
Parcel A
2021 Periodic Review Report

Former ALCO Site

City of Schenectady, Schenectady County, New York

Prepared For
Maxon ALCO Holdings, LLC

540 Broadway
Albany, New York 12207

May 2021

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NYSDEC Site Number: C447042

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Prepared For:

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1.0 EXECUTIVE SUMMARY

Maxon ALCO Holdings, LLC (MAH) entered into Brownfield Cleanup Agreements (BCA) through the New York State Department of Environmental Conservation's (NYSDEC) Brownfield Cleanup Program (BCP) for the property located at 301 Nott Street in Schenectady, New York, identified as the ALCO Site (Property or Site) and historically known as the Nott Street Industrial Park (Park). In 2010, after purchasing the property, the Volunteer (Maxon-ALCO Holdings) divided the Property into three parcels: Parcel A, Parcel B and Parcel C (Site Nos. C447042, C447043, and C447044, see Figure 1) and each Parcel was deemed eligible for the BCP and subject to separate BCAs.

The site location is included as Figure 1.

Subsequently, a remedial investigation (RI) was performed to:

- Characterize site conditions;
- Determine the nature of the contamination; and
- Assess risk to human health and the environment.

The RI data identified contaminants of concern (COCs). A "contaminant of concern" is a contaminant that is sufficiently present in frequency and concentration in the environment to require evaluation for remedial action. Not all contaminants identified on the property are contaminants of concern. The nature and extent of contamination and environmental media requiring action are summarized below. Additionally, the RI Report contains a full discussion of the data. The contaminant(s) of concern identified at this site are:

- trans-1,2-Dichloroethene
- trichloroethene (TCE)
- cis-1,2-Dichloroethene
- tetrachloroethene (PCE)
- Vinyl Chloride
- Polycyclic Aromatic Hydrocarbons (PAHs),

The contaminant(s) of concern exceed the applicable SCGs for:

- Groundwater
- Soil
- Soil vapor intrusion

Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), inorganics, and pesticides/PCBs. Several Polycyclic Aromatic Hydrocarbons (PAHs), (which are present in coal and coal ash), have been measured in surface soils at some locations above the unrestricted use soil cleanup objectives (SCOs). The chlorinated solvent tetrachloroethene (PCE) was also detected in sub-surface soil above unrestricted use SCOs. There were no pesticides/PCBs detected

above unrestricted use SCOs. Arsenic was found above the unrestricted use SCOs in one sample. Site-related soil contamination is not expected to extend off-site based on the available data.

Groundwater samples were analyzed for VOCs, SVOCs, inorganics, and pesticides/PCBs. Groundwater at ALCO-Maxon Site Parcel C is impacted by chlorinated solvents (PCE, TCE, cis-1,2-dichloroethene, trans-1,2-dichloroethene and vinyl chloride). The chlorinated solvent impact originates from an area on ALCO-Maxon Site Parcel C. Chlorinated solvents have been measured in groundwater samples above groundwater standards. Exceedance of groundwater standards were also observed for a limited number of PAHs in one monitoring well.

Parcel A RI Findings

- NAPL was detected in two of the three monitoring wells installed around MW-45; NAPL thicknesses varied from roughly one inch in MW-47 to roughly one foot in MW-48.
- Concentrations of chlorinated VOCs in Parcel A monitoring wells sampled ranged from 136 µg/L to 3082 µg/L.

Site-Wide Groundwater Quality

- Monitoring wells installed on Parcels A, B and C provided further delineation of the chlorinated solvent detection, which is detectable across the three parcels along the established groundwater flow gradient.
- The source area for the chlorinated solvent detection was identified and delineated in an area of Parcel C around soil vapor point SV-C9 and groundwater monitoring wells MW-19, and MW-46.

Remedial Action Objectives

After completion of the remedial work, residual contamination was left at this site, which is hereafter referred to as “remaining contamination”. Institutional and Engineering Controls (ICs and ECs) have been incorporated into the site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. An Environmental Easement granted to the NYSDEC, and recorded with the Schenectady County Clerk, requires compliance with the ECs and ICs placed on the site. Each Parcel was issued a separate Decision Document by NYSDEC. The Remedial Action Objectives (RAOs) for Parcel A are as follows:

Parcel A (Decision Document, August 2014)

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

The final remedial measures for the site must satisfy Remedial Action Objectives (RAOs), which are site-specific statements that convey the goals for minimizing or eliminating substantial risks to public health and the environment.

The remedies were installed in accordance with the November 2016 Final Engineering Report and have been operated continuously in accordance with the July 2016 Site Management Plan.

A summary of the 2020-2021 tasks outlined above is provided herein.

- Quarterly groundwater monitoring
- Inspection and reporting of open riverbank spill, identified as: 1604483
- Parcel A ISCO injection activities

Both Parcels A and B received Certificate of Completion (COC) status in December 2016. Since the COC, the site is subject to the SMP (see Section 2). Monitoring activities outlined in the SMP have been fulfilled during this reporting period. The annual air pressure differential monitoring within the Rivers Casino and Landings Hotel did not take place during 2020 due to COVID-19 pandemic. The next annual air pressure differential monitoring will take place during November or December of 2021 as required by NYSDEC.

2.0 SITE OVERVIEW

The site is located at 301 Nott Street, Schenectady, New York. The site consists of three adjacent parcels (see Figure 2):

- Parcel A is approximately 20.31 acres and was part of the former American Locomotive Company property located at 301 Nott Street, Schenectady, NY 12306. Parcel A has the Mohawk River as its northern border and is adjacent to Parcel B (C447043).
- Parcel B is approximately 31.43 acres and was part of the former American Locomotive Company property located at 301 Nott Street in Schenectady. This Parcel lies between Parcel A (C447042), that is adjacent to the Mohawk River, and Parcel C (C447044), which is adjacent to Front Street and Erie Boulevard.
- Parcel C is approximately 5.45 acres and was part of the former American Locomotive Company property located at 301 Nott Street in Schenectady. Parcel C is made up of two parcels. The larger area is adjacent to Parcel B (C447043) and the second area is across Erie Boulevard and includes the former Erie Boulevard Power substation.

See Figure 2, Site Plan, for a breakdown of the parcel locations.

The site was remediated in accordance with the NYSDEC's August 2014 Decision Document, including:

1. Implementation of a remedial design program to provide details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Included was the implementation of green remediation principles and techniques where feasible in the design, implementation, and site management of the remedy as per DER-31.
2. Two areas of on-site soil with significant levels of arsenic, lead and mercury (Soil Hot Spots) contamination was removed and disposed of to a depth of two feet. Clean fill meeting the requirements of 6NYCRR Part 375-6.7(d) was to be utilized to backfill the excavation and establish the designated grades at the site.
3. A site soil cover was required to allow for restricted residential use of the site. The soil cover selected consisted of either structures such as buildings, pavement, sidewalks comprising the site development or a soil cover in areas where the upper two feet of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs). Where the soil cover is required it is a minimum of two feet of soil, meeting the SCO's for cover material as set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use. The soil cover will be placed over a demarcation layer, with the upper six inches of the soil of sufficient quality to maintain a vegetation layer. Any fill material brought to the site will meet the requirements for the identified site use as set forth in 6 NYCRR Part 375-6.7(d).
4. Imposition of an institutional control in the form of an environmental easement for controlled property that:

- Requires the remedial party or site to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3);
 - Allows the use and development of the controlled property for restricted residential, commercial and industrial uses as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
 - Restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
 - Requires compliance with the Department approved Site Management Plan.
5. Development and implementation of a Site Management Plan (SMP) for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) Institutional and Engineering Controls (2) monitoring, (3) operation and maintenance and (4) reporting. The Site Management Plan for Parcel A outlined the following items for reporting in the PRR:
- Identification, assessment and certification of ECs/ICs required by the remedy for the site.
 - Results of the required annual site inspections and severe condition inspections, if applicable.
 - Applicable site management forms and other records generated for the site during the reporting period in the NYSDEC-approved electronic format, if not previously submitted.
 - A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.
 - Data summary tables and graphical representations of contaminants of concern by media (groundwater, soil vapor, etc.), which include a listing of the compounds analyzed, along with the applicable standards, with exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends.
 - Results of analyses, copies of laboratory data sheets, and the required laboratory data deliverables for samples collected during the reporting period will be submitted in digital format as determined by the NYSDEC. Currently, data is supplied electronically and submitted to the NYSDEC EQUIS™ database.
 - A site evaluation, which includes the following:
 - o The compliance of the remedy with the requirements of the site-specific RAWP, ROD or Decision Document;
 - o The operation and the effectiveness of treatment units, etc., including identification of any needed repairs or modifications;

- o Any new conclusions or observations regarding site contamination based on inspections or data generated by the Monitoring and Sampling Plan for the media being monitored;
- o Recommendations regarding any necessary changes to the remedy and/or Monitoring and Sampling Plan; and
- o Trends in contaminant levels in the affected media will be evaluated to determine if the remedy continues to be effective in achieving remedial goals as specified by the Decision Document.
- o The overall performance and effectiveness of the remedy.

Table 1. Post-Remediation Sampling Requirements and Schedule		
Sampling Location	Analysis	*Schedule
Soil Cover System	Visual Inspection	Annually
Groundwater Monitoring Wells	VOCs	Quarterly
Soil Vapor Intrusion Mitigation Monitoring	Pressure Differential Measurements	Annually**
*The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH. Discontinuance of such activity will be by permission of the NYSDEC and NYSDOH. ** Pressure differential measurements were not taken during 2020 due to COVID-19 pandemic.		

Since the COC, the site has followed the SMP. Monitoring activities outlined in the SMP have been fulfilled during this reporting period.

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The implementation of the selected remedies has been successful and the remedial system continues to operate effectively to protect the public.

- The soil cover system prevents direct contact with remaining on site contaminants.
- The property has an environmental easement restricting land and groundwater use at the site. The easement was filed on October 14, 2016 with the Schenectady County Clerk.
- Periodic monitoring indicates that the in situ oxidant injections completed on Parcel C to treat the chlorinated solvent plume have reduced the concentrations of indicator and volatile organic constituents in the groundwater on Parcel A.
- As per the SMP, the Rivers Casino and Landings Hotel structures are assessed for soil vapor intrusion (SVI). The building's HVAC system should maintain positive pressure, preventing potential for vapors, if any, from migrating up through the subslab. The next annual air pressure differential monitoring will take place during November or December of 2021 during the heating season as required by the NYSDEC. The heating season represent the worst case condition where subslab vapors could be drawn into the building. Documentation from the Rivers Casino and Landings Hotel mechanical technician, BPI, provided confirmation that the HVAC system is operating efficiently (Attachment G).

The results of the groundwater monitoring described in Section 5.1 below demonstrates substantial progress towards the remedial objective of restoration of groundwater quality through natural attenuation. With ongoing maintenance of the integrity of the soil cover system, continued improvement in water quality is expected to occur over time.

4.0 IC/EC PLAN COMPLIANCE

4.1 Engineering and Institutional Control - Table 2

Table 2 summarizes each Institutional and Engineering Control.

Table 2. IC/EC Descriptions			
Engineering Control	Description	Objective	Status
Institutional Controls:	- The property may be used for: restricted residential use; - ECs must be operated and maintained as specified in this SMP; - ECs must be inspected at a frequency and in a manner defined in the SMP. - The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department. - Groundwater and other environmental or public health monitoring must be performed. - Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP. - Future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP; - Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP; - Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; - Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement. - The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2, and any impacts that are identified must be monitored or mitigated; - Vegetable gardens and farming on the site are prohibited; - Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site; - Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B.	- Implement, maintain and monitor Engineering Control systems; - Prevent future exposure to remaining contamination; and, - Limit the use and development of the site to restricted residential uses only.	Operational
Engineering Controls:	Cover system	Meet the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d) for restricted residential use.	Operational

4.2 Engineering and Institutional Control Certification

Scott D. Nostrand, P.E., of Barton & Loguidice, Inc. certifies, on the basis of on-site observation and documentation as presented herein, that the Engineering and Institutional Control activities completed during this reporting period at the former ALCO site located at 301 Nott Street were completed in substantial compliance with the approved Parcel A Site Management Plan dated November 2016. The NYSDEC approved certification forms are included in Attachment A.

5.0 MONITORING PLAN COMPLIANCE REPORT

Monitoring of the performance of the remedy has been conducted in accordance with the Site Management Plan and the following Table 3.

Table 3. Monitoring/Inspections Schedule			
Program	Frequency	Matrix	Analysis
Groundwater Monitoring Wells: MW-62, MW-65, MW-64D, MW-64S	Quarterly	Groundwater	VOCs
Harbor Sediment Sampling	Annual	Sediment	VOCs
Harbor Surface Water Sampling	Annual	Surface Water	VOCs
Soil Cover System	Annual	--	Visual Inspection
Soil Vapor Intrusion Mitigation Monitoring	Annual	Sub-slab/Building pressure	Pressure Differential Measurements
Periodic Review Report	Annual	--	--

5.1 Groundwater and Harbor Monitoring Results

The groundwater monitoring results are provided in Tables 4-7. The 2021 first quarter groundwater sampling results for March 2021 have been provided to the NYSDEC under separate cover.

