Arcadis of New York, Inc.
855 Route 146
Suite 210
Clifton Park
New York 12065
Tel 518 250 7300
Fax 518 250 7301
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 2020 Post-Closure Monitoring and Maintenance Event
Goulds Pumps, Inc.
Site No. 850002 – Class 3 Closed Landfill
Seneca Falls, NY 13148

Date:
October 6, 2020

Contact:
Elias J. Moskal

Phone:
518.250.7333

Our ref:
01257117.2020

Dear Ms. Theobald:

On March 31 and April 1, 2020, Arcadis personnel conducted the second quarter (2Q) 2020 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 2020 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 2020 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 2020 monitoring and maintenance event. No areas of concern were observed during the 2Q 2020 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 to each dam 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 of 2020, after the first seasonal frost. There was no indication of sedimentation, ponding, damage, or debris at the culvert beneath the railroad during the 2Q 2020 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 2020 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, and Goulds may pursue abandonment of P-1 in the future.

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 clusters are immediately north and northwest of the closed landfill. At the time of this inspection event, the access laneways were mowed to an acceptable length. These areas will continue to be cleared to facilitate access to the monitoring wells in those areas by field staff.

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 as indicated by the bedrock monitoring wells is 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 2020 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 2020 event were within the range of historical values at each of the sampling locations with the exception of sodium concentrations at MW-5S (367,000 µg/l), which is the highest concentrations of sodium measured at this location to date.

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

The next event for groundwater and leachate sampling for TAL metals will be performed during the fourth quarter 2020 maintenance and monitoring event.

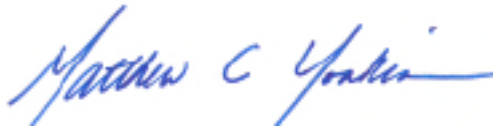
EXPLOSIVE GAS READINGS

Section 4.6 of the NYSDEC-approved PCMMP states: "It is anticipated that the explosive gas monitoring effort at the site will be reduced or eliminated based on the results of the monitoring throughout the first two years." Because no explosive gases have been detected to date at the landfill gas vents, which have been monitored since 1998, explosive gas monitoring was eliminated in 2020 although the vents themselves are monitored for any obstructions during the quarterly monitoring and maintenance events.

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 2020 Post-Closure Inspection and Monitoring Event dated October 6, 2020 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 2020
Figure 2 – Site Plan and Rock Zone Potentiometric Map, Second Quarter 2020

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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

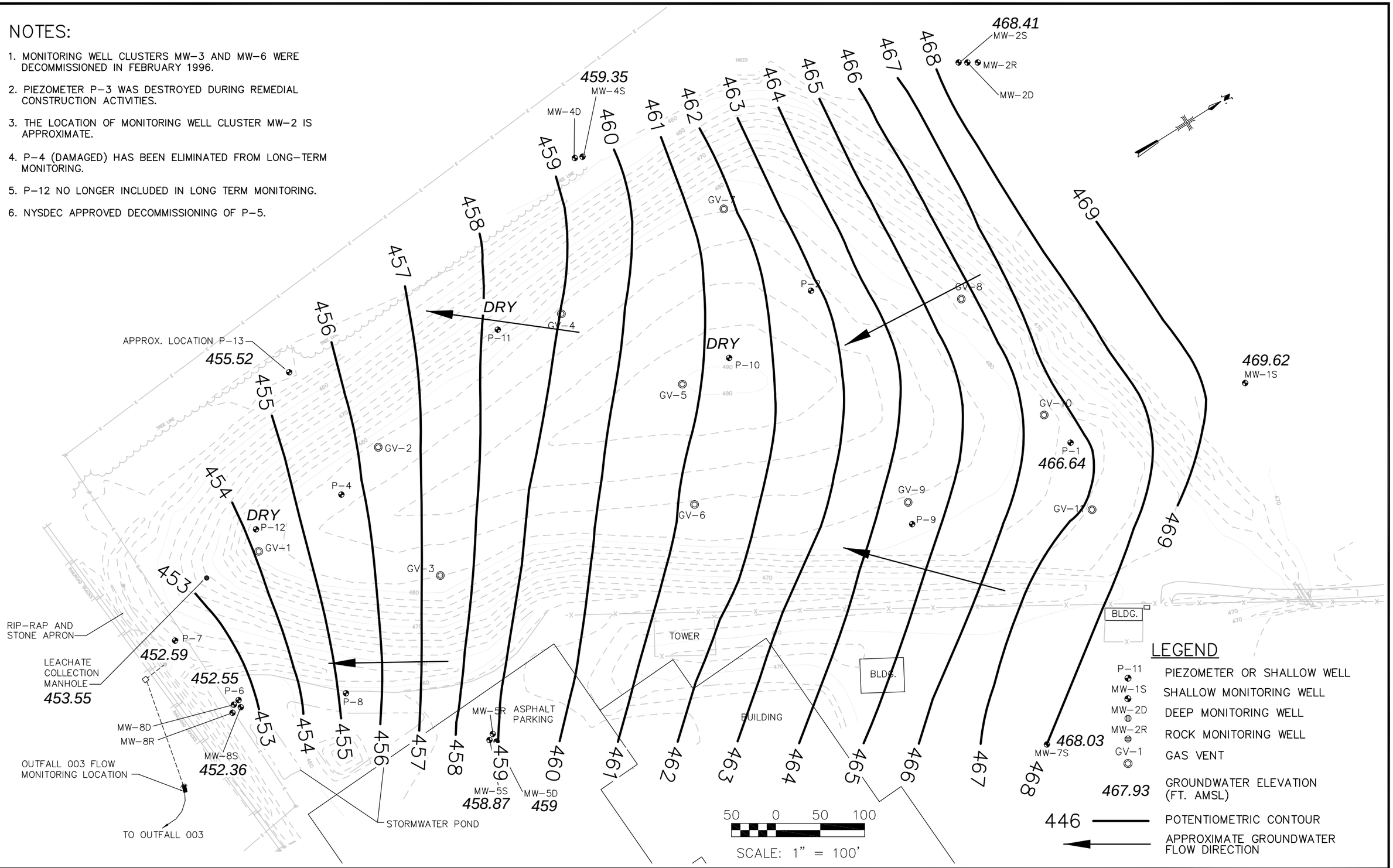
List of Attachments:
Attachment 1 – Second Quarter 2020 Inspection Forms
Attachment 2 – Summary Data Packages – Alpha Analytical

cc:
Jeff Stanek - ITT

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
467.93	GROUNDWATER ELEVATION (FT. AMSL)
446	POTENTIOMETRIC CONTOUR
	APPROXIMATE GROUNDWATER FLOW DIRECTION

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SENECA FALLS, NEW YORK

SITE PLAN AND SHALLOW ZONE POTENTIOMETRIC MAP
SECOND QUARTER 2020
SCALE: AS SHOWN

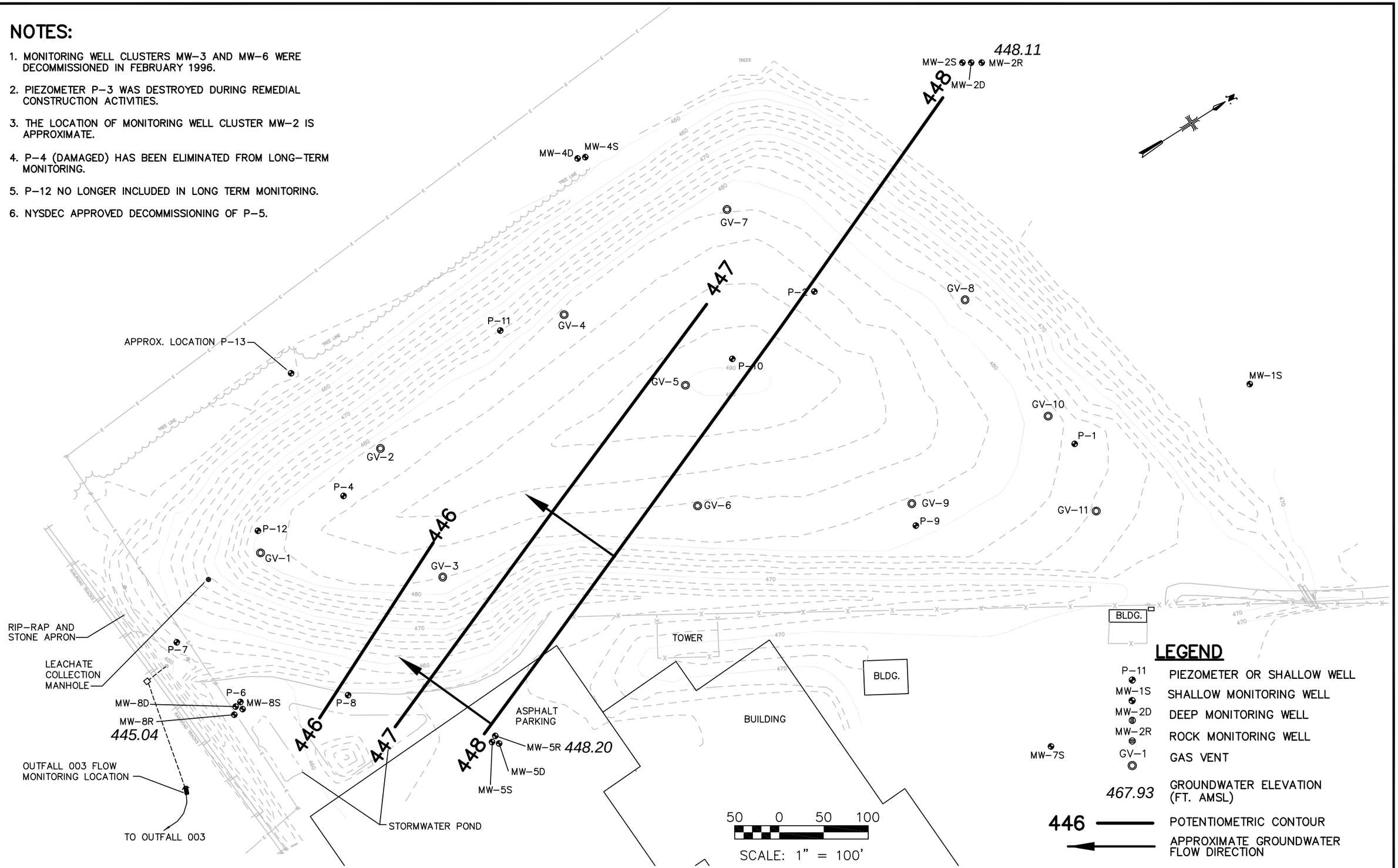
APRIL 2020

FIGURE 1

USER: CMULLER FILENAME: G:\ACAD\PROJ\01257117.0000\FIGURES\POT MAP-SHALLOW-2ND QTR-2020.DWG SAVE DATE: 7/17/2020 2:27 PM PLOT DATE: 7/17/2020 2:42 PM

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.



