarding the monitoring event results, please do not hesitate to call Jeff Stanek at (949) 562-7401.

Very truly yours,

Arcadis of New York, Inc.

Matthew Yonkin, PE, BCEE, CEM
Vice President

I certify that I have reviewed the Second Quarter 2023 Post-Closure Inspection and Monitoring Event dated May 2, 2024, and that the document meets the requirements of the *Post Closure Monitoring and Maintenance Plan* (PCMMP) dated December 1997 and approved by the NYSDEC on December 29, 1997. This report also conforms to applicable state, federal, and local regulations, generally accepted practices in the environmental profession and Arcadis standards.

List of Figures:
Figure 1 – Site Plan and Shallow Zone Potentiometric Map, Second Quarter 2023
Figure 2 – Site Plan and Rock Zone Potentiometric Map, Second Quarter 2023

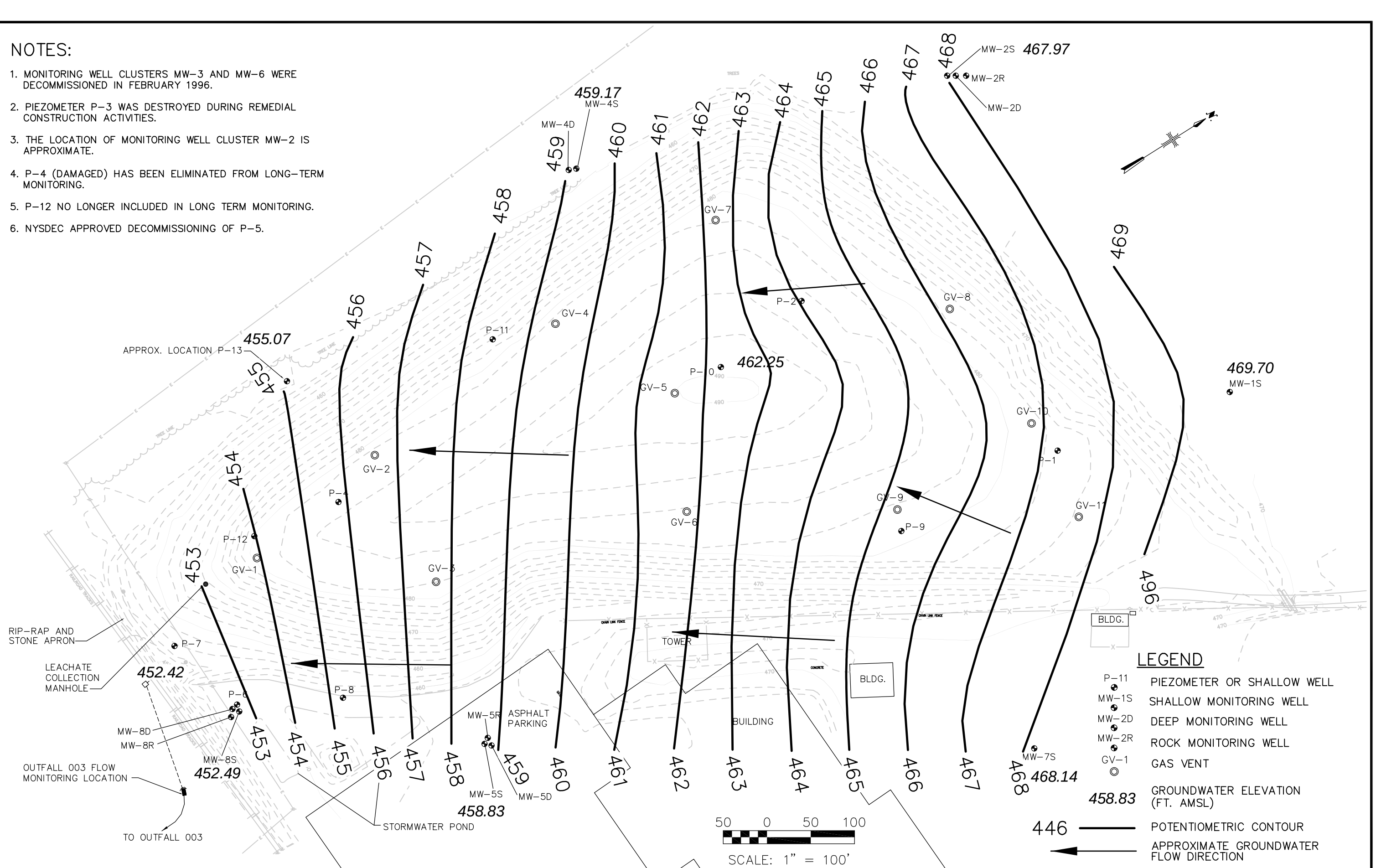
List of Tables:
Table 1 – Post-Closure Groundwater Monitoring – Summary of Groundwater Levels
Table 2 – Analytical Summary of Post-Closure Groundwater Monitoring
Table 3 – Post-Closure Groundwater Monitoring Purge Logs

List of Attachments:
Attachment 1 – Second Quarter 2023 Inspection Forms
Attachment 2 – Summary Data Package – Alpha Analytical

cc:
Jeff Stanek - ITT

NOTES:

1. MONITORING WELL CLUSTERS MW-3 AND MW-6 WERE DECOMMISSIONED IN FEBRUARY 1996.
2. PIEZOMETER P-3 WAS DESTROYED DURING REMEDIAL CONSTRUCTION ACTIVITIES.
3. THE LOCATION OF MONITORING WELL CLUSTER MW-2 IS APPROXIMATE.
4. P-4 (DAMAGED) HAS BEEN ELIMINATED FROM LONG-TERM MONITORING.
5. P-12 NO LONGER INCLUDED IN LONG TERM MONITORING.
6. NYSDEC APPROVED DECOMMISSIONING OF P-5.



LEGEND

P-11	PIEZOMETER OR SHALLOW WELL
MW-1S	SHALLOW MONITORING WELL
MW-2D	DEEP MONITORING WELL
MW-2R	ROCK MONITORING WELL
GV-1	GAS VENT
458.83	GROUNDWATER ELEVATION (FT. AMSL)
446	POTENTIOMETRIC CONTOUR
	APPROXIMATE GROUNDWATER FLOW DIRECTION

ARCADIS

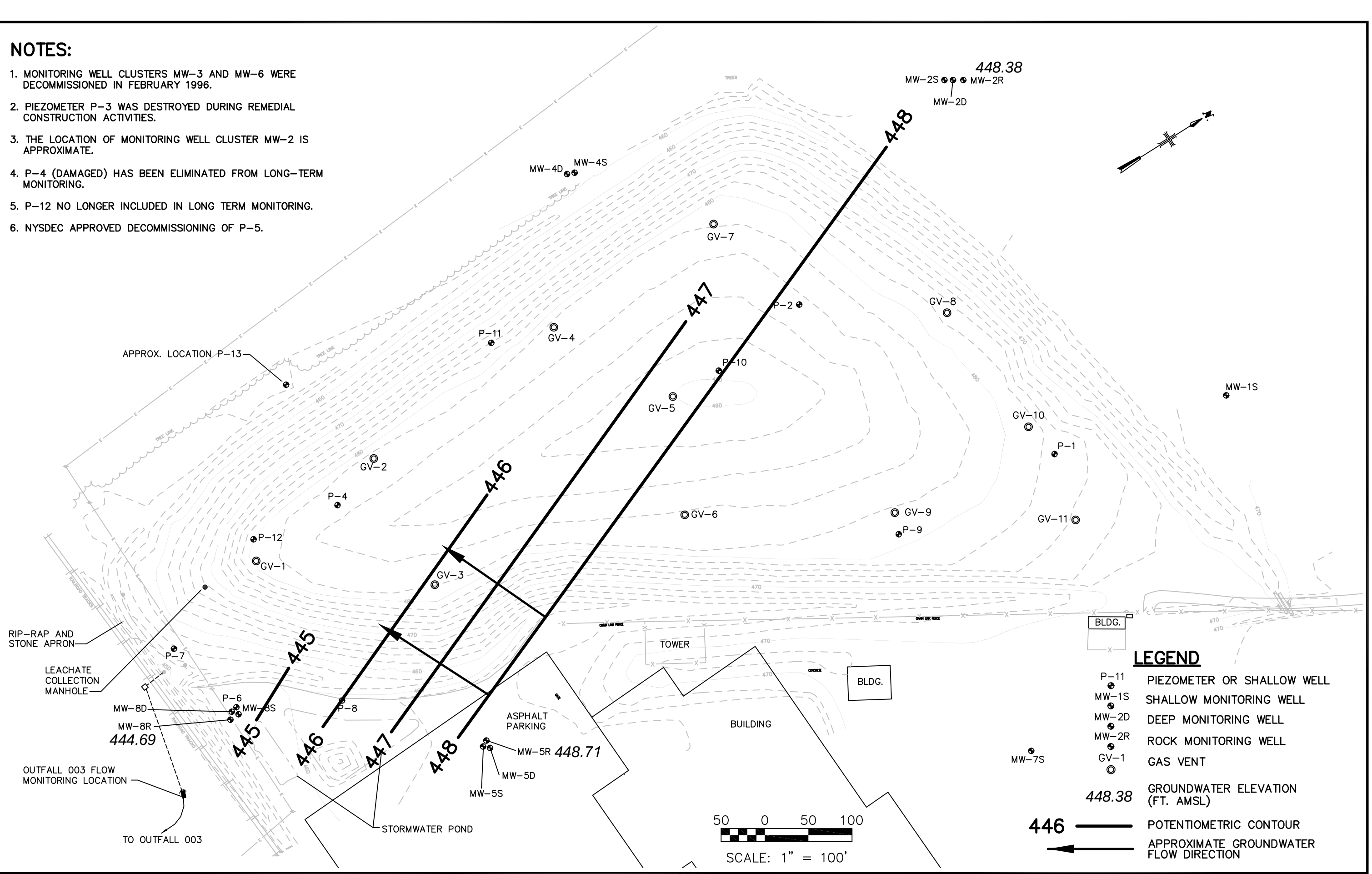
FORMER GOULDS LANDFILL
SENECA FALLS, NEW YORK

SITE PLAN AND SHALLOW ZONE POTENTIOMETRIC MAP
SECOND QUARTER 2023
SCALE: AS SHOWN

APRIL 2023
FIGURE 1

NOTES:

1. MONITORING WELL CLUSTERS MW-3 AND MW-6 WERE DECOMMISSIONED IN FEBRUARY 1996.
2. PIEZOMETER P-3 WAS DESTROYED DURING REMEDIAL CONSTRUCTION ACTIVITIES.
3. THE LOCATION OF MONITORING WELL CLUSTER MW-2 IS APPROXIMATE.
4. P-4 (DAMAGED) HAS BEEN ELIMINATED FROM LONG-TERM MONITORING.
5. P-12 NO LONGER INCLUDED IN LONG TERM MONITORING.
6. NYSDEC APPROVED DECOMMISSIONING OF P-5.



LEGEND

P-11	PIEZOMETER OR SHALLOW WELL
MW-1S	SHALLOW MONITORING WELL
MW-2D	DEEP MONITORING WELL
MW-2R	ROCK MONITORING WELL
GV-1	GAS VENT
448.38	GROUNDWATER ELEVATION (FT. AMSL)
446	POTENTIOMETRIC CONTOUR
	APPROXIMATE GROUNDWATER FLOW DIRECTION

ARCADIS

FORMER GOULDS LANDFILL
SENECA FALLS, NEW YORK

SITE PLAN AND ROCK ZONE POTENTIOMETRIC MAP
SECOND QUARTER 2023
SCALE: AS SHOWN

APRIL 2023

FIGURE 2

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	MW-1S		MW-2S		MW-2D		MW-2R		MW-4S		MW-4D	
Protective Casing Elevation	472.77		471.51		471.68		471.38		462.76		462.26	
Measuring Point Elevation	472.45		471.37		471.34		471.06		462.61		462.11	
Ground Elevation	470.21		468.87		468.94		469.35		460.03		459.85	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	2.92	469.53	3.33	468.04	3.11	468.23	23.70	447.36	3.65	458.96	8.17	453.94
Second Quarter '09	3.56	468.89	4.33	467.04	4.16	467.18	23.44	447.62	3.92	458.69	8.13	453.98
Third Quarter '09	6.87	465.58	7.01	464.36	6.72	464.62	24.62	446.44	5.52	457.09	9.48	452.63
Fourth Quarter '09	3.13	469.32	4.04	467.33	3.82	467.52	25.38	445.68	3.74	458.87	9.28	452.83
First Quarter '10	3.29	469.16	4.17	467.20	3.95	467.39	24.33	446.73	3.96	458.65	8.79	453.32
Second Quarter '10	2.86	469.59	3.14	468.23	2.90	468.44	23.26	447.80	3.48	459.13	8.04	454.07
Third Quarter '10	9.18	463.27	8.53	462.84	8.26	463.08	25.23	445.83	6.11	456.50	10.26	451.85
Fourth Quarter '10	2.99	469.46	3.64	467.73	3.43	467.91	23.63	447.43	3.63	458.98	8.07	454.04
Second Quarter '11	6.27	466.18	6.79	464.58	6.51	464.83	22.75	448.31	5.44	457.17	8.88	453.23
Third Quarter '11	8.91	463.54	7.31	464.06	6.95	464.39	24.89	446.17	5.52	457.09	9.96	452.15
Fourth Quarter '11	3.05	469.40	3.81	467.56	3.61	467.73	23.63	447.43	3.88	458.73	8.28	453.83
Second Quarter '12	6.21	466.24	6.45	464.92	6.17	465.17	23.73	447.33	5.19	457.42	8.92	453.19
Third Quarter '12	12.96	459.49	11.48	459.89	11.19	460.15	26.25	444.81	6.85	455.76	13.30	448.81
Fourth Quarter '12	12.12	460.33	8.41	462.96	5.43	465.91	26.89	444.17	4.30	458.31	10.70	451.41
Second Quarter '13	4.35	468.10	4.79	466.58	4.49	466.85	24.17	446.89	4.65	457.96	8.41	453.70
Third Quarter '13	5.61	466.84	5.63	465.74	5.35	465.99	23.77	447.29	5.34	457.27	9.08	453.03
Fourth Quarter '13	3.65	468.80	3.99	467.38	3.79	467.55	24.62	446.44	4.34	458.27	8.95	453.16
Second Quarter '14	4.18	468.27	4.81	466.56	4.79	466.55	23.25	447.81	4.73	457.88	8.75	453.36
Third Quarter '14	6.71	465.74	5.89	465.48	5.57	465.77	23.83	447.23	5.63	456.98	9.34	452.77
Fourth Quarter '14	3.09	469.36	3.43	467.94	3.19	468.15	24.69	446.37	3.66	458.95	8.94	453.17
Second Quarter '15	4.73	467.72	5.20	466.17	4.93	466.41	23.30	447.76	4.82	457.79	8.24	453.87
Third Quarter '15	7.57	464.88	7.49	463.88	7.19	464.15	23.36	447.70	6.30	456.31	9.83	452.28
Fourth Quarter '15	3.30	469.15	4.65	466.72	4.40	466.94	24.33	446.73	3.97	458.64	8.73	453.38
Second Quarter '16	3.22	469.23	4.00	467.37	7.22	464.12	23.45	447.61	3.76	458.85	8.23	453.88
Third Quarter '16	13.97	458.48	11.96	459.41	11.65	459.69	26.84	444.22	6.82	455.79	11.63	450.48
Fourth Quarter '16	3.05	469.40	4.12	467.25	4.27	467.07	25.25	445.81	3.72	458.89	9.01	453.10
Second Quarter '17	2.55	469.90	2.86	468.51	2.67	468.67	22.47	448.59	3.30	459.31	7.63	454.48
Third Quarter '17	7.25	465.20	6.20	465.17	5.91	465.43	23.39	447.67	5.60	457.01	9.14	452.97
Fourth Quarter '17	3.18	469.27	3.83	467.54	7.08	464.26	23.92	447.14	3.91	458.70	10.20	451.91
Second Quarter '18	2.88	469.57	3.08	468.29	4.47	466.87	23.40	447.66	3.58	459.03	10.41	451.70
Third Quarter '18	8.42	464.03	6.31	465.06	6.00	465.34	25.42	445.64	5.52	457.09	9.93	452.18
Fourth Quarter '18	3.04	469.41	3.30	468.07	4.61	466.73	23.58	447.48	3.78	458.83	10.94	451.17
Second Quarter '19	2.78	469.67	2.85	468.52	2.64	468.70	22.37	448.69	3.30	459.31	7.74	454.37
Third Quarter '19	9.64	462.81	7.60	463.77	7.42	463.92	24.37	446.69	6.44	456.17	9.97	452.14
Fourth Quarter '19	2.94	469.51	3.50	467.87	4.82	466.52	23.92	447.14	3.46	459.15	10.06	452.05
Second Quarter '20	2.83	469.62	2.96	468.41	4.30	467.04	22.95	448.11	3.23	459.38	9.19	452.92
Third Quarter '20	12.61	459.84	10.41	460.96	10.17	461.17	25.66	445.40	7.31	455.30	11.23	450.88
Fourth Quarter '20	13.81	458.64	9.50	461.87	10.61	460.73	26.34	444.72	6.17	456.44	12.60	449.51
Second Quarter '21	2.90	469.55	3.56	467.81	4.86	466.48	24.31	446.75	3.72	458.89	9.02	453.09
Third Quarter '21	4.24	468.21	5.59	465.78	5.38	465.96	24.03	447.03	4.33	458.28	9.01	453.10
Fourth Quarter '21	2.88	469.57	3.13	468.24	4.49	466.85	22.36	448.70	3.52	459.09	9.12	452.99
Second Quarter '22	2.84	469.61	3.01	468.36	4.48	466.86	21.54	449.52	3.50	459.11	9.24	452.87
Third Quarter '23	11.70	460.75	9.13	462.24	8.82	462.52	24.81	446.25	5.85	456.76	10.21	451.90
Fourth Quarter '22	7.28	465.17	5.68	465.69	7.28	464.06	25.67	445.39	3.85	458.76	10.86	451.25
Second Quarter '23	2.75	469.70	3.40	467.97	5.48	465.86	22.68	448.38	3.44	459.17	9.60	452.51
Change Since Previous Event	4.53		2.28		1.80		2.99		0.41		1.26	

NM - Not Measured

DRY - Well or piezometer was dry

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	MW-5S		MW-5D		MW-5R		MW-7S		MW-8S		MW-8D		MW-8R	
Protective Casing Elevation	466.12		466.07		465.08		472.03		460.90		460.98		460.01	
Measuring Point Elevation	465.94		465.92		464.74		471.89		460.85		460.87		459.88	
Ground Elevation	463.54		463.55		463.46		470.98		458.44		458.42		458.20	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	5.82	460.12	11.86	454.06	18.37	446.37	4.68	467.21	7.78	453.07	19.07	441.80	15.52	444.36
Second Quarter '09	6.42	459.52	11.86	454.06	18.09	446.65	5.34	466.55	8.23	452.62	18.88	441.99	15.34	444.54
Third Quarter '09	6.45	459.49	12.34	453.58	19.03	445.71	NM	NM	8.51	452.34	16.46	444.41	16.14	443.74
Fourth Quarter '09	6.03	459.91	12.44	453.48	19.99	444.75	4.06	467.83	8.17	452.68	19.97	440.90	17.05	442.83
First Quarter '10	6.29	459.65	12.78	453.14	19.02	445.72	4.52	467.37	8.10	452.75	19.47	441.40	16.12	443.76
Second Quarter '10	6.05	459.89	11.67	454.25	17.87	446.87	3.71	468.18	7.93	452.92	18.70	442.17	15.07	444.81
Third Quarter '10	6.74	459.20	12.77	453.15	19.46	445.28	2.27	469.62	9.18	451.67	23.40	437.47	16.34	443.54
Fourth Quarter '10	5.58	460.36	11.79	454.13	18.22	446.52	3.44	468.45	7.84	453.01	18.78	442.09	15.23	444.65
Second Quarter '11	6.60	459.34	12.01	453.91	17.41	447.33	3.93	467.96	8.41	452.44	18.44	442.43	14.59	445.29
Third Quarter '11	6.12	459.82	12.52	453.40	19.34	445.40	3.74	468.15	8.74	452.11	19.63	441.24	16.22	443.66
Fourth Quarter '11	6.10	459.84	11.97	453.95	18.22	446.52	3.92	467.97	7.89	452.96	18.73	442.14	15.27	444.61
Second Quarter '12	6.91	459.03	12.39	453.53	18.08	446.66	3.77	468.12	8.53	452.32	18.65	442.22	15.26	444.62
Third Quarter '12	9.25	456.69	14.38	451.54	27.90	436.84	4.87	467.02	10.95	449.90	24.41	436.46	17.66	442.22
Fourth Quarter '12	6.39	459.55	13.33	452.59	21.38	443.36	4.00	467.89	9.21	451.64	24.43	436.44	18.20	441.68
Second Quarter '13	6.39	459.55	12.36	453.56	18.76	445.98	3.86	468.03	8.44	452.41	19.05	441.82	15.74	444.14
Third Quarter '13	3.73	459.25	9.80	453.06	17.70	445.44	4.13	467.76	8.41	452.44	18.93	441.94	15.19	444.69
Fourth Quarter '13	NM	----	NM	----	NM	----	4.53	467.36	7.46	453.39	19.32	441.55	16.23	443.65
Second Quarter '14	4.30	458.68	9.00	453.86	14.91	448.23	4.21	467.68	8.62	452.23	18.81	442.06	15.11	444.77
Third Quarter '14	4.86	458.12	9.39	453.47	15.43	447.71	4.51	467.38	8.83	452.02	19.31	441.56	15.56	444.32
Fourth Quarter '14	4.99	457.99	9.75	453.11	16.32	446.82	4.40	467.49	8.84	452.01	19.62	441.25	16.39	443.49
Second Quarter '15	4.81	458.17	9.56	453.30	15.13	448.01	4.52	467.37	9.00	451.85	18.78	442.09	15.15	444.73
Third Quarter '15	4.53	458.45	9.57	453.29	15.31	447.83	4.59	467.30	9.14	451.71	18.89	441.98	15.15	444.73
Fourth Quarter '15	5.02	457.96	9.53	453.33	16.00	447.14	4.51	467.38	8.81	452.04	19.30	441.57	16.02	443.86
Second Quarter '16	4.96	458.02	9.85	453.01	15.29	447.85	4.40	467.49	8.90	451.95	18.90	441.97	17.00	442.88
Third Quarter '16	5.15	457.83	10.52	452.34	18.49	444.65	4.48	467.41	9.62	451.23	21.33	439.54	18.33	441.55
Fourth Quarter '16	4.56	458.42	10.01	452.85	17.10	446.04	4.04	467.85	8.42	452.43	19.68	441.19	16.59	443.29
Second Quarter '17	4.32	458.66	9.45	453.41	14.35	448.79	2.90	468.99	8.30	452.55	18.24	442.63	14.32	445.56
Third Quarter '17	5.01	457.97	9.36	453.50	15.13	448.01	4.64	467.25	9.13	451.72	18.79	442.08	15.11	444.77
Fourth Quarter '17	5.22	457.76	9.59	453.27	15.42	447.72	4.59	467.30	8.75	452.10	22.41	438.46	15.50	444.38
Second Quarter '18	4.79	458.19	9.25	453.61	14.80	448.34	4.23	467.66	8.59	452.26	21.32	439.55	16.68	443.20
Third Quarter '18	5.05	457.93	9.89	452.97	17.08	446.06	4.38	467.51	9.01	451.84	19.92	440.95	16.88	443.00
Fourth Quarter '18	4.74	458.24	9.24	453.62	15.51	447.63	4.25	467.64	9.01	451.84	20.48	440.39	15.82	444.06
Second Quarter '19	4.38	458.60	8.66	454.20	14.28	448.86	4.20	467.69	8.60	452.25	18.20	442.67	14.28	445.60
Third Quarter '19	5.29	457.69	9.59	453.27	15.87	447.27	4.81	467.08	9.30	451.55	19.52	441.35	15.91	443.97
Fourth Quarter '19	4.51	458.47	11.56	451.30	16.04	447.10	4.10	467.79	8.56	452.29	21.23	439.64	15.58	444.30
Second Quarter '20	4.11	458.87	9.84	453.02	14.94	448.20	3.86	468.03	8.49	452.36	20.64	440.23	14.84	445.04
Third Quarter '20	5.31	457.67	10.06	452.80	17.10	446.04	4.86	467.03	9.58	451.27	20.26	440.61	17.04	442.84
Fourth Quarter '20	5.16	457.82	10.11	452.75	17.79	445.35	4.70	467.19	9.03	451.82	22.28	438.59	18.57	441.31
Second Quarter '21	4.53	458.45	9.64	453.22	16.10	447.04	4.26	467.63	8.61	452.24	20.20	440.67	16.42	443.46
Third Quarter '21	4.90	458.08	9.51	453.35	15.61	447.53	4.17	467.72	8.71	452.14	19.76	441.11	15.75	444.13
Fourth Quarter '21	4.55	458.43	8.82	454.04	13.82	449.32	4.60	467.29	8.74	452.11	19.66	441.21	17.24	442.64
Second Quarter '22	4.54	458.44	8.64	454.22	13.54	449.60	4.04	467.85	8.56	452.29	19.35	441.52	14.27	445.61
Third Quarter '23	5.09	457.89	6.86	456.12	16.49	446.37	NM	---	9.17	451.68	19.77	441.10	16.45	443.43
Fourth Quarter '22	4.74	458.24	8.55	454.31	16.99	446.15	4.40	467.49	8.77	452.08	22.91	437.96	17.80	442.08
Second Quarter '23	4.15	458.83	8.60	454.26	14.43	448.71	3.75	468.14	8.36	452.49	19.93	440.94	15.19	444.69
Change Since Previous Event	0.59		(0.05)		2.56		0.65		0.41		2.98		2.61	