Table 4. Historic Residual VOC Water Quality Data - MW-62

Parameter: (µg/l)	*1,1-Dichloroethene	*Cis-1,2-Dichloroethene	*Trans-1,2-Dichloroethene	*Trichloroethene	*Vinyl Chloride	*Tetrachloroethene
6NYCRR Part 703 Groundwater Standard	5	5	5	5	2	50
27-Sep-11	-	-	-	-	-	-
17-Jun-13	<1.0	2260.0	48.4	18.7	1.0	-
11-Sep-15	2.7	1000.0	-	-	-	-
01-Mar-16	<1.0	420.0	24.0	1.5	120.0	-
10-May-16	<1.0	430.0	29.0	1.6	89.0	-
15-Jun-16	<10.0	640.0	40.0	2.0	110.0	-
13-Jul-16	1.2	770.0	47.0	1.7	120.0	-
10-Aug-16	<1.0	860.0	56.0	<1.0	140.0	-
08-Sep-16	<5.0	710.0	44.0	<5.0	110.0	-
05-Oct-16	<5.0	955.0	71.3	<5.0	133.0	-
03-Nov-16	1.0	654.0	41.7	1.8	77.1	-
02-Dec-16	<1.0	714.0	44.5	<1.0	80.6	-
04-Jan-17	<10.0	1140.0	66.1	<10.0	107.0	-
06-Apr-17	<5.0	891.0	55.7	<5.0	70.3	-
20-Jul-17	<1.0	537.0	32.4	<1.0	57.0	-
09-Nov-17	<1.0	19.1	1.1	<1.0	2.5	-
6-Mar-18	<1.0	5.5	<1.0	<1.0	34.9	-
6-Jun-18	<1.0	4.4	<1.0	<1.0	<1.0	-
5-Sep-18	<1.0	593.0	37.1	<1.0	61.1	-
4-Dec-18	<1.0	61.9	1.1	<1.0	13.0	-
15-Mar-19	1.0	311.0	17.6	<1.0	34.5	-
5-Jun-19	<1.0	584.0	32.8	<1.0	81.6	-
12-Sep-19	<1.0	76.8	4.4	<1.0	14.1	-
11-Dec-19	<1.0	103	<1.0	22.4	5.6	29.3
11-Mar-20	<1.0	3.6	<1.0	<1.0	1.3	<1.0
01-Jul-20	<1.0	10.6	<1.0	<1.0	2.4	<1.0
09-Sep-20	<1.0	9.4	<1.0	<1.0	3.0	<1.0
19-Nov-20	<1.0	3.7	<1.0	<1.0	1.9	<1.0
*Bolded numbers represent detects						

Table 5. Historic Residual VOC Water Quality Data - MW-64S

Parameter: (µg/l)	*Acetone	*Cis-1,2- Dichloroethene	*Trichloroethene	*Vinyl Chloride	*Trans-1,2- Dichloroethene	*Tetrachloroethene	*1,1-Dichloro- ethene
6NYCRR Part 703 Groundwater Standard	50	50	5	2	5	5	5
27-Sep-11	-	-	-	-	-	-	-
17-Jun-13	-	-	-	-	-	-	-
11-Sep-15	-	-	-	-	-	-	-
01-Mar-16	2.7	-	-	-	-	-	-
10-May-16	<10.0	-	-	-	-	-	-
15-Jun-16	<10.0	-	-	-	-	-	-
13-Jul-16	<10.0	-	-	-	-	-	-
10-Aug-16	<10.0	-	-	-	-	-	-
08-Sep-16	<10.0	-	-	-	-	-	-
05-Oct-16	5.9	-	-	-	-	-	-
03-Nov-16	<10.0	-	-	-	-	-	-
02-Dec-16	<10.0	-	-	-	-	-	-
04-Jan-17	<5.0	-	-	-	-	-	-
06-Apr-17	<5.0	-	-	-	-	-	-
20-Jul-17	<1.0	-	-	-	-	-	-
09-Nov-17	28.7	-	-	-	-	-	-
6-Mar-18	<5.0	-	-	-	-	-	-
6-Jun-18	<5.0	-	-	-	-	-	-
5-Sep-18	<5.0	-	-	-	-	-	-
4-Dec-18	<5.0	-	-	-	-	-	-
15-Mar-19	<5.0	-	-	-	-	-	-
5-Jun-19	<1.0	3.6	-	-	-	-	-
12-Sep-19	<5.0	<1.0	-	-	-	-	-
11-Dec-19	<5.0	<1.0	-	-	-	-	-
11-Mar-20	<5.0	326	92.6	45.2	8.5	8.5	3.1
01-Jul-20	<5.0	265	92.2	15.7	1.1	146	1.3
09-Sep-20	<5.0	4.3	2.6	1.6	<1.0	<1.0	<1.0
19-Nov-20	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed	Obstructed
*Bolded numbers represent detects							

Table 6. Historic Residual VOC Water Quality Data - MW-64D

Parameter: (µg/l)	*1,1-Dichloroethene	*Acetone	*Bromomethane	*Cis-1,2-Dichloroethene	*Trans-1,2-Dichloroethene	*Trichloroethene	*Vinyl chloride
6NYCRR Part 703 Groundwater Standard	5	50	5	5	5	5	2
27-Sep-11	-	-	-	-	-	-	-
17-Jun-13	-	-	-	-	-	-	-
11-Sep-15	-	-	-	-	-	-	-
01-Mar-16	9.7	1.2	-	1100.0	40.0	900.0	820.0
10-May-16	7.7	<10.0	-	1000.0	29.0	550.0	230.0
15-Jun-16	9.9	<10.0	<1.0	1100.0	36.0	570.0	170.0
13-Jul-16	11.0	<10.0	-	1400.0	40.0	670.0	250.0
10-Aug-16	11.0	<10.0	-	1500.0	41.0	630.0	240.0
08-Sep-16	13.0	<100.0	<10.0	1400.0	37.0	600.0	190.0
05-Oct-16	11.5	<50.0	<10.0	1730.0	56.5	863.0	243.0
03-Nov-16	9.4	<10.0	<1.0	1160.0	32.4	565.0	118.0
02-Dec-16	<1.0	<50.0	<10.0	789.0	21.9	407.0	81.0
04-Jan-17	2.5	20.7	<2.4	306.0	6.2	57.7	21.4
06-Apr-17	<10.0	<50.0	<10.0	1240.0	25.1	62.5	267.0
20-Jul-17	<1.0	8	<1	9.9	<1.0	<1.0	2.2
09-Nov-17	2.8	20.2	<1	419.0	7.4	19.7	39.1
6-Mar-18	<2.0	<10.0	<2	365	7.8	52.6	34.9
6-Jun-18	3.4	<10.0	<2	473	9.1	108	22.7
5-Sep-18	2.4	<11.0	<2	438	8.9	124	22.9
4-Dec-18	<10.0	<50.0	<10	1480	32.7	360	117
15-Mar-19	<1.0	<5	<1.0	1.3	<1.0	<1.0	<1.0
5-Jun-19	5.3	<5	<1	844.0	16.1	179.0	76.7
12-Sep-19	<10.0	<50.0	<10.0	813.0	32.9	248.0	59.9
11-Dec-19	<1.0	<5.0	<1.0	3.0	<1.0	<1.0	2.8

Table 6. Historic Residual VOC Water Quality Data - MW-64D

Parameter: (µg/l)	*1,1-Dichloroethene	*Acetone	*Bromomethane	*Cis-1,2-Dichloroethene	*Trans-1,2-Dichloroethene	*Trichloroethene	*Vinyl chloride
11-Mar-20	<1.0	<5.0	<1.0	644	13.3	149	75.8
01-Jul-20	<1.0	5.9	<1.0	86.6	1.4	26.9	2.7
09-Sep-20	<1.0	<5.0	<1.0	3.5	<1.0	2.0	1.3
19-Nov-20	<1.0	<5.0	<1.0	405	<1.0	148	44.2
*Bolded numbers represent detects							

Table 7. Historic Residual VOC Water Quality Data - MW-65

Parameter: (µg/l)	*1,1- Dichloroethene	*Acetone	*Methyl tert-butyl ether	*Tetrachloroethene	*Cis-1,2- Dichloroethene	*Trans-1,2- Dichloroethene	*Trichloroethene	*Vinyl Chloride
6NYCRR Part 703 Groundwater Standard	5	50	10	5	5	5	5	2
27-Sep-11	-	-	-	-	-	-	-	-
17-Jun-13	-	-	-	-	-	-	-	-
11-Sep-15	-	-	-	-	-	-	-	-
01-Mar-16	1.6	6.5	1.7	390.0	570.0	5.6	260.0	590.0
10-May-16	<1.0	1.4	<1.0	170.0	320.0	2.4	94.0	97.0
15-Jun-16	<1.0	<10.0	<1.0	140.0	310.0	5.9	100.0	84.0
13-Jul-16	1.0	<10.0	<1.0	160.0	500.0	4.6	110.0	130.0
10-Aug-16	1.2	<10.0	<1.0	170.0	490.0	4.0	130.0	170.0
08-Sep-16	<1.0	<10.0	<1.0	140.0	360.0	2.4	93.0	100.0
05-Oct-16	<1.0	<10.0	<1.0	196.0	493.0	3.8	141.0	150.0
03-Nov-16	<1.0	<10.0	<1.0	171.0	297.0	2.0	108.0	78.2
02-Dec-16	<1.0	<10.0	<1.0	200.0	323.0	2.3	118.0	99.4
04-Jan-17	<1.0	<5.0	<1.0	198.0	<1.0	2.6	125.0	117.0
06-Apr-17	1.0	<5.0	<1.0	241.0	446.0	2.7	135.0	82.9
20-Jul-17	1.0	10.7	<1.0	173.0	410.0	2.6	106.0	54.9
09-Nov-17	<1.0	51.9	<1.0	44.9	80.2	<1.0	34.9	10.6
6-Mar-18	<1.0	<5.0	<1.0	1.0	1.1	<1.0	<1.0	<1.0
6-Jun-18	1.3	<5.0	<1.0	188.0	235	1.4	107	15.9
5-Sep-18	1.0	<5.0	<1.0	287.0	333	2.8	144	26.4
4-Dec-18	1.1	<5.0	<1.0	296.0	283	1.4	140	22.3
15-Mar-19	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
5-Jun-19	1.3	<5.0	<1.0	162.0	414.0	1.6	97.6	21.1
12-Sep-19	<5.0	<25.0	<5.0	194	477	<5.0	122	24.6
11-Dec-19	1.3	<5.0	<1.0	255.0	571.0	19.3	170.0	27.5

Table 7. Historic Residual VOC Water Quality Data - MW-65

Parameter: (µg/l)	*1,1- Dichloroethene	*Acetone	*Methyl tert-butyl ether	*Tetrachloroethene	*Cis-1,2- Dichloroethene	*Trans-1,2- Dichloroethene	*Trichloroethene	*Vinyl Chloride
11-Mar-20	1.0	<5.0	<1.0	135	266	<5.0	79.3	15.7
01-Jul-20	<1.0	<5.0	<1.0	104	126	<1.0	65.9	11.0
09-Sep-20	<1.0	<5.0	<1.0	<1.0	2.1	<1.0	<1.0	<1.0
19-Nov-20	<3.0	<15.0	<3.0	96.4	221	<3.0	67.9	15.3

*Bolded numbers represent detects

The 2020 MW-62 results continued to exhibit similar concentrations of the observed contaminants when compared to the samples collected in 2019 on the tested parameters. Tetrachloroethene was detected during the 2019 fourth quarter; however, this parameter was not detected during the 2020 monitoring events. Reported concentrations of cis-1,2-dichloroethene (1,2-DCE) and trans-1,2-dichloroethene have decreased from the baseline sampling concentrations in MW-62. This would be expected as the parent product tetrachloroethene reduces in concentration.

The 2020 MW-64S results exhibited detections for cis-1,2-dichloroethene, 1,1-dichloroethene, trichloroethene, vinyl chloride, trans-1,2-dichloroethene, and tetrachloroethene. With the exception of cis-1,2-dichloroethene, this is the first year that these parameters have been detected in MW-64S. Concentrations for these parameters are comparable to those in adjacent wells. A significant reduction in parameter concentrations for cis-1,2-dichloroethene, 1,1-dichloroethene, trichloroethene, vinyl chloride, trans-1,2-dichloroethene, and tetrachloroethene were observed between March/June 2020 and September 2020. During the 2020 Fourth quarter sampling event, MW-64S was reported as obstructed and unable to be sampled. The condition of this well will be evaluated in 2021 and repaired as necessary.

Groundwater monitoring results for well location MW-64D during 2020 exceeded groundwater standards for acetone, cis-1,2-dichloroethene, trans-1,2-dichloroethene, trichloroethene, and vinyl chloride. Overall, there was an upward trend in exceedances during 2020, with the exception of trans-1,2-dichloroethene and acetone, which did not exhibit any detections during the Third and Fourth quarter sampling events. Trichloroethene concentration fluctuations were mirrored by breakdown product cis-1,2-dichloroethene during 2020, with a significant downward trend of both parameters since 2016.

During 2020, MW-65 exceeded groundwater standards for cis-1,2-dichloroethene, trichloroethene, tetrachloroethene, and vinyl chloride. The reported concentrations of the observed contaminants for 2020 were variable; however, with a significant downward trend in concentration since 2016.

Graphs depicting VOC exceedances are included in Attachment B. Full lab analyses are available in Attachment C.

5.2 Cover System Summary

Annual site inspection was completed on April 23, 2021 and included inspection of the cover system. This checklist, provided by the SMP, is included as Attachment D. Representative photographs of site cover are located in Attachment E.

During the annual inspection, soils were found to be stabilized and in good condition. Cracking (including areas capped by concrete or hard surfacing) or areas of concern were not identified.

5.3 SVI Results

As per the SMP, SVI assessments are required for new buildings located on the property. Parcel A includes the Casino/Landings Hotel building. This building is currently operated under positive pressure. As such, ports are located throughout the Casino and hotel portions of the building to demonstrate that the indoor pressure differential is net positive in comparison to subslab conditions.

The next annual air pressure differential monitoring will take place during November or December of 2021. The next annual air pressure differential monitoring will take place during November or December of 2021 during the heating season as required by the NYSDEC. The heating season represent the worst case condition where subslab vapors could be drawn into the building. See Attachment G for sampling port locations and a historical data comparison chart, as well as a letter from the HVAC contractor certifying the system is fully operational during the 2020-2021 period.

5.4 Riverbank Sheen - 1604483

During the 2020-2021 season, post installation of the grout wall, the sheen has been visibly reduced as compared to 2017 and 2018. Several mitigation techniques have been utilized throughout since ice out in April 2019. A recycled fabric matting has been utilized to line the bank behind containment boom as well as installation of aerators during the summer months.

Initial aerator installation consisted of disc diffuser membranes attached to small air compressors powered with solar panels. However, the maintenance of the system was continual and the units did not reliably aerate the desired area. The units were damaged during a flood event in November 2019 and the decision was made to remove these. Permanent aerators were installed during the summer of 2020 that required less maintenance. The new aerator system is powered by 0.3 hp regenerative blowers attached to 2' length tubular membrane diffusers with a permanent power source to allow for continual aeration with minimal maintenance. The new aerators have further decreased the amount of sheen.

During February of 2020, a total of 8 wells were installed along the riverbank for oxidant injection. The first round of ISCO injection work was completed on February 3, 2020. The February 2020 ISCO injection work involved oxidant injection by gravity feeding a PersulfOx mixture into five existing injection wells along the riverbank.

Additional ISCO injection work occurred on December 9, 11, and 14, 2020, in accordance with the approved October 2020 ISCO Injection Work Plan for Parcel A. During the December 2020 ISCO work, roughly 880 pounds of Persulfox was injected into the target area using a gravity feed method. Dependent on observed conditions, additional oxidant injections may be performed in 2021. Copies of the previously submitted spill reports are included in Attachment H.

6.0 OPERATION & MAINTENANCE

The site remedy does not rely on any mechanical systems, such as groundwater treatment systems, sub-slab depressurization systems or air sparge/soil vapor extraction systems to protect public health and the environment. Therefore, the operation and maintenance of such components is not included in this PRR.