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FORMER GOULDS LANDFILL
SENECA FALLS, NEW YORK

SITE PLAN AND ROCK ZONE POTENTIOMETRIC MAP
SECOND QUARTER 2020
SCALE: AS SHOWN

APRIL 2020
FIGURE 2

USER: CMULLER FILENAME: G:\ACAD\PROJ\01257117.0000\FIGURES\POT MAP-ROCK-2ND QTR-2020.DWG SAVE DATE: 7/20/2020 10:17 AM PLOT DATE: 7/20/2020 10:23 AM

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
Change Since Previous Event	0.11		0.54		0.52		0.97		0.23		0.87	

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
Change Since Previous Event	0.40		1.72		1.10		0.24		0.07		0.59		0.74	

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
Change Since Previous Event	0.32		--		ECOMMISSIONED IN 20		ECOMMISSIONED IN 20		0.09		-	

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
Change Since Previous Event	--		--		--		--		0.11		0.20	

NM - Not Measured

DRY - Well or piezometer was dry

Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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 Standard	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	(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 2007-2020

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	MW-1S 4/16/2019 ug/L	MW-1S 12/12/2019 ug/L	MW-1S 4/1/2020 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	100 U	100 U	100 U
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	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	10 U	3 J	5 U	5 U	5 U	5 U	5 U
Barium	1000	200	34 J	34 J	32	29	31	26	31	35	32	37	29	39	34	33	30
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	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	5 U	5 U	5 U
Calcium		5000	72000	70000	69000	65000	65000 J	59000 J	69000	62600	64100	68300	63500	63900	65100	65700	62500
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	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	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	4 J	2 J	10 U
Iron	300 [3]	100	220	**340**	**520**	**620**	**630**	**750**	**660**	**400**	44 J	**363**	40 J	**335**	64	16 J	31 J
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	120000	110000	110000	99000	110000 J	95000	110000	111000	106000	114000	104000	107000	115000	102000	106000
Manganese	300 [3]	15	83	72	**170**	**117**	**86**	**62**	**127**	38	7 J	51	17	32	13	7 J	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 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	25 U	25 U	25 U
Potassium		5000	4900	5500	5000	3900	4400	3900	4000	4300	4070	5160	3800	4160	3850	4000	3590
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	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	7 U	7 U	7 U
Sodium	20000	5000	**27000**	**26000**	**28000**	**25000**	**25000**	**24000**	**26000**	**25200**	**25400**	**29300**	**25800**	**25700**	**27600**	**24800**	**23900**
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	20 U	3 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	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	50 U	50 U	50 U
Purge Method			PP	PP	PP	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 Stan

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 2007-2020

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2S 6/20/2007 ug/L	MW-2S 11/14/2007 ug/L	MW-2S 5/21/2008 ug/L	MW-2S 12/2/2008 ug/L	MW-2S 4/29/2009 ug/L	MW-2S 12/14/2009 ug/L	MW-2S 4/8/2010 ug/L	MW-2S 12/15/2010 ug/L	MW-2S 6/29/2011 ug/L	MW-2S 12/12/2011 ug/L	MW-2S 6/12/2012 ug/L	MW-2S 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	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:

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ug/l = micrograms per liter

NOTES:

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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	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	4/16/2019	12/12/2019	3/31/2020
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	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	100 U	100 U	100 U
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	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	5 U	5 U	5 U
Barium	1000	200	39 J	44 J	35	37	35	39	41	47	60	85	71	77	74	66	58
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	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	5 U	5 U	5 U
Calcium		5000	60000	56000	50000	53000	53000	48000	58000	36400	41600	51700	54800	55800	55400	58800	58300
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	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	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	4 J	10 U	10 U
Iron	300 [3]	100	29 J	63	60	40	40 J	100	50 U	**591**	64	99	24 J	110	36 J	45 J	116
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	110000	100000	96000	95000	100000	85000	110000	47400	56300	85600	94700	99000	105000	97100	108000
Manganese	300 [3]	15	10 U	5.9 J	3 J	2 J	10 U	53	3 J	18	11	14	6 J	12	3 J	5 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	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	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	2060 J	2300 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	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	7 U	7 U	7 U
Sodium	20000	5000	**33000**	**33000**	**32000**	**32000**	**30000**	**29000**	**32000**	14500	18800	**30700**	**31400**	**32600**	**34100**	**31600**	**32800**
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	20 U	3 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	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	50 U	50 U	7 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID **Sample Date** **Units**	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2D 6/20/2007 ug/L	MW-2D 11/14/2007 ug/L	MW-2D 5/21/2008 ug/L	MW-2D 12/2/2008 ug/L	MW-2D 4/29/2009 ug/L	MW-2D 12/15/2009 ug/L	MW-2D 4/8/2010 ug/L	MW-2D 12/15/2010 ug/L	MW-2D 6/30/2011 ug/L	MW-2D 12/13/2011 ug/L	MW-2D 6/12/2012 ug/L	MW-2D 12/12/2012 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

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NOTES:

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID Sample Date Units	NYSDEC Class GA Standard (ug/L)	CRDL [1] (ug/L)	MW-2D 6/6/2013 ug/L	MW-2D 10/30/2013 ug/L	MW-2D 6/19/2014 ug/L	MW-2D 12/3/2014 ug/L	MW-2D 5/29/2015 ug/L	MW-2D 11/10/2015 ug/L	MW-2D 5/12/2016 ug/L	MW-2D 12/7/2016 ug/L	MW-2D 4/6/2017 ug/L	MW-2D 12/6/2017 ug/L	MW-2D 4/25/2018 ug/L	MW-2D 12/11/2018 ug/L	MW-2D 4/16/2019 ug/L	MW-2D 12/12/2019 ug/L	MW-2D 4/2/2020 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	47 J	77 J	50 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	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	4 J	3 J	5 U
Barium	1000	200	35 J	32 J	25	34	33	27	31	35	42	51	48	34	33	35	30
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	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	5 U	5 U	5 U
Calcium		5000	71000	75000	64000	69000	66000	63000	60000	62300	64700	60800	66600	65500	64200	66700	63000
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	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	20 U	2 J	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	3 J	10 U	10 U
Iron	300 [3]	100	270	**790**	230	240	**570**	210	**470**	**417**	**1140**	**366**	**1000**	**494**	282	278	241
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	120000	130000	110000	110000	120000	100000	110000	117000	111000	113000	115000	115000	120000	104000	111000
Manganese	300 [3]	15	48	**120**	97	107	**104**	95	**85**	**87**	**166**	105	**90**	**83**	79	83	85
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	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	25 U	25 U	25 U
Potassium		5000	5100	6400	7100	4200	5000	3800	3900	3900	4040	7360	7450	4790	8310	4440	5400
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	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	7 U	7 U	7 U
Sodium	20000	5000	**44000**	**49000**	**47000**	**44000**	**45000**	**46000**	**44000**	**43900**	**46100**	**45900**	**50000**	**45900**	**50400**	**42800**	**43400**
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	20 U	4 J	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	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	50 U	4 J	11 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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Table 2
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Goulds Pumps, Inc.
Monitoring Years 2007-2020

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.

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= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

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

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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	MW-2R 4/16/2019 ug/L	MW-2R 12/12/2019 ug/L	MW-2R 3/31/2020 ug/L
Analyte																	
Aluminum		200	400	160	80 J	120	40 J	50 J	110	113	616	123	158	148	1370	536	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	50 U	50 U	20 J
Arsenic	25	10	15	13	14	14	12	13	19	15	16	17	16	19	20	15	17
Barium	1000	200	21 J	18 J	15	14	13	12	14	15	38	17	15	15	25	20	12
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	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	5 U	5 U	5 U
Calcium		5000	250000	220000	230000	230000	230000	210000	240000	224000	223000	235000	221000	231000	230000	241000	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	2 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	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	3 J	2 J	10 U
Iron	300 [3]	100	**2000**	**1600**	**1700**	**1700**	**1600**	**1600**	**1600**	**1740**	**2280**	**1600**	**1640**	**1900**	**3230**	**2190**	**1700**
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	10	4 J	10 U
Magnesium	35000 [2]	5000	94000	87000	92000	84000	94000	79000	93000	96400	85100	90800	85000	90700	86700	84300	88700
Manganese	300 [3]	15	**49**	**44**	**43**	**46**	**42**	**40**	**42**	**43**	**55**	**44**	**43**	**48**	**89**	**53**	**40**
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	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	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	2720	2460 J	2360 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	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	7 U	7 U	7 U
Sodium	20000	5000	**47000**	**44000**	**49000**	**44000**	**46000**	**46000**	**47000**	**45800**	**45500**	**51600**	**46700**	**48100**	**49400**	**46400**	**46700**
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	20 U	3 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	3 J	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	11 J	10 J	50 U
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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

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Table 2
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Goulds Pumps, Inc.
Monitoring Years 2007-2020