NM - Not Measured

DRY - Well or piezometer was dry

8/21/2013 Measuring Point Elevation for MW-5S= 462.98

8/21/2013 Measuring Point Elevation for MW-5D= 462.86

8/21/2013 Measuring Point Elevation for MW-5R= 463.14

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	P-1		P-2		P-4		P-5		P-6		P-7	
Protective Casing Elevation	480.44		487.76		485.85		467.50		460.71		460.47	
Measuring Point Elevation	480.24		487.75		485.79		467.37		460.57		460.32	
Ground Elevation	477.63		484.67		483.55		465.56		458.58		456.53	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	13.72	466.52	DRY	----	----	----	4.66	462.71	7.28	453.29	7.91	452.41
Second Quarter '09	14.06	466.18	DRY	----	----	----	6.68	460.69	7.48	453.09	8.11	452.21
Third Quarter '09	16.67	463.57	DRY	----	----	----	5.58	461.79	7.67	452.90	8.51	451.81
Fourth Quarter '09	15.18	465.06	DRY	----	----	----	4.53	462.84	7.46	453.11	8.10	452.22
First Quarter '10	----	----	DRY	----	----	----	5.77	461.60	7.41	453.16	8.08	452.24
Second Quarter '10	13.97	466.27	DRY	----	----	----	4.76	462.61	7.33	453.24	7.97	452.35
Third Quarter '10	14.81	465.43	DRY	----	----	----	5.56	461.81	8.07	452.50	8.55	451.77
Fourth Quarter '10	14.12	466.12	DRY	----	----	----	4.56	462.81	7.26	453.31	7.75	452.57
Second Quarter '11	14.19	466.05	DRY	----	----	----	6.14	461.23	7.55	453.02	8.08	452.24
Third Quarter '11	14.73	465.51	DRY	----	----	----	5.08	462.29	7.61	452.96	8.12	452.20
Fourth Quarter '11	13.71	466.53	DRY	----	----	----	5.48	461.89	7.31	453.26	7.90	452.42
Second Quarter '12	14.12	466.12	26.35	461.40	----	----	6.47	460.90	7.62	452.95	8.22	452.10
Third Quarter '12	14.69	465.55	DRY	----	----	----	7.36	460.01	9.49	451.08	9.03	451.29
Fourth Quarter '12	15.07	465.17	DRY	----	----	----	6.31	461.06	8.02	452.55	8.33	451.99
Second Quarter '13	14.21	466.03	DRY	----	----	----	6.32	461.05	7.64	452.93	8.26	452.06
Third Quarter '13	13.98	466.26	26.38	461.37	----	----	----	----	7.65	452.92	8.16	452.16
Fourth Quarter '13	14.12	466.12	DRY	----	----	----	----	----	7.14	453.43	8.13	452.19
Second Quarter '14	14.12	466.12	DRY	----	----	----	----	----	8.10	452.47	7.99	452.33
Third Quarter '14	14.2	466.04	DRY	----	----	----	----	----	8.43	452.14	8.08	452.24
Fourth Quarter '14	14.24	466.00	DRY	----	----	----	----	----	8.46	452.11	8.04	452.28
Second Quarter '15	14.14	466.10	DRY	----	----	----	----	----	8.35	452.22	8.25	452.07
Third Quarter '15	14.18	466.06	DRY	----	----	----	----	----	8.55	452.02	7.98	452.34
Fourth Quarter '15	14.06	466.18	DRY	----	----	----	----	----	7.99	452.58	8.11	452.21
Second Quarter '16	14.19	466.05	DRY	----	----	----	----	----	8.20	452.37	7.89	452.43
Third Quarter '16	15.34	464.90	DRY	----	----	----	----	----	DRY	----	9.38	450.94
Fourth Quarter '16	14.79	465.45	DRY	----	----	----	----	----	7.63	452.94	8.00	452.32
Second Quarter '17	13.45	466.79	DRY	----	----	----	----	----	7.55	453.02	7.64	452.68
Third Quarter '17	14.26	465.98	DRY	----	----	----	----	----	8.56	452.01	8.22	452.10
Fourth Quarter '17	13.94	466.30	DRY	----	----	----	----	----	8.01	452.56	8.09	452.23
Second Quarter '18	13.7	466.54	DRY	----	----	----	----	----	7.96	452.61	7.88	452.44
Third Quarter '18	14.78	465.46	DRY	----	----	----	----	----	8.66	451.91	8.43	451.89
Fourth Quarter '18	13.84	466.40	DRY	----	----	----	----	----	7.77	452.80	8.05	452.27
Second Quarter '19	13.91	466.33	DRY	----	----	----	----	----	8.05	452.52	8.02	452.30
Third Quarter '19	14.67	465.57	DRY	----	----	----	----	----	8.59	451.98	8.85	451.47
Fourth Quarter '19	13.92	466.32	DRY	----	----	----	----	----	8.11	452.46	7.73	452.59
Second Quarter '20	13.60	466.64	DRY	----	----	----	----	----	8.02	452.55	7.73	452.59
Third Quarter '20	15.14	465.10	DRY	----	----	----	----	----	9.07	451.50	9.34	450.98
Fourth Quarter '20	15.44	464.80	DRY	----	----	----	----	----	9.19	451.38	8.89	451.43
Second Quarter '21	DRY	----	DRY	----	----	----	----	----	DRY	----	8.56	451.76
Third Quarter '21	14.07	466.17	DRY	----	----	----	----	----	8.21	452.36	8.37	451.95
Fourth Quarter '21	13.91	466.33	DRY	----	----	----	----	----	8.11	452.46	8.15	452.17
Second Quarter '22	13.68	466.56	DRY	----	----	----	----	----	8.02	452.55	8.12	452.20
Third Quarter '23	14.84	465.40	DRY	----	----	----	----	----	8.88	451.69	8.76	451.56
Fourth Quarter '22	13.88	466.36	DRY	----	----	----	----	----	8.20	452.37	8.36	451.96
Second Quarter '23	NM	----	DRY	----	----	----	----	----	7.84	452.73	7.90	452.42
Change Since Previous Event	----		--		ECOMMISSIONED IN 200		COMMISSIONED IN 20		0.36		0.46	

NM - Not Measured

DRY - Well or piezometer was dry

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	P-8		P-9		P-10		P-11		P-13		MH	
Protective Casing Elevation	463.66		483.83		491.90		479.71		---		470.00	
Measuring Point Elevation	463.53		483.81		491.89		479.66		459.40		469.25	
Ground Elevation	461.45		481.29		489.40		476.47		455.99		----	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	7.20	454.25	DRY	----	29.02	462.87	DRY	----	4.64	454.76	16.12	453.13
Second Quarter '09	7.79	453.66	DRY	----	29.08	462.81	DRY	----	4.71	454.69	16.26	452.99
Third Quarter '09	DRY	----	DRY	----	29.82	462.07	DRY	----	6.49	452.91	16.32	452.93
Fourth Quarter '09	DRY	----	DRY	----	DRY	----	NM	----	4.21	455.19	16.14	453.11
First Quarter '10	NM	----	DRY	----	29.61	462.28	DRY	----	5.49	453.91	16.20	453.05
Second Quarter '10	7.38	456.15	DRY	----	29.73	462.16	DRY	----	4.54	454.86	15.98	453.27
Third Quarter '10	DRY	----	DRY	----	DRY	----	DRY	----	7.03	452.37	16.28	452.97
Fourth Quarter '10	7.13	456.40	DRY	----	29.78	462.11	DRY	----	4.39	455.01	15.83	453.42
Second Quarter '11	DRY	----	DRY	----	29.37	462.52	DRY	----	6.31	453.09	15.71	453.54
Third Quarter '11	DRY	----	DRY	----	29.70	462.19	DRY	----	6.78	452.62	15.82	453.43
Fourth Quarter '11	7.33	----	DRY	----	DRY	----	DRY	----	4.80	454.60	16.08	453.17
Second Quarter '12	DRY	----	18.24	465.57	DRY	----	DRY	----	6.44	452.96	17.29	451.96
Third Quarter '12	DRY	----	DRY	----	DRY	----	DRY	----	8.30	451.10	15.91	453.34
Fourth Quarter '12	DRY	----	DRY	----	DRY	----	DRY	----	4.92	454.48	15.98	453.27
Second Quarter '13	DRY	----	DRY	----	29.59	462.30	DRY	----	5.87	453.53	15.91	453.34
Third Quarter '13	DRY	----	DRY	----	29.86	462.03	DRY	----	6.14	453.26	15.93	453.32
Fourth Quarter '13	7.68	455.85	DRY	----	DRY	----	DRY	----	5.55	453.85	16.06	453.19
Second Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	6.26	453.14	16.09	453.16
Third Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	6.44	452.96	15.97	453.28
Fourth Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	4.67	454.73	15.99	453.26
Second Quarter '15	DRY	----	DRY	----	29.74	462.15	DRY	----	5.95	453.45	16.06	453.19
Third Quarter '15	DRY	----	DRY	----	30.03	461.86	DRY	----	7.00	452.40	15.93	453.32
Fourth Quarter '15	DRY	----	DRY	----	DRY	----	DRY	----	5.23	454.17	16.11	453.14
Second Quarter '16	DRY	----	DRY	----	29.51	462.38	22.44	457.22	5.08	454.32	15.92	453.33
Third Quarter '16	DRY	----	DRY	----	DRY	----	DRY	----	DRY	----	15.90	453.35
Fourth Quarter '16	DRY	----	DRY	----	DRY	----	DRY	----	4.05	455.35	15.95	453.30
Second Quarter '17	7.50	456.03	DRY	----	29.10	462.79	DRY	----	3.93	455.47	15.97	453.28
Third Quarter '17	DRY	----	DRY	----	29.90	461.99	DRY	----	6.50	452.90	15.99	453.26
Fourth Quarter '17	DRY	----	DRY	----	29.91	461.98	DRY	----	3.78	455.62	15.97	453.28
Second Quarter '18	DRY	----	DRY	----	29.34	462.55	DRY	----	3.65	455.75	15.83	453.42
Third Quarter '18	DRY	----	DRY	----	DRY	----	DRY	----	6.51	452.89	16.03	453.22
Fourth Quarter '18	DRY	----	DRY	----	29.65	462.24	DRY	----	4.54	454.86	15.98	453.27
Second Quarter '19	DRY	----	DRY	----	29.25	462.64	NM	----	3.98	455.42	15.93	453.32
Third Quarter '19	DRY	----	DRY	----	30.04	461.85	DRY	----	7.21	452.19	15.99	453.26
Fourth Quarter '19	DRY	----	DRY	----	29.73	462.16	DRY	----	3.99	455.41	15.90	453.35
Second Quarter '20	DRY	----	DRY	----	DRY	----	DRY	----	3.88	455.52	15.70	453.55
Third Quarter '20	DRY	----	DRY	----	DRY	----	DRY	----	8.15	451.25	15.83	453.42
Fourth Quarter '20	DRY	----	DRY	----	30.05	461.84	DRY	----	7.28	452.12	15.99	453.26
Second Quarter '21	DRY	----	DRY	----	29.71	462.18	DRY	----	7.80	451.60	16.17	453.08
Third Quarter '21	DRY	----	DRY	----	DRY	----	DRY	----	4.86	454.54	16.15	453.10
Fourth Quarter '21	DRY	----	DRY	----	30.16	461.73	DRY	----	4.36	455.04	----	----
Second Quarter '22	DRY	----	DRY	----	30.22	461.67	DRY	----	4.26	455.14	15.46	453.79
Third Quarter '23	DRY	----	DRY	----	DRY	----	DRY	----	7.24	452.16	16.16	453.09
Fourth Quarter '22	DRY	----	DRY	----	30.06	461.83	DRY	----	5.93	453.47	16.10	453.15
Second Quarter '23	DRY	----	DRY	----	29.64	462.25	DRY	----	4.33	455.07	15.41	453.84
Change Since Previous Event	--		--		0.42		--		1.60		0.69	