7.0 CONCLUSIONS

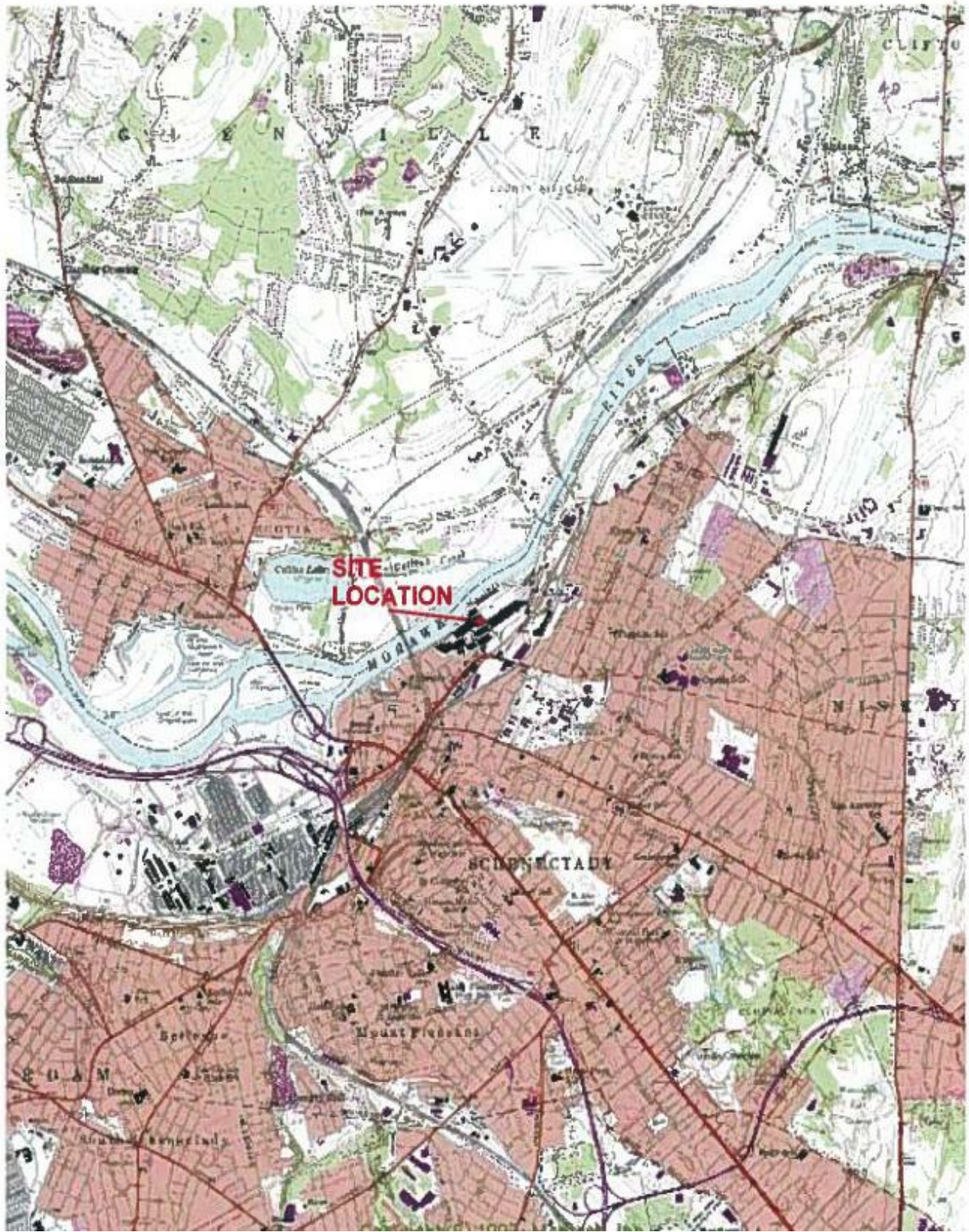
Maxon ALCO Holdings, LLC, has been operating the remedial systems at the ALCO Parcel A property in accordance with the approved Site Management Plan. During the 2020-2021 PRR reporting period, the following conclusions and recommendations have been made:

- Quarterly groundwater monitoring has overall continued to show declines in levels of chlorinated solvents post in-situ oxidant injections in Parcel C in the groundwater monitoring wells with the exception of MW-64D, which has occasional spikes. Overall, since 2016, VOC parameters are trending downward. It is recommended that monitoring continue to mark the trend and determine whether natural attenuation is satisfactory or further remedial action be taken.
- The soil cover system has been successfully implemented throughout the site as construction and excavation activities are completed.
- New buildings on site that have first floor occupancy have been historically tested for soil vapor intrusion. Structures on Parcel A include the Rivers Casino and Landings Hotel, which have demonstrated to be under a positive pressure system in the past. The next annual air pressure differential monitoring will take place during November or December of 2021 during the heating season as required by the NYSDEC.
- Spill 1604483 has been regularly inspected throughout the reporting period, once a week or more as necessary. It should be noted that the riverbank was flooded during the early portion of 2020 and MW-73 has been covered with debris. Product levels were not checked within MW-73 during the 2020-2021 monitoring period. Efforts to locate MW-73 are underway and monitoring is anticipated to continue during the 2021-2022. If MW-73 is not located, the NYSDEC will be notified to determine an alternative. Site checks and activity descriptions are included in Attachment H.

Figure 1

Site Location Map

↑
N



**Barton
&Loguidice**

MAXON ALCO HOLDINGS, LLC
SITE MANAGEMENT PLAN

SITE PLAN

Figure Number

1

Project Number

1368.001.005

Date

APRIL 2021

Scale

NOT TO SCALE

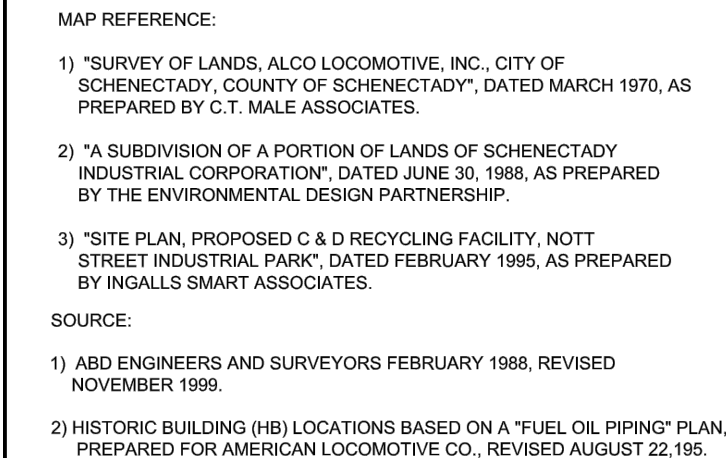
SCHENECTADY COUNTY

NEW YORK

SOURCE LOCATION: Z:\bimfsrv1\...1368.001.001\Data\Site Plan.ppt

Figure 2

Site Plan



LEGEND

	PROPERTY BOUNDARY		MONITORING WELL (MW)
	BCP SITE BOUNDARY		TEMPORARY MONITORING WELL (TMW)
	MANHOLE WITH DRAINAGE STRUCTURE NUMBER		RECOVERY WELL
	CATCH BASIN WITH DRAINAGE STRUCTURE NUMBER		PIEZOMETER
	LIFT STATION WITH DRAINAGE STRUCTURE NUMBER		GEOPROBE BORING
	MANHOLE (M.H.)		SURFACE SOIL SAMPLE LOCATION (SS)
	CATCH BASIN (C.B.)		SOIL BORING LOCATION

AREA DEFINITIONS

	BUILDINGS/STRUCTURES
	FORMER BUILDINGS (PREVIOUSLY DEMOLISHED)
	"EVI" PARCEL
	"RPI" PARCEL
	OTHER PROPERTIES NO PART OF SITE
	REMEDIAION AREA
	FORMER UST/AST LOCATIONS

Attachment A

NYSDEC Approved Certification Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details		Box 1	
Site No.	C447042		
Site Name ALCO-Maxon Site - Parcel A			
Site Address: 301 NOTT STREET		Zip Code: 12305	
City/Town: Schenectady			
County: Schenectady			
Site Acreage: 19.150			
Reporting Period: April 09, 2020 to May 9, 2021			
		YES	NO
1. Is the information above correct?		☒	☐
If NO, include handwritten above or on a separate sheet.			
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5. Is the site currently undergoing development?		☐	☒

		Box 2	
		YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial		☒	☐
7. Are all ICs/ECs in place and functioning as designed?		☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

		Box 2A	
		YES	NO
8.	Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒
If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.			
9.	Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐
If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.			
SITE NO. C447042		Box 3	
Description of Institutional Controls			

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
39.34-1-8 (Portion of)	Maxon ALCO Holdings LLC	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan O&M Plan
Institutional Controls (ICs) 1. The property may be used for: restricted residential use; 2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP); 3. All ECs must be inspected at a frequency and in a manner defined in the SMP; 4. The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department; 5. Groundwater and other environmental or public health monitoring must be performed as defined in this SMP; 6. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP; 7. All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP; 8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP; 9. Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP; 10. Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; 11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated; 12. Vegetable gardens and farming on the site are prohibited; 13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site; 14. The SMP must note that residually-impacted soils are present below the clean soil cover; 15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and 16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.		
39.34-1-9	Maxon ALCO Holdings LLC	O&M Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan
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safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

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39.41-1-10

Maxon ALCO Holdings, LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

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39.41-1-11

Maxon ALCO Holdings LLC

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O&M Plan

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39.41-1-12

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39.41-1-13

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39.41-1-14

Maxon ALCO Holdings LLC

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39.41-1-15

Maxon ALCO Holdings LLC

Ground Water Use Restriction

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11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated;
12. Vegetable gardens and farming on the site are prohibited;
13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site;
14. The SMP must note that residually-impacted soils are present below the clean soil cover;
15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and
16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-16

Maxon ALCO Holdings LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
3. All ECs must be inspected at a frequency and in a manner defined in the SMP;
4. The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
5. Groundwater and other environmental or public health monitoring must be performed as defined in this

SMP;

6. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;

7. All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;

8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;

9. Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;

10. Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;

11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated;

12. Vegetable gardens and farming on the site are prohibited;

13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site;

14. The SMP must note that residually-impacted soils are present below the clean soil cover;

15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and

16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-17

Maxon ALCO Holdings LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

O&M Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;

2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);

3. All ECs must be inspected at a frequency and in a manner defined in the SMP;

4. The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

5. Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;

6. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;

7. All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;

8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;

9. Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;

10. Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;

11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated;

12. Vegetable gardens and farming on the site are prohibited;

13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use,

must be maintained on the site;

14. The SMP must note that residually-impacted soils are present below the clean soil cover;

15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and

16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-18

Maxon ALCO Holdings LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;

2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);

3. All ECs must be inspected at a frequency and in a manner defined in the SMP;

4. The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

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6. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;

7. All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;

8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;

9. Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;

10. Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;

11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated;

12. Vegetable gardens and farming on the site are prohibited;

13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site;

14. The SMP must note that residually-impacted soils are present below the clean soil cover;

15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and

16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-19

Maxon ALCO Holdings LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

O&M Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;

2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management

Plan (SMP);

3. All ECs must be inspected at a frequency and in a manner defined in the SMP;
4. The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
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6. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
7. All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
9. Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
10. Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated;
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13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site;
14. The SMP must note that residually-impacted soils are present below the clean soil cover;
15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and
16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-20

Maxon ALCO Holdings LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Controls (ICs)

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2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
3. All ECs must be inspected at a frequency and in a manner defined in the SMP;
4. The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
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8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
9. Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
10. Access to the site must be provided to agents, employees or other representatives of the State of New

York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;

11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated;

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14. The SMP must note that residually-impacted soils are present below the clean soil cover;

15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and

16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-21

Maxon ALCO Holdings LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

O&M Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;

2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);

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14. The SMP must note that residually-impacted soils are present below the clean soil cover;

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16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-22

Maxon ALCO Holdings LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
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14. The SMP must note that residually-impacted soils are present below the clean soil cover;
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39.41-1-23

Maxon ALCO Holdings LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

O&M Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
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15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and
16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-24

Maxon ALCO Holdings LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
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14. The SMP must note that residually-impacted soils are present below the clean soil cover;
15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and

16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-4 (Portion of)

Maxon ALCO Holdings, LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Monitoring Plan
Site Management Plan
IC/EC Plan

Landuse Restriction

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
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14. The SMP must note that residually-impacted soils are present below the clean soil cover;
15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and
16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-5 (Portion of)

Maxon ALCO Holdings, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

O&M Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
3. All ECs must be inspected at a frequency and in a manner defined in the SMP;
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treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

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6. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;

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12. Vegetable gardens and farming on the site are prohibited;

13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site;

14. The SMP must note that residually-impacted soils are present below the clean soil cover;

15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and

16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-6 (Portion of)

Maxon ALCO Holdings, LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;

2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);

3. All ECs must be inspected at a frequency and in a manner defined in the SMP;

4. The use of groundwater underlying the property is prohibited without the necessary water quality treatment as determined by the NYSDOH or the Schenectady County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

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15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and
16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-7

Maxon ALCO Holdings, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

O&M Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
2. All Engineering Controls (ECs) must be operated and maintained as specified in the Site Management Plan (SMP);
3. All ECs must be inspected at a frequency and in a manner defined in the SMP;
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14. The SMP must note that residually-impacted soils are present below the clean soil cover;
15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and
16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.41-1-9

Maxon ALCO Holdings, LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Controls (ICs)

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14. The SMP must note that residually-impacted soils are present below the clean soil cover;
15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and
16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

39.49-2-1.7 (Portion of) Maxon ALCO Holdings LLC

O&M Plan
Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Institutional Controls (ICs)

1. The property may be used for: restricted residential use;
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11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2 in the SMP, and any impacts that are identified must be monitored or mitigated;

12. Vegetable gardens and farming on the site are prohibited;

13. Appropriate clean soil cover of a minimum thickness of two feet, due to the restricted-residential use, must be maintained on the site;

14. The SMP must note that residually-impacted soils are present below the clean soil cover;

15. Develop a Soil Vapor Mitigation Plan to guide future building construction; and

16. Develop a Groundwater Monitoring Plan to document improving groundwater quality in response to remediation activities.

Box 4

Description of Engineering Controls

Parcel

Engineering Control

39.34-1-8 (Portion of)

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

- the site cover consists either of structures such as buildings, pavement, and sidewalks comprising the site development, or appropriate clean soil cover of a minimum thickness of two feet must be maintained on the site;

- the Site Management Plan (SMP) must note that residually-impacted soils are present below the clean soil cover;

- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.

- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;

- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.34-1-9

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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Parcel

Engineering Control

implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-10

Cover System

Engineering Controls (ECs)

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39.41-1-11

Cover System

Engineering Controls (ECs)

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- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;
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39.41-1-12

Cover System

Engineering Controls (ECs)

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- the Site Management Plan (SMP) must note that residually-impacted soils are present below the clean soil cover;
- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and

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Engineering Control

NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.

- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;

- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-13

Cover System

Engineering Controls (ECs)

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- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.