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	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	4/16/2019	12/12/2019	4/2/2020
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	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	100 U	100 U	120
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	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	4 J	5 U	2 J
Barium	1000	200	39 J	27 J	26	23	25	22	26	23	25	26	24	26	25	24	15
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	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	5 U	5 U	5 U
Calcium		5000	73000	68000	64000	66000	68000	64000	75000	63500	70400	68900	70800	68100	70800	70300	198000
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	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	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	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**	124	174	309
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	140000	130000	120000	140000	130000	150000	142000	141000	138000	143000	139000	140000	134000	348000
Manganese	300 [3]	15	**210**	80	98	23	45	60	47	33	19	39	24	43	26	30	59
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	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	25 U	25 U	4 J
Potassium		5000	7000	4700	3400	3800	3600	3400	3500	3700	3560	4520	3450	3870	3630	3710	6330
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	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	7 U	7 U	7 U
Sodium	20000	5000	**49000**	**50000**	**47000**	**48000**	**47000**	**49000**	**50000**	**50100**	**50300**	**55300**	**50100**	**51600**	**50400**	**49700**	**110000**
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	20 U	3 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	10 U	10 U	2 J
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	50 U	50 U	12 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

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Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	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 Standard		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	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

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Monitoring Years 2007-2020

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	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	4/16/2019	12/12/2019	4/2/2020
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	ug/L	ug/L	ug/L
Analyte																	
Aluminum		200	120	190	700	250	2700	60 J	1500	2470	287	131	302	242	88 J	175	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	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	2 J	5 U	5 U
Barium	1000	200	24 J	21 J	57	33	61	17	27	36	21	23	19	17	15	18	24
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	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	5 U	5 U	5 U
Calcium		5000	180000	180000	170000	160000	200000	180000	210000	219000	208000	148000	192000	207000	207000	195000	74500
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	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	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	3 J	3 J	10 U
Iron	300 [3]	100	97	200	**1200**	**460**	**3900**	120	**2200**	**3620**	**410**	220	**337**	**378**	223	229	112
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	320000	340000	280000	270000	340000	300000	340000	409000	374000	296000	333000	375000	355000	316000	154000
Manganese	300 [3]	15	45	60	**55**	**119**	**208**	39	**167**	**197**	**132**	29	80	106	131	70	31
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	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	4 J	3 J	10 U
Potassium		5000	12000	19000	7900	8900	9800	7000	8200	6860	6820	6820	7270	6960	7890	6670	3600
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	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	7 U	7 U	7 U
Sodium	20000	5000	**120000**	**110000**	**110000**	**110000**	**110000**	**110000**	**120000**	**107000**	**109000**	**112000**	**111000**	**113000**	**120000**	**96300**	**50700**
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	20 U	4 J	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	10 U	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	5 J	6 J	3 J
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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

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Monitoring Years 2007-2020

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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	4/16/2019	12/12/2019	3/31/2020
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)	(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	32 J	100 U	100 U
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	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	5 U	2 J	5 U
Barium	1000	200	28 J	NS	29	34	33	34	32	34	32	46	40	60	63	68	65
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	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	5 U	5 U	5 U
Calcium		5000	75000	NS	73000	91000	99000	100000	120000	102000	112000	139000	141000	180000	183000	214000	216000
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	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	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	6 J	5 J	10 U
Iron	300 [3]	100	50 U	NS	50 U	30 J	160	140	50	63	60	87	16 J	114	43 J	50 U	12 J
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	140000	NS	140000	150000	190000	170000	200000	195000	200000	234000	247000	318000	309000	318000	361000
Manganese	300 [3]	15	3.8 J	NS	5 J	25 J	45	96	25	8 J	4 J	20	11	14	8 J	14	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	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	25 U	25 U	3 J
Potassium		5000	4800	NS	3600	4400	4600	4900	4700	5220	4820	7800	5340	8260	8240	8520	7890
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	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	7 U	7 U	7 U
Sodium	20000	5000	**34000**	NS	**33000**	**36000**	**47000**	**50000**	**54000**	**53200**	**63900**	**98700**	**120000**	**192000**	**244000**	**280000**	**367000**
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	20 U	4 J	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	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	3 J	50 U	2 J
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

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ug/l = micrograms per liter

NOTES:

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	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		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	(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

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= Concentration is greater than GA Standards

ug/l = micrograms per liter

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Monitoring Years 2007-2020

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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	4/16/2019	12/12/2019	3/31/2020
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	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	679	859	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	50 U	50 U	20 J
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	4 J	5 U	3 J
Barium	1000	200	23 J	NS	55	8 J	18	55	16	13	26	15	22	17	62	46	30
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	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	5 U	5 U	5 U
Calcium		5000	190000	NS	160000	79000	200000	150000	220000	184000	208000	213000	227000	226000	268000	253000	254000
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	9 J	8 J	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	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	9 J	7 J	10 U
Iron	300 [3]	100	220	NS	140	80	**1100**	110	20 J	92	298	232	14 J	69	**4840**	**5070**	93
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	4 J	5 J	10 U
Magnesium	35000 [2]	5000	200000	NS	4400	170000	220000	150000	220000	234000	205000	233000	197000	232000	184000	203000	205000
Manganese	300 [3]	15	11	NS	3 J	10 U	**158**	6 J	18	6 J	10	38	6 J	13	**93**	**84**	4 J
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	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	6 J	6 J	4 J
Potassium		5000	12000	NS	4700	9200	7500	6500	9300	7220	8640	10200	8360	9010	11500	9510	9250
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	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	7 U	7 U	7 U
Sodium	20000	5000	**65000**	NS	**26000**	**59000**	**65000**	**65000**	**84000**	**68000**	**208000**	**128000**	**179000**	**136000**	**388000**	**197000**	**325000**
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	20 U	3 J	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	10 U	2 J	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	833	1820	174
Purge Method			B	B	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

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U = The analyte was analyzed, but not detected.

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I = Matrix Interference

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= Concentration is greater than GA Stand

ug/l = micrograms per liter

NOTES:

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	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 Standard		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	(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:

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= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

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

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Table 2
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Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	MW-5R	MW-5R	MW-5R	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 Standard		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	4/16/2019	12/12/2019	3/31/2020
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	ug/L	ug/L	ug/L
Analyte																	
Aluminum		200	68 J	NS	1300	2100	570	2400	410	1180	378	288	392	380	1020	2120	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	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	4 J	5 U	5 U
Barium	1000	200	21 J	NS	43	70	23	49	30	59	22	25	15	22	30	19	11
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	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	5 U	5 U	5 U
Calcium		5000	570000	NS	260000	310000	480000	420000	530000	392000	476000	536000	479000	494000	468000	524000	533000
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	5 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	2 J	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	6 J	10 U	10 U
Iron	300 [3]	100	**950**	NS	**3600**	**7800**	**1400**	**6000**	**1200**	**3550**	**1570**	**2920**	**1150**	**1760**	**6760**	**8450**	**483**
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	6 J	10 U	10 U
Magnesium	35000 [2]	5000	98000	NS	53000	61000	90000	72000	84000	74200	78700	85100	80100	89200	78400	80600	88700
Manganese	300 [3]	15	**32**	NS	**87**	**187**	**68**	**142**	**63**	**81**	**51**	**77**	**43**	**55**	**113**	**42**	**27**
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	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	3 J	25 U	25 U
Potassium		5000	7200	NS	8600	8800	8000	7700	7800	7970	7040	8900	6070	6770	8380	6040	6240
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	5 J	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	7 U	7 U	7 U
Sodium	20000	5000	**67000**	NS	**120000**	**110000**	**130000**	**86000**	**180000**	**288000**	**288000**	**184000**	**176000**	**146000**	**390000**	**90200**	**102000**
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	20 U	2 J	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	2 J	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	16 J	8 J	4 U
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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NOTES:

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Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	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		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

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NOTES:

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Table 2
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Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	MW-7S	MW-7S	MW-7S	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 Standard		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	4/16/2019	12/12/2019	3/31/2020
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	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	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	50 U	50 U	9 J
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	3 J	5 U	5 U
Barium	1000	200	53 J	52 J	56	50	62	62	58	59	50	38	48	47	63	53	57
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	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	5 U	5 U	5 U
Calcium		5000	62000	68000	57000	67000	59000	64000	65000	65700	54200	55600	55700	59400	60500	72700	65400
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	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	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	2 J	10 U	4 J
Iron	300 [3]	100	**960**	**1100**	**590**	**460**	**1200**	**340**	**580**	**414**	**444**	**446**	**315**	**551**	**218**	**546**	**250**
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	31000	29000	33000	30000	34000	27000	31000	32400	25900	14000	26300	21300	32600	22800	25900
Manganese	300 [3]	15	**400**	**510**	**359**	**441**	**404**	**303**	**487**	**362**	**311**	**370**	**232**	**361**	**291**	**466**	**255**
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	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	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	1870 J	2370 J	1800 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	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	7 U	7 U	7 U
Sodium	20000	5000	11000	10000	12000	12000	**21000**	16000	16000	14000	11300	9640	12200	11000	17500	**25400**	**24500**
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	20 U	4 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	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	50 U	50 U	50 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

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Monitoring Years 2007-2020

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:

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= Concentration is greater than GA Standards

ug/l = micrograms per liter

NOTES:

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

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SP - Submersible Pump with Dedicated Tubing

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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	MW-8S 4/16/2019 ug/L	MW-8S 12/12/2019 ug/L	MW-8S 4/1/2020 ug/L
Analyte																	
Aluminum		200	550	100 U	100 U	100 U	220	100 U	170	100 U	186	48	100 U	103	100 U	100 U	100 U
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	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	2 J	5 U	5 U
Barium	1000	200	50 J	66 J	41	52	51	53	59	53	55	60	48	59	48	52	45
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	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	5 U	5 U	5 U
Calcium		5000	62000	59000	50000	54000	56000	53000	58000	55100	56700	52500	56900	58400	55600	60600	59600
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	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	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	3 J	5 J	8 J
Iron	300 [3]	100	**340**	130	20	20	220	50 U	220	11 J	231	99	24 J	191	43 J	73	22 J
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	92000	82000	80000	80000	85000	74000	78000	81000	82600	79900	82200	83600	88000	88300	92700
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	3 J	7 J	3 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	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	25 U	25 U	25 U
Potassium		5000	5000	4900	3500	3700	4200	3700	3500	3840	3720	4550	3620	4010	4340	4030	3900
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	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	7 U	7 U	7 U
Sodium	20000	5000	**33000**	**31000**	**28000**	**30000**	**32000**	**33000**	**37000**	**31500**	**35500**	**35400**	**32400**	**35900**	**34000**	**32600**	**31700**
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	20 U	3 J	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	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	50 U	4 J	50 U
Purge Method			PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP

CONCENTRATION QUALIFIERS:

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	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		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

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NOTES:

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	MW-8D	MW-8D	MW-8D	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		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	4/16/2019	12/12/2019	4/2/2020
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	ug/L	ug/L	ug/L
Analyte																	
Aluminum		200	250	480	150	320	260	140	790	1070	3070	101	812	389	162	65 J	339 J
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	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	10	7	6
Barium	1000	200	43 J	48 J	6 J	45	32	32	52	42	78	35	40	39	36	32	37
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	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	5 U	5 U	5 U
Calcium		5000	74000	66000	500000	66000	54000	60000	78000	71000	98600	63500	76000	78800	70400	76200	63600
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	10 U	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	20 U	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	10 U	10 U	10 U
Iron	300 [3]	100	270	**600**	**1300**	**640**	290	**360**	**1300**	**1580**	**4930**	215	**1120**	**728**	255	117	**768**
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	10 U	10 U	10 U
Magnesium	35000 [2]	5000	160000	140000	120000	140000	140000	130000	150000	147000	160000	150000	154000	161000	145000	153000	147000
Manganese	300 [3]	15	22	**30**	**25**	**31**	16	20	**60**	**54**	**163**	24	**52**	**53**	31	26	**50**
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	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	25 U	25 U	25 U
Potassium		5000	17000	17000	7300	14000	15000	12000	13000	11800	12000	12000	11800	11800	12700	11000	11900
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	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	7 U	7 U	7 U
Sodium	20000	5000	**53000**	**50000**	**160000**	**52000**	**50000**	**48000**	**52000**	**49200**	**50700**	**50900**	**54000**	**52400**	**56400**	**50300**	**49900**
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	20 U	3 J	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	10 U	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	3 J	2 J	3
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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Table 2
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Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	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		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

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Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

Sample ID	NYSDEC	CRDL [1]	MW-8R	MW-8R	MW-8R	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		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	4/16/2019	12/12/2019	4/1/2020
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	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	158	355	100 U
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	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	6	5 U	5 U
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	7 J	8 J	5 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	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	5 U	5 U	5 U
Calcium		5000	550000	540000	500000	490000	510000	460000	540000	524000	514000	493000	547000	548000	517000	537000	515000
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	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	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	10 J	2 J	10 U
Iron	300 [3]	100	**1300**	**1500**	**1300**	**1300**	**1500**	**1100**	**1100**	**2970**	**1180**	**1490**	**1240**	**1280**	**1340**	**1450**	**1140**
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	10 J	10 U	10 U
Magnesium	35000 [2]	5000	130000	130000	120000	110000	120000	100000	110000	129000	115000	120000	117000	127000	115000	114000	115000
Manganese	300 [3]	15	**19**	**27**	**25**	**26**	**38**	**17**	**19**	**67**	**18**	**37**	**23**	**23**	**26**	**33**	**17**
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	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	25 U	25 U	25 U
Potassium		5000	8700	9300	7300	6900	7800	7000	7000	7420	7150	7850	6990	8300	8640	7430	6990
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	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	7 U	7 U	7 U
Sodium	20000	5000	**170000**	**170000**	**160000**	**150000**	**160000**	**150000**	**160000**	**160000**	**162000**	**163000**	**165000**	**172000**	**180000**	**158000**	**161000**
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	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	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	3 J	4 J	50 U
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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

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Table 2
Analyitical Summary of Post-Closure GW Monitoring
Goulds Pumps, Inc.
Monitoring Years 2007-2020

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	4/16/2019	12/12/2019	3/31/2020
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	ug/L	ug/L	ug/L
Analyte																	
Aluminum		200	6000	4200	540	1100	30000	11000	8600	35800	1680	885	916	478	2440	12900	8640
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	12 J	21 J	30 J
Arsenic	25	10	**34**	23	5	9	9	**35**	**43**	5 U	8	8	11	4 J	19	12	24
Barium	1000	200	320	270	107	133	**2380**	646	361	**1710**	117	109	106	97	189	932	771
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	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	1 J	8	5 U
Calcium		5000	120000	130000	88000	82000	590000	200000	140000	544000	83300	74600	75100	72900	125000	295000	259000
Chromium	50	10	20	14	2.1 J	3.7 J	**80**	30	20	**72**	4 J	4 J	10 U	2 J	7 J	**65**	31
Cobalt		50	14	9.8 J	20 U	20 U	65	19 J	13 J	55	2 J	2 J	2 J	2 J	5 J	33	27
Copper	200	25	**510**	**270**	47	97	**5990**	**1390**	**627**	**3790**	79	73	103	46	**243**	**1810**	**1970**
Iron	300 [3]	100	**84000**	**47000**	**4800**	**10000**	**400**	**200000**	**86000**	**360000**	**12800**	**9700**	**19100**	**4080**	**31800**	**212000**	**227000**
Lead	25	3	**180**	**110**	19	**44**	**1270**	**355**	**201**	**951**	**32**	**29**	**30**	16	**93**	**534**	**509**
Magnesium	35000 [2]	5000	29000	20000	43000	25000	81000	43000	33000	38000	14200	7860	45700	25800	67600	51600	67300
Manganese	300 [3]	15	**790**	**810**	**143**	**293**	**6450**	**1660**	**888**	**4850**	**178**	**185**	**197**	**184**	**512**	**2750**	**2**
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	**0.8**	**3.37**	**4.14**
Nickel	100	40	69	47	9 J	16 J	**488**	**142**	**77**	**378**	13 J	14 J	16 J	8 J	37	**198**	**197**
Potassium		5000	110000	93000	55000	67000	28000	32000	44000	69800	72800	83200	37800	53200	32200	38600	18900
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	10 U	8 J	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	7 U	7 U	7 U
Sodium	20000	5000	**56000**	**39000**	**33000**	**31000**	**26000**	**23000**	**29000**	**31600**	**31400**	**33000**	**37000**	**31500**	**35000**	**29300**	**27100**
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	20 U	6 J	4 J
Vanadium		50	54 J	40	8 J	14	134	111	60	116	11	11	17	8 J	31	170	155
Zinc	2000	20	510	310	53	107	**3940**	1100	699	**3370**	115	78	103	57	228	1670	1470
Purge Method			B	B	B	B	B	B	B	B	B	B	B	B	B	B	B

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TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2020

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										
3/31/2020	1135	NM	2.83	0.0	11.45	7.14	1.12	1.5	3.11	PP
3/31/2020	1139	NM	NM	1.0	11.81	7.15	1.11	1.1	3.23	PP
3/31/2020	1142	NM	NM	2.0	11.91	7.15	1.07	0.9	3.48	PP
3/31/2020	1149	NM	NM	3.0	10.57	7.15	1.07	0.0	2.65	PP
3/31/2020	1155	NM	NM	4.0	10.31	7.14	1.07	0.0	3.01	PP
3/31/2020	1202	NM	NM	5.0	9.39	7.18	1.07	0.0	3.50	PP
3/31/2020	1203	Collect sample **MW-1S** for TAL Metals.								
MW-2S										
3/31/2020	1137	NM	2.96	0.0	11.92	7.07	1.10	0.0	4.72	PP
3/31/2020	1141	NM	NM	0.5	11.00	6.86	1.07	0.2	0.72	PP
3/31/2020	1145	NM	NM	1.0	9.16	6.69	1.06	0.0	0.62	PP
3/31/2020	1149	NM	NM	1.5	9.01	6.61	1.05	0.1	0.59	PP
3/31/2020	1155	NM	NM	2.0	9.03	6.55	1.05	0.0	0.59	PP
3/31/2020	1159	NM	NM	2.5	9.06	6.54	1.05	0.0	0.57	PP
3/31/2020	1200	Collect sample **MW-2S** for TAL Metals.								

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PURGE LOGS
GOULDS PUMPS, INC.
April 2020

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										
3/31/2020	1345	NM	4.31	0	12.85	6,90	1.15	21.6	5.01	B
3/31/2020	1347	NM	NM	1	11.28	6.85	1.16	18.8	4.56	B
3/31/2020	1350	NM	NM	2	11.46	6.72	1.20	5.2	3.82	B
3/31/2020	1352	NM	NM	3	11.32	6.67	1.22	16.4	3.54	B
3/31/2020	1354	NM	NM	4	11.47	6.67	1.21	24.5	10.80	B
3/31/2020	1356	Bailed well dry.								
4/1/2020	1024	NM	NM	0	7.67	7.22	1.18	11.3	5.52	B
4/1/2020	1024	Collect sample **MW-2D** for TAL Metals.								
MW-2R										
3/31/2020	1344	81.92	22.95	0	10.24	12.45	1.01	23.0	1.94	B
3/31/2020	1348	NM	NM	5	10.10	10.25	1.53	26.2	8.65	B
3/31/2020	1352	NM	NM	10	10.05	10.32	1.56	25.1	1.74	B
3/31/2020	1356	NM	NM	15	10.04	10.30	1.56	16.4	1.69	B
3/31/2020	1404	NM	NM	20	10.07	10.28	1.55	18.5	1.68	B
3/31/2020	1409	NM	NM	25	10.06	10.30	1.56	18.5	1.81	B
3/31/2020	1415	NM	NM	30	10.05	10.29	1.56	21.1	1.75	B
3/31/2020	1416	Collect sample **MW-2R** for TAL Metals.								