NM - Not Measured

DRY - Well or piezometer was dry

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S
Sample Date	Class GA	CRDL [1]	6/21/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	50 J	41 J
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	34 J	38 J	38 J	36 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	1.2 J
Calcium		5000	66000	66000	64000	62000	69000	69000	77000	72000	72000	72000	80000	72000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8 J	10 U	7.5 J	7.2 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.6 J
Copper	200	25	10 U	10 U	13	10 U	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**300**	**300**	**370**	130	52	260	180	230	150	210	**670**	**650**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	100000	100000	98000	100000	100000	110000	120000	110000	110000	110000	130000	110000
Manganese	300 [3]	15	**200**	**200**	**210**	22	10 U	46	78	20	220	28	**160**	**91**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.9 J
Potassium		5000	6400	6400	5100	5300	5500	4900	5100	4800 JH	5300	4700	5500	5900
Selenium	10	5	10 U	10 U	10 U	***25**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**28000**	**28000**	**22000**	**49000**	**30000**	**25000**	**27000**	**25000**	**26000**	**25000**	**26000**	**25000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	12 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	5.1 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S
Sample Date	Class GA	CRDL [1]	6/6/2013	10/30/2013	6/19/2014	12/3/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/5/2017	12/5/2017	4/25/2018	12/12/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	40 J	100 U	100 U	100 U	30 J	44 J	100 U	100 U	100 U	197
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	27 J	50 U	50 U	50 U	50 U	50 U	8 J
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	2 J	5 U	10 U	3 J	5 U	5 U
Barium	1000	200	34 J	34 J	32	29	31	26	31	35	32	37	29	39
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	72000	70000	69000	65000	65000 J	59000 J	69000	62600	64100	68300	63500	63900
Chromium	50	10	4.4 J	4.3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	6 J	2 J	10 U	10 U	10 U	4 J	3 J	2 J	3 J	3 J
Iron	300 [3]	100	220	**340**	**520**	**620**	**630**	**750**	**660**	**400**	44 J	**363**	40 J	**335**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	120000	110000	110000	99000	110000 J	95000	110000	111000	106000	114000	104000	107000
Manganese	300 [3]	15	83	72	**170**	**117**	**86**	**62**	**127**	38	7 J	51	17	32
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	4900	5500	5000	3900	4400	3900	4000	4300	4070	5160	3800	4160
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**27000**	**26000**	**28000**	**25000**	**25000**	**24000**	**26000**	**25200**	**25400**	**29300**	**25800**	**25700**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	20 U	50 U	50 U	50 U	50 U	50 U	4 J	4 J	5 U	50 U	2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S	MW-1S
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/1/2020	11/24/2020	3/23/2021	12/14/2021	4/13/2022	12/7/2022	4/4/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	100 U	100 U	100 U	100 U	80 J	100 U	100 U	311	37.9 J
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	7 J	50 U	50 U	50 U
Arsenic	25	10	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U	5 U
Barium	1000	200	34	33	30	29	35	36	34	35.7	35.6
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	65100	65700	62500	71300	67100	63500	64900	65000	66300
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	4 J	2 J	10 U	10 U	3 J	10 U	3 J	2.5 J	3 J
Iron	300 [3]	100	64	16 J	31 J	**597**	117	240	34 J	**453**	50.4
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	115000	102000	106000	108000	113000	104000	115000	106000	115000
Manganese	300 [3]	15	13	7 J	9 J	**154**	11	25	19	19.6	10.8
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	3850	4000	3590	4580	3730	4240	3850	4140	3840
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.7 J	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**27600**	**24800**	**23900**	**26000**	**25700**	**25900**	**25500**	**27500**	**25700**
Thallium	0.5 [2]	10	20 U	3 J	20 U	3 J	4 J	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	50 U	50 U	50 U	14 J	12 J	2.8 J	2.2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S
Sample Date	Class GA		6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/14/2009	4/8/2010	12/15/2010	6/29/2011	12/12/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	41 J	100 U
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	37 J	43 J	40 J	41 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	10 U
Calcium		5000	51000	54000	52000	54000	55000	57000	59000	58000	58000	60000	68000	60000
Chromium	50	10	10 U	10 U	10 U	18	10 U	10 U	10 U	10 U	8.8 J	10 U	7.8 J	4.9 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	50 U	50 U	64	**350**	25	130	140	50 U	33 J	94	72	69
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	95000	94000	93000	100000	96000	100000	110000	100000	110000	110000	120000	110000
Manganese	300 [3]	15	10 U	24	10 U	73	10 U	10 U	10 U	10 U	1.6 J	6.9 J	18	10
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.43	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.2 J
Potassium		5000	3600	7900	2600	4800	2700	3000	2600	3200	3300	6900	3800	7
Selenium	10	5	10 U	10 U	10 U	***36**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**34000**	**36000**	**27000**	**35000**	**37000**	**32000**	**32000**	**30000**	**29000**	**31000**	**33000**	**30000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	5.9 J	4.1 J	6 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S
Sample Date	Class GA		6/6/2013	10/30/2013	6/18/2014	12/3/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/25/2018	12/11/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	30 J	100 U	100 U	100 U	100 U	699	85 J	67 J	100 U	39 J
Antimony	3 [2]	60	10 U	10 U	**19 J**	50 U	50 U	**36 J**	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	5 U	2 J	5 U	3 J	5 U	5 U
Barium	1000	200	39 J	44 J	35	37	35	39	41	47	60	85	71	77
Beryllium	3 [2]	5	0.36 J	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	60000	56000	50000	53000	53000	48000	58000	36400	41600	51700	54800	55800
Chromium	50	10	4.7 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	4 J	2 J	10 J	3 J	3 J	8 J	3 J	4 J	3 J	3 J
Iron	300 [3]	100	29 J	63	60	40	40 J	100	50 U	**591**	64	99	24 J	110
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	3 J	10 U	10 U
Magnesium	35000 [2]	5000	110000	100000	96000	95000	100000	85000	110000	47400	56300	85600	94700	99000
Manganese	300 [3]	15	10 U	5.9 J	3 J	2 J	10 U	53	3 J	18	11	14	6 J	12
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2600	2600	1800 J	3300	2300 J	3900 J	2000 J	1880 J	1710 J	3190 J	1960 J	2250 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**33000**	**33000**	**32000**	**32000**	**30000**	**29000**	**32000**	14500	18800	**30700**	**31400**	**32600**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	4.9 J	50 U	50 U	50 U	50 U	50 U	4 J	50 U	3 J	50 U	3 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S	MW-2S
Sample Date	Class GA		4/16/2019	12/12/2019	3/31/2020	11/23/2020	3/23/2021	12/14/2021	4/13/2022	12/7/2022	4/4/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	100 U	100 U	100 U	124	104	100 U	100 U	381	42.4 J
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	7 J	50 U	50 U	50 U
Arsenic	25	10	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	74	66	58	61	53	64	55	47.5	55.5
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	55400	58800	58300	57100	53800	54900	58400	48100	57200
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	4 J	10 U	10 U	3 J	10 U	10 U	3 J	4.5 J	10 U
Iron	300 [3]	100	36 J	45 J	116	179	111	81	62	**352**	40.1 J
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	105000	97100	108000	98700	87200	94600	110000	81200	107000
Manganese	300 [3]	15	3 J	5 J	12	20	3 J	5 J	5 J	7.4 J	1.7 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.1 J	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2060 J	2300 J	2260 J	2020 J	1870 J	3030	2070 J	2120 J	1890 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**34100**	**31600**	**32800**	**31700**	**31400**	**32800**	**32500**	**29400**	**31800**
Thallium	0.5 [2]	10	20 U	3 J	20 U	2 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	7 J	50 U	50 U	14 J	11 J	7.7 J	50 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
Sample Date	Class GA		6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	410	300	440	330	250	390	430	560	530	260	220
Antimony	3 [2]	60	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	34 J	34 J	38 J	34 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	1.2 J
Calcium		5000	70000	73000	67000	70000	150000	72000	77000	74000	73000	73000	83000	70000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10	10 U	7.6 J	7.4 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	8.4 J
Copper	200	25	10 U	10 U	11	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	140	**700**	**1200**	**1700**	290	**550**	**490**	**650**	**510**	**450**	**520**	**550**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	120000	110000	110000	120000	310000	120000	120000	120000	120000	120000	140000	120000
Manganese	300 [3]	15	52	**170**	**160**	**170**	66	**120**	**90**	**130**	**61**	**140**	**120**	**140**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U	3 J	3.4 J	4 J	5.7 J
Potassium		5000	7600	6500	7100	6900	18000	4500	4900	4500	6900	4600	6000	6100
Selenium	10	5	10 U	10 U	10 U	***35**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**57000**	**53000**	**40000**	**84000**	**120000**	**46000**	**49000**	**45000**	**48000**	**45000**	**48000**	**39000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	12 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U
Zinc	2000	20	10 U	10 U	32	29	17	20 U	20 U	20 U	8.9 J	12 J	26	39
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
Sample Date	Class GA Standard		6/6/2013	10/30/2013	6/19/2014	12/3/2014	5/29/2015	11/10/2015	5/12/2016	12/7/2016	4/6/2017	12/6/2017	4/25/2018	12/11/2018
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	180	89	40 J	100 U	80 J	100 U	70 J	34 J	441	84 J	199	71 J
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	12 J	50	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	2 J	5 U	5 U	5 U	3 J	5 U
Barium	1000	200	35 J	32 J	25	34	33	27	31	35	42	51	48	34
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	71000	75000	64000	69000	66000	63000	60000	62300	64700	60800	66600	65500
Chromium	50	10	5.1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	2 J	3 J	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U
Iron	300 [3]	100	270	**790**	230	240	**570**	210	**470**	**417**	**1140**	**366**	**1000**	**494**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 J	10 U	10 U
Magnesium	35000 [2]	5000	120000	130000	110000	110000	120000	100000	110000	117000	111000	113000	115000	115000
Manganese	300 [3]	15	48	**120**	97	107	**104**	95	**85**	**87**	**166**	105	**90**	**83**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	2.4 J	2 J	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	5100	6400	7100	4200	5000	3800	3900	3900	4040	7360	7450	4790
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**44000**	**49000**	**47000**	**44000**	**45000**	**46000**	**44000**	**43900**	**46100**	**45900**	**50000**	**45900**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	2 J	50 U	50 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	5.9 J	5.1 J	50 U	50 U	50 U	50 U	50 U	3 J	4 J	50 U	4 J	3 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D	MW-2D
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/2/2020	11/24/2020	3/23/2021	12/14/2021	4/14/2022	12/7/2022	4/5/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	47 J	77 J	50 J	135	78 J	144	181	44.3 J	108
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	4 J	3 J	5 U	5 U	2 J	5 U	5 U	5 U	5 U
Barium	1000	200	33	35	30	32	34	37	40	27.8	39
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	64200	66700	63000	64000	65300	65200	67400	68200	64600
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	2 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	282	278	241	**968**	273	**823**	**418**	203	**370**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	120000	104000	111000	109000	114000	112000	122000	117000	117000
Manganese	300 [3]	15	79	83	85	**106**	101	**94**	78	80.9	102
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.16 J	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	2 J	25 U	25 U
Potassium		5000	8310	4440	5400	4470	3870	4060	7390	4780	4620
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**50400**	**42800**	**43400**	**39800**	**42000**	**44400**	**46000**	**40200**	**42800**
Thallium	0.5 [2]	10	20 U	4 J	50 U	50 U	4 J	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	4 J	11 J	2 J	6 J	12 J	18 J	2.2 J	4.7 J
Purge Method			B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R
Sample Date	Class GA		6/21/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/29/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	680	310	5100	750	610	950	100 U	470	1100	160	460
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**33**	12	10 U	10 U	14	16	19	15	15	9.2 J	18
Barium	1000	200	200 U	530	200 U	200 U	200 U	100 U	100 U	100 U	20 J	24 J	73 J	22 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.2 J	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Calcium		5000	210000	240000	210000	270000	230000	230000	260000	250000	250000	260000	270000	240000
Chromium	50	10	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U	6.7 J	10 U	5.4 J	5.8 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	26	10 U	10 U	10 U	10 U	10 U	10 U	5.2 J	10 U
Iron	300 [3]	100	**1800**	**2300**	**1800**	**7800**	**2300**	**2300**	**2700**	**1900**	**2200**	**2700**	**1000**	**2200**
Lead	25	3	10 U	10 U	10 U	24	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	87000	95000	82000	98000	85000	87000	98000	92000	95000	99000	62000	92000
Manganese	300 [3]	15	**47**	**57**	**45**	**190**	**54**	**58**	**61**	**44**	**52**	**60**	**28**	**54**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	21	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.1 J
Potassium		5000	9100	4100	3300	8500	3700	2900	3300	2300	3500	2900	5400	1900
Selenium	10	5	10 U	10 U	10 U	***100**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**54000**	**57000**	**41000**	**47000**	**54000**	**43000**	**49000**	**43000**	**47000**	**45000**	**40000**	**43000**
Thallium	0.5 [2]	10	*10 U	*10 U	**32**	10 U	10 U	20 U	20 U	20 U	20 U	20 U	11 J	20 U
Vanadium		50	10 U	10 U	10 U	10	10	10 U	10 U	10 U	10 U	2.1 J	10 U	10 U
Zinc	2000	20	10 U	13	10 U	120	20	20 U	20 U	20 U	8.2 J	12 J	14 J	11 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R	MW-2R
Sample Date	Class GA	CRDL [1]	6/7/2013	10/30/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/5/2017	12/5/2017	4/25/2018	12/11/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	400	160	80 J	120	40 J	50 J	110	113	616	123	158	148
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	15	13	14	14	12	13	19	15	16	17	16	19
Barium	1000	200	21 J	18 J	15	14	13	12	14	15	38	17	15	15
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	250000	220000	230000	230000	230000	210000	240000	224000	223000	235000	221000	231000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	3 J	3 J	10 U	10 U	10 U	3 J	2 J	2 J	2 J	2 J
Iron	300 [3]	100	**2000**	**1600**	**1700**	**1700**	**1600**	**1600**	**1600**	**1740**	**2280**	**1600**	**1640**	**1900**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	3 J	10 U	3 J
Magnesium	35000 [2]	5000	94000	87000	92000	84000	94000	79000	93000	96400	85100	90800	85000	90700
Manganese	300 [3]	15	**49**	**44**	**43**	**46**	**42**	**40**	**42**	**43**	**55**	**44**	**43**	**48**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	2.8 J	25 U	25 U	25 U
Potassium		5000	3000	2900	2400 J	2200 J	2600	2100	2400	2350 J	2400 J	2980	2340 J	2490 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**47000**	**44000**	**49000**	**44000**	**46000**	**46000**	**47000**	**45800**	**45500**	**51600**	**46700**	**48100**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	7.8 J	6.1 J	8 J	50 U	50 U	50 U	50 U	5 J	8 J	5 J	3 J	5 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID **Sample Date** **Units**	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2R 4/16/2019 ug/L	MW-2R 12/12/2019 ug/L	MW-2R 3/31/2020 ug/L	MW-2R 11/24/2020 ug/L	MW-2R 3/23/2021 ug/L	MW-2R 12/14/2021 ug/L	MW-2R 4/13/2022 ug/L	MW-2R 12/7/2022 ug/L	MW-2R 4/4/2023 ug/L
Analyte											
Aluminum		200	1370	536	100 U	133	152	40 J	125	100 U	52.1 J
Antimony	3 [2]	60	50 U	50 U	20 J	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	20	15	17	15	16	16	18	19.8	16.5
Barium	1000	200	25	20	12	14	22	13	15	10.3	12.3
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	230000	241000	231000	235000	235000	226000	240000	245000	228000
Chromium	50	10	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**3230**	**2190**	**1700**	**1780**	**1810**	**1630**	**1860**	**1670**	**1700**
Lead	25	3	10	4 J	10 U	3 J	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	86700	84300	88700	87700	93200	87600	98300	95700	92700
Manganese	300 [3]	15	**89**	**53**	**40**	**44**	**48**	**39**	**46**	**43.8**	**41.9**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.17 J	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2720	2460 J	2360 J	2320 J	2310 J	2330 J	2600	2390 J	2360 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**49400**	**46400**	**46700**	**46100**	**48900**	**47100**	**49400**	**47200**	**46400**
Thallium	0.5 [2]	10	20 U	3 J	20 U	0.2 J	0.2 J	0.2 U	20 U	20 U	20 U
Vanadium		50	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	11 J	10 J	50 U	5 J	4 J	12 J	13 J	50 U	3.5 J
Purge Method			B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
Sample Date	Class GA Standard	CRDL [1]	6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	29 J	29 J	33 J	29 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.4 J
Calcium		5000	71000	66000	66000	66000	73000	73000	78000	74000	75000	76000	78000	69000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9.1 J	5.8 J	10 U	8.1 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.4 J
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	210	**310**	82	**600**	88	160	50 U	110	270	170	170	64
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	150000	130000	130000	140000	140000	140000	150000	140000	150000	150000	160000	130000
Manganese	300 [3]	15	160	81	130	**54**	57	31	19	32	89	34	130	8 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	6300	5500	4600	5300	4800	4400	4200	4100	5000	4900	4300	5500
Selenium	10	5	10 U	10 U	10 U	***40**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**54000**	**53000**	**39000**	**52000**	**59000**	**49000**	**50000**	**47000**	**50000**	**48000**	**45000**	**46000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	4.7 J	20 U	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
Sample Date	Class GA Standard	CRDL [1]	6/7/2013	10/30/2013	6/18/2014	12/4/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/5/2017	12/5/2017	4/25/2018	12/11/2018
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	400	100 U	30 J	100 U	10 U	100 U	100 U	100 U	55 J	100 U	100 U	100 U
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3 J	5 U	5 U
Barium	1000	200	39 J	27 J	26	23	25	22	26	23	25	26	24	26
Beryllium	3 [2]	5	0.22 J	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	73000	68000	64000	66000	68000	64000	75000	63500	70400	68900	70800	68100
Chromium	50	10	5.4 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	8.7 J	10 U	2 J	2 J	10 U	10 U	2 J	3 J	2 J	10 U	10 U	10 U
Iron	300 [3]	100	**2200**	**390**	180	40 J	40 J	140 J	70	166	83	238	74	**414**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	140000	130000	120000	140000	130000	150000	142000	141000	138000	143000	139000
Manganese	300 [3]	15	**210**	80	98	23	45	60	47	33	19	39	24	43
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	4.5 J	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	7000	4700	3400	3800	3600	3400	3500	3700	3560	4520	3450	3870
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**49000**	**50000**	**47000**	**48000**	**47000**	**49000**	**50000**	**50100**	**50300**	**55300**	**50100**	**51600**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	23	20 U	50 U	50 U	50 U	50 U	50 U	50 U	2 J	5 U	50 U	3 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S	MW-4S
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/2/2020	11/23/2020	3/23/2021	12/14/2021	4/14/2022	12/6/2022	4/3/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	100 U	100 U	120	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	4 J	5 U	2 J	2 J	5 U	5 U	2 J	5 U	5 U
Barium	1000	200	25	24	15	22	24	25	25	21.7	23.4
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	70800	70300	198000	66100	70900	69000	74400	73100	70300
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U
Iron	300 [3]	100	124	174	**309**	**342**	129	133	137	113	75
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	134000	348000	124000	140000	134000	156000	150000	146000
Manganese	300 [3]	15	26	30	59	78	34	26	9 J	39.1	35.2
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 J	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	4 J	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	3630	3710	6330	3690	3540	3800	3700	4030	3470
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**50400**	**49700**	**110000**	**56500**	**54200**	**50700**	**52100**	**57700**	**49200**
Thallium	0.5 [2]	10	20 U	3 J	20 U	20 U	3 J	2 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	12 J	4 J	50 U	11 J	13 J	50 U	3.9 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	850	3000	200	300	110	240	230	180	140 J	920	280 J
Antimony	3 [2]	60	21	10 U	10 U	10 U	24	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	35 J	23 J	33 J	24 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.23 J	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1 J	10 U
Calcium		5000	130000	230000	210000	190000	150000	130000	190000	230000	160000	200000	220000	200000
Chromium	50	10	12	10 U	10 U	32	10 U	10 U	10 U	10 U	14	9.1 J	8.8 J	29 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U
Iron	300 [3]	100	78	**990**	**4200**	290	290	98	290	**3000**	230	280	**810**	**330**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	390000	350000	330000	350000	310000	350000	380000	340000	390000 E	340000	400000	360000
Manganese	300 [3]	15	48	**200**	**210**	110	66	39	59	**16**	80	63	**150**	76
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	16	10 U	11	10	10 U	10 U	10 U	10 U	4.3 J	5.3 J	6.2 J	5.9 J
Potassium		5000	1700	9600	1700	19000	18000	15000	11000	8600	1600	ar	14000	18000
Selenium	10	5	10 U	10 U	10 U	***86**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**160000**	**120000**	**120000**	**130000**	**120000**	**120000**	**130000**	**120000**	**120000**	**120000**	**120000**	**120000**
Thallium	0.5 [2]	10	12	10 U	36	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U
Zinc	2000	20	100	10 U	37	11	17 U	20 U	20 U	24	5.2	7 J	12 J	5.1 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/12/2016	12/7/2016	4/6/2017	12/6/2017	4/25/2018	12/11/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	120	190	700	250	2700	60 J	1500	2470	287	131	302	242
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	2 J	3 J	5 U	3 J	5 U	3 J	2 J	5 U	3 J
Barium	1000	200	24 J	21 J	57	33	61	17	27	36	21	23	19	17
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	180000	180000	170000	160000	200000	180000	210000	219000	208000	148000	192000	207000
Chromium	50	10	10 U	4.7 J	10 U	10 U	10 U	10 U	4 J	5 J	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	3 J	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	6 J	3 J	16	90 J	12	16	4 J	4 J	6 J	3 J
Iron	300 [3]	100	97	200	**1200**	**460**	**3900**	120	**2200**	**3620**	**410**	220	**337**	**378**
Lead	25	3	10 U	10 U	3 J	10 U	5 J	10 U	10 U	5 J	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	320000	340000	280000	270000	340000	300000	340000	409000	374000	296000	333000	375000
Manganese	300 [3]	15	45	60	**55**	**119**	**208**	39	**167**	**197**	**132**	29	80	106
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	4.8 J	4.8 J	5 J	7 J	9 J	5 J	9 J	8 J	5 J	4 J	6 J	5 J
Potassium		5000	12000	19000	7900	8900	9800	7000	8200	6860	6820	6820	7270	6960
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**120000**	**110000**	**110000**	**110000**	**110000**	**110000**	**120000**	**107000**	**109000**	**112000**	**111000**	**113000**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	1 J	10 U	5 J	10 U	3 J	4 J	10 J	10 J	10 U	10 U
Zinc	2000	20	4.4 J	7 J	11 J	9 J	18 J	50 U	11 J	16 J	5 J	4 J	5 J	5 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D	MW-4D
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/2/2020	11/24/2020	3/23/2021	12/14/2021	4/14/2022	12/7/2022	4/4/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	88 J	175	100 U	396	260	263	221	85.4 J	268
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	2 J	5 U	5 U	2 J	3 J	5 U	4 J	5 U	5 U
Barium	1000	200	15	18	24	18	26	23	17	12.3	17.2
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	207000	195000	74500	211000	216000	202000	218000	164000	148000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	3 J	10 U	5 J	10 U	10 U	3 J	3.3 J	3.5 J
Iron	300 [3]	100	223	229	112	**637**	**473**	**554**	**467**	197	**389**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	355000	316000	154000	356000	369000	340000	422000	293000	313000
Manganese	300 [3]	15	131	70	31	**111**	**83**	**80**	**108**	17.1	38.6
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.21	0.2 U	0.09 J
Nickel	100	40	4 J	3 J	10 U	5 J	4 J	4 J	5 J	3.7 J	7.3 J
Potassium		5000	7890	6670	3600	6020	6360	6340	6630	6310	6940
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**120000**	**96300**	**50700**	**102000**	**113000**	**105000**	**111000**	**106000**	**100000**
Thallium	0.5 [2]	10	20 U	4 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	5 J	6 J	3 J	10 J	5 J	17 J	15 J	8.1 J	7.6 J
Purge Method			B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/20/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/29/2011	12/12/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	11	10 U	10 U	10 U	13	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	13	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	26 J	27 J	36 J	30 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Calcium		5000	87000	77000	84000	65000	90000	85000	96000	83000	90000	88000	85000	70000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.2 J	4.5 J	7.9 J	10 U
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	16	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.8 J	10 U
Iron	300 [3]	100	**330**	170	280	160	150	50 U	**310**	210	270	260	24	50 U
Lead	25	3	10 U	10 U	10 U	10 U	18	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	170000	140000	160000	130000	170000	160000	180000	150000	160000	160000	160000	120000
Manganese	300 [3]	15	97	69	82	57	78	85	83	73	83	94	10 U	13
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	6800	7700	5400	7000	6400	4800	5100	4700 JH	5100	5100	5700	5300
Selenium	10	5	10 U	10 U	10 U	***36**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**46000**	**40000**	**38000**	**31000**	**50000**	**37000**	**42000**	**34000**	**37000**	**37000**	**33000**	**28000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	20	20 U	20 U	20 U	5.8 J	4.2 J	14 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
Sample Date	Class GA	CRDL [1]	6/6/2013	10/30/2013	6/19/2014	12/3/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/25/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	NS	100 U	100 U	40 J	10 U	20 J	100 U	34 J	34 J	10 U	38 J
Antimony	3 [2]	60	10 U	NS	50 U	23 J	50 U	50 U	50 U	15 J	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	NS	5 U	5 U	5 U	5 U	3 J	5 U	5 U	5 U	2 J	2 J
Barium	1000	200	28 J	NS	29	34	33	34	32	34	32	46	40	60
Beryllium	3 [2]	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 J	5 U
Calcium		5000	75000	NS	73000	91000	99000	100000	120000	102000	112000	139000	141000	180000
Chromium	50	10	4.9 J	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	NS	4 J	4 J	5 J	6 J	5 J	8 J	6 J	5 J	7 J	5 J
Iron	300 [3]	100	50 U	NS	50 U	30 J	160	140	50	63	60	87	16 J	114
Lead	25	3	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	NS	140000	150000	190000	170000	200000	195000	200000	234000	247000	318000
Manganese	300 [3]	15	3.8 J	NS	5 J	25 J	45	96	25	8 J	4 J	20	11	14
Mercury	0.7	0.2	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	NS	25 U	25 U	4 J	25 U	25 U	2 J	3 J	3 J	3 J	2 J
Potassium		5000	4800	NS	3600	4400	4600	4900	4700	5220	4820	7800	5340	8260
Selenium	10	5	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	NS	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**34000**	NS	**33000**	**36000**	**47000**	**50000**	**54000**	**53200**	**63900**	**98700**	**120000**	**192000**
Thallium	0.5 [2]	10	20 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	NS	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	NS	50 U	8 J	16 J	13 J	50 U	6 J	4 J	3 J	3 J	4 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S	MW-5S
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	3/31/2020	11/23/2020	3/23/2021	12/13/2021	4/13/2022	12/6/2022	4/4/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	(ug/L)	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	32 J	100 U	100 U	40 J	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	50 U	50 U	50 U	14 J	50 U	22 J	50 U	50 U	50 U
Arsenic	25	10	5 U	2 J	5 U	5 U	5 U	5 U	2 J	2.7 J	5 U
Barium	1000	200	63	68	65	75	64	67	60	56.5	55
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	183000	214000	216000	212000	208000	185000	180000	176000	153000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	6 J	5 J	10 U	7 J	4 J	5 J	6 J	11	4.5 J
Iron	300 [3]	100	43 J	50 U	12 J	13 J	15 J	34 J	38 J	214	37.2 J
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	309000	318000	361000	337000	362000	296000	312000	300000	270000
Manganese	300 [3]	15	8 J	14	14	20	10	9 J	4 J	43.2	6.7 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.09 J
Nickel	100	40	25 U	25 U	3 J	2 J	2 J	25 U	3 J	25 U	2.5 J
Potassium		5000	8240	8520	7890	8980	7710	9750	8470	9140	7450
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**244000**	**280000**	**367000**	**376000**	**422000**	**460000**	**482000**	**426000**	**482000**
Thallium	0.5 [2]	10	20 U	4 J	20 U	20 U	4 J	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	3 J	50 U	2 J	2 J	2 J	10 J	12 J	3.9 J	50 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	6/20/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	170	300	100 U	720	130	110	3000 U	150	500	2700	140
Antimony	3 [2]	60	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	19 J	19 J	39 J	23 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.28 J	0.21 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.3 J
Calcium		5000	120000	140000	150000	160000	160000	180000	190000	200000	190000	220000	230000	220000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10	10	5.2 J	11	7.4 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.2 J
Copper	200	25	10 U	10 U	10 U	10 U	10	10 U	10 U	10	10 U	10 U	6.4 J	11 J
Iron	300 [3]	100	95	170	**370**	75	**860**	140	170	**4000**	190	**500**	**2600**	160
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	170000	170000	160000	180000	160000	180000	180000	190000	200000	220000	220000	230000
Manganese	300 [3]	15	20	10 U	45	190	**13**	14	10 U	**110**	9.4 J	**11**	**80**	14
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.071 J	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	15	11	10 U	10 U	10 U	2.6 J	3 J	5.7 J	6.6 J
Potassium		5000	3900	8400	8500	8200	9500	8900	1100 U	1100 JH	12000	9500	12000	15000
Selenium	10	5	10 U	10 U	10 U	***66**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**74000**	**76000**	**61000**	**64000**	**79000**	**64000**	**69000**	**65000**	**68000**	**70000**	**67000**	**72000**
Thallium	0.5 [2]	10	12	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	12 J	20 J
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.2 J	10 J
Zinc	2000	20	10 U	10 U	10 U	10 U	19	20 U	20 U	21	20 U	7.6 J	15 J	4.7 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
Sample Date	Class GA	CRDL [1]	6/7/2013	10/30/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/6/2017	12/6/2017	4/25/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	290	NS	140	100 U	560	40 J	30 J	51 J	85 J	100 U	100 U	100 U
Antimony	3 [2]	60	10 U	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	NS	5 U	3 J	5 U	5 U	2 J	5 U	4 J	4 J	3 J	3 J
Barium	1000	200	23 J	NS	55	8 J	18	55	16	13	26	15	22	17
Beryllium	3 [2]	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	190000	NS	160000	79000	200000	150000	220000	184000	208000	213000	227000	226000
Chromium	50	10	6.2 J	NS	10 U	10 U	10 U	10 U	10 J	10 U	10 U	5 J	10 U	10 U
Cobalt		50	10 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	6 J	NS	3 J	10 U	5 J	10 U	3 J	4 J	3 J	3 J	3 J	2 J
Iron	300 [3]	100	220	NS	140	80	**1100**	110	20 J	92	298	232	14 J	69
Lead	25	3	10 U	NS	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	200000	NS	4400	170000	220000	150000	220000	234000	205000	233000	197000	232000
Manganese	300 [3]	15	11	NS	3 J	10 U	**158**	6 J	18	6 J	10	38	6 J	13
Mercury	0.7	0.2	0.2 U	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	4.6 J	NS	25 U	25 U	7 J	25 U	7 J	3 J	4 J	5 J	4 J	3 J
Potassium		5000	12000	NS	4700	9200	7500	6500	9300	7220	8640	10200	8360	9010
Selenium	10	5	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	NS	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**65000**	NS	**26000**	**59000**	**65000**	**65000**	**84000**	**68000**	**208000**	**128000**	**179000**	**136000**
Thallium	0.5 [2]	10	20 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	NS	10 U	10 U	1 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	4.5 J	NS	41 J	11 J	1880	13 J	50 U	16 J	87 J	20 J	10 J	15 J
Purge Method			B	B	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D	MW-5D
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	11/23/2020	3/23/2021	12/13/2021	4/13/2022	12/6/2022	4/4/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte										
Aluminum		200	679	859	635	342	302	71 J	136	80.5 J
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	10 J	50 U	50 U	50 U
Arsenic	25	10	4 J	5 U	2 J	2 J	5 U	5 U	5 U	2.5 J
Barium	1000	200	62	46	29	37	21	27	14.2	37.4
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	268000	253000	231000	239000	213000	219000	63500	156000
Chromium	50	10	9 J	8 J	4 U	2 J	3 J	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	9 J	7 J	5 J	5 J	5 J	10 U	10 U	10 U
Iron	300 [3]	100	**4840**	**5070**	**1660**	**1290**	**1080**	82	65.4	143
Lead	25	3	4 J	5 J	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	184000	203000	205000	211000	210000	215000	57300	136000
Manganese	300 [3]	15	**93**	**84**	**124**	**53**	**29**	3 J	19.8	20
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U
Nickel	100	40	6 J	6 J	5 J	4 J	2 J	3 J	25 U	2.8 J
Potassium		5000	11500	9510	8240	9180	8420	8820	2220	7590
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**388000**	**197000**	**171000**	**291000**	**167000**	**279000**	**36400**	**216000**
Thallium	0.5 [2]	10	20 U	3 J	2 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	2 J	2 J	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	833	1820	280	338	176	55	25.7 J	26.1 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/20/2008	12/2/2008	4/29/2009	12/10/2009	4/8/2010	12/16/2010	6/29/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	230	100 U	360	100 U	300	140	180	190	150	76 J	150
Antimony	3 [2]	60	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**52**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	19 J	19 J	26 J	21 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.23 J	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Calcium		5000	570000	540000	520000	540000	530000	580000	570000	570000	550000	580000	500000	450000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	11	10 U	10 U	10 U	10 U	6.6 J	10 U
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.1 J	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	51	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**1000**	**1200**	**1000**	**1500**	**910**	**1400**	**1100**	**1300**	**1100**	**1100**	**650**	**1100**
Lead	25	3	10 U	10 U	10 U	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	95000	88000	90000	90000	92000	100000	100000	96000	93000	98000	100000	100000
Manganese	300 [3]	15	**35**	**36**	**34**	**66**	**43**	**42**	**32**	**36**	**34**	**35**	**31**	**37**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.29	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	*11000	9900	10000	7900	10000	7400	7800	6400 JH	8600	6600	7400	6300
Selenium	10	5	10 U	10 U	10 U	***170**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**86000**	**78000**	**65000**	**60000**	**88000**	**66000**	**69000**	**58000**	**62000**	**62000**	**57000**	**66000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	**83**	10 U	**39**	20 U	20 U	20 U	20 U	15 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	12	10 U	85	24	20 U	20 U	20 U	20 U	9 J	11 J	7.2 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R
Sample Date	Class GA	CRDL [1]	6/7/2013	10/30/2013	6/19/2014	12/4/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/24/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	68 J	NS	1300	2100	570	2400	410	1180	378	288	392	380
Antimony	3 [2]	60	10 U	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	NS	2 J	8	5 U	5 U	4 J	5 U	5 U	5 U	5 U	5
Barium	1000	200	21 J	NS	43	70	23	49	30	59	22	25	15	22
Beryllium	3 [2]	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	NS	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 J	5 U
Calcium		5000	570000	NS	260000	310000	480000	420000	530000	392000	476000	536000	479000	494000
Chromium	50	10	10 U	NS	3.8 J	6.6 J	10 U	5 J	2 J	3 J	10 U	2 J	10 U	10 U
Cobalt		50	10 U	NS	20 U	20 U	20 U	50 U	20 U	2 J	2 J	20 U	20 U	20 U
Copper	200	25	10 U	NS	10	14	4 J	9 J	3 J	5 J	4 J	3 J	4 J	3 J
Iron	300 [3]	100	**950**	NS	**3600**	**7800**	**1400**	**6000**	**1200**	**3550**	**1570**	**2920**	**1150**	**1760**
Lead	25	3	10 U	NS	7 J	14	3 J	5 J	10 J	5 J	3 J	10 U	10 U	7 J
Magnesium	35000 [2]	5000	98000	NS	53000	61000	90000	72000	84000	74200	78700	85100	80100	89200
Manganese	300 [3]	15	**32**	NS	**87**	**187**	**68**	**142**	**63**	**81**	**51**	**77**	**43**	**55**
Mercury	0.7	0.2	0.2 U	NS	0.2 U	0.13 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	NS	7 J	10 J	25 U	10 J	4 J	4 J	3 J	25 U	25 U	25 U
Potassium		5000	7200	NS	8600	8800	8000	7700	7800	7970	7040	8900	6070	6770
Selenium	10	5	10 U	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	NS	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**67000**	NS	**120000**	**110000**	**130000**	**86000**	**180000**	**288000**	**288000**	**184000**	**176000**	**146000**
Thallium	0.5 [2]	10	20 U	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	NS	3 J	6 J	1 J	4 J	1 J	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	NS	17 J	27 J	9 J	22 J	9 J	14 J	9 J	11 J	6 J	11 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R	MW-5R
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	3/31/2020	11/23/2020	3/23/2021	12/13/2021	4/13/2022	12/6/2022	4/4/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	1020	2120	100 U	250	129	108	570	156	191
Antimony	3 [2]	60	50 U	50 U	50 U	15 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	4 J	5 U	5 U	5 U	5 U	5 U	5 U	2.4 J	5 U
Barium	1000	200	30	19	11	17	17	16	45	47.8	21.6
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	468000	524000	533000	535000	561000	512000	551000	339000	523000
Chromium	50	10	5 J	10 U	10 U	2 J	10 U	10 U	2 J	10 U	10 U
Cobalt		50	2 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	6 J	10 U	10 U	10 U	10 U	10 U	5 J	3.2 J	10 U
Iron	300 [3]	100	**6760**	**8450**	**483**	**1180**	**785**	**748**	**8350**	**2330**	**641**
Lead	25	3	6 J	10 U	10 U	10 U	10 U	10 U	6 J	10 U	10 U
Magnesium	35000 [2]	5000	78400	80600	88700	87800	96200	86700	92600	62800	92100
Manganese	300 [3]	15	**113**	**42**	**27**	**48**	**38**	**37**	**104**	**87.1**	**48**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U
Nickel	100	40	3 J	25 U	25 U	25 U	25 U	25 U	4 J	25 U	25 U
Potassium		5000	8380	6040	6240	5890	6030	6370	7660	4600	6130
Selenium	10	5	5 J	10 U	10 U	10 U	10 U	6 J	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**390000**	**90200**	**102000**	**79500**	**106000**	**94100**	**364000**	**199000**	**202000**
Thallium	0.5 [2]	10	20 U	2 J	20 U	20 U	4 J	20 U	20 U	20 U	20 U
Vanadium		50	2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	16 J	8 J	4 U	7 J	5 J	16 J	31 J	16.5 J	6.1 J
Purge Method			B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/14/2009	4/8/2010	12/16/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	56 J	100 U
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	23	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5 J	10 J
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	200 U	100 U	100 U	55 J	65 J	52 J	56 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.3 J	1.1 J
Calcium		5000	55000	72000	51000 U	61000	51000	68000	69000	74000	64000	72000	63000	72000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.7 J	10 U	6.3 J	6.5 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**1200**	**1700**	**1200**	**2500**	**1800**	**2100**	**690**	**1100**	**2100**	**960**	**3600**	**1100**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	21000	27000	23000	23000	19000	25000	31000	39000	30000	37000	19000	28000
Manganese	300 [3]	15	**620**	**430**	**440**	**540**	**720**	**560**	**490**	**540**	**470**	**420**	**500**	**420**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	1800	2500	1400	2200	1500	2300	1600	2200 JH	2300	2100	2600	2500
Selenium	10	5	10 U	10 U	10 U	***25**	**13**	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	7300	9800	6600	5800	9500	7000	11000	12000	16000	14000	12000	13000
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	14 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	11	20 U	20 U	20 U	20 U	20 U	4.6 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/11/2016	12/7/2016	4/4/2017	12/5/2017	4/24/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	100 U	84 J	100 U	100 U	10 U	100 U	10 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	50 U	50 U	41 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	3 J	5 U	4 J	2 J	5 U	5 U
Barium	1000	200	53 J	52 J	56	50	62	62	58	59	50	38	48	47
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	62000	68000	57000	67000	59000	64000	65000	65700	54200	55600	55700	59400
Chromium	50	10	4.6 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**960**	**1100**	**590**	**460**	**1200**	**340**	**580**	**414**	**444**	**446**	**315**	**551**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	31000	29000	33000	30000	34000	27000	31000	32400	25900	14000	26300	21300
Manganese	300 [3]	15	**400**	**510**	**359**	**441**	**404**	**303**	**487**	**362**	**311**	**370**	**232**	**361**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	2200	3000	1400 J	1900 J	1800 J	2100 J	1800 J	2200 J	1660 J	23600 J	1630 J	2100 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	11000	10000	12000	12000	**21000**	16000	16000	14000	11300	9640	12200	11000
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	4.6 J	50 U	50 U	20 U	50 U	50 U	2 J	50 U	2 J	50 U	2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S	MW-7S
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	3/31/2020	11/23/2020	3/22/2021	12/13/2021	4/13/2022	12/6/2022	4/3/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	3 [2]	60	50 U	50 U	9 J	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	3 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	63	53	57	48	38	61	53	80.9	93.3
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	60500	72700	65400	59500	48700	65000	61200	80400	102000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	2 J	10 U	4 J	4 J	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**218**	**546**	**250**	**768**	**465**	**968**	**441**	**821**	**793**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	32600	22800	25900	17000	16400	23800	28500	40100	46300
Manganese	300 [3]	15	**291**	**466**	**255**	**354**	**355**	**726**	**474**	**513**	**864**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 J	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Potassium		5000	1870 J	2370 J	1800 J	2390 J	1590 J	2450 J	1910 J	2680	2220 J
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	17500	**25400**	**24500**	17100	13800	**23300**	**23400**	**28400**	**29400**
Thallium	0.5 [2]	10	20 U	4 J	20 U	5 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	50 U	50 U	50 U	50 U	10 J	11 J	50 U	50 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-8S 6/20/2007 ug/L	MW-8S 11/14/2007 ug/L	MW-8S 5/20/2008 ug/L	MW-8S 12/2/2008 ug/L	MW-8S 4/29/2009 ug/L	MW-8S 12/14/2009 ug/L	MW-8S 4/8/2010 ug/L	MW-8S 12/15/2010 ug/L	MW-8S 6/29/2011 ug/L	MW-8S 12/12/2011 ug/L	MW-8S 6/12/2012 ug/L	MW-8S 12/12/2012 ug/L
Analyte														
Aluminum		200	100 U	470	100 U	100 U	100 U	190	100 U	200	330	100 U	62 J	110
Antimony	3 [2]	60	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	49 J	62 J	54 J	55 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.1 J	10 U
Calcium		5000	10 U	51000	54000 U	52000	56000	56000	63000	61000	59000	59000	72000	62000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.5 J	7.8 J	4.6 J
Cobalt		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.3 J	8.2 J
Iron	300 [3]	100	50 U	**360**	63	50 U	50 U	150	10 U	230	210	50 U	61	**370**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	83000	67000	75000	77000	81000	81000	93000	84000	84000	82000	110000	92000
Manganese	300 [3]	15	10 U	27	10 U	25	10 U	35	10 U	10 U	3.4 J	3.0 J	3.1 J	**79**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4.1 J
Potassium		5000	6000	5400	4600 U	5000	5100	4200	4700	4300 JH	4400	4000	5500	5500
Selenium	10	5	10 U	10 U	10 U	***29**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**34000**	**48000**	**27000**	**31000**	**34000**	**28000**	**30000**	**28000**	**26000**	**28000**	**30000**	**28000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	15 J	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	8.6 J	20 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-8S 6/7/2013 ug/L	MW-8S 10/31/2013 ug/L	MW-8S 6/18/2014 ug/L	MW-8S 12/4/2014 ug/L	MW-8S 5/28/2015 ug/L	MW-8S 11/10/2015 ug/L	MW-8S 5/11/2016 ug/L	MW-8S 12/7/2016 ug/L	MW-8S 4/5/2017 ug/L	MW-8S 12/5/2017 ug/L	MW-8S 4/23/2018 ug/L	MW-8S 12/12/2018 ug/L
Analyte														
Aluminum		200	550	100 U	100 U	100 U	220	100 U	170	100 U	186	48	100 U	103
Antimony	3 [2]	60	10 U	10 U	50 U	25 J	26 J	50 U	17 J	12 J	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	3 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	50 J	66 J	41	52	51	53	59	53	55	60	48	59
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	2 J	5 U
Calcium		5000	62000	59000	50000	54000	56000	53000	58000	55100	56700	52500	56900	58400
Chromium	50	10	6.2 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	5.3 J	6.4 J	4 J	3 J	4 J	3 J	5 J	3 J	5 J	4 J	4 J	5 J
Iron	300 [3]	100	**340**	130	20	20	220	50 U	220	11 J	231	99	24 J	191
Lead	25	3	10 U	10 U	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	92000	82000	80000	80000	85000	74000	78000	81000	82600	79900	82200	83600
Manganese	300 [3]	15	7.1 J	14	10 U	4 J	8 J	10 U	12	10 U	8 J	9 J	10 U	10 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	2.7 J	3 J	25 U	25 U	25 U	25 U	4 J	25 U	25 U	2 J	25 U	25 U
Potassium		5000	5000	4900	3500	3700	4200	3700	3500	3840	3720	4550	3620	4010
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**33000**	**31000**	**28000**	**30000**	**32000**	**33000**	**37000**	**31500**	**35500**	**35400**	**32400**	**35900**
Thallium	0.5 [2]	10	10 J	20 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U	4 J	20 U	20 U
Vanadium		50	10 U	10 U	10 U	1 J	10 U	10 U	1 J	10 J	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	5 J	50 U	50 U	50 U	50 U	50 U	3 J	3 J	50 J	50 U	2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S	MW-8S
Sample Date	Class GA Standard	CRDL [1]	4/16/2019	12/12/2019	4/1/2020	11/24/2020	3/23/2021	12/14/2021	4/13/2022	12/6/2022	4/3/2023
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	100 U	100 U	100 U	82 J	100 U	100 U	100 U	81.7 J	87.3 J
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	2 J	5 U	5 U	5 U	2 J	5 U	2 J	5 U	5 U
Barium	1000	200	48	52	45	40	47	53	54	38.1	53
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	55600	60600	59600	58400	62400	58100	62300	64800	62600
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	3 J	5 J	8 J	5 J	3 J	10 U	4 J	5.5 J	5.6 J
Iron	300 [3]	100	43 J	73	22 J	113	50 U	23 J	39 J	119	165
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	88000	88300	92700	88800	92400	85800	95200	104000	96400
Manganese	300 [3]	15	3 J	7 J	3 J	10	10 U	2 J	10 U	10	8 J
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	2.6 J
Potassium		5000	4340	4030	3900	4040	3920	4030	3940	4540	3950
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**34000**	**32600**	**31700**	**30200**	**32700**	**32400**	**34500**	**32800**	**32500**
Thallium	0.5 [2]	10	20 U	3 J	20 U	3 J	5 J	5 J	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	50 U	4 J	50 U	3 J	4 J	13 J	15 J	50 U	3.7 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/15/2010	6/30/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	730	220	1400	2100	100 U	100 U	1200	100 U	200	140	1000	510
Antimony	3 [2]	60	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**140**	10 U	10 U	10 U	10 U	10 U	10 U	5.4 J	4.1 J	8 J	8.6 J
Barium	1000	200	200 U	200 U	200 U	370	200 U	100 U	100 U	100 U	130	40 J	52 J	53 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.22 J	0.2 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.5 J
Calcium		5000	78000	60000	60000	270000	56000	58000	86000	65000	93000	74000	82000	74000
Chromium	50	10	10 U	10 U	10 U	37	10 U	10 U	10 U	10 U	12	5.5 J	7.8 J	8 J
Cobalt		50	10 U	10 U	10 U	15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7 J
Copper	200	25	10 U	10 U	13	48	10 U	10 U	10 U	10 U	6 J	10 U	10 U	10 U
Iron	300 [3]	100	**1100**	250	**2600**	**3500**	50 U	85	**1700**	200	**320**	160	**910**	**720**
Lead	25	3	10 U	10 U	**30**	15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	150000	130000	120000	210000	81000	140000	170000	150000	150000	160000	180000	160000
Manganese	300 [3]	15	**53**	13	**70**	**980**	10 U	10 U	**66**	11	110	16	**34**	**38**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	46	10 U	10 U	10 U	10 U	4.6 J	10 U	2 J	2.1 J
Potassium		5000	20000	18000	19000	24000	5100	16000	1800	16000 JH	22000	16000	18000	23000
Selenium	10	5	10 U	10 U	10 U	***97**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**63000**	**59000**	**47000**	**53000**	**34000**	**50000**	**55000**	**51000**	**52000**	**51000**	**53000**	**50000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	20 U	11 J	20 U
Vanadium		50	10 U	10 U	10 U	33	10 U	10 U	10 U	10 U	4.2 J	10 U	10 U	10 U
Zinc	2000	20	11	10 U	32	11	10 U	20 U	20 U	20 U	29	20 U	9.7 J	6 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/29/2015	11/10/2015	5/12/2016	12/7/2016	4/6/2017	12/6/2017	4/24/2018	12/11/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	250	480	150	320	260	140	790	1070	3070	101	812	389
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	10 J	50 U	15 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	7 J	4.8 J	5 U	8	5 U	6	9	6	7	8	8	8
Barium	1000	200	43 J	48 J	6 J	45	32	32	52	42	78	35	40	39
Beryllium	3 [2]	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	74000	66000	500000	66000	54000	60000	78000	71000	98600	63500	76000	78800
Chromium	50	10	4.7 J	4.1 J	10 J	10 U	10 U	10 U	2 J	3 J	6 J	10 J	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	2 J	20 J	20 U	20 U
Copper	200	25	10 U	10 U	5 J	3 J	10 J	10 U	4 J	10 U	9.8 J	10 J	3 J	3 J
Iron	300 [3]	100	270	**600**	**1300**	**640**	290	**360**	**1300**	**1580**	**4930**	215	**1120**	**728**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U	10 U
Magnesium	35000 [2]	5000	160000	140000	120000	140000	140000	130000	150000	147000	160000	150000	154000	161000
Manganese	300 [3]	15	22	**30**	**25**	**31**	16	20	**60**	**54**	**163**	24	**52**	**53**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	2.8 J	25 U	25 U	25 U	25 U	25 U	25 U	6 J	25 U	3 J	25 U
Potassium		5000	17000	17000	7300	14000	15000	12000	13000	11800	12000	12000	11800	11800
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**53000**	**50000**	**160000**	**52000**	**50000**	**48000**	**52000**	**49200**	**50700**	**50900**	**54000**	**52400**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	1 J	10 J	10 U	2 J	2 J	5 J	10 J	10 U	10 U
Zinc	2000	20	20 U	5.9 J	50 U	50 U	50 U	50 U	50 U	6 J	16 J	2 J	3 J	4 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D	MW-8D
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/2/2020	11/24/2020	3/23/2021	12/14/2021	4/14/2022	12/7/2022	4/4/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	162	65 J	339 J	141	747	231	140	181	158
Antimony	3 [2]	60	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10	7	6	7	3 J	7	11	8.1	5 U
Barium	1000	200	36	32	37	32	38	38	35	31	6.9 J
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	70400	76200	63600	67400	65800	77600	85000	76600	532000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt		50	20 U	20 U	20 U	20 U	2 J	20 J	20 U	20 U	20 U
Copper	200	25	10 U	10 U	10 U	10 U	2 J	10 J	10 U	10 U	10 U
Iron	300 [3]	100	255	117	**768**	250	**1320**	**429**	272	280	**830**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	145000	153000	147000	143000	147000	151000	170000	164000	131000
Manganese	300 [3]	15	31	26	**50**	23	**45**	**39**	31	33.9	**25.3**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.16 J	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	2 J	2 J	25 U	25 U	25 U
Potassium		5000	12700	11000	11900	1080	11700	10800	10700	11500	7380
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**56400**	**50300**	**49900**	**49500**	**52000**	**52800**	**55000**	**53300**	**164000**
Thallium	0.5 [2]	10	20 U	3 J	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	3 J	2 J	3	50 U	5 J	11 J	12 J	50 U	3 J
Purge Method			B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R
Sample Date	Class GA	CRDL [1]	6/20/2007	11/14/2007	5/20/2008	12/2/2008	4/29/2009	12/14/2009	4/8/2010	12/15/2010	6/29/2011	12/13/2011	6/12/2012	12/12/2012
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	10 U	340	100 U	1500	100 U	100 U	240	160	160	100 U	61 J	200
Antimony	3 [2]	60	**16**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Arsenic	25	10	10 U	**46**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Barium	1000	200	200 U	200 U	200 U	200 U	200 U	100 U	100 U	100 U	17 J	15 J	20 J	20 J
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	0.23 J	0.3 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.2 J
Calcium		5000	520000	580000	510000	590000	530000	540000	600000	550000	550000	570000	600000	560000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.7 J	7.3 J
Cobalt		50	11	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.8 J	10 U	10 U	10 U
Copper	200	25	10 U	10 U	10 U	27	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Iron	300 [3]	100	**1200**	**1600**	**1200**	**3700**	**1300**	**1300**	**1700**	**1600**	**1500**	**1300**	**1600**	**1400**
Lead	25	3	10 U	10 U	10 U	14	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Magnesium	35000 [2]	5000	130000	120000	120000	140000	120000	120000	140000	120000	130000	130000	140000	130000
Manganese	300 [3]	15	**22**	**32**	**20**	**97**	**35**	**17**	**24**	**24**	**25**	**20**	**23**	**26**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	10 U	15	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium		5000	10000	9500	8700	9400	8100	8200	9700	7400 JH	11000	7800	9100	8500
Selenium	10	5	10 U	10 U	10 U	***220**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**180000**	**150000**	**160000**	**180000**	**180000**	**160000**	**180000**	**140000**	**160000**	**160000**	**160000**	**160000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	**110**	10 U	**26**	20 U	20 U	20 U	20 U	12 J	20 J
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Zinc	2000	20	10 U	10 U	10 U	100	22	20 U	20 U	20 U	5.4	4.8 J	5.7 J	6.2 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R
Sample Date	Class GA	CRDL [1]	6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/5/2017	12/5/2017	4/23/2018	12/10/2018
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	75 J	240	150	150	270	100 U	80 J	1050	58 J	216	70 J	69 J
Antimony	3 [2]	60	10 U	10 U	50 U	50 U	26 J	50 U	11 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	10 U	10 U	5 U	5 U	5 U	5 U	2 J	3 J	5 U	3 J	3 J	2 J
Barium	1000	200	17 J	18 J	6 J	7 J	9 J	6 J	7 J	13	7 J	9 J	7 J	7 J
Beryllium	3 [2]	5	10 U	0.2 J	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	550000	540000	500000	490000	510000	460000	540000	524000	514000	493000	547000	548000
Chromium	50	10	10 U	5.4 J	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U	10 U
Cobalt		50	10 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Copper	200	25	10 U	10 U	5 J	3 J	3 J	4 J	3 J	3 J	10 U	3 J	4 J	2 J
Iron	300 [3]	100	**1300**	**1500**	**1300**	**1300**	**1500**	**1100**	**1100**	**2970**	**1180**	**1490**	**1240**	**1280**
Lead	25	3	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	3 J
Magnesium	35000 [2]	5000	130000	130000	120000	110000	120000	100000	110000	129000	115000	120000	117000	127000
Manganese	300 [3]	15	**19**	**27**	**25**	**26**	**38**	**17**	**19**	**67**	**18**	**37**	**23**	**23**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	40	10 U	10 U	25 U	25 U	25 U	25 U	25 U	3 J	25 U	25 U	25 U	25 U
Potassium		5000	8700	9300	7300	6900	7800	7000	7000	7420	7150	7850	6990	8300
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**170000**	**170000**	**160000**	**150000**	**160000**	**150000**	**160000**	**160000**	**162000**	**163000**	**165000**	**172000**
Thallium	0.5 [2]	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U	2 J	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	1 J	10 U	10 U	10 U	2 J	10 U	10 U	10 U	10 U
Zinc	2000	20	20 U	6 J	50 U	50 U	50 U	50 U	50 U	8 J	50 U	6 J	50 U	3 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC		MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R	MW-8R
Sample Date	Class GA	CRDL [1]	4/16/2019	12/12/2019	4/1/2020	11/24/2020	3/23/2021	12/14/2021	4/14/2022	12/7/2022	4/3/2023
Units	Standard (ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	158	355	100 U	457	185	109	1610	100 U	4390
Antimony	3 [2]	60	50 U	50 U	50 U	8 J	50 U	50 U	50 U	50 U	50 U
Arsenic	25	10	6	5 U	5 U	5 U	5 U	5 U	5	3 J	4.7 J
Barium	1000	200	7 J	8 J	5 J	12	7 J	19	14	4.2 J	33.4
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Calcium		5000	517000	537000	515000	530000	561000	487000	582000	573000	586000
Chromium	50	10	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	9.9 J
Cobalt		50	20 U	20 U	20 U	20 U	20 U	20 U	2 J	20 U	4 J
Copper	200	25	10 J	2 J	10 U	4 J	10 U	10 U	6 J	10 U	13
Iron	300 [3]	100	**1340**	**1450**	**1140**	**1820**	**1410**	238	**4130**	**1260**	**9370**
Lead	25	3	10 J	10 U	10 U	10 U	10 U	10 U	5 J	3.6 J	6.5 J
Magnesium	35000 [2]	5000	115000	114000	115000	121000	127000	110000	141000	135000	167000
Manganese	300 [3]	15	**26**	**33**	**17**	**44**	**30**	7 J	**87**	**20.4**	**268**
Mercury	0.7	0.2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.23	0.2 U	0.2 U
Nickel	100	40	25 U	25 U	25 U	25 U	25 U	25 U	6	25 U	11.1 J
Potassium		5000	8640	7430	6990	6970	7150	7460	8170	7600	7980
Selenium	10	5	10 U	10 U	10 U	4 J	10 U	5 J	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**180000**	**158000**	**161000**	**156000**	**170000**	**156000**	**176000**	**164000**	**157000**
Thallium	0.5 [2]	10	20 U	20 U	20 U	3 J	4 J	20 U	20 U	20 U	20 U
Vanadium		50	10 U	10 U	10 U	10 U	10 U	10 U	3 J	10 U	8.4 J
Zinc	2000	20	3 J	4 J	50 U	9 J	50 U	13 J	20 J	50 U	27.7 J
Purge Method			B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS = Not Sampled
* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	LEACHATE COLLECTION MANHOLE											
Sample Date	Class GA Standard		6/21/2007	11/14/2007	5/21/2008	12/2/2008	4/29/2009	12/15/2009	4/8/2010	12/16/2010	6/30/2011	12/13/2011	6/28/2012	12/12/2012
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	640	6600	1800	2100	690	5200	1300	3200	14000	410	8900	18000
Antimony	3 [2]	60	10 U	21	10 U	10 U	10 U	10 U	10 U	12	39	4.2 J	21	20
Arsenic	25	10	10 U	**79**	10 U	10 U	10 U	18	10 U	**38**	**150**	4.5 J	**74**	**110**
Barium	1000	200	200 U	610	200 U	210	200 U	780	140	290	**1100**	95 J	510	840
Beryllium	3 [2]	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	1.4 J	10 U	1.2 J	1.3 J
Cadmium	5	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	**10** J	10 U	**6.4** J	**12**
Calcium		5000	70000	120000	76000	13000	60000	180000	82000	110000	260000	67000	170000	220000
Chromium	50	10	10 U	10 U	10 U	13	10 U	10 U	10 U	14	**53**	4 J	29	44
Cobalt		50	10 U	16	10 U	10 U	10 U	17	10 U	13	46	10 U	21	38
Copper	200	25	58	**1100**	120	**230**	61	**1300**	99	**350**	**2200**	36	**860**	**1800**
Iron	300 [3]	100	**8800**	**190000**	160	**3800**	**8700**	**75000**	**1800**	**74000**	**400000**	**6100**	**160000**	**290000**
Lead	25	3	12	**2300**	**49**	**70**	**25**	**340**	**35**	**110**	**670**	11	**290**	**610**
Magnesium	35000 [2]	5000	1600	13000	602000	6000	16000	15000	39000	22000	79000	39000	60000	42000
Manganese	300 [3]	15	**120**	**1300**	220	**580**	**150**	**1900**	**22**	**870**	**3100**	**200**	**1400**	**2700**
Mercury	0.7	0.2	0.2 U	**3.6**	0.6	0.6	0.2 U	**6.7**	0.31	**1.1**	**5.2**	0.2 U	**2.3**	**3.7**
Nickel	100	40	10 U	120	19	47	10 U	**130**	16	54	**230**	9.8 J	**120**	**280**
Potassium		5000	150000	120000	120000	120000	110000	67000	73000	65000 JH	53000	43000	82000	92000
Selenium	10	5	10 U	10 U	10 U	**31**	**15**	10 U	10 U	10 U	**18** J	10 U	10 U	10 U
Silver	50	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	20000	5000	**49000**	**43000**	**32000**	**34000**	**48000**	**29000**	**46000**	**33000**	**38000**	**29000**	**38000**	**31000**
Thallium	0.5 [2]	10	10 U	10 U	10 U	10 U	10 U	10 U	20 U	20 U	20 U	20 U	14 J	20 J
Vanadium		50	16	100	16	35	10 U	27	15	66	250	6.9 J	100	180
Zinc	2000	20	58	860	300	420	75	**4800**	220	490	**3100**	68	880	**2600**
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS - Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	LEACHATE COLLECTION MANHOLE											
Sample Date	Class GA Standard		6/7/2013	10/31/2013	6/19/2014	12/4/2014	5/28/2015	11/10/2015	5/11/2016	12/7/2016	4/5/2017	12/5/2017	4/23/2018	12/10/2018
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte														
Aluminum		200	6000	4200	540	1100	30000	11000	8600	35800	1680	885	916	478
Antimony	3 [2]	60	11	13	50 U	50 U	50 U	20 J	14 J	50 U	50 U	50 U	7 J	50 U
Arsenic	25	10	**34**	23	5	9	9	**35**	**43**	5 U	8	8	11	4 J
Barium	1000	200	320	270	107	133	**2380**	646	361	**1710**	117	109	106	97
Beryllium	3 [2]	5	0.54 J	0.37 J	5 U	5 U	2 J	5 U	5 U	2 J	5 U	5 U	5 U	5 U
Cadmium	5	5	3.1 J	3.6 J	5 U	5 U	5 U	5 U	5 U	**8**	5 U	5 U	1 J	5 U
Calcium		5000	120000	130000	88000	82000	590000	200000	140000	544000	83300	74600	75100	72900
Chromium	50	10	20	14	2.1 J	3.7 J	**80**	30	20	**72**	4 J	4 J	10 U	2 J
Cobalt		50	14	9.8 J	20 U	20 U	65	19 J	13 J	55	2 J	2 J	2 J	2 J
Copper	200	25	**510**	**270**	47	97	**5990**	**1390**	**627**	**3790**	79	73	103	46
Iron	300 [3]	100	**84000**	**47000**	**4800**	**10000**	**400**	**200000**	**86000**	**360000**	**12800**	**9700**	**19100**	**4080**
Lead	25	3	**180**	**110**	19	**44**	**1270**	**355**	**201**	**951**	**32**	**29**	**30**	16
Magnesium	35000 [2]	5000	29000	20000	43000	25000	81000	43000	33000	38000	14200	7860	45700	25800
Manganese	300 [3]	15	**790**	**810**	**143**	**293**	**6450**	**1660**	**888**	**4850**	**178**	**185**	**197**	**184**
Mercury	0.7	0.2	**1.1**	0.67	0.1 J	0.29	**15**	**1.72**	**1.34**	0.57	0.22	0.2 U	0.2 U	0.2 U
Nickel	100	40	69	47	9 J	16 J	**488**	**142**	**77**	**378**	13 J	14 J	16 J	8 J
Potassium		5000	110000	93000	55000	67000	28000	32000	44000	69800	72800	83200	37800	53200
Selenium	10	5	10 U	10 U	10 U	10 U	10 U	3 J	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	10 U	10 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**56000**	**39000**	**33000**	**31000**	**26000**	**23000**	**29000**	**31600**	**31400**	**33000**	**37000**	**31500**
Thallium	0.5 [2]	10	11 J	20 U	20 U	20 U	20 U	20 U	20 U	**3** J	20 U	20 U	20 U	20 U
Vanadium		50	54 J	40	8 J	14	134	111	60	116	11	11	17	8 J
Zinc	2000	20	510	310	53	107	**3940**	1100	699	**3370**	115	78	103	57
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS - Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