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39.41-1-14

Cover System

Engineering Controls (ECs)

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39.41-1-15

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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Engineering Control

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- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;
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39.41-1-16

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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- the Site Management Plan (SMP) must note that residually-impacted soils are present below the clean soil cover;
- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.
- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;
- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-17

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.
- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;
- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to

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Engineering Control

the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-18

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

- the site cover consists either of structures such as buildings, pavement, and sidewalks comprising the site development, or appropriate clean soil cover of a minimum thickness of two feet must be maintained on the site;
- the Site Management Plan (SMP) must note that residually-impacted soils are present below the clean soil cover;
- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.
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- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-19

Cover System

Engineering Controls (ECs)

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- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.
- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;
- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-20

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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- Excavation below the clean soil layer entail requires: 1) 15 day prior notification to NYSDEC and NYSDOH, 2) notification to contractors of the potential hazard (contractor personnel may be subject to 29 CFR 1910.120 – HAZWOPER), and 3) restoration of the clean soil layer.
- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard

Parcel

Engineering Control

Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;

- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-21

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;

- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-22

Cover System

Engineering Controls (ECs)

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- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.41-1-23

Cover System

Engineering Controls (ECs)

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Parcel

Engineering Control

- the Site Management Plan (SMP) must note that residually-impacted soils are present below the clean soil cover;
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39.41-1-24

Cover System

Engineering Controls (ECs)

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39.41-1-4 (Portion of)

Cover System

Engineering Controls (ECs)

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39.41-1-5 (Portion of)

Parcel

Engineering Control

Cover System

Engineering Controls (ECs)

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39.41-1-6 (Portion of)

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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39.41-1-7

Cover System

Engineering Controls (ECs)

Cover System – A site cover will be required to allow for restricted residential use of the site.

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- Development of a Flood Hazard Mitigation Plan to comply with Chapter 157 – Flood Hazard Control of the City of Schenectady Code, as the ALCO site lies within FEMA mapped Zones A-16 and B;

Parcel

Engineering Control

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39.41-1-9

Cover System

Engineering Controls (ECs)

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- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

39.49-2-1.7 (Portion of)

Cover System

Engineering Controls (ECs)

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- The Excavation Work Plan (EWP), in the SMP, outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying remaining impacted soil is disturbed. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan and associated Community Air Monitoring Plan prepared for the site and provided in the SMP.

Periodic Review Report (PRR) Certification Statements

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

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO



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

- (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO



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

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

Signature of Owner, Remedial Party or Designated Representative

Date

**IC CERTIFICATIONS
SITE NO. C447042**

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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

I Bryce D. Dingman at 10 Airline Drive, Albany NY 12205,
print name print business address

am certifying as Designated Representative for Owner (Owner or Remedial Party)

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



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

May 10, 2021

Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I Scott D. Nostrand at 10 Airline Drive, Albany, NY 12205,
print name print business address

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

Scott D. Nostrand



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

Stamp
(Required for PE)

May 10, 2021

Date

Attachment B

Groundwater Exceedance Tables

Attachment C

2020 Monitoring Data

March 23, 2020

Corinne Steinmuller
Barton and Loguidice
10 Airline Drive Suite 200
Albany,

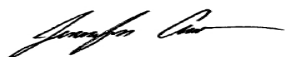
RE: Project: ALCO QUATERLY GW 3/11
Pace Project No.: 70124941

Dear Corinne Steinmuller:

Enclosed are the analytical results for sample(s) received by the laboratory on March 12, 2020. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-19		Lab ID: 70124941001	Collected: 03/11/20 10:50	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B)	331000	ug/L	500	1	03/17/20 10:32	03/17/20 21:34		
Calcium	132000	ug/L	200	1	03/17/20 10:32	03/17/20 21:34	7440-70-2	
Hardness, Magnesium	59200	ug/L	830	1	03/17/20 10:32	03/17/20 21:34		N3
Magnesium	14400	ug/L	200	1	03/17/20 10:32	03/17/20 21:34	7439-95-4	
Potassium	8070	ug/L	5000	1	03/17/20 10:32	03/17/20 21:34	7440-09-7	
Sodium	546000	ug/L	5000	1	03/17/20 10:32	03/17/20 21:34	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	390000	ug/L	830	1	03/17/20 10:32	03/17/20 21:34		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<10.0	ug/L	10.0	10		03/16/20 12:47	630-20-6	
1,1,1-Trichloroethane	<10.0	ug/L	10.0	10		03/16/20 12:47	71-55-6	
1,1,2,2-Tetrachloroethane	<10.0	ug/L	10.0	10		03/16/20 12:47	79-34-5	
1,1,2-Trichloroethane	<10.0	ug/L	10.0	10		03/16/20 12:47	79-00-5	
1,1-Dichloroethane	<10.0	ug/L	10.0	10		03/16/20 12:47	75-34-3	
1,1-Dichloroethene	<10.0	ug/L	10.0	10		03/16/20 12:47	75-35-4	
1,1-Dichloropropene	<10.0	ug/L	10.0	10		03/16/20 12:47	563-58-6	
1,2,3-Trichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	87-61-6	
1,2,3-Trichloropropane	<10.0	ug/L	10.0	10		03/16/20 12:47	96-18-4	
1,2,4-Trichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	120-82-1	
1,2,4-Trimethylbenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	95-63-6	
1,2-Dibromo-3-chloropropane	<10.0	ug/L	10.0	10		03/16/20 12:47	96-12-8	
1,2-Dibromoethane (EDB)	<10.0	ug/L	10.0	10		03/16/20 12:47	106-93-4	
1,2-Dichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	95-50-1	
1,2-Dichloroethane	<10.0	ug/L	10.0	10		03/16/20 12:47	107-06-2	
1,2-Dichloropropane	<10.0	ug/L	10.0	10		03/16/20 12:47	78-87-5	
1,3,5-Trimethylbenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	108-67-8	
1,3-Dichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	541-73-1	
1,3-Dichloropropane	<10.0	ug/L	10.0	10		03/16/20 12:47	142-28-9	
1,4-Dichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	106-46-7	
2,2-Dichloropropane	<10.0	ug/L	10.0	10		03/16/20 12:47	594-20-7	
2-Butanone (MEK)	<50.0	ug/L	50.0	10		03/16/20 12:47	78-93-3	IL
2-Chlorotoluene	<10.0	ug/L	10.0	10		03/16/20 12:47	95-49-8	L1
2-Hexanone	<50.0	ug/L	50.0	10		03/16/20 12:47	591-78-6	
4-Chlorotoluene	<10.0	ug/L	10.0	10		03/16/20 12:47	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<50.0	ug/L	50.0	10		03/16/20 12:47	108-10-1	
Acetone	<50.0	ug/L	50.0	10		03/16/20 12:47	67-64-1	IC
Benzene	<10.0	ug/L	10.0	10		03/16/20 12:47	71-43-2	
Bromobenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	108-86-1	
Bromochloromethane	<10.0	ug/L	10.0	10		03/16/20 12:47	74-97-5	
Bromodichloromethane	<10.0	ug/L	10.0	10		03/16/20 12:47	75-27-4	
Bromoform	<10.0	ug/L	10.0	10		03/16/20 12:47	75-25-2	
Bromomethane	<10.0	ug/L	10.0	10		03/16/20 12:47	74-83-9	
Carbon disulfide	<10.0	ug/L	10.0	10		03/16/20 12:47	75-15-0	
Carbon tetrachloride	<10.0	ug/L	10.0	10		03/16/20 12:47	56-23-5	
Chlorobenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	108-90-7	
Chloroethane	<10.0	ug/L	10.0	10		03/16/20 12:47	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-19		Lab ID: 70124941001	Collected: 03/11/20 10:50	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
Chloroform	<10.0	ug/L	10.0	10		03/16/20 12:47	67-66-3	
Chloromethane	<10.0	ug/L	10.0	10		03/16/20 12:47	74-87-3	
Dibromochloromethane	<10.0	ug/L	10.0	10		03/16/20 12:47	124-48-1	
Dibromomethane	<10.0	ug/L	10.0	10		03/16/20 12:47	74-95-3	
Dichlorodifluoromethane	<10.0	ug/L	10.0	10		03/16/20 12:47	75-71-8	CL
Ethylbenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	100-41-4	
Hexachloro-1,3-butadiene	<10.0	ug/L	10.0	10		03/16/20 12:47	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	10.0	10		03/16/20 12:47	98-82-8	
Methyl-tert-butyl ether	<10.0	ug/L	10.0	10		03/16/20 12:47	1634-04-4	
Methylene Chloride	<10.0	ug/L	10.0	10		03/16/20 12:47	75-09-2	
Naphthalene	<10.0	ug/L	10.0	10		03/16/20 12:47	91-20-3	
Styrene	<10.0	ug/L	10.0	10		03/16/20 12:47	100-42-5	
Tetrachloroethene	618	ug/L	10.0	10		03/16/20 12:47	127-18-4	
Toluene	<10.0	ug/L	10.0	10		03/16/20 12:47	108-88-3	
Trichloroethene	64.4	ug/L	10.0	10		03/16/20 12:47	79-01-6	
Trichlorofluoromethane	<10.0	ug/L	10.0	10		03/16/20 12:47	75-69-4	
Vinyl acetate	<10.0	ug/L	10.0	10		03/16/20 12:47	108-05-4	
Vinyl chloride	<10.0	ug/L	10.0	10		03/16/20 12:47	75-01-4	
Xylene (Total)	<30.0	ug/L	30.0	10		03/16/20 12:47	1330-20-7	
cis-1,2-Dichloroethene	64.9	ug/L	10.0	10		03/16/20 12:47	156-59-2	
cis-1,3-Dichloropropene	<10.0	ug/L	10.0	10		03/16/20 12:47	10061-01-5	
m&p-Xylene	<20.0	ug/L	20.0	10		03/16/20 12:47	179601-23-1	
n-Butylbenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	104-51-8	L1
n-Propylbenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	103-65-1	
o-Xylene	<10.0	ug/L	10.0	10		03/16/20 12:47	95-47-6	
p-Isopropyltoluene	<10.0	ug/L	10.0	10		03/16/20 12:47	99-87-6	L1
sec-Butylbenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	135-98-8	L1
tert-Butylbenzene	<10.0	ug/L	10.0	10		03/16/20 12:47	98-06-6	L1
trans-1,2-Dichloroethene	<10.0	ug/L	10.0	10		03/16/20 12:47	156-60-5	
trans-1,3-Dichloropropene	<10.0	ug/L	10.0	10		03/16/20 12:47	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	10		03/16/20 12:47	17060-07-0	
4-Bromofluorobenzene (S)	92	%	79-124	10		03/16/20 12:47	460-00-4	
Toluene-d8 (S)	96	%	69-124	10		03/16/20 12:47	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0						
Chloride	964	mg/L	50.0	25		03/20/20 21:16	16887-00-6	
Sulfate	69.1	mg/L	50.0	10		03/19/20 23:35	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2						
Nitrate as N	0.31	mg/L	0.050	1		03/12/20 22:11	14797-55-8	
Nitrate-Nitrite (as N)	0.31	mg/L	0.050	1		03/12/20 22:11	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2						
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:01	14797-65-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-46		Lab ID: 70124941002	Collected: 03/11/20 11:22	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B)	159000	ug/L	500	1	03/17/20 10:32	03/17/20 21:39		
Calcium	63800	ug/L	200	1	03/17/20 10:32	03/17/20 21:39	7440-70-2	
Hardness, Magnesium	92300	ug/L	830	1	03/17/20 10:32	03/17/20 21:39		N3
Magnesium	22400	ug/L	200	1	03/17/20 10:32	03/17/20 21:39	7439-95-4	
Potassium	<5000	ug/L	5000	1	03/17/20 10:32	03/17/20 21:39	7440-09-7	
Sodium	38000	ug/L	5000	1	03/17/20 10:32	03/17/20 21:39	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	252000	ug/L	830	1	03/17/20 10:32	03/17/20 21:39		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 16:56	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:56	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 16:56	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:56	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:56	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:56	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:56	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:56	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 16:56	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 16:56	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:56	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:56	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:56	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:56	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 16:56	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 16:56	95-49-8	L1
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 16:56	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 16:56	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 16:56	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/16/20 16:56	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		03/16/20 16:56	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 16:56	74-97-5	
Bromodichloromethane	2.4	ug/L	1.0	1		03/16/20 16:56	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/16/20 16:56	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 16:56	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 16:56	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 16:56	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 16:56	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-46		Lab ID: 70124941002		Collected: 03/11/20 11:22		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Chloroform	12.3	ug/L	1.0	1		03/16/20 16:56	67-66-3	CH	
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 16:56	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/16/20 16:56	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 16:56	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 16:56	75-71-8	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 16:56	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 16:56	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 16:56	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 16:56	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 16:56	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 16:56	100-42-5		
Tetrachloroethene	13.8	ug/L	1.0	1		03/16/20 16:56	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 16:56	108-88-3		
Trichloroethene	23.5	ug/L	1.0	1		03/16/20 16:56	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 16:56	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 16:56	108-05-4		
Vinyl chloride	2.8	ug/L	1.0	1		03/16/20 16:56	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 16:56	1330-20-7		
cis-1,2-Dichloroethene	338	ug/L	10.0	10		03/16/20 13:10	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:56	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 16:56	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	104-51-8	L1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 16:56	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 16:56	99-87-6	L1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:56	98-06-6	L1	
trans-1,2-Dichloroethene	4.3	ug/L	1.0	1		03/16/20 16:56	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:56	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		03/16/20 16:56	17060-07-0		
4-Bromofluorobenzene (S)	94	%	79-124	1		03/16/20 16:56	460-00-4		
Toluene-d8 (S)	96	%	69-124	1		03/16/20 16:56	2037-26-5		

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0

Chloride	45.9	mg/L	20.0	10		03/19/20 23:51	16887-00-6	
Sulfate	6.9	mg/L	5.0	1		03/20/20 21:32	14808-79-8	

353.2 Nitrogen, NO2/NO3 unpres

Analytical Method: EPA 353.2

Nitrate as N	0.36	mg/L	0.050	1		03/12/20 22:13	14797-55-8	
Nitrate-Nitrite (as N)	0.36	mg/L	0.050	1		03/12/20 22:13	7727-37-9	