TABLE 3
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PURGE LOGS
GOULDS PUMPS, INC.
April 2020

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										
4/1/2020	917	NM	NM	0.0	6.08	6.38	1.35	2.6	4.90	PP
4/1/2020	924	NM	NM	0.5	6.35	6.80	1.46	0.0	5.42	PP
4/1/2020	931	NM	NM	1.0	6.44	6.90	1.44	3.8	6.83	PP
4/1/2020	937	NM	NM	1.5	6.55	6.94	1.44	0.0	12.95	PP
4/1/2020	944	NM	NM	2.0	6.75	6.97	1.43	0.0	12.96	PP
4/1/2020	948	NM	NM	2.5	6.80	7.00	1.43	0.0	6.10	PP
4/1/2020	949	Collect sample **MW-4S** for TAL Metals.								
MW-4D										
4/1/2020	1658	NM	NM	0.0	8.91	7.23	2.64	31.5	4.46	B
4/1/2020	1703	NM	NM	2.5	8.80	7.22	2.64	31.9	4.48	B
4/1/2020	1709	NM	NM	5.0	8.83	7.13	2.69	69.7	4.29	B
4/1/2020	1714	NM	NM	6.0	9.90	7.05	3.08	86.6	3.62	B
4/1/2020	1714	Bailed well dry.								
4/2/2020	913	NM	NM	0.0	6.73	5.66	3.15	35.4	6.75	B
4/2/2020	913	Collect sample **MW-4D** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2020

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										
4/1/2020	900	18.26	4.11	0	7.85	7.36	5.59	1.2	4.78	PP
4/1/2020	924	NM	NM	1	9.32	6.63	5.67	0	1.98	PP
4/1/2020	929	NM	NM	2	9.74	6.67	5.62	0	1.91	PP
4/1/2020	937	NM	NM	3	9.81	6.71	5.67	0	1.62	PP
4/1/2020	945	NM	NM	4	10.00	6.74	5.63	0	1.49	PP
4/1/2020	1006	Collect sample **MW-5S** for TAL Metals.								
MW-5D										
4/1/2020	927	NM	NM	0	8.33	4.43	4.01	0	11.44	PP
4/1/2020	953	NM	NM	1.0	11.26	6.34	3.86	0	5.00	PP
4/1/2020	1020	NM	NM	2.0	12.22	6.51	3.78	0	4.08	PP
4/1/2020	1055	NM	NM	3.0	13.55	6.48	3.72	0	7.66	PP
4/1/2020	1100	Collect sample **MW-5D** for TAL Metals.								
MW-5R										
3/31/2020	1029	81.22	14.94	0	10.34	7.00	3.69	31.2	4.31	B
3/31/2020	1034	NM	NM	5.5	11.23	6.86	3.56	2.7	2.82	B
3/31/2020	1040	NM	NM	11	11.15	6.84	3.08	0	1.55	B
3/31/2020	1045	NM	NM	16.5	11.13	6.83	3.08	0	1.53	B
3/31/2020	1050	NM	NM	22	11.11	6.80	2.97	0	2.77	B
3/31/2020	1056	NM	NM	27.5	11.25	6.78	3.00	0	1.63	B
3/31/2020	1102	NM	NM	33	11.32	6.79	2.94	0	1.99	B
3/31/2020	1103	Collect sample **MW-5R** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2020

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										
3/31/2020	1632	17.40	3.86	0	10.00	10.60	0.583	21.1	5.18	PP
3/31/2020	1640	NM	NM	0.5	9.30	9.82	0.535	13.6	3.84	PP
3/31/2020	1648	NM	NM	1.0	9.36	9.28	0.555	8.5	2.77	PP
3/31/2020	1656	NM	NM	1.5	9.43	8.75	0.564	1.9	2.14	PP
3/31/2020	1704	NM	NM	2.0	9.45	9.01	0.569	0.6	1.89	PP
3/31/2020	1705	Collect sample **MW-7S** for TAL Metals.								
MW-8S										
4/1/2020	1540	27.94	8.49	0	10.52	7.14	1.05	0.0	3.27	PP
4/1/2020	1546	NM	NM	0.5	10.20	6.85	1.04	0.0	2.70	PP
4/1/2020	1553	NM	NM	1.0	10.08	6.74	1.04	0.0	3.20	PP
4/1/2020	1600	NM	NM	1.5	10.12	6.70	1.04	0.0	2.78	PP
4/1/2020	1608	NM	NM	2.0	9.89	6.70	1.05	0.0	2.79	PP
4/1/2020	1615	NM	NM	2.5	9.84	6.67	1.05	0.0	2.50	PP
4/1/2020	1622	NM	NM	3.0	9.87	6.64	1.05	0.0	2.29	PP
4/1/2020	1625	Collect sample **MW-8S** for TAL Metals.								
MW-8D										
3/31/2020	1316	41.00	20.64	0	12.21	7.38	1.34	226	4.30	B
3/31/2020	1320	NM	NM	1.5	11.39	7.31	1.36	208	3.86	B
3/31/2020	1325	NM	NM	3.0	11.66	7.25	1.35	387	3.48	B
3/31/2020	1328	Bailed well dry.								
4/1/2020	1455	NM	NM	0	8.39	7.31	1.41	18.1	5.67	B
4/1/2020	1455	Collect sample **MW-8D** for TAL Metals.								

TABLE 3
POST-CLOSURE GROUNDWATER MONITORING
PURGE LOGS
GOULDS PUMPS, INC.
April 2020

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										
4/1/2020	1531	78.69	14.82	0	10.70	6.88	3.35	2	1.78	B
4/1/2020	1536	NM	NM	5	10.52	6.91	3.33	0	1.64	B
4/1/2020	1552	NM	NM	10.5	11.14	6.86	3.33	0	1.32	B
4/1/2020	1558	NM	NM	15.5	11.50	6.86	3.32	0	1.08	B
4/1/2020	1610	NM	NM	21.0	11.03	6.87	3.34	0	1.41	B
4/1/2020	1622	NM	NM	26.5	10.62	6.87	3.34	0	2.56	B
4/1/2020	1642	NM	NM	32	9.49	6.88	3.34	0	2.68	B
4/1/2020	1643	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.

ATTACHMENT 1

Second Quarter 2020 Inspection Forms

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: March 31 2020

Weather Conditions:	Overcast	**On-site Personnel:**	D. Gibson
Temperature:	50º F		J. Duquette
Wind Direction:	W, NW		

Inspection Checklist - Site Features

Landfill Component	Acceptable	Not Acceptable	Comments
Cap System:			
General condition [1]	X		
Vegetative cover [2]	X		On cap vegetation mowed to an acceptable length.
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		Lock and chain has been placed across access road by Goulds to prevent unauthorized access to the landfill.
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:

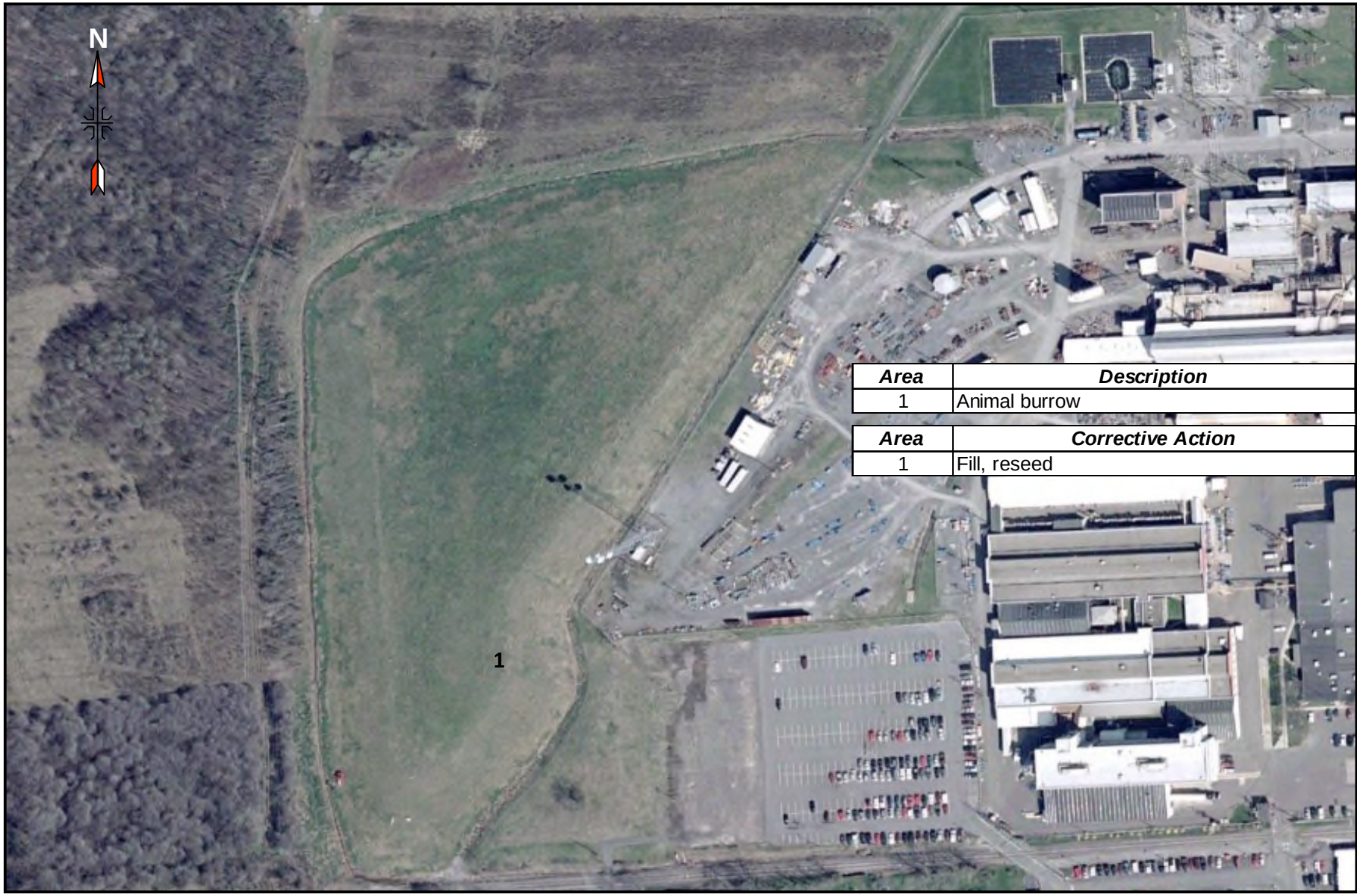
(1) Note areas of erosion, settlement, leachate breakthrough, and animal burrowing. Show on site sketch.