B - Bailer (Either Dedicated or Disposable)

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2023

Sample ID	NYSDEC	CRDL [1]	LEACHATE COLLECTION MANHOLE								
Sample Date	Class GA Standard		4/16/2019	12/12/2019	3/31/2020	11/24/2020	3/23/2021	12/14/2021	4/13/2022	12/6/2022	4/3/2023
Units	(ug/L)	(ug/L)	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Analyte											
Aluminum		200	2440	12900	8640	1150	1070	1890	3160	1380	2540
Antimony	3 [2]	60	12 J	21 J	30 J	50 U	50 U	13 J	12 J	50 U	16 J
Arsenic	25	10	19	12	24	5 U	9	19	12	4.9 J	15
Barium	1000	200	189	932	771	136	109	190	160	88.3	170
Beryllium	3 [2]	5	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Cadmium	5	5	1 J	8	5 U	5 U	5 U	1 J	5 U	5 U	5 U
Calcium		5000	125000	295000	259000	104000	77400	95800	147000	89500	129000
Chromium	50	10	7 J	**65**	31	4 J	3 J	6 J	7 J	5.2 J	6 J
Cobalt		50	5 J	33	27	3 J	3 J	7 J	4 J	20 U	4.4 J
Copper	200	25	**243**	**1810**	**1970**	148	102	**253**	126	83.3	187
Iron	300 [3]	100	**31800**	**212000**	**227000**	**10500**	**17600**	**42300**	**20500**	**6600**	**31100**
Lead	25	3	**93**	**534**	**509**	**53**	**33**	**70**	**49**	24.7	**61**
Magnesium	35000 [2]	5000	67600	51600	67300	45600	34400	38600	82500	50000	75600
Manganese	300 [3]	15	**512**	**2750**	**2**	**348**	**363**	**654**	**332**	**121**	**328**
Mercury	0.7	0.2	**0.8**	**3.37**	**4.14**	0.17	0.29	0.60	0.38	0.18 J	0.11 J
Nickel	100	40	37	**198**	**197**	22	19 J	40	26	10.5 J	29
Potassium		5000	32200	38600	18900	23000	38700	36300	27500	21900	20000
Selenium	10	5	10 U	8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Silver	50	10	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Sodium	20000	5000	**35000**	**29300**	**27100**	**24100**	**29700**	**31600**	**35000**	**28500**	**30700**
Thallium	0.5 [2]	10	20 U	6 J	4 J	4 J	20 U	20 U	20 U	20 U	20 U
Vanadium		50	31	170	155	12	16	49	19	6.8 J	22.8
Zinc	2000	20	228	1670	1470	148	112	246	224	107	221
Purge Method			B	B	B	B	B	B	B	B	B

CONCENTRATION QUALIFIERS:

B = The reported value is less than the CRDL, but greater than or equal to the IDL.