353.2 Nitrogen, NO2

Analytical Method: EPA 353.2

Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:02	14797-65-0	
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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-62		Lab ID: 70124941003	Collected: 03/11/20 08:49	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B)	405000	ug/L	500	1	03/17/20 10:32	03/17/20 21:45		
Calcium	162000	ug/L	200	1	03/17/20 10:32	03/17/20 21:45	7440-70-2	
Hardness, Magnesium	79100	ug/L	830	1	03/17/20 10:32	03/17/20 21:45		N3
Magnesium	19200	ug/L	200	1	03/17/20 10:32	03/17/20 21:45	7439-95-4	
Potassium	<5000	ug/L	5000	1	03/17/20 10:32	03/17/20 21:45	7440-09-7	
Sodium	103000	ug/L	5000	1	03/17/20 10:32	03/17/20 21:45	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	484000	ug/L	830	1	03/17/20 10:32	03/17/20 21:45		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 13:52	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 13:52	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 13:52	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 13:52	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 13:52	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 13:52	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 13:52	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 13:52	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 13:52	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 13:52	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 13:52	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 13:52	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 13:52	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 13:52	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 13:52	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 13:52	95-49-8	L1
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 13:52	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 13:52	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 13:52	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/16/20 13:52	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		03/16/20 13:52	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 13:52	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/16/20 13:52	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/16/20 13:52	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 13:52	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 13:52	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 13:52	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 13:52	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-62		Lab ID: 70124941003		Collected: 03/11/20 08:49		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Chloroform	<1.0	ug/L	1.0	1		03/16/20 13:52	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 13:52	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/16/20 13:52	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 13:52	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 13:52	75-71-8	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 13:52	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 13:52	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 13:52	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 13:52	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 13:52	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 13:52	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 13:52	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 13:52	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		03/16/20 13:52	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 13:52	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 13:52	108-05-4		
Vinyl chloride	1.3	ug/L	1.0	1		03/16/20 13:52	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 13:52	1330-20-7		
cis-1,2-Dichloroethene	3.6	ug/L	1.0	1		03/16/20 13:52	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 13:52	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 13:52	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	104-51-8	L1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 13:52	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 13:52	99-87-6	L1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 13:52	98-06-6	L1	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 13:52	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 13:52	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		03/16/20 13:52	17060-07-0		
4-Bromofluorobenzene (S)	92	%	79-124	1		03/16/20 13:52	460-00-4		
Toluene-d8 (S)	95	%	69-124	1		03/16/20 13:52	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	36.9	mg/L	2.0	1		03/20/20 21:49	16887-00-6		
Sulfate	<5.0	mg/L	5.0	1		03/20/20 21:49	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrate as N	<0.050	mg/L	0.050	1		03/12/20 22:14	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		03/12/20 22:14	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2							
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:05	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-64S		Lab ID: 70124941004		Collected: 03/11/20 07:48		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Ca Hardness as CaCO3 (SM 2340B	497000	ug/L	500	1	03/17/20 10:32	03/17/20 21:50			
Calcium	199000	ug/L	200	1	03/17/20 10:32	03/17/20 21:50	7440-70-2		
Hardness, Magnesium	115000	ug/L	830	1	03/17/20 10:32	03/17/20 21:50		N3	
Magnesium	27900	ug/L	200	1	03/17/20 10:32	03/17/20 21:50	7439-95-4		
Potassium	<5000	ug/L	5000	1	03/17/20 10:32	03/17/20 21:50	7440-09-7		
Sodium	217000	ug/L	5000	1	03/17/20 10:32	03/17/20 21:50	7440-23-5		
Tot Hardness asCaCO3 (SM 2340B	612000	ug/L	830	1	03/17/20 10:32	03/17/20 21:50			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 14:15	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:15	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 14:15	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:15	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:15	75-34-3		
1,1-Dichloroethene	3.1	ug/L	1.0	1		03/16/20 14:15	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 14:15	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:15	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 14:15	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 14:15	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:15	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:15	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:15	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:15	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 14:15	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 14:15	95-49-8	L1	
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 14:15	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 14:15	106-43-4	L1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 14:15	108-10-1		
Acetone	<5.0	ug/L	5.0	1		03/16/20 14:15	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		03/16/20 14:15	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 14:15	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		03/16/20 14:15	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		03/16/20 14:15	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 14:15	74-83-9		
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 14:15	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 14:15	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 14:15	75-00-3		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-64S		Lab ID: 70124941004		Collected: 03/11/20 07:48		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Chloroform	<1.0	ug/L	1.0	1		03/16/20 14:15	67-66-3	CL	
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 14:15	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/16/20 14:15	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 14:15	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 14:15	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 14:15	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 14:15	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 14:15	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 14:15	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 14:15	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 14:15	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 14:15	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 14:15	108-88-3		
Trichloroethene	92.6	ug/L	1.0	1		03/16/20 14:15	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 14:15	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 14:15	108-05-4		
Vinyl chloride	45.2	ug/L	1.0	1		03/16/20 14:15	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 14:15	1330-20-7		
cis-1,2-Dichloroethene	326	ug/L	5.0	5		03/16/20 17:41	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 14:15	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 14:15	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	104-51-8	L1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 14:15	95-47-6	L1	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 14:15	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:15	98-06-6	L1	
trans-1,2-Dichloroethene	8.5	ug/L	1.0	1		03/16/20 14:15	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 14:15	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		03/16/20 14:15	17060-07-0		
4-Bromofluorobenzene (S)	91	%	79-124	1		03/16/20 14:15	460-00-4		
Toluene-d8 (S)	95	%	69-124	1		03/16/20 14:15	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	461	mg/L	200	100		03/20/20 22:23	16887-00-6		
Sulfate	99.5	mg/L	25.0	5		03/20/20 22:06	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrate as N	<0.050	mg/L	0.050	1		03/12/20 22:15	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		03/12/20 22:15	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2							
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:06	14797-65-0		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-64D		Lab ID: 70124941005		Collected: 03/11/20 08:19		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Ca Hardness as CaCO3 (SM 2340B	618000	ug/L	500	1	03/17/20 10:32	03/17/20 22:06			
Calcium	247000	ug/L	200	1	03/17/20 10:32	03/17/20 22:06	7440-70-2		
Hardness, Magnesium	157000	ug/L	830	1	03/17/20 10:32	03/17/20 22:06		N3	
Magnesium	38200	ug/L	200	1	03/17/20 10:32	03/17/20 22:06	7439-95-4		
Potassium	<5000	ug/L	5000	1	03/17/20 10:32	03/17/20 22:06	7440-09-7		
Sodium	349000	ug/L	5000	1	03/17/20 10:32	03/17/20 22:06	7440-23-5		
Tot Hardness asCaCO3 (SM 2340B	775000	ug/L	830	1	03/17/20 10:32	03/17/20 22:06			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 14:38	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:38	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 14:38	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:38	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:38	75-34-3		
1,1-Dichloroethene	4.9	ug/L	1.0	1		03/16/20 14:38	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 14:38	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:38	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 14:38	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 14:38	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 14:38	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:38	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:38	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 14:38	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 14:38	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 14:38	95-49-8	L1	
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 14:38	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 14:38	106-43-4	L1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 14:38	108-10-1		
Acetone	<5.0	ug/L	5.0	1		03/16/20 14:38	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		03/16/20 14:38	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 14:38	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		03/16/20 14:38	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		03/16/20 14:38	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 14:38	74-83-9		
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 14:38	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 14:38	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 14:38	75-00-3		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-64D		Lab ID: 70124941005		Collected: 03/11/20 08:19		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Chloroform	<1.0	ug/L	1.0	1		03/16/20 14:38	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 14:38	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/16/20 14:38	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 14:38	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 14:38	75-71-8	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 14:38	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 14:38	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 14:38	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 14:38	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 14:38	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 14:38	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 14:38	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 14:38	108-88-3		
Trichloroethene	149	ug/L	1.0	1		03/16/20 14:38	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 14:38	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 14:38	108-05-4		
Vinyl chloride	75.8	ug/L	1.0	1		03/16/20 14:38	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 14:38	1330-20-7		
cis-1,2-Dichloroethene	644	ug/L	5.0	5		03/16/20 17:18	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 14:38	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 14:38	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	104-51-8	L1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 14:38	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 14:38	99-87-6	L1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 14:38	98-06-6	L1	
trans-1,2-Dichloroethene	13.3	ug/L	1.0	1		03/16/20 14:38	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 14:38	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		03/16/20 14:38	17060-07-0		
4-Bromofluorobenzene (S)	93	%	79-124	1		03/16/20 14:38	460-00-4		
Toluene-d8 (S)	95	%	69-124	1		03/16/20 14:38	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	995	mg/L	50.0	25		03/20/20 22:39	16887-00-6		
Sulfate	141	mg/L	50.0	10		03/20/20 00:42	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrate as N	<0.050	mg/L	0.050	1		03/12/20 22:16	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		03/12/20 22:16	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2							
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:08	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-65		Lab ID: 70124941006	Collected: 03/11/20 07:12	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B)	746000	ug/L	500	1	03/17/20 10:32	03/17/20 22:12		
Calcium	299000	ug/L	200	1	03/17/20 10:32	03/17/20 22:12	7440-70-2	M1
Hardness, Magnesium	278000	ug/L	830	1	03/17/20 10:32	03/17/20 22:12		N3
Magnesium	67400	ug/L	200	1	03/17/20 10:32	03/17/20 22:12	7439-95-4	
Potassium	6210	ug/L	5000	1	03/17/20 10:32	03/17/20 22:12	7440-09-7	
Sodium	510000	ug/L	5000	1	03/17/20 10:32	03/17/20 22:12	7440-23-5	M1
Tot Hardness asCaCO ₃ (SM 2340B)	1020000	ug/L	830	1	03/17/20 10:32	03/17/20 22:12		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 12:24	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:24	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 12:24	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:24	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:24	75-34-3	
1,1-Dichloroethene	1.0	ug/L	1.0	1		03/16/20 12:24	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 12:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	87-61-6	M1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:24	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 12:24	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 12:24	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:24	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:24	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:24	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:24	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 12:24	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 12:24	95-49-8	L1,M0
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 12:24	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 12:24	106-43-4	L1,M0
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 12:24	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/16/20 12:24	67-64-1	IC
Benzene	<1.0	ug/L	1.0	1		03/16/20 12:24	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 12:24	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/16/20 12:24	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/16/20 12:24	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 12:24	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 12:24	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 12:24	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 12:24	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-65		Lab ID: 70124941006		Collected: 03/11/20 07:12		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Chloroform	<1.0	ug/L	1.0	1		03/16/20 12:24	67-66-3	M1	
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 12:24	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		03/16/20 12:24	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 12:24	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 12:24	75-71-8	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 12:24	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 12:24	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 12:24	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 12:24	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 12:24	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 12:24	100-42-5		
Tetrachloroethene	135	ug/L	1.0	1		03/16/20 12:24	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 12:24	108-88-3		
Trichloroethene	79.3	ug/L	1.0	1		03/16/20 12:24	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 12:24	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 12:24	108-05-4		
Vinyl chloride	15.7	ug/L	1.0	1		03/16/20 12:24	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 12:24	1330-20-7		
cis-1,2-Dichloroethene	266	ug/L	3.0	3		03/16/20 18:27	156-59-2	M1	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 12:24	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 12:24	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	104-51-8	L1,M0	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 12:24	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 12:24	99-87-6	L1,M0	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	135-98-8	L1,M0	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:24	98-06-6	L1,M0	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 12:24	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 12:24	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		03/16/20 12:24	17060-07-0		
4-Bromofluorobenzene (S)	94	%	79-124	1		03/16/20 12:24	460-00-4		
Toluene-d8 (S)	95	%	69-124	1		03/16/20 12:24	2037-26-5		

300.0 IC Anions 28 Days

Analytical Method: EPA 300.0

Chloride	1410	mg/L	200	100		03/21/20 00:20	16887-00-6	
Sulfate	200	mg/L	100	20		03/20/20 22:56	14808-79-8	

353.2 Nitrogen, NO2/NO3 unpres

Analytical Method: EPA 353.2

Nitrate as N	<0.050	mg/L	0.050	1		03/12/20 22:17	14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		03/12/20 22:17	7727-37-9	