(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: March 31 2020

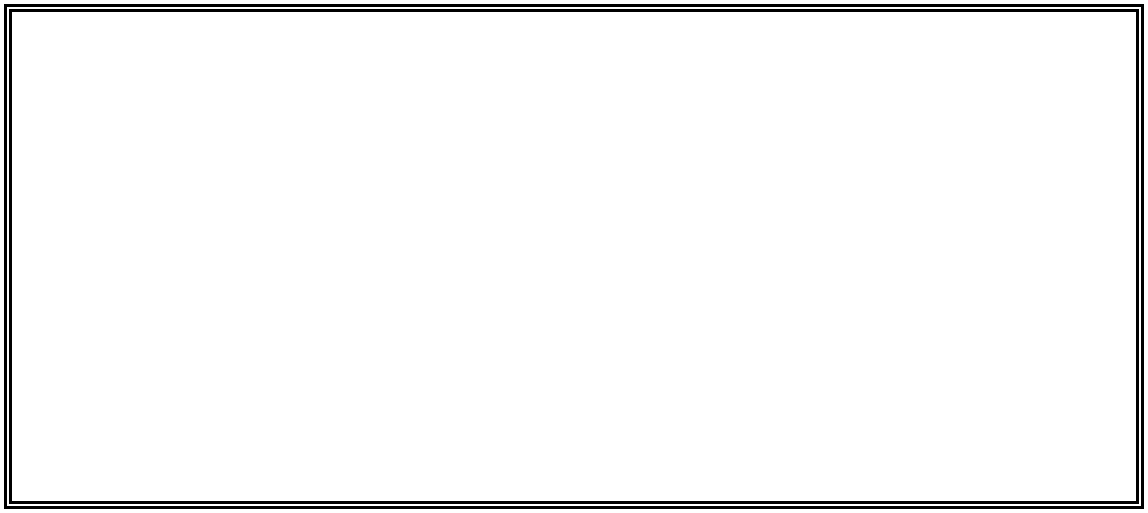


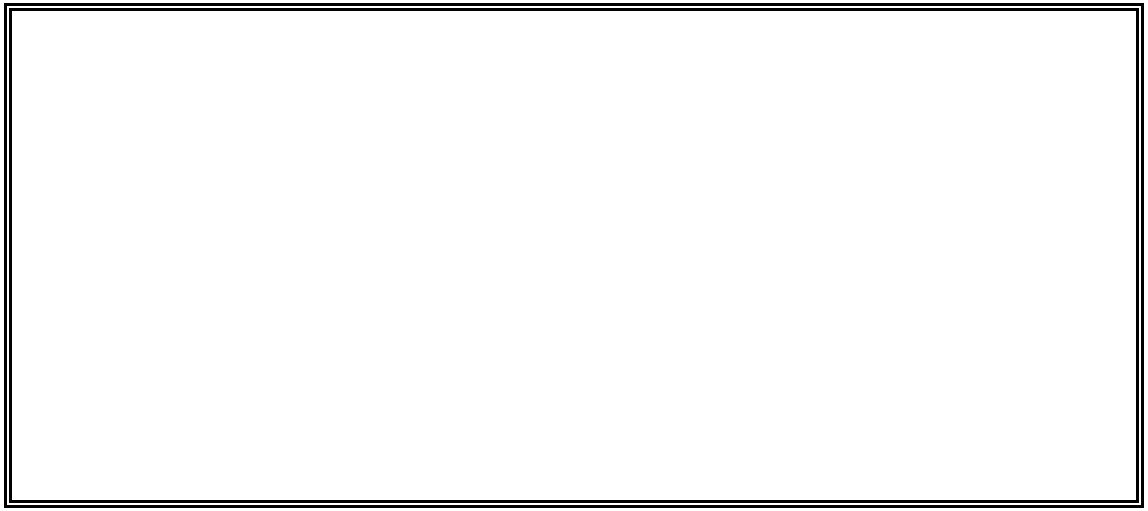
Area	Description
1	Animal burrow

Area	Corrective Action
1	Fill, reseed

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: March 31 2020

Additional Sketches and Comments





Comments: None.

Comments: None.

Goulds Pumps, Inc.
Post-Closure Quarterly Inspection Form
Date of Inspection: March 31 2020

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)	2.83	2.96	4.30	22.95	3.23	9.19	4.51	11.56	16.04	3.86	8.49	20.64	14.84
Time reading taken	900	850	851	853	835	837	954	956	952	910	812	816	814
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)	13.60	DRY	-	-	8.02	7.73	DRY	DRY	DRY	DRY	DRY	3.88	
Time reading taken	846	842	-	-	810	820	818	844	841	833	831	828	
							(2)						
Leachate Collection Manhole:	MH												
General condition [1]	A												
Cover [1]	A												
Condition of boot/strapping [1]	A												
Depth to water (ft)	15.70												
Time reading taken	825												
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	831	832	832	834	834	843	843	847	844	846	845		

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

ATTACHMENT 2

Summary Data Packages – Alpha Analytical

ANALYTICAL REPORT

Lab Number:	L2014328
Client:	Arcadis U.S, Inc. 855 Route 146, Suite 210 Clifton Park, NY 12065
ATTN:	Elias Moskal
Phone:	(518) 250-7300
Project Name:	GOULDS CLOSED LANDFILL
Project Number:	30049594
Report Date:	04/07/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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 CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2014328-01	MW-7S	WATER	SENECA FALLS, NY	03/31/20 17:05	04/02/20
L2014328-02	MW-5S	WATER	SENECA FALLS, NY	03/31/20 10:06	04/02/20
L2014328-03	MW-5D	WATER	SENECA FALLS, NY	03/31/20 11:00	04/02/20
L2014328-04	MW-5R	WATER	SENECA FALLS, NY	03/31/20 11:03	04/02/20
L2014328-05	MW-2S	WATER	SENECA FALLS, NY	03/31/20 12:00	04/02/20
L2014328-06	MW-2R	WATER	SENECA FALLS, NY	03/31/20 14:16	04/02/20
L2014328-07	MANHOLE	WATER	SENECA FALLS, NY	04/01/20 15:12	04/02/20
L2014328-08	MW-8R	WATER	SENECA FALLS, NY	04/01/20 16:43	04/02/20
L2014328-09	MW-8S	WATER	SENECA FALLS, NY	04/01/20 16:25	04/02/20
L2014328-10	MW-4D	WATER	SENECA FALLS, NY	04/02/20 09:12	04/02/20
L2014328-11	MW-2D	WATER	SENECA FALLS, NY	04/02/20 10:24	04/02/20
L2014328-12	MW-8R	WATER	SENECA FALLS, NY	04/01/20 16:43	04/02/20
L2014328-13	MW-8D	WATER	SENECA FALLS, NY	04/02/20 10:07	04/02/20
L2014328-14	MW-1S	WATER	SENECA FALLS, NY	04/01/20 12:03	04/02/20
L2014328-15	MW-4S	WATER	SENECA FALLS, NY	04/02/20 09:13	04/02/20
L2014328-16	DUP-20200401	WATER	SENECA FALLS, NY	04/01/20 00:00	04/02/20

Project Name:	GOULDS CLOSED LANDFILL	**Lab Number:**	L2014328
Project Number:	30049594	**Report Date:**	04/07/20

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 CLOSED LANDFILL	**Lab Number:**	L2014328
Project Number:	30049594	**Report Date:**	04/07/20

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

L2014328-12: A sample identified as "MW-8R" was listed on the Chain of Custody, but not received. This was verified by the client.

Total Metals

The WG1358054-7 MS recovery for sodium (40%), performed on L2014328-02, does not apply because the sample concentration is greater than four times the spike amount added.

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

Title: Technical Director/Representative Date: 04/07/20

METALS

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-01 Date Collected: 03/31/20 17:05

Client ID: MW-7S Date Received: 04/02/20

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	0.032	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Antimony, Total	0.009	J	mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Barium, Total	0.057		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Calcium, Total	65.4		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Copper, Total	0.004	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Iron, Total	0.250		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Magnesium, Total	25.9		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Manganese, Total	0.255		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:06	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Potassium, Total	1.80	J	mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Sodium, Total	24.5		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC
Zinc, Total	ND		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 16:40	EPA 3005A	19,200.7	LC

Project Name: GOULDS CLOSED LANDFILL
Lab Number: L2014328
Project Number: 30049594
Report Date: 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-02
Client ID: MW-5S
Sample Location: SENECA FALLS, NY
Date Collected: 03/31/20 10:06
Date Received: 04/02/20
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	0.032	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Barium, Total	0.065		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Calcium, Total	216		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Iron, Total	0.012	J	mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Magnesium, Total	361		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Manganese, Total	0.014		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:08	EPA 245.1	3,245.1	AL
Nickel, Total	0.003	J	mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Potassium, Total	7.89		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Sodium, Total	367		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV
Zinc, Total	0.002	J	mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 17:24	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594
Lab Number: L2014328
Report Date: 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-03
Client ID: MW-5D
Sample Location: SENECA FALLS, NY
Sample Depth:
Matrix: Water

Date Collected: 03/31/20 11:00
Date Received: 04/02/20
Field Prep: Not Specified

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	0.032	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Antimony, Total	0.020	J	mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Arsenic, Total	0.003	J	mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Barium, Total	0.030		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Calcium, Total	254		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Iron, Total	0.093		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Magnesium, Total	205		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Manganese, Total	0.004	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 10:59	EPA 245.1	3,245.1	AL
Nickel, Total	0.004	J	mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Potassium, Total	9.25		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Sodium, Total	325		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC
Zinc, Total	0.174		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 16:57	EPA 3005A	19,200.7	LC

Project Name: GOULDS CLOSED LANDFILL
Lab Number: L2014328
Project Number: 30049594
Report Date: 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-04
Client ID: MW-5R
Sample Location: SENECA FALLS, NY
Date Collected: 03/31/20 11:03
Date Received: 04/02/20
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	0.032	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Barium, Total	0.011		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Calcium, Total	533		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Iron, Total	0.483		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Magnesium, Total	88.7		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Manganese, Total	0.027		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:10	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Potassium, Total	6.24		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Sodium, Total	102		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC
Zinc, Total	0.004	J	mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 17:01	EPA 3005A	19,200.7	LC

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-05 Date Collected: 03/31/20 12:00