U = The analyte was analyzed, but not detected.

QUALIFIERS FOR SPECIFIC ENTRIES:

E = The reported value is estimated due to the presence of interference(s).

J = The value is being reported as estimated based on the findings of the Data Usability Summary Report (DUSR).

L = Based on the DUSR, these values are based on an elevated detection limit due to the copresence in the equipment blank.

I = Matrix Interference

NS - Not Sampled

* = The result of a calibration blank associated with this analysis was greater than the established control limit.

= Concentration is greater than GA Standa

ug/l = micrograms per liter

NOTES:

(1) The CRDL shown is the Contract Required Detection Limit per ASP.

(2) The value shown is a guidance value.

(3) The sum of iron and manganese shall be less than 500 ug/l.

SP - Submersible Pump with Dedicated Tubing

PP - Peristaltic Pump with Dedicated Tubing

B - Bailer (Either Dedicated or Disposable)

B - Bailer (Either Dedicated or Disposable)

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-1S										
4/4/2023	0831	22.92	2.75	0	10.04	7.55	1.07	0.0	2.73	PP
4/4/2023	0836	NM	NM	1	9.13	7.45	1.05	0.0	0.55	PP
4/4/2023	0841	NM	NM	2	9.02	7.41	1.05	0.0	0.21	PP
4/4/2023	0846	NM	NM	3	8.72	7.37	1.05	0.0	0.00	PP
4/4/2023	0850	NM	NM	4	8.73	7.30	1.06	0.0	0.00	PP
4/4/2023	0855	NM	NM	5	8.73	7.27	1.06	0.0	0.00	PP
4/4/2023	0856	Collect sample **MW-1S** for TAL Metals.								
MW-2S										
4/4/2023	0928	22.73	3.40	0	8.61	7.52	1.01	1.7	0.61	PP
4/4/2023	0930	NM	NM	1	8.05	7.35	1.02	0.0	0.00	PP
4/4/2023	0936	NM	NM	2	7.90	7.30	1.02	0.0	0.00	PP
4/4/2023	0937	NM	NM	3	7.93	7.29	1.02	0.0	0.00	PP
4/4/2023	0938	NM	NM	4	8.05	7.28	1.03	0.0	0.00	PP
4/4/2023	0940	NM	NM	5	8.28	7.27	1.02	0.0	0.00	PP
4/4/2023	0940	Collect sample **MW-2S** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-2D										
4/4/2023	1006	37.96	5.48	0	8.91	7.38	1.55	48.7	1.42	B
4/4/2023	1021	NM	NM	1	7.91	7.38	1.55	98.2	1.31	B
4/4/2023	1035	NM	NM	2	8.23	7.39	1.50	67.3	1.28	B
4/4/2023	1043	NM	NM	3	8.31	7.42	1.56	28.3	1.20	B
4/4/2023	1053	NM	NM	4	7.91	7.40	1.57	51.2	1.28	B
		Bailed well dry.								
4/4/2023	0718	NM	NM	0	9.32	7.38	1.52	12.3	0.00	B
4/5/2023	0718	Collect sample **MW-2D** for TAL Metals.								
MW-2R										
4/4/2023	0831	81.66	22.68	0	10.04	7.55	1.07	0.0	2.73	B
4/4/2023	0838	NM	NM	5	9.13	7.45	1.05	0.0	0.55	B
4/4/2023	0848	NM	NM	10	8.72	7.36	1.05	0.0	0.00	B
4/4/2023	0856	NM	NM	15	8.73	7.27	1.06	0.0	0.00	B
4/4/2023	0913	NM	NM	20	8.14	8.05	1.12	8.2	0.30	B
4/4/2023	0916	NM	NM	25	9.01	7.84	1.14	0.2	4.57	B
4/4/2023	0918	NM	NM	30	9.77	7.82	1.14	4.8	5.89	B
4/4/2023	0922	Collect sample **MW-2R** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-4S										
4/3/2023	1640	22.88	3.44	0.0	10.71	7.84	1.08	15.2	3.81	PP
4/3/2023	1645	NM	NM	1.0	10.23	7.71	1.13	14.2	2.51	PP
4/3/2023	1650	NM	NM	2.0	9.70	7.52	1.35	9.2	1.90	PP
4/3/2023	1653	NM	NM	3.0	9.75	7.48	1.37	4.5	1.73	PP
4/3/2023	1657	NM	NM	4.0	9.82	7.44	1.39	2.5	1.64	PP
4/3/2023	1659	NM	NM	5.0	10.00	7.43	1.37	4.6	1.42	PP
4/3/2023	1659	Collect sample **MW-4S** for TAL Metals.								
MW-4D										
4/3/2023	1644	37.89	9.60	0.0	10.06	8.18	2.18	178.0	7.10	B
4/3/2023	1653	NM	NM	5.0	9.66	7.83	1.38	13	2.54	B
4/3/2023	1657	NM	NM	7.0	10.71	7.24	2.94	102	1.92	B
		Bailed well dry.								
4/4/2023	0727	NM	NM	0.0	11.31	7.01	3.09	41	2.61	B
4/4/2023	0728	Collect sample **MW-4D** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0} C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-5S										
4/4/2023	1006	18.31	4.15	0	12.52	7.30	5.10	0.0	0.97	PP
4/4/2023	1010	NM	NM	1	15.07	7.32	5.42	0.0	1.80	PP
4/4/2023	1014	NM	NM	2	15.52	7.30	5.53	0.0	0.86	PP
4/4/2023	1018	NM	NM	3	15.93	7.31	5.53	0.0	0.56	PP
4/4/2023	1022	NM	NM	4	15.90	7.31	5.53	0.0	0.45	PP
4/4/2023	1026	NM	NM	5	15.80	7.31	5.54	0.0	0.32	PP
4/4/2023	1026	Collect sample **MW-5S** for TAL Metals.								
MW-5D										
4/4/2023	0822	33.51	8.6	0	8.5	11.55	1.39	21.5	5.33	PP
4/4/2023	0834	NM	NM	1	9.04	8.1	1.4	15.7	3.35	PP
4/4/2023	0845	NM	NM	2	9.17	7.79	1.71	20.1	11.20	PP
4/4/2023	0856	NM	NM	3	9.32	7.44	1.7	0.0	3.37	PP
4/4/2023	0909	Purged well dry.								
4/4/2023	1100	NM	NM	0	9.40	7.39	1.7	8.9	2.54	PP
4/4/2023	1100	Collect sample **MW-5D** for TAL Metals.								
MW-5R										
4/4/2023	1028	80.86	14.43	0	13.12	7.35	3.73	42.7	2.33	B
4/4/2023	1035	NM	NM	5.5	13.09	7.61	4.12	86.1	7.13	B
4/4/2023	1040	NM	NM	11	13.02	7.52	2.91	56.3	3.93	B
4/4/2023	1044	NM	NM	16.5	13.05	7.30	2.92	23.1	3.52	B
4/4/2023	1052	NM	NM	22	12.91	7.31	3.32	17.9	2.13	B
4/4/2023	1058	NM	NM	27.5	12.90	7.19	3.41	15.2	0.91	B
4/4/2023	1106	NM	NM	33	13.15	7.22	3.30	9.1	0.54	B
4/4/2023	1106	Collect sample **MW-5R** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-7S										
4/3/2023	1730	17.44	3.75	0	10.45	7.65	0.799	38.2	0.86	PP
4/3/2023	1735	NM	NM	1	10.26	7.53	0.860	20.9	0.65	PP
4/3/2023	1739	NM	NM	2	10.18	7.48	0.868	12.2	0.76	PP
4/3/2023	1745	NM	NM	3	10.19	7.43	0.871	6.5	0.21	PP
4/3/2023	1748	NM	NM	4	10.20	7.41	0.872	2.3	0.19	PP
4/3/2023	1756	NM	NM	5	10.22	7.40	0.873	0.0	0.00	PP
4/3/2023	1756	Collect sample **MW-7S** for TAL Metals.								
MW-8S										
4/3/2023	1601	27.96	8.36	0	12.22	6.98	1.07	1.5	4.78	PP
4/3/2023	1605	NM	NM	1	10.59	7.32	1.03	1.5	0.23	PP
4/3/2023	1608	NM	NM	2	10.01	7.45	1.03	1.6	6.55	PP
4/3/2023	1611	NM	NM	3	9.72	7.48	1.03	0.4	5.72	PP
4/3/2023	1614	NM	NM	4	9.59	7.48	1.04	0.0	5.66	PP
4/3/2023	1617	NM	NM	5	9.58	7.47	1.04	1.8	4.32	PP
4/3/2023	1619	Collect sample **MW-8S** for TAL Metals.								
MW-8D										
4/3/2023	1603	41.07	19.93	0	13.33	6.82	1.25	29.7	1.56	B
4/3/2023	1606	NM	NM	1.0	12.62	7.6	1.20	988	3.14	B
4/3/2023	1609	NM	NM	2.0	12.13	7.89	1.15	649	10.65	B
4/3/2023	1612	NM	NM	3.0	12.18	7.99	1.18	574	10.47	B
		Bailed well dry.								
4/4/2023	0727	NM	NM	0	12.98	8.01	1.19	31.5	1.87	B
4/4/2023	0727	Collect sample **MW-8D** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2023

Date	Time	BOW	DTW	Cum. Vol. Purged (gal)	Temp. (^{0}C)	pH (s.u.)	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Purging/ Sampling Method
MW-8R										
4/3/2023	1622	78.72	15.19	0	10.10	8.81	2.59	5	7.91	B
4/3/2023	1636	NM	NM	5.2	10.46	8.32	3.28	33.1	3.12	B
4/3/2023	1650	NM	NM	10.4	10.60	7.31	3.37	66.6	2.45	B
4/3/2023	1702	NM	NM	15.6	10.55	7.20	3.37	210.0	4.30	B
4/3/2023	1714	NM	NM	20.8	10.47	7.20	3.72	284.0	3.67	B
4/3/2023	1732	NM	NM	26.0	10.43	7.20	3.37	312.0	8.41	B
4/3/2023	1741	NM	NM	31.4	10.26	7.12	3.39	49.8	5.88	B
4/3/2023	1743	Collect sample **MW-8R** for TAL Metals.								

Notes:

BOW = Bottom of Well, feet below top of PVC well riser pipe.
DTW = Depth to Water, feet below top of PVC well riser pipe.
Cum. Vol. = Cumulative volume purged from well.
B =Dedicated Bailer.
PP =Peristaltic Pump.
EM =Equipment Malfunction.
NM =Not Measured
NA =Not Applicable
* Turbidity measured/recorded **after** sample collection using bailer; turbidity of sample aliquot may be significantly lower than that measured/recorded.

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: April 3, 2023

Weather Conditions: Partly Cloudy
Temperature: 50º F
Wind Direction: S

On-site Personnel: A. Gibson

Inspection Checklist - Site Features

Landfill Component	Acceptable	Not Acceptable	Comments
Cap System:			
General condition [1]	X		
Vegetative cover [2]	X		Small burrow on south side
Surface Water Drainage System:			
General condition of swales [3]	X		vegetation on north side
Vegetative cover [2]	X		
Culvert beneath railroad tracks [4]	X		
Access Roadway:			
General condition	X		
Access control gate	X		
General condition	X		
Operation/lock/chain	X		
Culvert [4]	X		
Access Control Fencing and Gate:			
General condition/alignment	X		Fence is in good condition.
Operation/lock/chain	X		
Adjacent Areas:			
General condition [1]	X		
Vegetative cover [2]	X		
Surface drainage [3]	X		Surface drainage appears satisfactory

Notes:

(1) Note areas of erosion, settlement, leachate breakthrough, and animal burrowing. Show on site sketch.

(2) Note bare areas and areas of unwanted intrusive vegetation. Show on site sketch.

(3) Note areas of ponding, erosion, sedimentation, and discoloration. Show on site sketch.

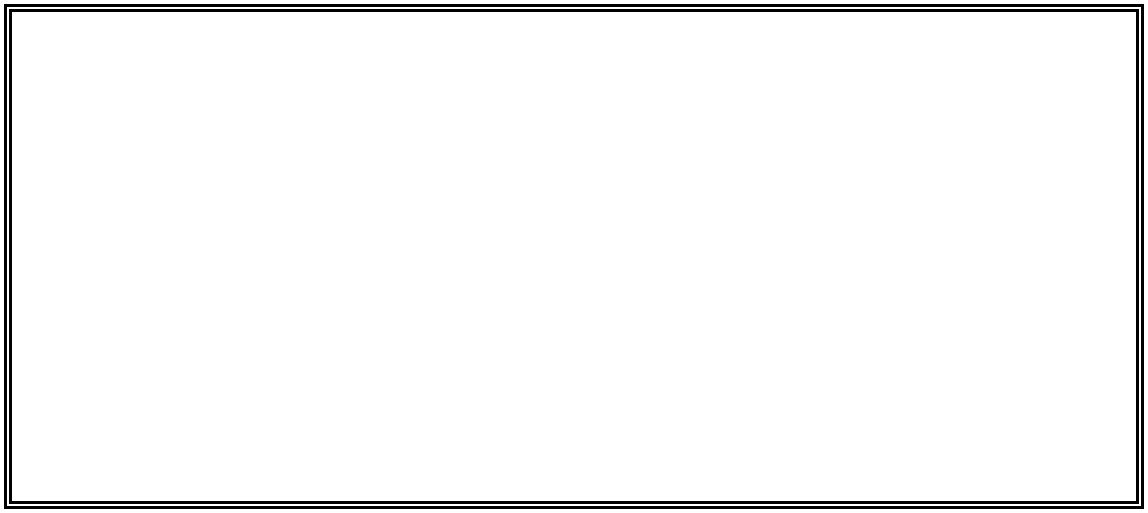
(4) Note damage, ponding, and erosion. Sketch if necessary.

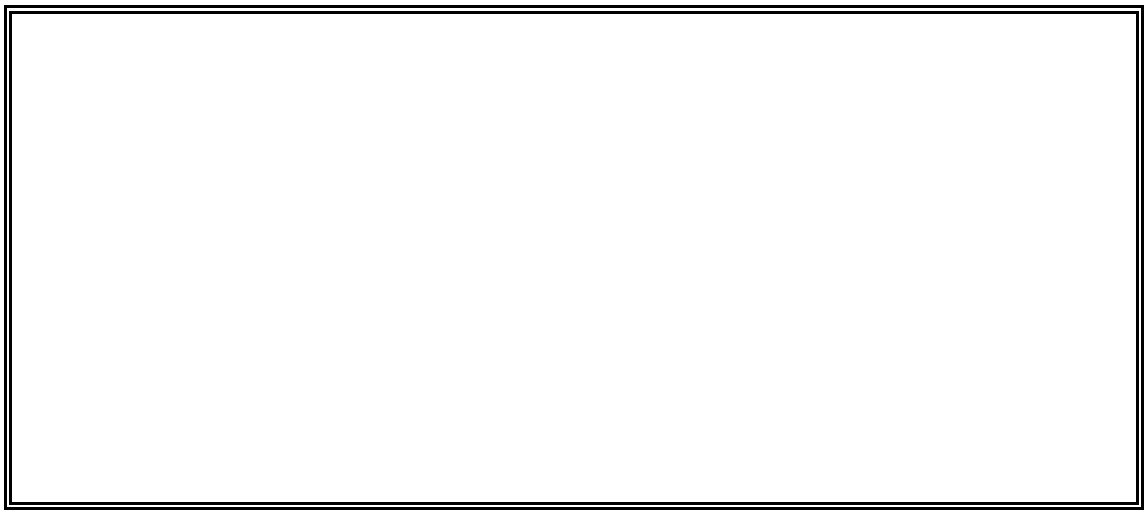
Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: April 3, 2023

Area	*Description*
1	Animal burrow

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: April 3, 2023

Additional Sketches and Comments





Comments: None.

Comments: None.

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: April 3, 2023

Inspection Checklist - Monitoring Features

Monitoring Wells:	MW-1S	MW-2S	MW-2D	MW-2R	MW-4S	MW-4D	MW-5S	MW-5D	MW-5R	MW-7S(*)	MW-8S	MW-8D	MW-8R
General condition/alignment (1)	A	A	A	A	A	A	A	A	A	A	A	A	A
Lock/Cap (1)	A	A	A	A	A	A	A	A	A	A	A	A	A
Depth to water (ft)	2.75	3.40	5.48	22.68	3.44	9.6	4.15	8.60	14.43	3.75	8.36	19.93	15.19
Time reading taken	1222	1246	1245	1244	1209	1210	1400	1359	1401	1409	1149	1148	1145
Piezometers:	P-1	P-2	P-4(3)	P-5(3)	P-6	P-7	P-8	P-9	P-10	P-11	P-12	P-13	
General condition/alignment (1)	A	A	-	-	A	A	A	A	A	A	A	A(5)	
Lock/Cap (1)	A(4,5)	A	-	-	A	A	A	A	A	A	A	A	
Condition of boot/strapping (1)	A	A	-	-	A	A	A	A	A	A	A	A	
Depth to water (ft)	NM	DRY	-	-	7.84	7.90	DRY	DRY	29.64	DRY	DRY	4.33	
Time reading taken	---	1217	-	-	1150	1154	1152	1218	1215	1207	1201	1158	
Leachate Collection Manhole:	MH												
General condition (1)	A												
Cover (1)	A												
Condition of boot/strapping (1)	A												
Depth to water (ft)	15.46												
Time reading taken	1336												
Gas Vents:	GV-1	GV-2	GV-3	GV-4	GV-5	GV-6	GV-7	GV-8	GV-9	GV-10	GV-11		
General condition/alignment (1)	A	A	A	A	A	A	A	A	A	A	A		
Condition of boot/strapping (1)	A	A	A	A	A	A	A	A	A	A	A		
Time													

Note (1): Respond to question as either Acceptable (A) or Not Acceptable (NA) for each respective location.

(2): Frost heave has elevated concrete collar. Not a sampling point so acceptable.

(3): P-4 and P-5 were decommissioned.

(4): Cap hinge broken

(5): PVC procasing damaged, needs repair

(*): In locked fence area

ANALYTICAL REPORT

Lab Number:	L2318184
Client:	Arcadis U.S, Inc. 855 Route 146, Suite 210 Clifton Park, NY 12065
ATTN:	Elias Moskal
Phone:	(518) 250-7300
Project Name:	GOULDS PUMPS, CLOSED LANDFILL
Project Number:	30085629
Report Date:	04/12/23

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629

Lab Number: L2318184
Report Date: 04/12/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2318184-01	MW-1S	WATER	SENECA FALLS, NY	04/04/23 08:56	04/06/23
L2318184-02	MW-2S	WATER	SENECA FALLS, NY	04/04/23 09:40	04/06/23
L2318184-03	MW-2D	WATER	SENECA FALLS, NY	04/05/23 07:18	04/06/23
L2318184-04	MW-2R	WATER	SENECA FALLS, NY	04/04/23 09:22	04/06/23
L2318184-05	MW-4S	WATER	SENECA FALLS, NY	04/03/23 16:59	04/06/23
L2318184-06	MW-4D	WATER	SENECA FALLS, NY	04/04/23 07:28	04/06/23
L2318184-07	MW-5S	WATER	SENECA FALLS, NY	04/04/23 10:26	04/06/23
L2318184-08	MW-5D	WATER	SENECA FALLS, NY	04/04/23 11:00	04/06/23
L2318184-09	MW-5R	WATER	SENECA FALLS, NY	04/04/23 11:06	04/06/23
L2318184-10	MW-7S	WATER	SENECA FALLS, NY	04/03/23 17:56	04/06/23
L2318184-11	MW-8S	WATER	SENECA FALLS, NY	04/03/23 16:19	04/06/23
L2318184-12	MW-8D	WATER	SENECA FALLS, NY	04/04/23 07:27	04/06/23
L2318184-13	MW-8R	WATER	SENECA FALLS, NY	04/03/23 17:43	04/06/23
L2318184-14	MANHOLE	WATER	SENECA FALLS, NY	04/03/23 16:29	04/06/23

Project Name:	GOULDS PUMPS, CLOSED LANDFILL	**Lab Number:**	L2318184
Project Number:	30085629	**Report Date:**	04/12/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	GOULDS PUMPS, CLOSED LANDFILL	**Lab Number:**	L2318184
Project Number:	30085629	**Report Date:**	04/12/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Ashaley Moynihan

Title: Technical Director/Representative Date: 04/12/23

METALS

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-01 Date Collected: 04/04/23 08:56

Client ID: MW-1S Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0379	J	mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Barium, Total	0.0356		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Calcium, Total	66.3		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Copper, Total	0.0030	J	mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Iron, Total	0.0504		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Magnesium, Total	115.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0108		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 09:51	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Potassium, Total	3.84		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Sodium, Total	25.7		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0022	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:18	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-02 Date Collected: 04/04/23 09:40

Client ID: MW-2S Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0424	J	mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Barium, Total	0.0555		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Calcium, Total	57.2		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Iron, Total	0.0401	J	mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Magnesium, Total	107.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0017	J	mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:01	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Potassium, Total	1.89	J	mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Sodium, Total	31.8		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:20	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-03 Date Collected: 04/05/23 07:18

Client ID: MW-2D Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.108		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Barium, Total	0.0390		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Calcium, Total	64.6		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Iron, Total	0.370		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Magnesium, Total	117.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Manganese, Total	0.102		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:25	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Potassium, Total	4.62		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Sodium, Total	42.8		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0047	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:23	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-04 Date Collected: 04/04/23 09:22

Client ID: MW-2R Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0521	J	mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Arsenic, Total	0.0165		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Barium, Total	0.0123		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Calcium, Total	228.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Iron, Total	1.70		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Magnesium, Total	92.7		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0419		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:28	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Potassium, Total	2.36	J	mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Sodium, Total	46.4		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0035	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:26	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-05 Date Collected: 04/03/23 16:59

Client ID: MW-4S Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Barium, Total	0.0234		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Calcium, Total	70.3		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Iron, Total	0.0746		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Magnesium, Total	146.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0352		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:31	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Potassium, Total	3.47		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Sodium, Total	49.2		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0039	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:28	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-06 Date Collected: 04/04/23 07:28

Client ID: MW-4D Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.268		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Barium, Total	0.0172		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Calcium, Total	148.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Copper, Total	0.0035	J	mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Iron, Total	0.389		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Magnesium, Total	313.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0386		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Mercury, Total	0.00009	J	mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:35	EPA 245.1	3,245.1	DMB
Nickel, Total	0.0073	J	mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Potassium, Total	6.94		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Sodium, Total	100.		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0076	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:31	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-07 Date Collected: 04/04/23 10:26

Client ID: MW-5S Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Barium, Total	0.0550		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Calcium, Total	153.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Copper, Total	0.0045	J	mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Iron, Total	0.0372	J	mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Magnesium, Total	270.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0067	J	mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Mercury, Total	0.00009	J	mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:38	EPA 245.1	3,245.1	DMB
Nickel, Total	0.0025	J	mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Potassium, Total	7.45		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Sodium, Total	482.		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:34	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-08 Date Collected: 04/04/23 11:00

Client ID: MW-5D Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0805	J	mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Arsenic, Total	0.0025	J	mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Barium, Total	0.0374		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Calcium, Total	156.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Iron, Total	0.143		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Magnesium, Total	136.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0200		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:41	EPA 245.1	3,245.1	DMB
Nickel, Total	0.0028	J	mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Potassium, Total	7.59		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Sodium, Total	216.		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0261	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 16:37	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-09 Date Collected: 04/04/23 11:06

Client ID: MW-5R Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.191		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Barium, Total	0.0216		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Calcium, Total	523.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Iron, Total	0.641		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Magnesium, Total	92.1		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0480		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:45	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Potassium, Total	6.13		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Sodium, Total	202.		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0061	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 17:05	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-10 Date Collected: 04/03/23 17:56

Client ID: MW-7S Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Barium, Total	0.0933		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Calcium, Total	102.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Iron, Total	0.793		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Magnesium, Total	46.3		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Manganese, Total	0.864		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:48	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Potassium, Total	2.22	J	mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Sodium, Total	29.4		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 17:08	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-11 Date Collected: 04/03/23 16:19

Client ID: MW-8S Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0873	J	mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Barium, Total	0.0530		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Calcium, Total	62.6		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Copper, Total	0.0056	J	mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Iron, Total	0.165		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Magnesium, Total	96.4		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0079	J	mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:51	EPA 245.1	3,245.1	DMB
Nickel, Total	0.0026	J	mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Potassium, Total	3.95		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Sodium, Total	32.5		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0037	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 17:11	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-12 Date Collected: 04/04/23 07:27

Client ID: MW-8D Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.158		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Barium, Total	0.0069	J	mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Calcium, Total	532.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Iron, Total	0.830		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Magnesium, Total	131.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Manganese, Total	0.0253		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 10:54	EPA 245.1	3,245.1	DMB
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Potassium, Total	7.38		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Sodium, Total	164.		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0030	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 17:14	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-13 Date Collected: 04/03/23 17:43