353.2 Nitrogen, NO2

Analytical Method: EPA 353.2

Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:09	14797-65-0	
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-67		Lab ID: 70124941007	Collected: 03/11/20 10:00	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B)	438000	ug/L	500	1	03/17/20 10:32	03/17/20 22:35		
Calcium	175000	ug/L	200	1	03/17/20 10:32	03/17/20 22:35	7440-70-2	
Hardness, Magnesium	162000	ug/L	830	1	03/17/20 10:32	03/17/20 22:35		N3
Magnesium	39400	ug/L	200	1	03/17/20 10:32	03/17/20 22:35	7439-95-4	
Potassium	<5000	ug/L	5000	1	03/17/20 10:32	03/17/20 22:35	7440-09-7	
Sodium	194000	ug/L	5000	1	03/17/20 10:32	03/17/20 22:35	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	600000	ug/L	830	1	03/17/20 10:32	03/17/20 22:35		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 15:01	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:01	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 15:01	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:01	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:01	75-34-3	
1,1-Dichloroethene	1.2	ug/L	1.0	1		03/16/20 15:01	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 15:01	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:01	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 15:01	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 15:01	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:01	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:01	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:01	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:01	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 15:01	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 15:01	95-49-8	L1
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 15:01	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 15:01	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 15:01	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/16/20 15:01	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		03/16/20 15:01	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 15:01	74-97-5	
Bromodichloromethane	2.6	ug/L	1.0	1		03/16/20 15:01	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/16/20 15:01	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 15:01	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 15:01	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 15:01	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 15:01	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-67		Lab ID: 70124941007	Collected: 03/11/20 10:00	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
Chloroform	13.7	ug/L	1.0	1		03/16/20 15:01	67-66-3	CH
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 15:01	74-87-3	
Dibromochloromethane	1.0	ug/L	1.0	1		03/16/20 15:01	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 15:01	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 15:01	75-71-8	CL
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 15:01	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 15:01	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 15:01	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 15:01	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 15:01	91-20-3	
Styrene	<1.0	ug/L	1.0	1		03/16/20 15:01	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 15:01	127-18-4	
Toluene	<1.0	ug/L	1.0	1		03/16/20 15:01	108-88-3	
Trichloroethene	1.6	ug/L	1.0	1		03/16/20 15:01	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 15:01	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 15:01	108-05-4	
Vinyl chloride	8.7	ug/L	1.0	1		03/16/20 15:01	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 15:01	1330-20-7	
cis-1,2-Dichloroethene	2070	ug/L	40.0	40		03/16/20 18:04	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 15:01	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 15:01	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	104-51-8	L1
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 15:01	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 15:01	99-87-6	L1
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	135-98-8	L1
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:01	98-06-6	L1
trans-1,2-Dichloroethene	15.6	ug/L	1.0	1		03/16/20 15:01	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 15:01	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		03/16/20 15:01	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		03/16/20 15:01	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		03/16/20 15:01	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0						
Chloride	462	mg/L	40.0	20		03/21/20 01:26	16887-00-6	
Sulfate	28.9	mg/L	5.0	1		03/21/20 01:10	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2						
Nitrate as N	0.15	mg/L	0.050	1		03/12/20 22:23	14797-55-8	
Nitrate-Nitrite (as N)	0.15	mg/L	0.050	1		03/12/20 22:23	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2						
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:15	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-68		Lab ID: 70124941008	Collected: 03/11/20 10:45	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B)	315000	ug/L	500	1	03/17/20 10:32	03/17/20 22:41		
Calcium	126000	ug/L	200	1	03/17/20 10:32	03/17/20 22:41	7440-70-2	
Hardness, Magnesium	75800	ug/L	830	1	03/17/20 10:32	03/17/20 22:41		N3
Magnesium	18400	ug/L	200	1	03/17/20 10:32	03/17/20 22:41	7439-95-4	
Potassium	<5000	ug/L	5000	1	03/17/20 10:32	03/17/20 22:41	7440-09-7	
Sodium	39700	ug/L	5000	1	03/17/20 10:32	03/17/20 22:41	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	391000	ug/L	830	1	03/17/20 10:32	03/17/20 22:41		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 16:33	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:33	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 16:33	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:33	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:33	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:33	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:33	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:33	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 16:33	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 16:33	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:33	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:33	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:33	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:33	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 16:33	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 16:33	95-49-8	L1
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 16:33	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 16:33	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 16:33	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/16/20 16:33	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		03/16/20 16:33	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 16:33	74-97-5	
Bromodichloromethane	1.6	ug/L	1.0	1		03/16/20 16:33	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/16/20 16:33	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 16:33	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 16:33	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 16:33	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 16:33	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-68		Lab ID: 70124941008	Collected: 03/11/20 10:45	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
Chloroform	8.8	ug/L	1.0	1		03/16/20 16:33	67-66-3	CH
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 16:33	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/16/20 16:33	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 16:33	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 16:33	75-71-8	CL
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 16:33	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 16:33	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 16:33	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 16:33	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 16:33	91-20-3	
Styrene	<1.0	ug/L	1.0	1		03/16/20 16:33	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 16:33	127-18-4	
Toluene	<1.0	ug/L	1.0	1		03/16/20 16:33	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:33	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 16:33	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 16:33	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		03/16/20 16:33	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 16:33	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:33	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:33	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 16:33	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	104-51-8	L1
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 16:33	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 16:33	99-87-6	L1
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	135-98-8	L1
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:33	98-06-6	L1
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:33	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:33	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		03/16/20 16:33	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		03/16/20 16:33	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		03/16/20 16:33	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0						
Chloride	73.0	mg/L	10.0	5		03/21/20 01:43	16887-00-6	
Sulfate	14.0	mg/L	5.0	1		03/20/20 02:39	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2						
Nitrate as N	0.27	mg/L	0.050	1		03/12/20 22:24	14797-55-8	
Nitrate-Nitrite (as N)	0.27	mg/L	0.050	1		03/12/20 22:24	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2						
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:16	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-70S		Lab ID: 70124941009	Collected: 03/11/20 11:30	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B)	83700	ug/L	500	1	03/18/20 10:42	03/18/20 22:24		
Calcium	33500	ug/L	200	1	03/18/20 10:42	03/18/20 22:24	7440-70-2	
Hardness, Magnesium	34700	ug/L	830	1	03/18/20 10:42	03/18/20 22:24		N3
Magnesium	8420	ug/L	200	1	03/18/20 10:42	03/18/20 22:24	7439-95-4	
Potassium	<5000	ug/L	5000	1	03/18/20 10:42	03/18/20 22:24	7440-09-7	
Sodium	43000	ug/L	5000	1	03/18/20 10:42	03/18/20 22:24	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	118000	ug/L	830	1	03/18/20 10:42	03/18/20 22:24		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 15:47	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:47	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 15:47	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:47	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:47	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 15:47	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 15:47	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:47	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 15:47	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 15:47	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 15:47	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:47	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:47	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 15:47	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 15:47	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 15:47	95-49-8	L1
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 15:47	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 15:47	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 15:47	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/16/20 15:47	67-64-1	IC
Benzene	<1.0	ug/L	1.0	1		03/16/20 15:47	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 15:47	74-97-5	
Bromodichloromethane	2.9	ug/L	1.0	1		03/16/20 15:47	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/16/20 15:47	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 15:47	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 15:47	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 15:47	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 15:47	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-70S		Lab ID: 70124941009		Collected: 03/11/20 11:30		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Chloroform	15.3	ug/L	1.0	1		03/16/20 15:47	67-66-3	CH	
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 15:47	74-87-3		
Dibromochloromethane	1.2	ug/L	1.0	1		03/16/20 15:47	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 15:47	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 15:47	75-71-8	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 15:47	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 15:47	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 15:47	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 15:47	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 15:47	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 15:47	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 15:47	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 15:47	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		03/16/20 15:47	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 15:47	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 15:47	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		03/16/20 15:47	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 15:47	1330-20-7		
cis-1,2-Dichloroethene	1.6	ug/L	1.0	1		03/16/20 15:47	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 15:47	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 15:47	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	104-51-8	L1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 15:47	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 15:47	99-87-6	L1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 15:47	98-06-6	L1	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 15:47	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 15:47	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		03/16/20 15:47	17060-07-0		
4-Bromofluorobenzene (S)	94	%	79-124	1		03/16/20 15:47	460-00-4		
Toluene-d8 (S)	94	%	69-124	1		03/16/20 15:47	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	58.9	mg/L	20.0	10		03/20/20 02:55	16887-00-6		
Sulfate	12.8	mg/L	5.0	1		03/21/20 02:00	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrate as N	0.80	mg/L	0.050	1		03/12/20 22:26	14797-55-8		
Nitrate-Nitrite (as N)	0.80	mg/L	0.050	1		03/12/20 22:26	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2							
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:18	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-70D		Lab ID: 70124941010		Collected: 03/11/20 11:47		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7							
Ca Hardness as CaCO3 (SM 2340B	230000	ug/L	500	1	03/18/20 10:42	03/18/20 22:29			
Calcium	92200	ug/L	200	1	03/18/20 10:42	03/18/20 22:29	7440-70-2		
Hardness, Magnesium	154000	ug/L	830	1	03/18/20 10:42	03/18/20 22:29		N3	
Magnesium	37500	ug/L	200	1	03/18/20 10:42	03/18/20 22:29	7439-95-4		
Potassium	5170	ug/L	5000	1	03/18/20 10:42	03/18/20 22:29	7440-09-7		
Sodium	81600	ug/L	5000	1	03/18/20 10:42	03/18/20 22:29	7440-23-5		
Tot Hardness asCaCO3 (SM 2340B	385000	ug/L	830	1	03/18/20 10:42	03/18/20 22:29			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 16:10	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:10	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 16:10	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:10	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:10	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:10	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:10	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:10	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 16:10	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 16:10	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 16:10	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:10	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:10	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 16:10	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 16:10	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 16:10	95-49-8	L1	
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 16:10	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 16:10	106-43-4	L1	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 16:10	108-10-1		
Acetone	10.9	ug/L	5.0	1		03/16/20 16:10	67-64-1	CH,IC	
Benzene	<1.0	ug/L	1.0	1		03/16/20 16:10	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 16:10	74-97-5		
Bromodichloromethane	4.7	ug/L	1.0	1		03/16/20 16:10	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		03/16/20 16:10	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 16:10	74-83-9		
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 16:10	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 16:10	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 16:10	75-00-3		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: MW-70D		Lab ID: 70124941010		Collected: 03/11/20 11:47		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Chloroform	26.0	ug/L	1.0	1		03/16/20 16:10	67-66-3	CH	
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 16:10	74-87-3		
Dibromochloromethane	1.6	ug/L	1.0	1		03/16/20 16:10	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 16:10	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 16:10	75-71-8	CL	
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 16:10	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 16:10	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 16:10	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 16:10	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 16:10	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 16:10	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 16:10	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 16:10	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:10	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 16:10	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 16:10	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		03/16/20 16:10	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 16:10	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:10	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:10	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 16:10	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	104-51-8	L1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 16:10	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 16:10	99-87-6	L1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 16:10	98-06-6	L1	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 16:10	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 16:10	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		03/16/20 16:10	17060-07-0		
4-Bromofluorobenzene (S)	95	%	79-124	1		03/16/20 16:10	460-00-4		
Toluene-d8 (S)	95	%	69-124	1		03/16/20 16:10	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0							
Chloride	127	mg/L	20.0	10		03/21/20 02:17	16887-00-6		
Sulfate	13.1	mg/L	5.0	1		03/20/20 03:12	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2							
Nitrate as N	0.32	mg/L	0.050	1		03/12/20 22:27	14797-55-8		
Nitrate-Nitrite (as N)	0.32	mg/L	0.050	1		03/12/20 22:27	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2							
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:19	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: DUP X		Lab ID: 70124941011	Collected: 03/11/20 00:00	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Ca Hardness as CaCO ₃ (SM 2340B	631000	ug/L	500	1	03/18/20 10:42	03/18/20 22:34		
Calcium	253000	ug/L	200	1	03/18/20 10:42	03/18/20 22:34	7440-70-2	
Hardness, Magnesium	161000	ug/L	830	1	03/18/20 10:42	03/18/20 22:34		N3
Magnesium	39000	ug/L	200	1	03/18/20 10:42	03/18/20 22:34	7439-95-4	
Potassium	5180	ug/L	5000	1	03/18/20 10:42	03/18/20 22:34	7440-09-7	
Sodium	359000	ug/L	5000	1	03/18/20 10:42	03/18/20 22:34	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B	792000	ug/L	830	1	03/18/20 10:42	03/18/20 22:34		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<10.0	ug/L	10.0	10		03/16/20 13:33	630-20-6	
1,1,1-Trichloroethane	<10.0	ug/L	10.0	10		03/16/20 13:33	71-55-6	
1,1,2,2-Tetrachloroethane	<10.0	ug/L	10.0	10		03/16/20 13:33	79-34-5	
1,1,2-Trichloroethane	<10.0	ug/L	10.0	10		03/16/20 13:33	79-00-5	
1,1-Dichloroethane	<10.0	ug/L	10.0	10		03/16/20 13:33	75-34-3	
1,1-Dichloroethene	<10.0	ug/L	10.0	10		03/16/20 13:33	75-35-4	
1,1-Dichloropropene	<10.0	ug/L	10.0	10		03/16/20 13:33	563-58-6	
1,2,3-Trichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	87-61-6	
1,2,3-Trichloropropane	<10.0	ug/L	10.0	10		03/16/20 13:33	96-18-4	
1,2,4-Trichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	120-82-1	
1,2,4-Trimethylbenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	95-63-6	
1,2-Dibromo-3-chloropropane	<10.0	ug/L	10.0	10		03/16/20 13:33	96-12-8	
1,2-Dibromoethane (EDB)	<10.0	ug/L	10.0	10		03/16/20 13:33	106-93-4	
1,2-Dichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	95-50-1	
1,2-Dichloroethane	<10.0	ug/L	10.0	10		03/16/20 13:33	107-06-2	
1,2-Dichloropropane	<10.0	ug/L	10.0	10		03/16/20 13:33	78-87-5	
1,3,5-Trimethylbenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	108-67-8	
1,3-Dichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	541-73-1	
1,3-Dichloropropane	<10.0	ug/L	10.0	10		03/16/20 13:33	142-28-9	
1,4-Dichlorobenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	106-46-7	
2,2-Dichloropropane	<10.0	ug/L	10.0	10		03/16/20 13:33	594-20-7	
2-Butanone (MEK)	<50.0	ug/L	50.0	10		03/16/20 13:33	78-93-3	IL
2-Chlorotoluene	<10.0	ug/L	10.0	10		03/16/20 13:33	95-49-8	L1
2-Hexanone	<50.0	ug/L	50.0	10		03/16/20 13:33	591-78-6	
4-Chlorotoluene	<10.0	ug/L	10.0	10		03/16/20 13:33	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<50.0	ug/L	50.0	10		03/16/20 13:33	108-10-1	
Acetone	<50.0	ug/L	50.0	10		03/16/20 13:33	67-64-1	IC
Benzene	<10.0	ug/L	10.0	10		03/16/20 13:33	71-43-2	
Bromobenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	108-86-1	
Bromochloromethane	<10.0	ug/L	10.0	10		03/16/20 13:33	74-97-5	
Bromodichloromethane	<10.0	ug/L	10.0	10		03/16/20 13:33	75-27-4	
Bromoform	<10.0	ug/L	10.0	10		03/16/20 13:33	75-25-2	
Bromomethane	<10.0	ug/L	10.0	10		03/16/20 13:33	74-83-9	
Carbon disulfide	<10.0	ug/L	10.0	10		03/16/20 13:33	75-15-0	
Carbon tetrachloride	<10.0	ug/L	10.0	10		03/16/20 13:33	56-23-5	
Chlorobenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	108-90-7	
Chloroethane	<10.0	ug/L	10.0	10		03/16/20 13:33	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: DUP X		Lab ID: 70124941011	Collected: 03/11/20 00:00	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
Chloroform	<10.0	ug/L	10.0	10		03/16/20 13:33	67-66-3	
Chloromethane	<10.0	ug/L	10.0	10		03/16/20 13:33	74-87-3	
Dibromochloromethane	<10.0	ug/L	10.0	10		03/16/20 13:33	124-48-1	
Dibromomethane	<10.0	ug/L	10.0	10		03/16/20 13:33	74-95-3	
Dichlorodifluoromethane	<10.0	ug/L	10.0	10		03/16/20 13:33	75-71-8	CL
Ethylbenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	100-41-4	
Hexachloro-1,3-butadiene	<10.0	ug/L	10.0	10		03/16/20 13:33	87-68-3	
Isopropylbenzene (Cumene)	<10.0	ug/L	10.0	10		03/16/20 13:33	98-82-8	
Methyl-tert-butyl ether	<10.0	ug/L	10.0	10		03/16/20 13:33	1634-04-4	
Methylene Chloride	<10.0	ug/L	10.0	10		03/16/20 13:33	75-09-2	
Naphthalene	<10.0	ug/L	10.0	10		03/16/20 13:33	91-20-3	
Styrene	<10.0	ug/L	10.0	10		03/16/20 13:33	100-42-5	
Tetrachloroethene	<10.0	ug/L	10.0	10		03/16/20 13:33	127-18-4	
Toluene	<10.0	ug/L	10.0	10		03/16/20 13:33	108-88-3	
Trichloroethene	145	ug/L	10.0	10		03/16/20 13:33	79-01-6	
Trichlorofluoromethane	<10.0	ug/L	10.0	10		03/16/20 13:33	75-69-4	
Vinyl acetate	<10.0	ug/L	10.0	10		03/16/20 13:33	108-05-4	
Vinyl chloride	72.6	ug/L	10.0	10		03/16/20 13:33	75-01-4	
Xylene (Total)	<30.0	ug/L	30.0	10		03/16/20 13:33	1330-20-7	
cis-1,2-Dichloroethene	646	ug/L	10.0	10		03/16/20 13:33	156-59-2	
cis-1,3-Dichloropropene	<10.0	ug/L	10.0	10		03/16/20 13:33	10061-01-5	
m&p-Xylene	<20.0	ug/L	20.0	10		03/16/20 13:33	179601-23-1	
n-Butylbenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	104-51-8	L1
n-Propylbenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	103-65-1	
o-Xylene	<10.0	ug/L	10.0	10		03/16/20 13:33	95-47-6	
p-Isopropyltoluene	<10.0	ug/L	10.0	10		03/16/20 13:33	99-87-6	L1
sec-Butylbenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	135-98-8	L1
tert-Butylbenzene	<10.0	ug/L	10.0	10		03/16/20 13:33	98-06-6	L1
trans-1,2-Dichloroethene	14.2	ug/L	10.0	10		03/16/20 13:33	156-60-5	
trans-1,3-Dichloropropene	<10.0	ug/L	10.0	10		03/16/20 13:33	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	10		03/16/20 13:33	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	10		03/16/20 13:33	460-00-4	
Toluene-d8 (S)	96	%	69-124	10		03/16/20 13:33	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0						
Chloride	997	mg/L	50.0	25		03/21/20 03:07	16887-00-6	
Sulfate	140	mg/L	50.0	10		03/20/20 03:29	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2						
Nitrate as N	<0.050	mg/L	0.050	1		03/12/20 22:28	14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		03/12/20 22:28	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2						
Nitrite as N	<0.050	mg/L	0.050	1		03/12/20 20:20	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: TRIP BLANK		Lab ID: 70124941012	Collected: 03/11/20 00:00	Received: 03/12/20 09:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 12:01	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:01	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		03/16/20 12:01	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:01	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:01	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 12:01	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 12:01	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:01	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		03/16/20 12:01	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		03/16/20 12:01	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		03/16/20 12:01	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:01	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:01	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		03/16/20 12:01	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		03/16/20 12:01	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 12:01	95-49-8	L1
2-Hexanone	<5.0	ug/L	5.0	1		03/16/20 12:01	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		03/16/20 12:01	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		03/16/20 12:01	108-10-1	
Acetone	<5.0	ug/L	5.0	1		03/16/20 12:01	67-64-1	IC
Benzene	<1.0	ug/L	1.0	1		03/16/20 12:01	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		03/16/20 12:01	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		03/16/20 12:01	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		03/16/20 12:01	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		03/16/20 12:01	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		03/16/20 12:01	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		03/16/20 12:01	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		03/16/20 12:01	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		03/16/20 12:01	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		03/16/20 12:01	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		03/16/20 12:01	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		03/16/20 12:01	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		03/16/20 12:01	75-71-8	CL
Ethylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		03/16/20 12:01	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		03/16/20 12:01	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		03/16/20 12:01	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		03/16/20 12:01	75-09-2	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Sample: TRIP BLANK		Lab ID: 70124941012		Collected: 03/11/20 00:00		Received: 03/12/20 09:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C							
Naphthalene	<1.0	ug/L	1.0	1		03/16/20 12:01	91-20-3		
Styrene	<1.0	ug/L	1.0	1		03/16/20 12:01	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		03/16/20 12:01	127-18-4		
Toluene	<1.0	ug/L	1.0	1		03/16/20 12:01	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		03/16/20 12:01	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		03/16/20 12:01	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		03/16/20 12:01	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		03/16/20 12:01	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		03/16/20 12:01	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 12:01	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 12:01	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		03/16/20 12:01	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	104-51-8	L1	
n-Propylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		03/16/20 12:01	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		03/16/20 12:01	99-87-6	L1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		03/16/20 12:01	98-06-6	L1	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		03/16/20 12:01	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		03/16/20 12:01	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		03/16/20 12:01	17060-07-0		
4-Bromofluorobenzene (S)	93	%	79-124	1		03/16/20 12:01	460-00-4		
Toluene-d8 (S)	95	%	69-124	1		03/16/20 12:01	2037-26-5		