Client ID: MW-2S Date Received: 04/02/20

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	0.032	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Barium, Total	0.058		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Calcium, Total	58.3		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Iron, Total	0.116		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Magnesium, Total	108		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Manganese, Total	0.012		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:12	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Potassium, Total	2.26	J	mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Sodium, Total	32.8		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC
Zinc, Total	0.007	J	mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 17:06	EPA 3005A	19,200.7	LC

Project Name: GOULDS CLOSED LANDFILL
Lab Number: L2014328
Project Number: 30049594
Report Date: 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-06
Client ID: MW-2R
Sample Location: SENECA FALLS, NY
Date Collected: 03/31/20 14:16
Date Received: 04/02/20
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	0.032	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Antimony, Total	0.020	J	mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Arsenic, Total	0.017		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Barium, Total	0.012		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Calcium, Total	231		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Iron, Total	1.70		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Magnesium, Total	88.7		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Manganese, Total	0.040		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:19	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Potassium, Total	2.36	J	mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Sodium, Total	46.7		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV
Zinc, Total	ND		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 17:42	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-07 Date Collected: 04/01/20 15:12

Client ID: MANHOLE Date Received: 04/02/20

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	8.64		mg/l	0.100	0.032	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Antimony, Total	0.030	J	mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Arsenic, Total	0.024		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Barium, Total	0.771		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Calcium, Total	259		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Chromium, Total	0.031		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Cobalt, Total	0.027		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Copper, Total	1.97		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Iron, Total	227		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Lead, Total	0.509		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Magnesium, Total	67.3		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Manganese, Total	2.39		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Mercury, Total	0.00414		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:21	EPA 245.1	3,245.1	AL
Nickel, Total	0.197		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Potassium, Total	18.9		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Sodium, Total	27.1		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Thallium, Total	0.004	J	mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Vanadium, Total	0.155		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV
Zinc, Total	1.47		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 17:46	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-08 Date Collected: 04/01/20 16:43

Client ID: MW-8R Date Received: 04/02/20

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	0.032	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Barium, Total	0.005	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Calcium, Total	515		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Iron, Total	1.14		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Magnesium, Total	115		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Manganese, Total	0.017		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:23	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Potassium, Total	6.99		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Sodium, Total	161		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV
Zinc, Total	ND		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 17:51	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-09 Date Collected: 04/01/20 16:25

Client ID: MW-8S Date Received: 04/02/20

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	0.032	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Barium, Total	0.045		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Calcium, Total	59.6		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Copper, Total	0.008	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Iron, Total	0.022	J	mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Magnesium, Total	92.7		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Manganese, Total	0.003	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:26	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Potassium, Total	3.90		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Sodium, Total	31.7		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV
Zinc, Total	ND		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 17:56	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-10 Date Collected: 04/02/20 09:12

Client ID: MW-4D Date Received: 04/02/20

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	0.032	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Barium, Total	0.024		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Calcium, Total	74.5		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Iron, Total	0.112		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Magnesium, Total	154		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Manganese, Total	0.031		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:28	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Potassium, Total	3.60		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Sodium, Total	50.7		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV
Zinc, Total	0.003	J	mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 18:00	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-11 Date Collected: 04/02/20 10:24

Client ID: MW-2D Date Received: 04/02/20

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	0.050	J	mg/l	0.100	0.032	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Barium, Total	0.030		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Calcium, Total	63.0		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Iron, Total	0.241		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Magnesium, Total	111		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Manganese, Total	0.085		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:30	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Potassium, Total	5.40		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Sodium, Total	43.4		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV
Zinc, Total	0.011	J	mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 18:31	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-13 Date Collected: 04/02/20 10:07

Client ID: MW-8D Date Received: 04/02/20

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	0.339		mg/l	0.100	0.032	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Arsenic, Total	0.006		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Barium, Total	0.037		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Calcium, Total	63.6		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Iron, Total	0.768		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Magnesium, Total	147		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Manganese, Total	0.050		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:32	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Potassium, Total	11.9		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Sodium, Total	49.9		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV
Zinc, Total	0.003	J	mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 18:35	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-14 Date Collected: 04/01/20 12:03

Client ID: MW-1S Date Received: 04/02/20

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	0.032	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Barium, Total	0.030		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Calcium, Total	62.5		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Iron, Total	0.031	J	mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Magnesium, Total	106		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Manganese, Total	0.009	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:35	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Potassium, Total	3.59		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Sodium, Total	23.9		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV
Zinc, Total	ND		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 18:40	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-15 Date Collected: 04/02/20 09:13

Client ID: MW-4S Date Received: 04/02/20

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	0.120		mg/l	0.100	0.032	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Barium, Total	0.015		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Calcium, Total	198		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Iron, Total	0.309		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Magnesium, Total	348		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Manganese, Total	0.059		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:37	EPA 245.1	3,245.1	AL
Nickel, Total	0.004	J	mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Potassium, Total	6.33		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Sodium, Total	110		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Vanadium, Total	0.002	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV
Zinc, Total	0.012	J	mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 18:44	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

SAMPLE RESULTS

Lab ID: L2014328-16 Date Collected: 04/01/20 00:00

Client ID: DUP-20200401 Date Received: 04/02/20

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	0.032	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Arsenic, Total	0.004	J	mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Barium, Total	0.005	J	mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Calcium, Total	517		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Iron, Total	1.10		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Magnesium, Total	117		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Manganese, Total	0.018		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 11:39	EPA 245.1	3,245.1	AL
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Potassium, Total	7.10		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Sodium, Total	163		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV
Zinc, Total	ND		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 18:49	EPA 3005A	19,200.7	BV

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

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): 01-11,13-16 Batch: WG1358054-1										
Aluminum, Total	ND		mg/l	0.100	0.032	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Antimony, Total	ND		mg/l	0.050	0.007	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Barium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Calcium, Total	ND		mg/l	0.100	0.035	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Copper, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Iron, Total	ND		mg/l	0.050	0.009	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Lead, Total	ND		mg/l	0.010	0.003	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Magnesium, Total	ND		mg/l	0.100	0.015	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Manganese, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Nickel, Total	ND		mg/l	0.025	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Potassium, Total	ND		mg/l	2.50	0.237	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Silver, Total	ND		mg/l	0.007	0.003	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Sodium, Total	ND		mg/l	2.00	0.120	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC
Zinc, Total	ND		mg/l	0.050	0.002	1	04/03/20 19:47	04/06/20 16:31	19,200.7	LC

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): 01-11,13-16 Batch: WG1358055-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	04/03/20 19:51	04/04/20 10:55	3,245.1	AL

Project Name: GOULDS CLOSED LANDFILL **Lab Number:** L2014328

Project Number: 30049594 **Report Date:** 04/07/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 245.1

Lab Control Sample Analysis

Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL

Project Number: 30049594

Lab Number: L2014328

Report Date: 04/07/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 Batch: WG1358054-2								
Aluminum, Total	102		-		85-115	-		
Antimony, Total	104		-		85-115	-		
Arsenic, Total	101		-		85-115	-		
Barium, Total	100		-		85-115	-		
Beryllium, Total	101		-		85-115	-		
Cadmium, Total	102		-		85-115	-		
Calcium, Total	96		-		85-115	-		
Chromium, Total	103		-		85-115	-		
Cobalt, Total	100		-		85-115	-		
Copper, Total	93		-		85-115	-		
Iron, Total	105		-		85-115	-		
Lead, Total	100		-		85-115	-		
Magnesium, Total	100		-		85-115	-		
Manganese, Total	96		-		85-115	-		
Nickel, Total	102		-		85-115	-		
Potassium, Total	97		-		85-115	-		
Selenium, Total	98		-		85-115	-		
Silver, Total	96		-		85-115	-		
Sodium, Total	96		-		85-115	-		
Thallium, Total	96		-		85-115	-		
Vanadium, Total	102		-		85-115	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL

Project Number: 30049594

Lab Number: L2014328

Report Date: 04/07/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 Batch: WG1358054-2					
Zinc, Total	107	-	85-115	-	
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 Batch: WG1358055-2					
Mercury, Total	106	-	85-115	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

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): 01-11,13-16 QC Batch ID: WG1358054-3 QC Sample: L2014328-01 Client ID: MW-7S												
Aluminum, Total	ND	2	2.07	104		-	-		75-125	-		20
Antimony, Total	0.009J	0.5	0.547	109		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.136	113		-	-		75-125	-		20
Barium, Total	0.057	2	2.09	102		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.051	102		-	-		75-125	-		20
Cadmium, Total	ND	0.051	0.054	105		-	-		75-125	-		20
Calcium, Total	65.4	10	74.5	91		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.206	103		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.497	99		-	-		75-125	-		20
Copper, Total	0.004J	0.25	0.240	96		-	-		75-125	-		20
Iron, Total	0.250	1	1.30	105		-	-		75-125	-		20
Lead, Total	ND	0.51	0.557	109		-	-		75-125	-		20
Magnesium, Total	25.9	10	36.1	102		-	-		75-125	-		20
Manganese, Total	0.255	0.5	0.726	94		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.516	103		-	-		75-125	-		20
Potassium, Total	1.80J	10	12.1	121		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.134	112		-	-		75-125	-		20
Silver, Total	ND	0.05	0.050	99		-	-		75-125	-		20
Sodium, Total	24.5	10	34.9	104		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.121	101		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.519	104		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

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): 01-11,13-16 QC Batch ID: WG1358054-3 QC Sample: L2014328-01 Client ID: MW-7S									
Zinc, Total	ND	0.5	0.544	109	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

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): 01-11,13-16 QC Batch ID: WG1358054-7 QC Sample: L2014328-02 Client ID: MW-5S										
Aluminum, Total	ND	2	1.98	99		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.555	111		-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.137	114		-	-	75-125	-	20
Barium, Total	0.065	2	2.01	97		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.046	92		-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.050	98		-	-	75-125	-	20
Calcium, Total	216	10	224	80		-	-	75-125	-	20
Chromium, Total	ND	0.2	0.194	97		-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.463	93		-	-	75-125	-	20
Copper, Total	ND	0.25	0.241	96		-	-	75-125	-	20
Iron, Total	0.012J	1	1.01	101		-	-	75-125	-	20
Lead, Total	ND	0.51	0.509	100		-	-	75-125	-	20
Magnesium, Total	361	10	370	90		-	-	75-125	-	20
Manganese, Total	0.014	0.5	0.461	89		-	-	75-125	-	20
Nickel, Total	0.003J	0.5	0.475	95		-	-	75-125	-	20
Potassium, Total	7.89	10	18.5	106		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.134	112		-	-	75-125	-	20
Silver, Total	ND	0.05	0.050	100		-	-	75-125	-	20
Sodium, Total	367	10	371	**40**	Q	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.106	88		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.495	99		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