Client ID: MW-8R Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4.39		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Arsenic, Total	0.0047	J	mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Barium, Total	0.0334		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Calcium, Total	586.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Chromium, Total	0.0099	J	mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Cobalt, Total	0.0040	J	mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Copper, Total	0.0130		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Iron, Total	9.37		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Lead, Total	0.0065	J	mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Magnesium, Total	167.		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Manganese, Total	0.268		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 11:05	EPA 245.1	3,245.1	DMB
Nickel, Total	0.0111	J	mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Potassium, Total	7.98		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Sodium, Total	157.		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Vanadium, Total	0.0084	J	mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL
Zinc, Total	0.0277	J	mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 17:16	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

SAMPLE RESULTS

Lab ID: L2318184-14 Date Collected: 04/03/23 16:29

Client ID: MANHOLE Date Received: 04/06/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.54		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Antimony, Total	0.0159	J	mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Arsenic, Total	0.0145		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Barium, Total	0.170		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Calcium, Total	129.		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Chromium, Total	0.0062	J	mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Cobalt, Total	0.0044	J	mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Copper, Total	0.187		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Iron, Total	31.1		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Lead, Total	0.0611		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Magnesium, Total	75.6		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Manganese, Total	0.328		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 11:08	EPA 245.1	3,245.1	DMB
Nickel, Total	0.0294		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Potassium, Total	20.0		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Sodium, Total	30.7		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Vanadium, Total	0.0228		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL
Zinc, Total	0.221		mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 17:19	EPA 3005A	19,200.7	DHL

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1764808-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Antimony, Total	ND		mg/l	0.0500	0.0071	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Barium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Calcium, Total	ND		mg/l	0.100	0.0350	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Chromium, Total	ND		mg/l	0.0100	0.0021	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Copper, Total	ND		mg/l	0.0100	0.0022	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Iron, Total	ND		mg/l	0.0500	0.0090	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Lead, Total	ND		mg/l	0.0100	0.0027	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Magnesium, Total	ND		mg/l	0.100	0.0153	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Manganese, Total	ND		mg/l	0.0100	0.0016	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Nickel, Total	ND		mg/l	0.0250	0.0024	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Potassium, Total	ND		mg/l	2.50	0.237	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Selenium, Total	ND		mg/l	0.0100	0.0035	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Silver, Total	ND		mg/l	0.0070	0.0028	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Sodium, Total	ND		mg/l	2.00	0.120	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Thallium, Total	ND		mg/l	0.0200	0.0025	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL
Zinc, Total	ND		mg/l	0.0500	0.0021	1	04/10/23 23:45	04/11/23 15:27	19,200.7	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1764811-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/11/23 00:20	04/12/23 09:44	3,245.1	DMB

Project Name: GOULDS PUMPS, CLOSED LANDFILL **Lab Number:** L2318184

Project Number: 30085629 **Report Date:** 04/12/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL

Project Number: 30085629

Lab Number: L2318184

Report Date: 04/12/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1764808-2								
Aluminum, Total	110		-		85-115	-		
Antimony, Total	107		-		85-115	-		
Arsenic, Total	108		-		85-115	-		
Barium, Total	105		-		85-115	-		
Beryllium, Total	107		-		85-115	-		
Cadmium, Total	104		-		85-115	-		
Calcium, Total	106		-		85-115	-		
Chromium, Total	102		-		85-115	-		
Cobalt, Total	104		-		85-115	-		
Copper, Total	105		-		85-115	-		
Iron, Total	106		-		85-115	-		
Lead, Total	103		-		85-115	-		
Magnesium, Total	107		-		85-115	-		
Manganese, Total	102		-		85-115	-		
Nickel, Total	100		-		85-115	-		
Potassium, Total	106		-		85-115	-		
Selenium, Total	113		-		85-115	-		
Silver, Total	105		-		85-115	-		
Sodium, Total	110		-		85-115	-		
Thallium, Total	103		-		85-115	-		
Vanadium, Total	105		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL

Project Number: 30085629

Lab Number: L2318184

Report Date: 04/12/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1764808-2					
Zinc, Total	102	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1764811-2					
Mercury, Total	104	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629
Lab Number: L2318184
Report Date: 04/12/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764808-3 QC Sample: L2317787-03 Client ID: MS Sample												
Aluminum, Total	0.177	2	2.41	112		-	-		75-125	-		20
Antimony, Total	0.007J	0.5	0.622	124		-	-		75-125	-		20
Arsenic, Total	0.0268	0.12	0.186	**133**	Q	-	-		75-125	-		20
Barium, Total	0.376	2	2.46	104		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0524	105		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0519	98		-	-		75-125	-		20
Calcium, Total	247	10	250	**30**	Q	-	-		75-125	-		20
Chromium, Total	0.0649	0.2	0.264	100		-	-		75-125	-		20
Cobalt, Total	0.014J	0.5	0.494	99		-	-		75-125	-		20
Copper, Total	0.0238	0.25	0.302	111		-	-		75-125	-		20
Iron, Total	3.85	1	4.73	88		-	-		75-125	-		20
Lead, Total	ND	0.53	0.540	102		-	-		75-125	-		20
Magnesium, Total	141	10	148	**70**	Q	-	-		75-125	-		20
Manganese, Total	1.23	0.5	1.68	90		-	-		75-125	-		20
Nickel, Total	0.0690	0.5	0.525	91		-	-		75-125	-		20
Potassium, Total	453	10	453	**0**	Q	-	-		75-125	-		20
Selenium, Total	ND	0.12	0.164	**137**	Q	-	-		75-125	-		20
Silver, Total	ND	0.05	0.0593	119		-	-		75-125	-		20
Sodium, Total	963	10	953	**0**	Q	-	-		75-125	-		20
Thallium, Total	ND	0.12	0.115	96		-	-		75-125	-		20
Vanadium, Total	0.009J	0.5	0.533	107		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629

Lab Number: L2318184
Report Date: 04/12/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764808-3 QC Sample: L2317787-03 Client ID: MS Sample									
Zinc, Total	0.0796	0.5	0.558	96	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629
Lab Number: L2318184
Report Date: 04/12/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764808-7 QC Sample: L2318001-01 Client ID: MS Sample									
Aluminum, Total	0.525	2	2.84	116	-	-	75-125	-	20
Antimony, Total	0.010J	0.5	0.539	108	-	-	75-125	-	20
Arsenic, Total	0.0781	0.12	0.213	112	-	-	75-125	-	20
Barium, Total	0.462	2	2.58	106	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0540	108	-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.0537	101	-	-	75-125	-	20
Calcium, Total	4.70	10	15.1	104	-	-	75-125	-	20
Chromium, Total	0.0056J	0.2	0.206	103	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.512	102	-	-	75-125	-	20
Copper, Total	0.0743	0.25	0.347	109	-	-	75-125	-	20
Iron, Total	3.20	1	4.45	125	-	-	75-125	-	20
Lead, Total	0.0069J	0.53	0.541	102	-	-	75-125	-	20
Magnesium, Total	1.61	10	12.0	104	-	-	75-125	-	20
Manganese, Total	0.079	0.5	0.598	104	-	-	75-125	-	20
Nickel, Total	0.0058J	0.5	0.492	98	-	-	75-125	-	20
Potassium, Total	8.38	10	19.2	108	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.131	109	-	-	75-125	-	20
Silver, Total	ND	0.05	0.0512	102	-	-	75-125	-	20
Sodium, Total	18.7	10	30.1	114	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.122	102	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.521	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629
Lab Number: L2318184
Report Date: 04/12/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764808-7 QC Sample: L2318001-01 Client ID: MS Sample									
Zinc, Total	0.0494J	0.5	0.542	108	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764811-3 QC Sample: L2318184-01 Client ID: MW-1S									
Mercury, Total	ND	0.005	0.00490	98	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764811-5 QC Sample: L2318184-02 Client ID: MW-2S									
Mercury, Total	ND	0.005	0.00476	95	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629

Lab Number: L2318184
Report Date: 04/12/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764808-4 QC Sample: L2317787-03 Client ID: DUP Sample						
Arsenic, Total	0.0268	0.0299	mg/l	11		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.0649	0.0693	mg/l	7		20
Copper, Total	0.0238	0.0247	mg/l	4		20
Lead, Total	ND	ND	mg/l	NC		20
Nickel, Total	0.0690	0.0694	mg/l	1		20
Selenium, Total	ND	0.0037J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.0796	0.0805	mg/l	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764808-8 QC Sample: L2318001-01 Client ID: DUP Sample						
Arsenic, Total	0.0781	0.0829	mg/l	6		20
Cadmium, Total	ND	ND	mg/l	NC		20
Chromium, Total	0.0056J	0.0053J	mg/l	NC		20
Copper, Total	0.0743	0.0758	mg/l	2		20
Lead, Total	0.0069J	0.0075J	mg/l	NC		20
Nickel, Total	0.0058J	0.0061J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Zinc, Total	0.0494J	0.0505	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GOULDS PUMPS, CLOSED LANDFILL

Project Number: 30085629

Lab Number: L2318184

Report Date: 04/12/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764811-4 QC Sample: L2318184-01 Client ID: MW-1S					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1764811-6 QC Sample: L2318184-02 Client ID: MW-2S					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629

Lab Number: L2318184
Report Date: 04/12/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2318184-01A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),K-UI(180),CO-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),NA-UI(180),CR-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),AS-UI(180),V-UI(180),TL-UI(180),CU-UI(180),PB-UI(180)
L2318184-02A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),CO-UI(180),K-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),AL-UI(180),BE-UI(180),MN-UI(180),CR-UI(180),NA-UI(180),V-UI(180),CU-UI(180),TL-UI(180),PB-UI(180),AS-UI(180)
L2318184-03A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),CO-UI(180),K-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),NA-UI(180),BE-UI(180),TL-UI(180),AS-UI(180),PB-UI(180),CU-UI(180),V-UI(180)
L2318184-04A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),K-UI(180),CO-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),BE-UI(180),AL-UI(180),NA-UI(180),CR-UI(180),MN-UI(180),V-UI(180),CU-UI(180),TL-UI(180),PB-UI(180),AS-UI(180)
L2318184-05A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),CO-UI(180),K-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),NA-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),TL-UI(180),PB-UI(180),AS-UI(180),CU-UI(180),V-UI(180)

*Values in parentheses indicate holding time in days

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629

Lab Number: L2318184
Report Date: 04/12/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2318184-06A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),CR-UI(180),MN-UI(180),CU-UI(180),PB-UI(180),AS-UI(180),V-UI(180),TL-UI(180)
L2318184-07A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),K-UI(180),CO-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),BE-UI(180),NA-UI(180),V-UI(180),TL-UI(180),CU-UI(180),AS-UI(180),PB-UI(180)
L2318184-08A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),NA-UI(180),BE-UI(180),MN-UI(180),CR-UI(180),AL-UI(180),CU-UI(180),TL-UI(180),V-UI(180),PB-UI(180),AS-UI(180)
L2318184-09A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),CO-UI(180),K-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),BE-UI(180),NA-UI(180),MN-UI(180),AL-UI(180),V-UI(180),AS-UI(180),PB-UI(180),TL-UI(180),CU-UI(180)
L2318184-10A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		SB-UI(180),NI-UI(180),BA-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),K-UI(180),CO-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),NA-UI(180),AL-UI(180),MN-UI(180),PB-UI(180),AS-UI(180),CU-UI(180),V-UI(180),TL-UI(180)
L2318184-11A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),BE-UI(180),CR-UI(180),AL-UI(180),NA-UI(180),AS-UI(180),TL-UI(180),CU-UI(180),PB-UI(180),V-UI(180)
L2318184-12A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),MN-UI(180),AL-UI(180),NA-UI(180),AS-UI(180),V-UI(180),CU-UI(180),TL-UI(180),PB-UI(180)

*Values in parentheses indicate holding time in days

Project Name: GOULDS PUMPS, CLOSED LANDFILL
Project Number: 30085629

Lab Number: L2318184
Report Date: 04/12/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2318184-13A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),CO-UI(180),K-UI(180),SE-UI(180),MG-UI(180),FE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),CR-UI(180),NA-UI(180),BE-UI(180),AL-UI(180),CU-UI(180),TL-UI(180),AS-UI(180),V-UI(180),PB-UI(180)
L2318184-14A	Plastic 250ml HNO3 preserved	A	<2	<2	4.2	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),CO-UI(180),K-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),CU-UI(180),TL-UI(180),AS-UI(180),PB-UI(180),V-UI(180)

*Values in parentheses indicate holding time in days

Project Name:	GOULDS PUMPS, CLOSED LANDFILL	**Lab Number:**	L2318184
Project Number:	30085629	**Report Date:**	04/12/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GOULDS PUMPS, CLOSED LANDFILL	**Lab Number:**	L2318184
Project Number:	30085629	**Report Date:**	04/12/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	GOULDS PUMPS, CLOSED LANDFILL	**Lab Number:**	L2318184
Project Number:	30085629	**Report Date:**	04/12/23

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	GOULDS PUMPS, CLOSED LANDFILL	**Lab Number:**	L2318184
Project Number:	30085629	**Report Date:**	04/12/23

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 4/7/23

ALPHA Job #: L2318184

Client Information
Client: Arcadis
Address: 855 Route 146, Suite 210
Clifton Park, NY, 12065
Phone: (518) 250-7300
Fax:
Email: Elias.Moskal@arcadis.com

Project Information
Project Name: Goulds Pumps, Closed Landfill
Project Location: Seneca Falls, NY
Project #: 30085629
(Use Project name as Project #)
Project Manager: Elias Moskal
ALPHAQuote #:

Turn-Around Time
Standard: [X] Due Date:
Rush (only if pre approved): [ ] # of Days:

Deliverables
[ ] ASP-A [X] ASP-B
[X] EQuIS (1 File) [ ] EQuIS (4 File)
[X] Other

Regulatory Requirement
[ ] NY TOGS [ ] NY Part 375
[ ] AWQ Standards [ ] NY CP-51
[ ] NY Restricted Use [X] Other
[ ] NY Unrestricted Use
[ ] NYC Sewer Discharge

Billing Information
[ ] Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
[ ] NJ [ ] NY
[ ] Other:

These samples have been previously analyzed by Alpha [ ]

Other project specific requirements/comments:

Please analyze and report in the same way as April 2017

Please specify Metals or TAL. TAL Metals

ANALYSIS

Sample Filtration
[ ] Done
[ ] Lab to do
Preservation
[ ] Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Hg Total Metals	Sample Specific Comments	Total Bottle
18184-01	MW-1S	4/4/23	0856	W	AG	1		1
-02	MW-2S	4/4/23	0940	W	AG	1		1
-03	MW-2D	4/5/23	0718	W	AG	1		1
-04	MW-2R	4/4/23	0922	W	GE	1		1
-05	MW-4S	4/3/23	1659	W	AG	1		1
-06	MW-4D	4/4/23	0728	W	AG	1		1
-07	MW-5S	4/4/23	1026	W	GE	1		1
-08	MW-5D	4/4/23	1100	W	GE	1		1
-09	MW-5R	4/4/23	1106	W	AG	1		1
-10	MW-7S	4/3/23	1756	W	AG	1		1
					Container Type	P		
					Preservative	C		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Ashley Gibson/Arcadis	4/6/23 0940	Jeff Mayol AAL	4/6/23 1252
Jeff Mayol AAL	4/6/23 12:52		4/7/23 0830

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 4/7/23

ALPHA Job #: L2318184

Project Information

Project Name: Goulds Pumps, Closed Landfill
Project Location:
Project #: 30085629
(Use Project name as Project #) ☐
Project Manager: Elias Moskal
ALPHAQuote #:

Client Information

Client: Arcadis
Address: 855 Route 146, Suite 210
Clifton Park, NY, 12065
Phone: (518) 250-7300
Fax:
Email: Elias.moskal@arcadis.com

Turn-Around Time

Standard ☒
Rush (only if pre approved) ☐
Due Date:
# of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☒ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please analyze and report in the same way as April 2017

Please specify Metals or TAL. TAL Metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: Total Hg, Total Metals								Sample Specific Comments	Total Bottles
18184-11	MW-8S	4/3/23	1619	W	GE	1									1
-12	MW-8D	4/4/23	0727	W	GE	1									1
-13	MW-8R	4/3/23	1743	W	GE	1									1
-14	Manhole	4/3/23	1629	W	AG	1									1

Container Type	P							
Preservative	C							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Gibson / Arcadis	4/6/23 / 0940	Jeff Mozeola AAL	4/6/23 12:52
Jeff Mozeola AAL	4/6/23 12:52		4/7/23 0050

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Arcadis of New York, Inc.
201 Fuller Road
Suite 201
Albany
New York 12203
Tel 518 250 7300
www.arcadis.com

Ms. Charlotte Theobald
New York State Department of Environmental Conservation – Region 8
6274 East Avon-Lima Road
Avon, New York 14414

Subject: Third Quarter 2023 Post-Closure Monitoring and Maintenance Event
Goulds Pumps, Inc.
Site No. 850002 – Class 3 Closed Landfill
Seneca Falls, NY 13148

Date:
May 2, 2024

Contact:
Elias J. Moskal

Phone:
518.250.7333

Our ref:
30178077

Dear Ms. Theobald:

On September 25, 2023, Arcadis personnel conducted the third quarter 2023 Quarterly, Post-Closure Monitoring and Maintenance Event for the closed landfill adjacent to the Goulds Pumps Administration Inc. (Goulds Pumps) facility located at 240 Fall Street, Seneca Falls, NY (Site).

The New York State Department of Environmental Conservation (NYSDEC) approved Post-Closure Monitoring and Maintenance Plan (PCMMP) calls for the closed landfill to be inspected on a quarterly basis, as well as following significant storm events greater than 3.2 inches of rainfall in a 24-hour period. Additionally, groundwater sampling is to occur semi-annually. In 2010, the NYSDEC approved a modification request to eliminate the first quarter PCMMP monitoring and maintenance events. Beginning in 2011, PCMMP monitoring, and maintenance events have been conducted in second, third and fourth quarters.

Groundwater sampling was not conducted during this monitoring and maintenance event but will be sampled during the fourth quarter 2023 monitoring and maintenance event. Groundwater sampling at the Site occurs during the second and fourth quarters each year. The third quarter 2023 inspection checklists completed during the monitoring and maintenance event are included in Attachment 1. The closed landfill continues to function as designed. The results of the third quarter 2023 monitoring and maintenance event are summarized below.

CAP SYSTEM

The cap system on the closed landfill continues to function as designed and appears to be in good condition. Vegetation on the cap was well established during the inspection. In accordance with the PCMMP, the cap, perimeter drainage swales, and adjacent areas are regularly mowed to promote a healthy stand of vegetative growth across the cap system and reduce unwanted vegetation. The observed grass height

on the cap during this event was consistent with the historical grass height; a height of approximately six to twelve inches.

SURFACE WATER DRAINAGE

The Site drainage system is regularly inspected for areas of erosion, ponding, and excessive vegetative growth. There were no areas of concern observed during the inspection, and the overall drainage system is acceptable and performing as designed. The perimeter drainage swales utilize a series of rock check dams to reduce the potential for erosion during periods of higher flow at the Site. These check dams are maintained regularly. Vegetation in the drainage swale is cut regularly to reduce the likelihood of woody growth within the drainage swale. The culvert beneath the railroad tracks was observed and showed no indication of sedimentation, ponding, or damage.

ACCESS ROADWAY, GATES, AND FENCING

The access roadway was inspected and there were no indications of erosion, ponding, or damage to the culverts beneath the roadway. Additionally, the gates and fencing are in good condition and provide access control in accordance with the PCMMP. A lock and chain across the access roadway adjacent to Black Brook Road are in place at the Site. The facility and the landfill are under 24-hour video surveillance.

ADJACENT AREAS

Adjacent areas were inspected and appear in good condition. Vegetative cover is established, and at the time of the inspection drainage appears satisfactory. Access to off-cap monitoring wells in the vegetated areas north and west of the closed landfill is facilitated by brush-hogged laneways. It is likely that routine brush-hogging will be needed in 2024 to maintain these laneways.

MONITORING WELLS AND PIEZOMETERS

Overall, the condition of the Site monitoring wells and piezometers is acceptable, and piezometers associated with the landfill are easily located. No urgent maintenance items were observed at the time of the inspection. Some locks are changed on an as-needed basis as occasionally some begin to rust.

Regularly brush-hogged pathways provide access to the off-cap area adjacent to the MW-2 and MW-4 clusters as well as MW-1S. These clusters are immediately north and northwest of the closed landfill. Routine brush-hogging may be needed in 2024.

GROUNDWATER MONITORING WELL AND LEACHATE MANHOLE SAMPLING

No groundwater or leachate samples are required to be collected during the third quarter event. In general, groundwater and leachate sampling occur at the landfill during the second and fourth quarter monitoring and maintenance events.

WATER LEVELS AND HYDRAULIC GRADIENTS

Water levels were measured at monitoring wells, piezometers and the leachate collection manhole located at the southern end of the landfill. Water level measurements are shown in Table 1. In general, water levels recorded during the third quarter event fall within the range of historical values at the Site. Potentiometric maps for the Site are prepared for the second and fourth quarter monitoring reports with the fourth quarter potentiometric maps for shallow and rock zones being included in the 2023 Annual Post Closure Monitoring and Periodic Review Report.

If you have any questions or comments regarding the monitoring event results, please do not hesitate to call Jeff Stanek at (949) 562-7401.

Very truly yours,

Arcadis of New York, Inc.

Matthew C Yonkin, PE, BCEE, CEM
Vice President

I certify that I have reviewed the Third Quarter 2022 Post-Closure Inspection and Monitoring Event Report dated May 2, 2024 and that the document meets the requirements of the *Post Closure Monitoring and Maintenance Plan* (PCMMP) dated December 1997 and approved by the NYSDEC on December 29, 1997. This report also conforms to applicable state, federal, and local regulations, generally accepted practices in the environmental profession and Arcadis standards.

Tables and Attachments:

Table 1 – Post-Closure Groundwater Monitoring Summary of Groundwater Levels
Attachment 1 – Post-Closure Quarterly Inspection Form and Checklist

c: Jeff Stanek - ITT

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	MW-1S		MW-2S		MW-2D		MW-2R		MW-4S		MW-4D	
Protective Casing Elevation	472.77		471.51		471.68		471.38		462.76		462.26	
Measuring Point Elevation	472.45		471.37		471.34		471.06		462.61		462.11	
Ground Elevation	470.21		468.87		468.94		469.35		460.03		459.85	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	2.92	469.53	3.33	468.04	3.11	468.23	23.70	447.36	3.65	458.96	8.17	453.94
Second Quarter '09	3.56	468.89	4.33	467.04	4.16	467.18	23.44	447.62	3.92	458.69	8.13	453.98
Third Quarter '09	6.87	465.58	7.01	464.36	6.72	464.62	24.62	446.44	5.52	457.09	9.48	452.63
Fourth Quarter '09	3.13	469.32	4.04	467.33	3.82	467.52	25.38	445.68	3.74	458.87	9.28	452.83
First Quarter '10	3.29	469.16	4.17	467.20	3.95	467.39	24.33	446.73	3.96	458.65	8.79	453.32
Second Quarter '10	2.86	469.59	3.14	468.23	2.90	468.44	23.26	447.80	3.48	459.13	8.04	454.07
Third Quarter '10	9.18	463.27	8.53	462.84	8.26	463.08	25.23	445.83	6.11	456.50	10.26	451.85
Fourth Quarter '10	2.99	469.46	3.64	467.73	3.43	467.91	23.63	447.43	3.63	458.98	8.07	454.04
Second Quarter '11	6.27	466.18	6.79	464.58	6.51	464.83	22.75	448.31	5.44	457.17	8.88	453.23
Third Quarter '11	8.91	463.54	7.31	464.06	6.95	464.39	24.89	446.17	5.52	457.09	9.96	452.15
Fourth Quarter '11	3.05	469.40	3.81	467.56	3.61	467.73	23.63	447.43	3.88	458.73	8.28	453.83
Second Quarter '12	6.21	466.24	6.45	464.92	6.17	465.17	23.73	447.33	5.19	457.42	8.92	453.19
Third Quarter '12	12.96	459.49	11.48	459.89	11.19	460.15	26.25	444.81	6.85	455.76	13.30	448.81
Fourth Quarter '12	12.12	460.33	8.41	462.96	5.43	465.91	26.89	444.17	4.30	458.31	10.70	451.41
Second Quarter '13	4.35	468.10	4.79	466.58	4.49	466.85	24.17	446.89	4.65	457.96	8.41	453.70
Third Quarter '13	5.61	466.84	5.63	465.74	5.35	465.99	23.77	447.29	5.34	457.27	9.08	453.03
Fourth Quarter '13	3.65	468.80	3.99	467.38	3.79	467.55	24.62	446.44	4.34	458.27	8.95	453.16
Second Quarter '14	4.18	468.27	4.81	466.56	4.79	466.55	23.25	447.81	4.73	457.88	8.75	453.36
Third Quarter '14	6.71	465.74	5.89	465.48	5.57	465.77	23.83	447.23	5.63	456.98	9.34	452.77
Fourth Quarter '14	3.09	469.36	3.43	467.94	3.19	468.15	24.69	446.37	3.66	458.95	8.94	453.17
Second Quarter '15	4.73	467.72	5.20	466.17	4.93	466.41	23.30	447.76	4.82	457.79	8.24	453.87
Third Quarter '15	7.57	464.88	7.49	463.88	7.19	464.15	23.36	447.70	6.30	456.31	9.83	452.28
Fourth Quarter '15	3.30	469.15	4.65	466.72	4.40	466.94	24.33	446.73	3.97	458.64	8.73	453.38
Second Quarter '16	3.22	469.23	4.00	467.37	7.22	464.12	23.45	447.61	3.76	458.85	8.23	453.88
Third Quarter '16	13.97	458.48	11.96	459.41	11.65	459.69	26.84	444.22	6.82	455.79	11.63	450.48
Fourth Quarter '16	3.05	469.40	4.12	467.25	4.27	467.07	25.25	445.81	3.72	458.89	9.01	453.10
Second Quarter '17	2.55	469.90	2.86	468.51	2.67	468.67	22.47	448.59	3.30	459.31	7.63	454.48
Third Quarter '17	7.25	465.20	6.20	465.17	5.91	465.43	23.39	447.67	5.60	457.01	9.14	452.97
Fourth Quarter '17	3.18	469.27	3.83	467.54	7.08	464.26	23.92	447.14	3.91	458.70	10.20	451.91
Second Quarter '18	2.88	469.57	3.08	468.29	4.47	466.87	23.40	447.66	3.58	459.03	10.41	451.70
Third Quarter '18	8.42	464.03	6.31	465.06	6.00	465.34	25.42	445.64	5.52	457.09	9.93	452.18
Fourth Quarter '18	3.04	469.41	3.30	468.07	4.61	466.73	23.58	447.48	3.78	458.83	10.94	451.17
Second Quarter '19	2.78	469.67	2.85	468.52	2.64	468.70	22.37	448.69	3.30	459.31	7.74	454.37
Third Quarter '19	9.64	462.81	7.60	463.77	7.42	463.92	24.37	446.69	6.44	456.17	9.97	452.14
Fourth Quarter '19	2.94	469.51	3.50	467.87	4.82	466.52	23.92	447.14	3.46	459.15	10.06	452.05
Second Quarter '20	2.83	469.62	2.96	468.41	4.30	467.04	22.95	448.11	3.23	459.38	9.19	452.92
Third Quarter '20	12.61	459.84	10.41	460.96	10.17	461.17	25.66	445.40	7.31	455.30	11.23	450.88
Fourth Quarter '20	13.81	458.64	9.50	461.87	10.61	460.73	26.34	444.72	6.17	456.44	12.60	449.51
Second Quarter '21	2.90	469.55	3.56	467.81	4.86	466.48	24.31	446.75	3.72	458.89	9.02	453.09
Third Quarter '21	4.24	468.21	5.59	465.78	5.38	465.96	24.03	447.03	4.33	458.28	9.01	453.10
Fourth Quarter '21	2.88	469.57	3.13	468.24	4.49	466.85	22.36	448.70	3.52	459.09	9.12	452.99
Second Quarter '22	2.84	469.61	3.01	468.36	4.48	466.86	21.54	449.52	3.50	459.11	9.24	452.87
Third Quarter '23	11.70	460.75	9.13	462.24	8.82	462.52	24.81	446.25	5.85	456.76	10.21	451.90
Fourth Quarter '22	7.28	465.17	5.68	465.69	7.28	464.06	25.67	445.39	3.85	458.76	10.86	451.25
Second Quarter '23	2.75	469.70	3.40	467.97	5.48	465.86	22.68	448.38	3.44	459.17	9.60	452.51
Third Quarter '23	11.51	460.94	9.09	462.28	8.96	462.38	24.49	446.57	5.25	457.36	9.52	452.59
Change Since Previous Event	(8.76)		(5.69)		(3.48)		(1.81)		(1.81)		0.08	