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

QC Batch:	153692	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
Associated Lab Samples:	70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008		

METHOD BLANK: 739361 Matrix: Water
Associated Lab Samples: 70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	<500	500	03/17/20 15:35	
Calcium	ug/L	<200	200	03/17/20 15:35	
Hardness, Magnesium	ug/L	<830	830	03/17/20 15:35	N3
Magnesium	ug/L	<200	200	03/17/20 15:35	
Potassium	ug/L	<5000	5000	03/17/20 15:35	
Sodium	ug/L	<5000	5000	03/17/20 15:35	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	<830	830	03/17/20 15:35	

LABORATORY CONTROL SAMPLE: 739362

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L		65900			
Calcium	ug/L	25000	26400	106	85-115	
Hardness, Magnesium	ug/L		107000			N3
Magnesium	ug/L	25000	25900	104	85-115	
Potassium	ug/L	50000	51400	103	85-115	
Sodium	ug/L	50000	51900	104	85-115	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L		173000			

MATRIX SPIKE SAMPLE: 739364

Parameter	Units	70124238001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	43400		100000			
Calcium	ug/L	17400	25000	40100	91	70-130	
Hardness, Magnesium	ug/L	112000		201000			N3
Magnesium	ug/L	27100	25000	48900	87	70-130	
Potassium	ug/L	9130	50000	55300	92	70-130	
Sodium	ug/L	47700	50000	91500	88	70-130	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	155000		301000			

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

MATRIX SPIKE SAMPLE: 739380		70124941006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B)	ug/L	746000		771000			
Calcium	ug/L	299000	25000	309000	39	70-130	M1
Hardness, Magnesium	ug/L	278000		358000			N3
Magnesium	ug/L	67400	25000	87000	79	70-130	
Potassium	ug/L	6210	50000	54100	96	70-130	
Sodium	ug/L	510000	50000	531000	41	70-130	M1
Tot Hardness asCaCO ₃ (SM 2340B)	ug/L	1020000		1130000			

SAMPLE DUPLICATE: 739363

		70124238001	Dup			
Parameter	Units	Result	Result	RPD		Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B)	ug/L	43400	43200	1		
Calcium	ug/L	17400	17300	1		
Hardness, Magnesium	ug/L	112000	111000	0	N3	
Magnesium	ug/L	27100	27000	0		
Potassium	ug/L	9130	8980	2		
Sodium	ug/L	47700	47700	0		
Tot Hardness asCaCO ₃ (SM 2340B)	ug/L	155000	154000	0		

SAMPLE DUPLICATE: 739379

		70124941006	Dup			
Parameter	Units	Result	Result	RPD		Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B)	ug/L	746000	727000	3		
Calcium	ug/L	299000	291000	3		
Hardness, Magnesium	ug/L	278000	271000	2	N3	
Magnesium	ug/L	67400	65800	2		
Potassium	ug/L	6210	6170	1		
Sodium	ug/L	510000	497000	3		
Tot Hardness asCaCO ₃ (SM 2340B)	ug/L	1020000	998000	3		

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

QC Batch: 153958 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 70124941009, 70124941010, 70124941011

METHOD BLANK: 740560 Matrix: Water

Associated Lab Samples: 70124941009, 70124941010, 70124941011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	<500	500	03/18/20 22:12	
Calcium	ug/L	<200	200	03/18/20 22:12	
Hardness, Magnesium	ug/L	<830	830	03/18/20 22:12	N3
Magnesium	ug/L	<200	200	03/18/20 22:12	
Potassium	ug/L	<5000	5000	03/18/20 22:12	
Sodium	ug/L	<5000	5000	03/18/20 22:12	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	<830	830	03/18/20 22:12	

LABORATORY CONTROL SAMPLE: 740561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L		60900			
Calcium	ug/L	25000	24400	97	85-115	
Hardness, Magnesium	ug/L		98500			N3
Magnesium	ug/L	25000	23900	96	85-115	
Potassium	ug/L	50000	47200	94	85-115	
Sodium	ug/L	50000	49100	98	85-115	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L		159000			

MATRIX SPIKE SAMPLE: 740563

Parameter	Units	70125424001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	153000		208000			
Calcium	ug/L	61400	25000	83400	88	70-130	
Hardness, Magnesium	ug/L	75100		165000			N3
Magnesium	ug/L	18200	25000	40200	88	70-130	
Potassium	ug/L	<5000	50000	44900	87	70-130	
Sodium	ug/L	90200	50000	134000	87	70-130	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	228000		374000			

MATRIX SPIKE SAMPLE: 740565

Parameter	Units	70125332001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	<500		60000			

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

MATRIX SPIKE SAMPLE: 740565		70125332001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Calcium	ug/L	<200	25000	24000	95	70-130	
Hardness, Magnesium	ug/L	<830		96600			N3
Magnesium	ug/L	<200	25000	23500	94	70-130	
Potassium	ug/L	<5000	50000	43700	87	70-130	
Sodium	ug/L	<5000	50000	49700	95	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<830		157000			

SAMPLE DUPLICATE: 740562

Parameter	Units	70125424001	Dup	RPD	Qualifiers
		Result	Result		
Ca Hardness as CaCO3 (SM 2340B	ug/L	153000	152000	1	
Calcium	ug/L	61400	60900	1	
Hardness, Magnesium	ug/L	75100	73900	2	N3
Magnesium	ug/L	18200	17900	2	
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	90200	89800	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	228000	226000	1	

SAMPLE DUPLICATE: 740564

Parameter	Units	70125332001	Dup	RPD	Qualifiers
		Result	Result		
Ca Hardness as CaCO3 (SM 2340B	ug/L	<500	<500		
Calcium	ug/L	<200	<200		
Hardness, Magnesium	ug/L	<830	<830		N3
Magnesium	ug/L	<200	<200		
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	<5000	<5000		
Tot Hardness asCaCO3 (SM 2340B	ug/L	<830	890		

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

QC Batch:	153541	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
Associated Lab Samples:	70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011, 70124941012		

METHOD BLANK:	738522	Matrix:	Water
Associated Lab Samples:	70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011, 70124941012		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/16/20 10:53	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/16/20 10:53	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/16/20 10:53	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/16/20 10:53	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/16/20 10:53	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/16/20 10:53	
1,1-Dichloropropene	ug/L	<1.0	1.0	03/16/20 10:53	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/16/20 10:53	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/16/20 10:53	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	03/16/20 10:53	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/16/20 10:53	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	03/16/20 10:53	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/16/20 10:53	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	03/16/20 10:53	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/16/20 10:53	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/16/20 10:53	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/16/20 10:53	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/16/20 10:53	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/16/20 10:53	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	03/16/20 10:53	
2,2-Dichloropropane	ug/L	<1.0	1.0	03/16/20 10:53	
2-Butanone (MEK)	ug/L	<5.0	5.0	03/16/20 10:53	IL
2-Chlorotoluene	ug/L	<1.0	1.0	03/16/20 10:53	
2-Hexanone	ug/L	<5.0	5.0	03/16/20 10:53	
4-Chlorotoluene	ug/L	<1.0	1.0	03/16/20 10:53	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/16/20 10:53	
Acetone	ug/L	<5.0	5.0	03/16/20 10:53	IC
Benzene	ug/L	<1.0	1.0	03/16/20 10:53	
Bromobenzene	ug/L	<1.0	1.0	03/16/20 10:53	
Bromochloromethane	ug/L	<1.0	1.0	03/16/20 10:53	
Bromodichloromethane	ug/L	<1.0	1.0	03/16/20 10:53	
Bromoform	ug/L	<1.0	1.0	03/16/20 10:53	
Bromomethane	ug/L	<1.0	1.0	03/16/20 10:53	
Carbon disulfide	ug/L	<1.0	1.0	03/16/20 10:53	
Carbon tetrachloride	ug/L	<1.0	1.0	03/16/20 10:53	
Chlorobenzene	ug/L	<1.0	1.0	03/16/20 10:53	
Chloroethane	ug/L	<1.0	1.0	03/16/20 10:53	
Chloroform	ug/L	<1.0	1.0	03/16/20 10:53	
Chloromethane	ug/L	<1.0	1.0	03/16/20 10:53	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/16/20 10:53	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

METHOD BLANK: 738522

Matrix: Water

Associated Lab Samples: 70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011, 70124941012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/16/20 10:53	CL
Dibromochloromethane	ug/L	<1.0	1.0	03/16/20 10:53	
Dibromomethane	ug/L	<1.0	1.0	03/16/20 10:53	
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/16/20 10:53	
Ethylbenzene	ug/L	<1.0	1.0	03/16/20 10:53	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/16/20 10:53	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/16/20 10:53	
m&p-Xylene	ug/L	<2.0	2.0	03/16/20 10:53	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	03/16/20 10:53	
Methylene Chloride	ug/L	<1.0	1.0	03/16/20 10:53	
n-Butylbenzene	ug/L	<1.0	1.0	03/16/20 10:53	
n-Propylbenzene	ug/L	<1.0	1.0	03/16/20 10:53	
Naphthalene	ug/L	<1.0	1.0	03/16/20 10:53	
o-Xylene	ug/L	<1.0	1.0	03/16/20 10:53	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/16/20 10:53	
sec-Butylbenzene	ug/L	<1.0	1.0	03/16/20 10:53	
Styrene	ug/L	<1.0	1.0	03/16/20 10:53	
tert-Butylbenzene	ug/L	<1.0	1.0	03/16/20 10:53	
Tetrachloroethene	ug/L	<1.0	1.0	03/16/20 10:53	
Toluene	ug/L	<1.0	1.0	03/16/20 10:53	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/16/20 10:53	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/16/20 10:53	
Trichloroethene	ug/L	<1.0	1.0	03/16/20 10:53	
Trichlorofluoromethane	ug/L	<1.0	1.0	03/16/20 10:53	
Vinyl acetate	ug/L	<1.0	1.0	03/16/20 10:53	
Vinyl chloride	ug/L	<1.0	1.0	03/16/20 10:53	
Xylene (Total)	ug/L	<3.0	3.0	03/16/20 10:53	
1,2-Dichloroethane-d4 (S)	%	100	68-153	03/16/20 10:53	
4-Bromofluorobenzene (S)	%	94	79-124	03/16/20 10:53	
Toluene-d8 (S)	%	95	69-124	03/16/20 10:53	

LABORATORY CONTROL SAMPLE: 738523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.6	91	74-113	
1,1,1-Trichloroethane	ug/L	50	48.6	97	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	53.9	108	74-121	
1,1,2-Trichloroethane	ug/L	50	53.1	106	80-117	
1,1-Dichloroethane	ug/L	50	58.1	116	83-151	
1,1-Dichloroethene	ug/L	50	51.1	102	45-146	
1,1-Dichloropropene	ug/L	50	54.3	109	59-127	
1,2,3-Trichlorobenzene	ug/L	50	51.6	103	67-103	
1,2,3-Trichloropropane	ug/L	50	47.4	95	71-123	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