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): 01-11,13-16 QC Batch ID: WG1358054-7 QC Sample: L2014328-02 Client ID: MW-5S									
Zinc, Total	0.002J	0.5	0.509	102	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358055-3 QC Sample: L2014328-03 Client ID: MW-5D									
Mercury, Total	ND	0.005	0.00496	99	-	-	70-130	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358055-5 QC Sample: L2014328-11 Client ID: MW-2D									
Mercury, Total	ND	0.005	0.00496	99	-	-	70-130	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358054-4 QC Sample: L2014328-01 Client ID: MW-7S						
Aluminum, Total	ND	ND	mg/l	NC		20
Antimony, Total	0.009J	0.010J	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.057	0.056	mg/l	1		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	65.4	65.1	mg/l	0		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	0.004J	ND	mg/l	NC		20
Iron, Total	0.250	0.248	mg/l	1		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	25.9	25.8	mg/l	0		20
Manganese, Total	0.255	0.253	mg/l	1		20
Nickel, Total	ND	ND	mg/l	NC		20
Potassium, Total	1.80J	1.74J	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	24.5	24.2	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358054-4 QC Sample: L2014328-01 Client ID: MW-7S					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358054-8 QC Sample: L2014328-02 Client ID: MW-5S					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	0.065	0.065	mg/l	0	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	216	217	mg/l	0	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	0.004J	mg/l	NC	20
Iron, Total	0.012J	0.013J	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	361	360	mg/l	0	20
Manganese, Total	0.014	0.013	mg/l	4	20
Nickel, Total	0.003J	0.002J	mg/l	NC	20
Potassium, Total	7.89	7.93	mg/l	1	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	367	361	mg/l	2	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358054-8 QC Sample: L2014328-02 Client ID: MW-5S					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	0.002J	0.002J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358055-4 QC Sample: L2014328-03 Client ID: MW-5D					
Mercury, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-11,13-16 QC Batch ID: WG1358055-6 QC Sample: L2014328-11 Client ID: MW-2D					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

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(*)
L2014328-01A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),AG-UI(180),CA-UI(180),ZN-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),MN-UI(180),NA-UI(180),BE-UI(180),CR-UI(180),V-UI(180),CU-UI(180),AS-UI(180),PB-UI(180),TL-UI(180)
L2014328-02A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),FE-UI(180),SE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),CR-UI(180),AL-UI(180),NA-UI(180),BE-UI(180),MN-UI(180),PB-UI(180),TL-UI(180),AS-UI(180),CU-UI(180),V-UI(180)
L2014328-03A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	Y	Absent		SB-UI(180),BA-UI(180),NI-UI(180),ZN-UI(180),AG-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),AL-UI(180),BE-UI(180),CR-UI(180),NA-UI(180),PB-UI(180),CU-UI(180),TL-UI(180),V-UI(180),AS-UI(180)
L2014328-04A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),AL-UI(180),NA-UI(180),CR-UI(180),BE-UI(180),CU-UI(180),PB-UI(180),V-UI(180),AS-UI(180),TL-UI(180)
L2014328-05A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	Y	Absent		SB-UI(180),NI-UI(180),BA-UI(180),AG-UI(180),CA-UI(180),ZN-UI(180),CO-UI(180),K-UI(180),SE-UI(180),FE-UI(180),MG-UI(180),HG-U(28),CD-UI(180),BE-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),NA-UI(180),CU-UI(180),TL-UI(180),AS-UI(180),V-UI(180),PB-UI(180)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2014328-06A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),CR-UI(180),AL-UI(180),NA-UI(180),BE-UI(180),PB-UI(180),AS-UI(180),CU-UI(180),TL-UI(180),V-UI(180)
L2014328-07A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),NA-UI(180),CR-UI(180),BE-UI(180),AL-UI(180),MN-UI(180),TL-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),V-UI(180)
L2014328-08A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),AL-UI(180),NA-UI(180),MN-UI(180),BE-UI(180),CR-UI(180),TL-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),V-UI(180)
L2014328-09A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),CR-UI(180),MN-UI(180),BE-UI(180),NA-UI(180),AL-UI(180),V-UI(180),TL-UI(180),CU-UI(180),PB-UI(180),AS-UI(180)
L2014328-10A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),FE-UI(180),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),MN-UI(180),AL-UI(180),BE-UI(180),CR-UI(180),NA-UI(180),AS-UI(180),CU-UI(180),PB-UI(180),TL-UI(180),V-UI(180)
L2014328-11A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	Y	Absent		NI-UI(180),BA-UI(180),SB-UI(180),ZN-UI(180),CA-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),BE-UI(180),CR-UI(180),AL-UI(180),MN-UI(180),AS-UI(180),CU-UI(180),TL-UI(180),PB-UI(180),V-UI(180)
L2014328-13A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	Y	Absent		SB-UI(180),NI-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),CR-UI(180),MN-UI(180),NA-UI(180),AS-UI(180),TL-UI(180),CU-UI(180),PB-UI(180),V-UI(180)

*Values in parentheses indicate holding time in days

Project Name: GOULDS CLOSED LANDFILL
Project Number: 30049594

Lab Number: L2014328
Report Date: 04/07/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2014328-14A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	Y	Absent		BA-UI(180),SB-UI(180),NI-UI(180),ZN-UI(180),AG-UI(180),CA-UI(180),K-UI(180),CO-UI(180),MG-UI(180),FE-UI(180),SE-UI(180),HG-U(28),CD-UI(180),BE-UI(180),CR-UI(180),AL-UI(180),MN-UI(180),NA-UI(180),TL-UI(180),AS-UI(180),PB-UI(180),V-UI(180),CU-UI(180)
L2014328-15A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	Y	Absent		BA-UI(180),NI-UI(180),SB-UI(180),AG-UI(180),CA-UI(180),ZN-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),BE-UI(180),AL-UI(180),CR-UI(180),NA-UI(180),CU-UI(180),V-UI(180),PB-UI(180),TL-UI(180),AS-UI(180)
L2014328-16A	Plastic 250ml HNO3 preserved	A	<2	<2	6.0	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),MG-UI(180),SE-UI(180),HG-U(28),CD-UI(180),NA-UI(180),BE-UI(180),AL-UI(180),CR-UI(180),MN-UI(180),AS-UI(180),V-UI(180),TL-UI(180),CU-UI(180),PB-UI(180)

*Values in parentheses indicate holding time in days

Project Name:	GOULDS CLOSED LANDFILL	**Lab Number:**	L2014328
Project Number:	30049594	**Report Date:**	04/07/20

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.

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.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	GOULDS CLOSED LANDFILL	**Lab Number:**	L2014328
Project Number:	30049594	**Report Date:**	04/07/20

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.

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'.

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. If a 'Total' result is requested, the results of its individual components will also be reported.

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.)

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.

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 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

Report Format: DU Report with 'J' Qualifiers

Project Name:	GOULDS CLOSED LANDFILL	**Lab Number:**	L2014328
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Data Qualifiers

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.

Report Format: DU Report with 'J' Qualifiers

Project Name:	GOULDS CLOSED LANDFILL	**Lab Number:**	L2014328
Project Number:	30049594	**Report Date:**	04/07/20

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
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; 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.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
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.**

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.

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 4/3/20

ALPHA Job # L2014328

Client Information
Client: ~~Gould~~ Arcadis-US, Inc
Address: 855 Route 146 Suite 210
Clifton Park, NY 12065
Phone: (518) 250-7300
Fax: (518) 250-7301
Email:

Project Information
Project Name: Goulds Closed Landfill
Project Location: Seneca Falls, NY
Project # 30049544
(Use Project name as Project #) ☐
Project Manager: Elias Moskal
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # 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 analyse and report the same way as the past for this Site

Please specify Metals or TAL.

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	TAL Metals	Total Bottle	Sample Specific Comments
L4328-01	MW-7S	3/31/20	1705	W	JD	✓		
-02	MW-5S	3/31/20	1006	W	AG	✓		
-03	MW-5D	3/31/20	1100	W	JD	✓		
-04	MW-5R	3/31/20	1103	W	AG	✓		
-05	MW-2S	3/31/20	1200	W	JD	✓		
-06	MW-2R	3/31/20	1416	W	AG	✓		
-07	Manhole	4/1/20	1512	W	AG	✓		
-08	MW-8R	4/1/20	1643	W	AG	✓		
-09	MW-8S	4/1/20	1625	W	JD	✓		
-10	MW-4D	4/2/20	0913	W	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
Arcadis/Arcadis	4/2/20/1454		4/2/20 1454
	4/2/20 1455		4/3/20 00:20

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)

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

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:

ALPHA Job #:

Client Information
Client: Arcadis-US, Inc.
Address: 855 Route 146 Suite 210
Clifton Park, NY 12065
Phone: (518) 250-7300
Fax: (518) 250-7301
Email: elias.moskal@arcadis.com

Project Information
Project Name: Goulds Closed landfill
Project Location: Seneca Falls, NY
Project # 30049594
(Use Project name as Project #) ☐
Project Manager: Elias Moskal
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # 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 analyse and report the same way as the past for this Site

Please specify Metals or TAL.

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	TAL Metals	Sample Specific Comments	Total Bottle
1738-11	MW-2D	4/2/20	1024	W	JD			
-12	MW-8R	4/1/20	1643	W	JD			
-13	MW-8D	4/2/20	1007	W	AG			
-14	MW-1S	4/1/20	1203	W	AG			
-15	MW-4S	4/2/20	0913	W	JD			
-16	Dup-20200401	4/1/20	—	W	AG			

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

Container Type: P
Preservative: C

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Grieg/Arcadis	4/2/20 1454	Jim Conley AAL	4/2/20 1454
Jim Conley AAL	4/2/20 1455		4/13/20 0020

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)