NM - Not Measured

DRY - Well or piezometer was dry

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	MW-5S		MW-5D		MW-5R		MW-7S		MW-8S		MW-8D		MW-8R	
Protective Casing Elevation	466.12		466.07		465.08		472.03		460.90		460.98		460.01	
Measuring Point Elevation	465.94		465.92		464.74		471.89		460.85		460.87		459.88	
Ground Elevation	463.54		463.55		463.46		470.98		458.44		458.42		458.20	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	5.82	460.12	11.86	454.06	18.37	446.37	4.68	467.21	7.78	453.07	19.07	441.80	15.52	444.36
Second Quarter '09	6.42	459.52	11.86	454.06	18.09	446.65	5.34	466.55	8.23	452.62	18.88	441.99	15.34	444.54
Third Quarter '09	6.45	459.49	12.34	453.58	19.03	445.71	NM	NM	8.51	452.34	16.46	444.41	16.14	443.74
Fourth Quarter '09	6.03	459.91	12.44	453.48	19.99	444.75	4.06	467.83	8.17	452.68	19.97	440.90	17.05	442.83
First Quarter '10	6.29	459.65	12.78	453.14	19.02	445.72	4.52	467.37	8.10	452.75	19.47	441.40	16.12	443.76
Second Quarter '10	6.05	459.89	11.67	454.25	17.87	446.87	3.71	468.18	7.93	452.92	18.70	442.17	15.07	444.81
Third Quarter '10	6.74	459.20	12.77	453.15	19.46	445.28	2.27	469.62	9.18	451.67	23.40	437.47	16.34	443.54
Fourth Quarter '10	5.58	460.36	11.79	454.13	18.22	446.52	3.44	468.45	7.84	453.01	18.78	442.09	15.23	444.65
Second Quarter '11	6.60	459.34	12.01	453.91	17.41	447.33	3.93	467.96	8.41	452.44	18.44	442.43	14.59	445.29
Third Quarter '11	6.12	459.82	12.52	453.40	19.34	445.40	3.74	468.15	8.74	452.11	19.63	441.24	16.22	443.66
Fourth Quarter '11	6.10	459.84	11.97	453.95	18.22	446.52	3.92	467.97	7.89	452.96	18.73	442.14	15.27	444.61
Second Quarter '12	6.91	459.03	12.39	453.53	18.08	446.66	3.77	468.12	8.53	452.32	18.65	442.22	15.26	444.62
Third Quarter '12	9.25	456.69	14.38	451.54	27.90	436.84	4.87	467.02	10.95	449.90	24.41	436.46	17.66	442.22
Fourth Quarter '12	6.39	459.55	13.33	452.59	21.38	443.36	4.00	467.89	9.21	451.64	24.43	436.44	18.20	441.68
Second Quarter '13	6.39	459.55	12.36	453.56	18.76	445.98	3.86	468.03	8.44	452.41	19.05	441.82	15.74	444.14
Third Quarter '13	3.73	459.25	9.80	453.06	17.70	445.44	4.13	467.76	8.41	452.44	18.93	441.94	15.19	444.69
Fourth Quarter '13	NM	----	NM	----	NM	----	4.53	467.36	7.46	453.39	19.32	441.55	16.23	443.65
Second Quarter '14	4.30	458.68	9.00	453.86	14.91	448.23	4.21	467.68	8.62	452.23	18.81	442.06	15.11	444.77
Third Quarter '14	4.86	458.12	9.39	453.47	15.43	447.71	4.51	467.38	8.83	452.02	19.31	441.56	15.56	444.32
Fourth Quarter '14	4.99	457.99	9.75	453.11	16.32	446.82	4.40	467.49	8.84	452.01	19.62	441.25	16.39	443.49
Second Quarter '15	4.81	458.17	9.56	453.30	15.13	448.01	4.52	467.37	9.00	451.85	18.78	442.09	15.15	444.73
Third Quarter '15	4.53	458.45	9.57	453.29	15.31	447.83	4.59	467.30	9.14	451.71	18.89	441.98	15.15	444.73
Fourth Quarter '15	5.02	457.96	9.53	453.33	16.00	447.14	4.51	467.38	8.81	452.04	19.30	441.57	16.02	443.86
Second Quarter '16	4.96	458.02	9.85	453.01	15.29	447.85	4.40	467.49	8.90	451.95	18.90	441.97	17.00	442.88
Third Quarter '16	5.15	457.83	10.52	452.34	18.49	444.65	4.48	467.41	9.62	451.23	21.33	439.54	18.33	441.55
Fourth Quarter '16	4.56	458.42	10.01	452.85	17.10	446.04	4.04	467.85	8.42	452.43	19.68	441.19	16.59	443.29
Second Quarter '17	4.32	458.66	9.45	453.41	14.35	448.79	2.90	468.99	8.30	452.55	18.24	442.63	14.32	445.56
Third Quarter '17	5.01	457.97	9.36	453.50	15.13	448.01	4.64	467.25	9.13	451.72	18.79	442.08	15.11	444.77
Fourth Quarter '17	5.22	457.76	9.59	453.27	15.42	447.72	4.59	467.30	8.75	452.10	22.41	438.46	15.50	444.38
Second Quarter '18	4.79	458.19	9.25	453.61	14.80	448.34	4.23	467.66	8.59	452.26	21.32	439.55	16.68	443.20
Third Quarter '18	5.05	457.93	9.89	452.97	17.08	446.06	4.38	467.51	9.01	451.84	19.92	440.95	16.88	443.00
Fourth Quarter '18	4.74	458.24	9.24	453.62	15.51	447.63	4.25	467.64	9.01	451.84	20.48	440.39	15.82	444.06
Second Quarter '19	4.38	458.60	8.66	454.20	14.28	448.86	4.20	467.69	8.60	452.25	18.20	442.67	14.28	445.60
Third Quarter '19	5.29	457.69	9.59	453.27	15.87	447.27	4.81	467.08	9.30	451.55	19.52	441.35	15.91	443.97
Fourth Quarter '19	4.51	458.47	11.56	451.30	16.04	447.10	4.10	467.79	8.56	452.29	21.23	439.64	15.58	444.30
Second Quarter '20	4.11	458.87	9.84	453.02	14.94	448.20	3.86	468.03	8.49	452.36	20.64	440.23	14.84	445.04
Third Quarter '20	5.31	457.67	10.06	452.80	17.10	446.04	4.86	467.03	9.58	451.27	20.26	440.61	17.04	442.84
Fourth Quarter '20	5.16	457.82	10.11	452.75	17.79	445.35	4.70	467.19	9.03	451.82	22.28	438.59	18.57	441.31
Second Quarter '21	4.53	458.45	9.64	453.22	16.10	447.04	4.26	467.63	8.61	452.24	20.20	440.67	16.42	443.46
Third Quarter '21	4.90	458.08	9.51	453.35	15.61	447.53	4.17	467.72	8.71	452.14	19.76	441.11	15.75	444.13
Fourth Quarter '21	4.55	458.43	8.82	454.04	13.82	449.32	4.60	467.29	8.74	452.11	19.66	441.21	17.24	442.64
Second Quarter '22	4.54	458.44	8.64	454.22	13.54	449.60	4.04	467.85	8.56	452.29	19.35	441.52	14.27	445.61
Third Quarter '23	5.09	457.89	6.86	456.12	16.49	446.37	NM	---	9.17	451.68	19.77	441.10	16.45	443.43
Fourth Quarter '22	4.74	458.24	8.55	454.31	16.99	446.15	4.40	467.49	8.77	452.08	22.91	437.96	17.80	442.08
Second Quarter '23	4.15	458.83	8.60	454.26	14.43	448.71	3.75	468.14	8.36	452.49	19.93	440.94	15.19	444.69
Third Quarter '23	5.02	457.96	5.81	457.05	17.04	446.10	4.41	467.48	9.04	451.81	20.31	440.56	16.97	442.91
Change Since Previous Event	(0.87)		2.79		(2.61)		(0.66)		(0.68)		(0.38)		(1.78)	

NM - Not Measured

DRY - Well or piezometer was dry

8/21/2013 Measuring Point Elevation for MW-5S= 462.98
8/21/2013 Measuring Point Elevation for MW-5D= 462.86
8/21/2013 Measuring Point Elevation for MW-5R= 463.14

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	P-1		P-2		P-4		P-5		P-6		P-7	
Protective Casing Elevation	480.44		487.76		485.85		467.50		460.71		460.47	
Measuring Point Elevation	480.24		487.75		485.79		467.37		460.57		460.32	
Ground Elevation	477.63		484.67		483.55		465.56		458.58		456.53	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	13.72	466.52	DRY	----	----	----	4.66	462.71	7.28	453.29	7.91	452.41
Second Quarter '09	14.06	466.18	DRY	----	----	----	6.68	460.69	7.48	453.09	8.11	452.21
Third Quarter '09	16.67	463.57	DRY	----	----	----	5.58	461.79	7.67	452.90	8.51	451.81
Fourth Quarter '09	15.18	465.06	DRY	----	----	----	4.53	462.84	7.46	453.11	8.10	452.22
First Quarter '10	----	----	DRY	----	----	----	5.77	461.60	7.41	453.16	8.08	452.24
Second Quarter '10	13.97	466.27	DRY	----	----	----	4.76	462.61	7.33	453.24	7.97	452.35
Third Quarter '10	14.81	465.43	DRY	----	----	----	5.56	461.81	8.07	452.50	8.55	451.77
Fourth Quarter '10	14.12	466.12	DRY	----	----	----	4.56	462.81	7.26	453.31	7.75	452.57
Second Quarter '11	14.19	466.05	DRY	----	----	----	6.14	461.23	7.55	453.02	8.08	452.24
Third Quarter '11	14.73	465.51	DRY	----	----	----	5.08	462.29	7.61	452.96	8.12	452.20
Fourth Quarter '11	13.71	466.53	DRY	----	----	----	5.48	461.89	7.31	453.26	7.90	452.42
Second Quarter '12	14.12	466.12	26.35	461.40	----	----	6.47	460.90	7.62	452.95	8.22	452.10
Third Quarter '12	14.69	465.55	DRY	----	----	----	7.36	460.01	9.49	451.08	9.03	451.29
Fourth Quarter '12	15.07	465.17	DRY	----	----	----	6.31	461.06	8.02	452.55	8.33	451.99
Second Quarter '13	14.21	466.03	DRY	----	----	----	6.32	461.05	7.64	452.93	8.26	452.06
Third Quarter '13	13.98	466.26	26.38	461.37	----	----	----	----	7.65	452.92	8.16	452.16
Fourth Quarter '13	14.12	466.12	DRY	----	----	----	----	----	7.14	453.43	8.13	452.19
Second Quarter '14	14.12	466.12	DRY	----	----	----	----	----	8.10	452.47	7.99	452.33
Third Quarter '14	14.2	466.04	DRY	----	----	----	----	----	8.43	452.14	8.08	452.24
Fourth Quarter '14	14.24	466.00	DRY	----	----	----	----	----	8.46	452.11	8.04	452.28
Second Quarter '15	14.14	466.10	DRY	----	----	----	----	----	8.35	452.22	8.25	452.07
Third Quarter '15	14.18	466.06	DRY	----	----	----	----	----	8.55	452.02	7.98	452.34
Fourth Quarter '15	14.06	466.18	DRY	----	----	----	----	----	7.99	452.58	8.11	452.21
Second Quarter '16	14.19	466.05	DRY	----	----	----	----	----	8.20	452.37	7.89	452.43
Third Quarter '16	15.34	464.90	DRY	----	----	----	----	----	DRY	----	9.38	450.94
Fourth Quarter '16	14.79	465.45	DRY	----	----	----	----	----	7.63	452.94	8.00	452.32
Second Quarter '17	13.45	466.79	DRY	----	----	----	----	----	7.55	453.02	7.64	452.68
Third Quarter '17	14.26	465.98	DRY	----	----	----	----	----	8.56	452.01	8.22	452.10
Fourth Quarter '17	13.94	466.30	DRY	----	----	----	----	----	8.01	452.56	8.09	452.23
Second Quarter '18	13.7	466.54	DRY	----	----	----	----	----	7.96	452.61	7.88	452.44
Third Quarter '18	14.78	465.46	DRY	----	----	----	----	----	8.66	451.91	8.43	451.89
Fourth Quarter '18	13.84	466.40	DRY	----	----	----	----	----	7.77	452.80	8.05	452.27
Second Quarter '19	13.91	466.33	DRY	----	----	----	----	----	8.05	452.52	8.02	452.30
Third Quarter '19	14.67	465.57	DRY	----	----	----	----	----	8.59	451.98	8.85	451.47
Fourth Quarter '19	13.92	466.32	DRY	----	----	----	----	----	8.11	452.46	7.73	452.59
Second Quarter '20	13.60	466.64	DRY	----	----	----	----	----	8.02	452.55	7.73	452.59
Third Quarter '20	15.14	465.10	DRY	----	----	----	----	----	9.07	451.50	9.34	450.98
Fourth Quarter '20	15.44	464.80	DRY	----	----	----	----	----	9.19	451.38	8.89	451.43
Second Quarter '21	DRY	----	DRY	----	----	----	----	----	DRY	----	8.56	451.76
Third Quarter '21	14.07	466.17	DRY	----	----	----	----	----	8.21	452.36	8.37	451.95
Fourth Quarter '21	13.91	466.33	DRY	----	----	----	----	----	8.11	452.46	8.15	452.17
Second Quarter '22	13.68	466.56	DRY	----	----	----	----	----	8.02	452.55	8.12	452.20
Third Quarter '23	14.84	465.40	DRY	----	----	----	----	----	8.88	451.69	8.76	451.56
Fourth Quarter '22	13.88	466.36	DRY	----	----	----	----	----	8.20	452.37	8.36	451.96
Second Quarter '23	NM	----	DRY	----	----	----	----	----	7.84	452.73	7.90	452.42
Third Quarter '23	14.13	----	DRY	----	----	----	----	----	8.65	451.92	8.33	451.99
Change Since Previous Event	----		--		ECOMMISSIONED IN 200		COMMISSIONED IN 20		(0.81)		(0.43)	

NM - Not Measured

DRY - Well or piezometer was dry

TABLE 1
POST-CLOSURE GROUNDWATER MONITORING
SUMMARY OF GROUNDWATER LEVELS
GOULDS PUMPS, INC.

Well/Piezometer	P-8		P-9		P-10		P-11		P-13		MH	
Protective Casing Elevation	463.66		483.83		491.90		479.71		---		470.00	
Measuring Point Elevation	463.53		483.81		491.89		479.66		459.40		469.25	
Ground Elevation	461.45		481.29		489.40		476.47		455.99		----	
Date	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)	DTW (ft)	ELEV (ft)
First Quarter '09	7.20	454.25	DRY	----	29.02	462.87	DRY	----	4.64	454.76	16.12	453.13
Second Quarter '09	7.79	453.66	DRY	----	29.08	462.81	DRY	----	4.71	454.69	16.26	452.99
Third Quarter '09	DRY	----	DRY	----	29.82	462.07	DRY	----	6.49	452.91	16.32	452.93
Fourth Quarter '09	DRY	----	DRY	----	DRY	----	NM	----	4.21	455.19	16.14	453.11
First Quarter '10	NM	----	DRY	----	29.61	462.28	DRY	----	5.49	453.91	16.20	453.05
Second Quarter '10	7.38	456.15	DRY	----	29.73	462.16	DRY	----	4.54	454.86	15.98	453.27
Third Quarter '10	DRY	----	DRY	----	DRY	----	DRY	----	7.03	452.37	16.28	452.97
Fourth Quarter '10	7.13	456.40	DRY	----	29.78	462.11	DRY	----	4.39	455.01	15.83	453.42
Second Quarter '11	DRY	----	DRY	----	29.37	462.52	DRY	----	6.31	453.09	15.71	453.54
Third Quarter '11	DRY	----	DRY	----	29.70	462.19	DRY	----	6.78	452.62	15.82	453.43
Fourth Quarter '11	7.33	----	DRY	----	DRY	----	DRY	----	4.80	454.60	16.08	453.17
Second Quarter '12	DRY	----	18.24	465.57	DRY	----	DRY	----	6.44	452.96	17.29	451.96
Third Quarter '12	DRY	----	DRY	----	DRY	----	DRY	----	8.30	451.10	15.91	453.34
Fourth Quarter '12	DRY	----	DRY	----	DRY	----	DRY	----	4.92	454.48	15.98	453.27
Second Quarter '13	DRY	----	DRY	----	29.59	462.30	DRY	----	5.87	453.53	15.91	453.34
Third Quarter '13	DRY	----	DRY	----	29.86	462.03	DRY	----	6.14	453.26	15.93	453.32
Fourth Quarter '13	7.68	455.85	DRY	----	DRY	----	DRY	----	5.55	453.85	16.06	453.19
Second Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	6.26	453.14	16.09	453.16
Third Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	6.44	452.96	15.97	453.28
Fourth Quarter '14	DRY	----	DRY	----	DRY	----	DRY	----	4.67	454.73	15.99	453.26
Second Quarter '15	DRY	----	DRY	----	29.74	462.15	DRY	----	5.95	453.45	16.06	453.19
Third Quarter '15	DRY	----	DRY	----	30.03	461.86	DRY	----	7.00	452.40	15.93	453.32
Fourth Quarter '15	DRY	----	DRY	----	DRY	----	DRY	----	5.23	454.17	16.11	453.14
Second Quarter '16	DRY	----	DRY	----	29.51	462.38	22.44	457.22	5.08	454.32	15.92	453.33
Third Quarter '16	DRY	----	DRY	----	DRY	----	DRY	----	DRY	----	15.90	453.35
Fourth Quarter '16	DRY	----	DRY	----	DRY	----	DRY	----	4.05	455.35	15.95	453.30
Second Quarter '17	7.50	456.03	DRY	----	29.10	462.79	DRY	----	3.93	455.47	15.97	453.28
Third Quarter '17	DRY	----	DRY	----	29.90	461.99	DRY	----	6.50	452.90	15.99	453.26
Fourth Quarter '17	DRY	----	DRY	----	29.91	461.98	DRY	----	3.78	455.62	15.97	453.28
Second Quarter '18	DRY	----	DRY	----	29.34	462.55	DRY	----	3.65	455.75	15.83	453.42
Third Quarter '18	DRY	----	DRY	----	DRY	----	DRY	----	6.51	452.89	16.03	453.22
Fourth Quarter '18	DRY	----	DRY	----	29.65	462.24	DRY	----	4.54	454.86	15.98	453.27
Second Quarter '19	DRY	----	DRY	----	29.25	462.64	NM	----	3.98	455.42	15.93	453.32
Third Quarter '19	DRY	----	DRY	----	30.04	461.85	DRY	----	7.21	452.19	15.99	453.26
Fourth Quarter '19	DRY	----	DRY	----	29.73	462.16	DRY	----	3.99	455.41	15.90	453.35
Second Quarter '20	DRY	----	DRY	----	DRY	----	DRY	----	3.88	455.52	15.70	453.55
Third Quarter '20	DRY	----	DRY	----	DRY	----	DRY	----	8.15	451.25	15.83	453.42
Fourth Quarter '20	DRY	----	DRY	----	30.05	461.84	DRY	----	7.28	452.12	15.99	453.26
Second Quarter '21	DRY	----	DRY	----	29.71	462.18	DRY	----	7.80	451.60	16.17	453.08
Third Quarter '21	DRY	----	DRY	----	DRY	----	DRY	----	4.86	454.54	16.15	453.10
Fourth Quarter '21	DRY	----	DRY	----	30.16	461.73	DRY	----	4.36	455.04	----	----
Second Quarter '22	DRY	----	DRY	----	30.22	461.67	DRY	----	4.26	455.14	15.46	453.79
Third Quarter '23	DRY	----	DRY	----	DRY	----	DRY	----	7.24	452.16	16.16	453.09
Fourth Quarter '22	DRY	----	DRY	----	30.06	461.83	DRY	----	5.93	453.47	16.10	453.15
Second Quarter '23	DRY	----	DRY	----	29.64	462.25	DRY	----	4.33	455.07	15.41	453.84
Third Quarter '23	DRY	----	DRY	----	DRY	----	DRY	----	7.63	451.77	15.73	453.52
Change Since Previous Event	----		--		----		--		(3.30)		(0.32)	

NM - Not Measured

DRY - Well or piezometer was dry

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: September 25, 2023

Weather Conditions: Overcast, Light Rain
Temperature: 60º F
Wind Direction: NW

On-site Personnel: E. Moskal

Inspection Checklist - Site Features

Landfill Component	Acceptable	Not Acceptable	Comments
Cap System:			
General condition [1]	X		
Vegetative cover [2]	X		
Surface Water Drainage System:			
General condition of swales [3]	X		vegetation on north side
Vegetative cover [2]	X		
Culvert beneath railroad tracks [4]	X		
Access Roadway:			
General condition	X		May need brushhogged pathways in 2024 to facilitate acces to wells north of landfill.
Access control gate	X		
General condition	X		
Operation/lock/chain	X		
Culvert [4]	X		
Access Control Fencing and Gate:			
General condition/alignment	X		Fence is in good condition.
Operation/lock/chain	X		
Adjacent Areas:			
General condition [1]	X		
Vegetative cover [2]	X		
Surface drainage [3]	X		Surface drainage appears satisfactory

Notes:

(1) Note areas of erosion, settlement, leachate breakthrough, and animal burrowing. Show on site sketch.

(2) Note bare areas and areas of unwanted intrusive vegetation. Show on site sketch.

(3) Note areas of ponding, erosion, sedimentation, and discoloration. Show on site sketch.

(4) Note damage, ponding, and erosion. Sketch if necessary.


N

Additional Sketches and Comments

Comments: None.

Comments: None.

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: September 25, 2023

Inspection Checklist - Monitoring Features

Monitoring Wells:	MW-1S	MW-2S	MW-2D	MW-2R	MW-4S	MW-4D	MW-5S	MW-5D	MW-5R	MW-7S(*)	MW-8S	MW-8D	MW-8R
General condition/alignment [1]	A	A	A	A	A	A	A	A	A	A	A	A	A
Lock/Cap [1]	A	A	A	A	A	A	A	A	A	A	A	A	A
Depth to water (ft)	11.51	9.09	8.96	24.49	5.25	9.52	5.02	5.81	17.04	4.41	9.04	20.31	16.97
Time reading taken	1112	1105	1107	1109	1057	1100	1130	1132	1135	1020	1030	1032	1031
Piezometers:	P-1	P-2	P-4(3)	P-5(3)	P-6	P-7	P-8	P-9	P-10	P-11	P-12	P-13	
General condition/alignment [1]	A	A	-	-	A	A	A	A	A	A	A	A(5)	
Lock/Cap [1]	A(4,5)	A	-	-	A	A	A	A	A	A	A	A	
Condition of boot/strapping [1]	A	A	-	-	A	A	A	A	A	A	A	A	
Depth to water (ft)	14.12	DRY	-	-	8.65	8.33	DRY	DRY	30.22	DRY	DRY	7.63	
Time reading taken	1115	1053	-	-	1034	1037	1123	1118	1050	1047	1043	1040	
Leachate Collection Manhole:	MH												
General condition [1]	A												
Cover [1]	A												
Condition of boot/strapping [1]	A												
Depth to water (ft)	15.73												
Time reading taken	1045												
Gas Vents:	GV-1	GV-2	GV-3	GV-4	GV-5	GV-6	GV-7	GV-8	GV-9	GV-10	GV-11		
General condition/alignment [1]	A	A	A	A	A	A	A	A	A	A	A		
Condition of boot/strapping [1]	A	A	A	A	A	A	A	A	A	A	A		
Time	1044	1046	1120	1048	1049	1119	1054	1114	1118	1115	1116		

Note (1): Respond to question as either Acceptable (A) or Not Acceptable (NA) for each respective location.

(2): Frost heave has elevated concrete collar. Not a sampling point so acceptable.

(3): P-4 and P-5 were decommissioned.

(4): Cap hinge broken

(5): PVC procasing damaged, needs repair

(6): NM - not measured

(*): In locked fence area

APPENDIX C

Fourth Quarter 2023 Summary Data Package

ANALYTICAL REPORT

Lab Number:	L2373925
Client:	Arcadis U.S, Inc. DPS Group/Arcadis 201 Fuller Road, Suite 201 Albany, NY 12203
ATTN:	Elias Moskal
Phone:	(518) 650-7808
Project Name:	ITT GOULDS CLOSED LANDFILL
Project Number:	30178077
Report Date:	12/21/23

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2373925-01	MW-1S	WATER	SENECA FALLS, NY	12/13/23 12:06	12/14/23
L2373925-02	MW-2S	WATER	SENECA FALLS, NY	12/13/23 09:55	12/14/23
L2373925-03	MW-2R	WATER	SENECA FALLS, NY	12/13/23 11:28	12/14/23
L2373925-04	MW-2D	WATER	SENECA FALLS, NY	12/14/23 09:12	12/14/23
L2373925-05	MW-4S	WATER	SENECA FALLS, NY	12/13/23 13:31	12/14/23
L2373925-06	MW-4D	WATER	SENECA FALLS, NY	12/14/23 08:58	12/14/23
L2373925-07	MW-5S	WATER	SENECA FALLS, NY	12/12/23 16:25	12/14/23
L2373925-08	MW-5D	WATER	SENECA FALLS, NY	12/14/23 08:29	12/14/23
L2373925-09	MW-5R	WATER	SENECA FALLS, NY	12/12/23 15:41	12/14/23
L2373925-10	MW-7S	WATER	SENECA FALLS, NY	12/13/23 08:54	12/14/23
L2373925-11	MW-8S	WATER	SENECA FALLS, NY	12/13/23 14:31	12/14/23
L2373925-12	MW-8D	WATER	SENECA FALLS, NY	12/14/23 08:49	12/14/23
L2373925-13	MW-8R	WATER	SENECA FALLS, NY	12/13/23 16:06	12/14/23
L2373925-14	MANHOLE	WATER	SENECA FALLS, NY	12/13/23 16:13	12/14/23

Project Name:	ITT GOULDS CLOSED LANDFILL	**Lab Number:**	L2373925
Project Number:	30178077	**Report Date:**	12/21/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	ITT GOULDS CLOSED LANDFILL	**Lab Number:**	L2373925
Project Number:	30178077	**Report Date:**	12/21/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2373925-12: The collection date and time on the chain of custody was 14-DEC-23 08:49; however, the collection date/time on the container label was 14-DEC-23 08:45. At the client's request, the collection date/time is reported as 14-DEC-23 08:49.

Total Metals

The WG1865385-7 MS recoveries for calcium (129%) and magnesium (140%), performed on L2373925-02, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1865385-4 Laboratory Duplicate RPD for manganese (45%), performed on L2373925-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 12/21/23

METALS

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-01 Date Collected: 12/13/23 12:06

Client ID: MW-1S Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0553	J	mg/l	0.100	0.0318	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Barium, Total	0.0370		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Calcium, Total	64.6		mg/l	0.100	0.0350	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Iron, Total	0.0270	J	mg/l	0.0500	0.0090	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Magnesium, Total	109.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0244		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:19	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Potassium, Total	3.68		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 09:06	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Sodium, Total	24.9		mg/l	2.00	0.120	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0027	J	mg/l	0.0050	0.0021	1	12/20/23 00:50	12/20/23 23:57	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-02 Date Collected: 12/13/23 09:55

Client ID: MW-2S Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.363		mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Barium, Total	0.0585		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Calcium, Total	56.1		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Copper, Total	0.0025	J	mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Iron, Total	0.328		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Magnesium, Total	101.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0042	J	mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:23	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Potassium, Total	2.26	J	mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 10:03	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Sodium, Total	31.2		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0022	J	mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 00:47	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-03 Date Collected: 12/13/23 11:28

Client ID: MW-2R Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.272		mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Arsenic, Total	0.0167		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Barium, Total	0.0240		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Calcium, Total	220.		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Iron, Total	1.87		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Lead, Total	0.0044	J	mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Magnesium, Total	88.3		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0481		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 20:59	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Potassium, Total	2.27	J	mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 08:52	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Sodium, Total	43.6		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0066		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 00:28	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-04 Date Collected: 12/14/23 09:12

Client ID: MW-2D Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0891	J	mg/l	0.100	0.0318	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Arsenic, Total	0.0024	J	mg/l	0.0050	0.0019	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Barium, Total	0.0384		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Calcium, Total	66.9		mg/l	0.100	0.0350	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Iron, Total	0.521		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Lead, Total	0.0029	J	mg/l	0.0100	0.0027	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Magnesium, Total	117.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Manganese, Total	0.102		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:09	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Potassium, Total	3.86		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 08:56	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Sodium, Total	44.2		mg/l	2.00	0.120	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA
Zinc, Total	ND		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/20/23 23:44	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-05 Date Collected: 12/13/23 13:31

Client ID: MW-4S Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.0318	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Arsenic, Total	0.0030	J	mg/l	0.0050	0.0019	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Barium, Total	0.0247		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Calcium, Total	69.8		mg/l	0.100	0.0350	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Iron, Total	0.136		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Magnesium, Total	142.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0375		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:34	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Potassium, Total	3.52		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 09:01	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Sodium, Total	51.2		mg/l	2.00	0.120	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA
Zinc, Total	ND		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/20/23 23:48	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-06 Date Collected: 12/14/23 08:58

Client ID: MW-4D Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.185		mg/l	0.100	0.0318	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Arsenic, Total	0.0035	J	mg/l	0.0050	0.0019	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Barium, Total	0.0186		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Calcium, Total	176.		mg/l	0.100	0.0350	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Copper, Total	0.0035	J	mg/l	0.0100	0.0022	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Iron, Total	0.242		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Lead, Total	0.0029	J	mg/l	0.0100	0.0027	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Magnesium, Total	333.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0422		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:37	EPA 245.1	3,245.1	GMG
Nickel, Total	0.0041	J	mg/l	0.0250	0.0024	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Potassium, Total	6.82		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 09:39	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Sodium, Total	97.0		mg/l	2.00	0.120	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0082		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/20/23 23:53	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-07 Date Collected: 12/12/23 16:25

Client ID: MW-5S Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0480	J	mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Arsenic, Total	0.0019	J	mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Barium, Total	0.0557		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Calcium, Total	144.		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Copper, Total	0.0043	J	mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Iron, Total	0.0356	J	mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Lead, Total	0.0036	J	mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Magnesium, Total	238.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0089	J	mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:41	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Potassium, Total	8.11		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 09:44	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Sodium, Total	466.		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0021	J	mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 00:33	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-08 Date Collected: 12/14/23 08:29

Client ID: MW-5D Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.152		mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Barium, Total	0.0192		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Calcium, Total	25.2		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Iron, Total	0.339		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Magnesium, Total	1.70		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0161		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:44	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Potassium, Total	0.750	J	mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 09:49	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Sodium, Total	22.3		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA
Zinc, Total	0.140		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 00:38	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-09 Date Collected: 12/12/23 15:41

Client ID: MW-5R Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0963	J	mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Barium, Total	0.0205		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Calcium, Total	510.		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Iron, Total	0.928		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Lead, Total	0.0036	J	mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Magnesium, Total	88.2		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0632		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:47	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Potassium, Total	5.62		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 09:54	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Sodium, Total	102.		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0094		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 00:42	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-10 Date Collected: 12/13/23 08:54

Client ID: MW-7S Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0348	J	mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Barium, Total	0.108		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Calcium, Total	124.		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Iron, Total	1.00		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Magnesium, Total	44.5		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Manganese, Total	0.891		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:51	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Potassium, Total	2.60		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 09:59	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Sodium, Total	29.9		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA
Zinc, Total	ND		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 01:18	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-11 Date Collected: 12/13/23 14:31

Client ID: MW-8S Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.254		mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Barium, Total	0.0480		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Calcium, Total	61.7		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Copper, Total	0.0051	J	mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Iron, Total	0.291		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Magnesium, Total	93.4		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0096	J	mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:54	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Potassium, Total	3.92		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 10:48	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Sodium, Total	32.0		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0027	J	mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 01:22	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-12 Date Collected: 12/14/23 08:49

Client ID: MW-8D Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.191		mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Arsenic, Total	0.0090		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Barium, Total	0.0368		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Calcium, Total	78.3		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Iron, Total	0.306		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Magnesium, Total	156.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0280		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 21:57	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Potassium, Total	9.94		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 10:53	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Sodium, Total	49.9		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0037	J	mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 01:27	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-13 Date Collected: 12/13/23 16:06

Client ID: MW-8R Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.192		mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Barium, Total	0.0081	J	mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Calcium, Total	514.		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Iron, Total	1.29		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Lead, Total	0.0032	J	mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Magnesium, Total	123.		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Manganese, Total	0.0267		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 22:01	EPA 245.1	3,245.1	GMG
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Potassium, Total	6.99		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 10:58	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Sodium, Total	153.		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA
Zinc, Total	0.0033	J	mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 01:32	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

SAMPLE RESULTS

Lab ID: L2373925-14 Date Collected: 12/13/23 16:13

Client ID: MANHOLE Date Received: 12/14/23

Sample Location: SENECA FALLS, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.84		mg/l	0.100	0.0318	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Antimony, Total	0.0137	J	mg/l	0.0500	0.0071	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Arsenic, Total	0.0132		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Barium, Total	0.144		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Calcium, Total	91.2		mg/l	0.100	0.0350	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Chromium, Total	0.0059	J	mg/l	0.0100	0.0021	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Cobalt, Total	0.0028	J	mg/l	0.0200	0.0017	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Copper, Total	0.203		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Iron, Total	27.8		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Lead, Total	0.0896		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Magnesium, Total	49.9		mg/l	0.100	0.0153	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Manganese, Total	0.243		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Mercury, Total	0.00042		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 22:04	EPA 245.1	3,245.1	GMG
Nickel, Total	0.0205	J	mg/l	0.0250	0.0024	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Potassium, Total	25.0		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 11:02	EPA 3005A	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Sodium, Total	28.8		mg/l	2.00	0.120	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Vanadium, Total	0.0202		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA
Zinc, Total	0.199		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/21/23 01:37	EPA 3005A	19,200.7	TAA

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1865385-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Antimony, Total	ND		mg/l	0.0500	0.0071	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Barium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Calcium, Total	ND		mg/l	0.100	0.0350	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Chromium, Total	ND		mg/l	0.0100	0.0021	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Copper, Total	ND		mg/l	0.0100	0.0022	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Iron, Total	ND		mg/l	0.0500	0.0090	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Lead, Total	ND		mg/l	0.0100	0.0027	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Magnesium, Total	ND		mg/l	0.100	0.0153	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Manganese, Total	ND		mg/l	0.0100	0.0016	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Nickel, Total	ND		mg/l	0.0250	0.0024	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Potassium, Total	ND		mg/l	2.50	0.237	1	12/20/23 00:50	12/21/23 08:42	19,200.7	JMF
Selenium, Total	ND		mg/l	0.0100	0.0035	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Silver, Total	ND		mg/l	0.0070	0.0028	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Sodium, Total	ND		mg/l	2.00	0.120	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Thallium, Total	ND		mg/l	0.0200	0.0025	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA
Zinc, Total	ND		mg/l	0.0050	0.0021	1	12/20/23 00:50	12/20/23 23:35	19,200.7	TAA

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1865387-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/20/23 01:36	12/20/23 20:53	3,245.1	GMG

Project Name: ITT GOULDS CLOSED LANDFILL **Lab Number:** L2373925

Project Number: 30178077 **Report Date:** 12/21/23

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL

Project Number: 30178077

Lab Number: L2373925

Report Date: 12/21/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1865385-2								
Aluminum, Total	110		-		85-115	-		
Antimony, Total	95		-		85-115	-		
Arsenic, Total	103		-		85-115	-		
Barium, Total	106		-		85-115	-		
Beryllium, Total	109		-		85-115	-		
Cadmium, Total	97		-		85-115	-		
Calcium, Total	104		-		85-115	-		
Chromium, Total	108		-		85-115	-		
Cobalt, Total	99		-		85-115	-		
Copper, Total	95		-		85-115	-		
Iron, Total	107		-		85-115	-		
Lead, Total	98		-		85-115	-		
Magnesium, Total	101		-		85-115	-		
Manganese, Total	102		-		85-115	-		
Nickel, Total	97		-		85-115	-		
Potassium, Total	100		-		85-115	-		
Selenium, Total	105		-		85-115	-		
Silver, Total	105		-		85-115	-		
Sodium, Total	106		-		85-115	-		
Thallium, Total	102		-		85-115	-		
Vanadium, Total	104		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1865385-2					
Zinc, Total	102	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1865387-2					
Mercury, Total	97	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077
Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-3 QC Sample: L2373925-01 Client ID: MW-1S												
Aluminum, Total	0.0553J	2	2.22	111		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.482	96		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.131	109		-	-		75-125	-		20
Barium, Total	0.0370	2	2.15	106		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.0541	108		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.0516	97		-	-		75-125	-		20
Calcium, Total	64.6	10	73.2	86		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.217	108		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.493	99		-	-		75-125	-		20
Copper, Total	ND	0.25	0.241	96		-	-		75-125	-		20
Iron, Total	0.0270J	1	1.10	110		-	-		75-125	-		20
Lead, Total	ND	0.53	0.515	97		-	-		75-125	-		20
Magnesium, Total	109.	10	118	90		-	-		75-125	-		20
Manganese, Total	0.0244	0.5	0.515	98		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.477	95		-	-		75-125	-		20
Potassium, Total	3.68	10	13.7	100		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.131	109		-	-		75-125	-		20
Silver, Total	ND	0.05	0.0532	106		-	-		75-125	-		20
Sodium, Total	24.9	10	34.7	98		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.120	100		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.522	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-3 QC Sample: L2373925-01 Client ID: MW-1S									
Zinc, Total	0.0027J	0.5	0.512	102	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077
Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-7 QC Sample: L2373925-02 Client ID: MW-2S										
Aluminum, Total	0.363	2	2.68	116		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.478	96		-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.132	110		-	-	75-125	-	20
Barium, Total	0.0585	2	2.25	110		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.0563	113		-	-	75-125	-	20
Cadmium, Total	ND	0.053	0.0519	98		-	-	75-125	-	20
Calcium, Total	56.1	10	69.0	**129**	Q	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.220	110		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.498	100		-	-	75-125	-	20
Copper, Total	0.0025J	0.25	0.245	98		-	-	75-125	-	20
Iron, Total	0.328	1	1.44	111		-	-	75-125	-	20
Lead, Total	ND	0.53	0.516	97		-	-	75-125	-	20
Magnesium, Total	101.	10	115	**140**	Q	-	-	75-125	-	20
Manganese, Total	0.0042J	0.5	0.522	104		-	-	75-125	-	20
Nickel, Total	ND	0.5	0.480	96		-	-	75-125	-	20
Potassium, Total	2.26J	10	12.5	125		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.133	111		-	-	75-125	-	20
Silver, Total	ND	0.05	0.0537	107		-	-	75-125	-	20
Sodium, Total	31.2	10	43.3	121		-	-	75-125	-	20
Thallium, Total	ND	0.12	0.120	100		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.529	106		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077
Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-7 QC Sample: L2373925-02 Client ID: MW-2S									
Zinc, Total	0.0022J	0.5	0.517	103	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865387-3 QC Sample: L2373925-03 Client ID: MW-2R									
Mercury, Total	ND	0.005	0.00481	96	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865387-5 QC Sample: L2373925-04 Client ID: MW-2D									
Mercury, Total	ND	0.005	0.00471	94	-	-	70-130	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-4 QC Sample: L2373925-01 Client ID: MW-1S						
Aluminum, Total	0.0553J	0.0540J	mg/l	NC		20
Antimony, Total	ND	0.0109J	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.0370	0.0384	mg/l	4		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	64.6	65.4	mg/l	1		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	0.0024J	mg/l	NC		20
Iron, Total	0.0270J	0.0302J	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	109.	112	mg/l	3		20
Manganese, Total	0.0244	0.0154	mg/l	**45**	Q	20
Nickel, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	24.9	25.2	mg/l	1		20
Thallium, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-4 QC Sample: L2373925-01 Client ID: MW-1S					
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.0027J	0.0026J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-4 QC Sample: L2373925-01 Client ID: MW-1S					
Potassium, Total	3.68	3.98	mg/l	8	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-8 QC Sample: L2373925-02 Client ID: MW-2S					
Aluminum, Total	0.363	0.385	mg/l	6	20
Antimony, Total	ND	0.0104J	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	0.0585	0.0599	mg/l	2	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	56.1	57.2	mg/l	2	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	0.0025J	0.0025J	mg/l	NC	20
Iron, Total	0.328	0.346	mg/l	5	20
Lead, Total	ND	0.0028J	mg/l	NC	20
Magnesium, Total	101.	104	mg/l	3	20
Manganese, Total	0.0042J	0.0049J	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	31.2	31.9	mg/l	2	20
Thallium, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-8 QC Sample: L2373925-02 Client ID: MW-2S					
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.0022J	0.0023J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-8 QC Sample: L2373925-02 Client ID: MW-2S					
Potassium, Total	2.26J	2.17J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865387-4 QC Sample: L2373925-03 Client ID: MW-2R					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865387-6 QC Sample: L2373925-04 Client ID: MW-2D					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2373925
Report Date: 12/21/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-10 QC Sample: L2373925-02 Client ID: MW-2S						
Calcium, Total	56.1	57.0	mg/l	2		20
Magnesium, Total	101.	98.1	mg/l	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1865385-6 QC Sample: L2373925-01 Client ID: MW-1S						
Calcium, Total	64.6	64.1	mg/l	1		20
Magnesium, Total	109.	104.	mg/l	5		20

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2373925-01A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),CO-UI(180),K-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),MN-UI(180),BE-UI(180),CR-UI(180),NA-UI(180),AL-UI(180),CU-UI(180),V-UI(180),PB-UI(180),AS-UI(180),TL-UI(180)
L2373925-02A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),AL-UI(180),MN-UI(180),NA-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),TL-UI(180),V-UI(180)
L2373925-03A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),CO-UI(180),K-UI(180),SE-UI(180),MG-UI(180),FE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),NA-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),AS-UI(180),TL-UI(180),PB-UI(180),CU-UI(180),V-UI(180)
L2373925-04A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),CO-UI(180),K-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),BE-UI(180),NA-UI(180),AS-UI(180),PB-UI(180),V-UI(180),TL-UI(180),CU-UI(180)
L2373925-05A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),CO-UI(180),K-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),NA-UI(180),AL-UI(180),BE-UI(180),CR-UI(180),MN-UI(180),TL-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),V-UI(180)

*Values in parentheses indicate holding time in days

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2373925-06A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),CA-UI(180),ZN-UI(180),AG-UI(180),K-UI(180),CO-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),CR-UI(180),AL-UI(180),BE-UI(180),NA-UI(180),AS-UI(180),PB-UI(180),TL-UI(180),V-UI(180),CU-UI(180)
L2373925-07A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),K-UI(180),CO-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),AL-UI(180),NA-UI(180),BE-UI(180),CR-UI(180),MN-UI(180),CU-UI(180),TL-UI(180),V-UI(180),AS-UI(180),PB-UI(180)
L2373925-08A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),CO-UI(180),K-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),NA-UI(180),BE-UI(180),CR-UI(180),AL-UI(180),TL-UI(180),V-UI(180),CU-UI(180),PB-UI(180),AS-UI(180)
L2373925-09A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),CA-UI(180),AG-UI(180),ZN-UI(180),K-UI(180),CO-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),CR-UI(180),BE-UI(180),NA-UI(180),AL-UI(180),MN-UI(180),AS-UI(180),TL-UI(180),V-UI(180),CU-UI(180),PB-UI(180)
L2373925-10A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),CO-UI(180),K-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),BE-UI(180),NA-UI(180),CU-UI(180),TL-UI(180),V-UI(180),AS-UI(180),PB-UI(180)
L2373925-11A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),AG-UI(180),ZN-UI(180),CA-UI(180),CO-UI(180),K-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),AL-UI(180),NA-UI(180),BE-UI(180),CR-UI(180),MN-UI(180),PB-UI(180),TL-UI(180),CU-UI(180),AS-UI(180),V-UI(180)
L2373925-12A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),K-UI(180),CO-UI(180),MG-UI(180),SE-UI(180),FE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),NA-UI(180),AL-UI(180),MN-UI(180),BE-UI(180),CU-UI(180),TL-UI(180),V-UI(180),AS-UI(180),PB-UI(180)

*Values in parentheses indicate holding time in days

Project Name: ITT GOULDS CLOSED LANDFILL
Project Number: 30178077

Lab Number: L2373925
Report Date: 12/21/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2373925-13A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		NI-UI(180),SB-UI(180),BA-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),CO-UI(180),K-UI(180),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),MN-UI(180),NA-UI(180),CR-UI(180),BE-UI(180),AL-UI(180),V-UI(180),TL-UI(180),CU-UI(180),AS-UI(180),PB-UI(180)
L2373925-14A	Plastic 250ml HNO3 preserved	A	<2	<2	2.9	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),ZN-UI(180),CA-UI(180),AG-UI(180),K-UI(180),CO-UI(180),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),NA-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),PB-UI(180),AS-UI(180),TL-UI(180),V-UI(180),CU-UI(180)

*Values in parentheses indicate holding time in days

Project Name:	ITT GOULDS CLOSED LANDFILL	**Lab Number:**	L2373925
Project Number:	30178077	**Report Date:**	12/21/23

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	ITT GOULDS CLOSED LANDFILL	**Lab Number:**	L2373925
Project Number:	30178077	**Report Date:**	12/21/23

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	ITT GOULDS CLOSED LANDFILL	**Lab Number:**	L2373925
Project Number:	30178077	**Report Date:**	12/21/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

REFERENCES

3 Methods for the Determination of Metals in Environmental Samples, Supplement I. EPA/600/R-94/111. May 1994.

19 Inductively Coupled Plasma Atomic Emission Spectrometric Method for Trace Element Analysis of Water and Wastes. Appendix C, Part 136, 40 CFR (Code of Federal Regulations). July 1, 1999 edition.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 12/15/23

ALPHA Job #: L2373925

Client Information

Client: Arcadis US Inc.
Address: 201 Fuller Road Suite 201 Albany, NY, 12203
Phone: (518) 250-7300
Fax:
Email: elias.moskal@arcadis.com

Project Information

Project Name: ITT Goulds Closed Landfill
Project Location: Seneca Falls, NY
Project #: 30178077
(Use Project name as Project #) ☐
Project Manager: Elias Moskal
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days: 10

Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other

Billing Information

~~☒~~ Same as Client Info PO # 12/14/23

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☒ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please analyze and report the same as previous for this project.

Please specify Metals or TAL. TAL Metals

ANALYSIS

TAL Metals, Total Hg 6010

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TAL Metals, Total Hg 6010	Sample Specific Comments
73925-01	MW-1S	12/13/23	1206	GW	AG	1	
-02	MW-2S	12/13/23	0955	GW	AG	1	
-03	MW-2R	12/13/23	1128	GW	AG	1	
-04	MW-2D	12/14/23	0912	GW	AG	1	
-05	MW-4S	12/13/23	1331	GW	AG	1	
-06	MW-4D	12/14/23	0858	GW	AG	1	
-07	MW-5S	12/12/23	1625	GW	AG	1	
-08	MW-5D	12/14/23	0824	GW	AG	1	
-09	MW-5R	12/12/23	1541	GW	AG	1	
-10	MW-7S	12/13/23	0854	GW	AG	1	

Container Type: P
Preservative: C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Arjay Gibson/Arcadis	12/14/23/1443		12/14/23 14:43
	12/14/23 1445		12/15/23 0015

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 12/15/23

ALPHA Job #: L2373925

Client Information
Client: Arcadis US Inc.
Address: 201 Fuller Road Suite 201, Albany, NY 12203
Phone: (518) 250-7300
Fax:
Email: elias.moskal@arcadis.com

Project Information
Project Name: ITT Gonlds Closed Landfill
Project Location: Seneca Falls, NY
Project # 30178077
(Use Project name as Project #) ☐
Project Manager: Elias Moskal
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days: 10

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☒ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☒ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☑ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Please analyze and report the same as previous for this project.

Please specify Metals or TAL. TAL Metals

ANALYSIS
TAL Metals 6010D STARS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Sample Specific Comments
73925 -11	MW-8S	12/13/23	1431	GW	AG	
-12	MW-8D	12/14/23	0849	GW	AG	
-13	MW-8R	12/13/23	1606	GW	AG	
-14	Manhole	12/13/23	1613	GW	AG	

Container Type: P
Preservative: C

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Aaron Gilson/Arcadis	12/14/23/1443	Jim Corley ALC	12/14/23 14:43
Jim Corley	12/14/23 1445		12/15/23 0015

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Arcadis of New York, Inc.

201 Fuller Road

Suite 201

Albany, New York 12203

Tel 518 250 7300

www.arcadis.com