LABORATORY CONTROL SAMPLE: 738523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	51.0	102	66-116	
1,2,4-Trimethylbenzene	ug/L	50	52.6	105	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	45.5	91	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	47.4	95	83-115	
1,2-Dichlorobenzene	ug/L	50	51.4	103	74-113	
1,2-Dichloroethane	ug/L	50	59.8	120	74-129	CH
1,2-Dichloropropane	ug/L	50	54.9	110	75-117	
1,3,5-Trimethylbenzene	ug/L	50	52.8	106	67-116	
1,3-Dichlorobenzene	ug/L	50	51.0	102	71-112	
1,3-Dichloropropane	ug/L	50	52.5	105	74-112	
1,4-Dichlorobenzene	ug/L	50	50.6	101	71-113	
2,2-Dichloropropane	ug/L	50	46.4	93	63-133	
2-Butanone (MEK)	ug/L	50	38.2	76	44-162	IL
2-Chlorotoluene	ug/L	50	52.8	106	74-101	L1
2-Hexanone	ug/L	50	52.0	104	32-183	
4-Chlorotoluene	ug/L	50	54.3	109	74-101	L1
4-Methyl-2-pentanone (MIBK)	ug/L	50	55.8	112	69-132	
Acetone	ug/L	50	51.2	102	23-188	CH,IC
Benzene	ug/L	50	53.7	107	73-119	
Bromobenzene	ug/L	50	48.7	97	72-102	
Bromochloromethane	ug/L	50	58.0	116	81-116	
Bromodichloromethane	ug/L	50	52.7	105	78-117	
Bromoform	ug/L	50	41.5	83	65-122	
Bromomethane	ug/L	50	58.6	117	52-147	
Carbon disulfide	ug/L	50	45.2	90	41-144	
Carbon tetrachloride	ug/L	50	53.1	106	59-120	
Chlorobenzene	ug/L	50	50.6	101	75-113	
Chloroethane	ug/L	50	51.2	102	49-151	
Chloroform	ug/L	50	61.2	122	72-122	CH
Chloromethane	ug/L	50	50.2	100	46-144	
cis-1,2-Dichloroethene	ug/L	50	57.0	114	72-121	
cis-1,3-Dichloropropene	ug/L	50	48.1	96	78-116	
Dibromochloromethane	ug/L	50	46.0	92	70-120	
Dibromomethane	ug/L	50	51.3	103	75-125	
Dichlorodifluoromethane	ug/L	50	22.7	45	22-154	CL
Ethylbenzene	ug/L	50	49.9	100	70-113	
Hexachloro-1,3-butadiene	ug/L	50	49.6	99	59-121	
Isopropylbenzene (Cumene)	ug/L	50	52.5	105	67-115	
m&p-Xylene	ug/L	100	97.8	98	72-115	
Methyl-tert-butyl ether	ug/L	50	53.4	107	72-131	
Methylene Chloride	ug/L	50	53.4	107	61-142	
n-Butylbenzene	ug/L	50	56.1	112	73-107	L1
n-Propylbenzene	ug/L	50	54.5	109	68-116	
Naphthalene	ug/L	50	52.3	105	70-118	
o-Xylene	ug/L	50	49.4	99	73-117	
p-Isopropyltoluene	ug/L	50	51.8	104	73-101	L1
sec-Butylbenzene	ug/L	50	54.3	109	72-103	L1

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

LABORATORY CONTROL SAMPLE: 738523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	48.9	98	72-118	
tert-Butylbenzene	ug/L	50	51.9	104	68-100	L1
Tetrachloroethene	ug/L	50	47.4	95	60-128	
Toluene	ug/L	50	53.2	106	72-119	
trans-1,2-Dichloroethene	ug/L	50	55.3	111	56-142	
trans-1,3-Dichloropropene	ug/L	50	44.4	89	79-116	
Trichloroethene	ug/L	50	50.3	101	69-117	
Trichlorofluoromethane	ug/L	50	47.6	95	27-173	
Vinyl acetate	ug/L	50	50.0	100	20-158	
Vinyl chloride	ug/L	50	51.5	103	43-143	
Xylene (Total)	ug/L	150	147	98	71-109	
1,2-Dichloroethane-d4 (S)	%			96	68-153	
4-Bromofluorobenzene (S)	%			92	79-124	
Toluene-d8 (S)	%			94	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 738524 738525

Parameter	Units	70124941006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	50	44.3	46.6	89	93	74-113	5	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	50.1	52.6	100	105	65-118	5	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	49.3	52.3	99	105	74-121	6	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	54.9	56.8	110	114	80-117	3	
1,1-Dichloroethane	ug/L	<1.0	50	50	57.0	59.5	114	119	83-151	4	
1,1-Dichloroethene	ug/L	1.0	50	50	59.7	62.8	117	124	45-146	5	
1,1-Dichloropropene	ug/L	<1.0	50	50	55.4	57.3	111	115	59-127	3	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	49.0	54.1	98	108	67-103	10	M1
1,2,3-Trichloropropane	ug/L	<1.0	50	50	44.4	47.6	89	95	71-123	7	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	48.4	53.1	97	106	66-116	9	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	50.4	52.7	101	105	68-116	5	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	40.7	46.7	81	93	74-119	14	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	46.5	48.9	93	98	83-115	5	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	48.6	51.1	97	102	74-113	5	
1,2-Dichloroethane	ug/L	<1.0	50	50	59.6	60.9	119	122	74-129	2	CH
1,2-Dichloropropane	ug/L	<1.0	50	50	51.4	54.0	103	108	75-117	5	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	50.1	53.7	100	107	67-116	7	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	49.1	51.4	98	103	71-112	5	
1,3-Dichloropropane	ug/L	<1.0	50	50	51.6	53.4	103	107	74-112	3	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	48.1	51.5	96	103	71-113	7	
2,2-Dichloropropane	ug/L	<1.0	50	50	46.6	48.9	93	98	63-133	5	
2-Butanone (MEK)	ug/L	<5.0	50	50	35.7	37.9	71	76	44-162	6	IL
2-Chlorotoluene	ug/L	<1.0	50	50	50.2	53.3	100	107	74-101	6	M0
2-Hexanone	ug/L	<5.0	50	50	48.8	51.9	98	104	32-183	6	
4-Chlorotoluene	ug/L	<1.0	50	50	50.9	53.8	102	108	74-101	6	M0
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	52.1	55.2	104	110	69-132	6	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 738524 738525											
Parameter	Units	70124941006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acetone	ug/L	<5.0	50	50	55.3	61.5	111	123	23-188	11	CH,IC
Benzene	ug/L	<1.0	50	50	52.7	54.6	105	109	73-119	4	
Bromobenzene	ug/L	<1.0	50	50	46.3	48.5	93	97	72-102	5	
Bromochloromethane	ug/L	<1.0	50	50	55.7	58.1	111	116	81-116	4	
Bromodichloromethane	ug/L	<1.0	50	50	50.6	52.4	101	105	78-117	4	
Bromoform	ug/L	<1.0	50	50	37.8	41.7	76	83	65-122	10	
Bromomethane	ug/L	<1.0	50	50	60.8	69.5	122	139	52-147	13	
Carbon disulfide	ug/L	<1.0	50	50	53.4	56.3	107	113	41-144	5	
Carbon tetrachloride	ug/L	<1.0	50	50	55.2	57.0	110	114	59-120	3	
Chlorobenzene	ug/L	<1.0	50	50	49.5	52.7	99	105	75-113	6	
Chloroethane	ug/L	<1.0	50	50	60.2	61.5	120	123	49-151	2	
Chloroform	ug/L	<1.0	50	50	59.4	61.5	119	123	72-122	3	CH,M1
Chloromethane	ug/L	<1.0	50	50	55.1	59.4	110	119	46-144	7	
cis-1,2-Dichloroethene	ug/L	266	50	50	330	325	129	119	72-121	2	E,M1
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	45.2	47.6	90	95	78-116	5	
Dibromochloromethane	ug/L	<1.0	50	50	44.5	47.6	89	95	70-120	7	
Dibromomethane	ug/L	<1.0	50	50	49.2	51.6	98	103	75-125	5	
Dichlorodifluoromethane	ug/L	<1.0	50	50	27.7	28.3	55	57	22-154	2	CL
Ethylbenzene	ug/L	<1.0	50	50	50.1	53.3	100	107	70-113	6	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	47.4	53.1	95	106	59-121	11	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	50.6	54.1	101	108	67-115	7	
m&p-Xylene	ug/L	<2.0	100	100	96.9	103	97	103	72-115	6	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	50.7	52.5	101	105	72-131	4	
Methylene Chloride	ug/L	<1.0	50	50	54.8	56.1	110	112	61-142	2	
n-Butylbenzene	ug/L	<1.0	50	50	55.5	58.8	111	118	73-107	6	M0
n-Propylbenzene	ug/L	<1.0	50	50	52.5	55.7	105	111	68-116	6	
Naphthalene	ug/L	<1.0	50	50	49.2	56.0	98	112	70-118	13	
o-Xylene	ug/L	<1.0	50	50	48.8	51.9	98	104	73-117	6	
p-Isopropyltoluene	ug/L	<1.0	50	50	51.2	54.8	102	110	73-101	7	M0
sec-Butylbenzene	ug/L	<1.0	50	50	52.9	56.1	106	112	72-103	6	M0
Styrene	ug/L	<1.0	50	50	48.1	51.6	96	103	72-118	7	
tert-Butylbenzene	ug/L	<1.0	50	50	50.7	53.7	101	107	68-100	6	M0
Tetrachloroethene	ug/L	135	50	50	184	184	98	98	60-128	0	
Toluene	ug/L	<1.0	50	50	52.4	54.8	105	110	72-119	4	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	56.9	58.9	114	118	56-142	3	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	41.5	44.5	83	89	79-116	7	
Trichloroethene	ug/L	79.3	50	50	129	130	100	100	69-117	0	
Trichlorofluoromethane	ug/L	<1.0	50	50	62.1	63.0	124	126	27-173	1	
Vinyl acetate	ug/L	<1.0	50	50	48.8	51.1	98	102	20-158	5	
Vinyl chloride	ug/L	15.7	50	50	77.9	79.2	125	127	43-143	2	
Xylene (Total)	ug/L	<3.0	150	150	146	155	97	103	71-109	6	
1,2-Dichloroethane-d4 (S)	%						99	98	68-153		
4-Bromofluorobenzene (S)	%						94	95	79-124		
Toluene-d8 (S)	%						96	95	69-124		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

QC Batch:	154225	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
Associated Lab Samples:	70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011		

METHOD BLANK:	742524	Matrix:	Water
Associated Lab Samples:	70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	03/19/20 19:57	
Sulfate	mg/L	<5.0	5.0	03/19/20 19:57	

LABORATORY CONTROL SAMPLE: 742525						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	9.8	98	90-110	
Sulfate	mg/L	10	9.7	97	90-110	

MATRIX SPIKE SAMPLE:		742526					
		70125503005	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloride	mg/L	19.1	10	29.7	106	90-110	
Sulfate	mg/L	25.4	10	35.7	103	90-110	

MATRIX SPIKE SAMPLE:		742528					
		70124941006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Chloride	mg/L	1410	1000	2460	105	90-110	
Sulfate	mg/L	200	200	411	106	90-110	

SAMPLE DUPLICATE: 742527					
Parameter	Units	70125503005 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	19.1	19.6	3	
Sulfate	mg/L	25.4	25.2	1	

SAMPLE DUPLICATE: 742529					
Parameter	Units	70124941006 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1410	1420	1	
Sulfate	mg/L	200	197	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

QC Batch:	153291	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrite, Unpres.
Associated Lab Samples:	70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011		

METHOD BLANK: 737239 Matrix: Water
Associated Lab Samples: 70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	ND	0.050	03/12/20 19:54	

LABORATORY CONTROL SAMPLE: 737240

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.1	108	90-110	

MATRIX SPIKE SAMPLE: 737241

Parameter	Units	70124941006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.53	106	90-110	

MATRIX SPIKE SAMPLE: 737243

Parameter	Units	70125002001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.53	106	90-110	

SAMPLE DUPLICATE: 737242

Parameter	Units	70124941006 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 737244

Parameter	Units	70125002001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

QC Batch:	153299	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate, Unpres.
Associated Lab Samples:	70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011		

METHOD BLANK: 737291 Matrix: Water
Associated Lab Samples: 70124941001, 70124941002, 70124941003, 70124941004, 70124941005, 70124941006, 70124941007, 70124941008, 70124941009, 70124941010, 70124941011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	ND	0.050	03/12/20 22:07	

LABORATORY CONTROL SAMPLE: 737292

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.1	109	90-110	

MATRIX SPIKE SAMPLE: 737293

Parameter	Units	70124941006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.53	100	90-110	

MATRIX SPIKE SAMPLE: 737295

Parameter	Units	70124981001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.2	0.5	1.7	97	90-110	

SAMPLE DUPLICATE: 737294

Parameter	Units	70124941006 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 737296

Parameter	Units	70124981001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.2	1.2	0	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 70124941001

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941002

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941003

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941004

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941005

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941006

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941007

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941008

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941009

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

SAMPLE QUALIFIERS

Sample: 70124941010

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941011

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70124941012

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 738523

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 738524

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 738525

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70124941001	MW-19	EPA 200.7	153692	EPA 200.7	153699
70124941002	MW-46	EPA 200.7	153692	EPA 200.7	153699
70124941003	MW-62	EPA 200.7	153692	EPA 200.7	153699
70124941004	MW-64S	EPA 200.7	153692	EPA 200.7	153699
70124941005	MW-64D	EPA 200.7	153692	EPA 200.7	153699
70124941006	MW-65	EPA 200.7	153692	EPA 200.7	153699
70124941007	MW-67	EPA 200.7	153692	EPA 200.7	153699
70124941008	MW-68	EPA 200.7	153692	EPA 200.7	153699
70124941009	MW-70S	EPA 200.7	153958	EPA 200.7	153975
70124941010	MW-70D	EPA 200.7	153958	EPA 200.7	153975
70124941011	DUP X	EPA 200.7	153958	EPA 200.7	153975
70124941001	MW-19	EPA 8260C/5030C	153541		
70124941002	MW-46	EPA 8260C/5030C	153541		
70124941003	MW-62	EPA 8260C/5030C	153541		
70124941004	MW-64S	EPA 8260C/5030C	153541		
70124941005	MW-64D	EPA 8260C/5030C	153541		
70124941006	MW-65	EPA 8260C/5030C	153541		
70124941007	MW-67	EPA 8260C/5030C	153541		
70124941008	MW-68	EPA 8260C/5030C	153541		
70124941009	MW-70S	EPA 8260C/5030C	153541		
70124941010	MW-70D	EPA 8260C/5030C	153541		
70124941011	DUP X	EPA 8260C/5030C	153541		
70124941012	TRIP BLANK	EPA 8260C/5030C	153541		
70124941001	MW-19	EPA 300.0	154225		
70124941002	MW-46	EPA 300.0	154225		
70124941003	MW-62	EPA 300.0	154225		
70124941004	MW-64S	EPA 300.0	154225		
70124941005	MW-64D	EPA 300.0	154225		
70124941006	MW-65	EPA 300.0	154225		
70124941007	MW-67	EPA 300.0	154225		
70124941008	MW-68	EPA 300.0	154225		
70124941009	MW-70S	EPA 300.0	154225		
70124941010	MW-70D	EPA 300.0	154225		
70124941011	DUP X	EPA 300.0	154225		
70124941001	MW-19	EPA 353.2	153299		
70124941002	MW-46	EPA 353.2	153299		
70124941003	MW-62	EPA 353.2	153299		
70124941004	MW-64S	EPA 353.2	153299		
70124941005	MW-64D	EPA 353.2	153299		
70124941006	MW-65	EPA 353.2	153299		
70124941007	MW-67	EPA 353.2	153299		
70124941008	MW-68	EPA 353.2	153299		
70124941009	MW-70S	EPA 353.2	153299		
70124941010	MW-70D	EPA 353.2	153299		
70124941011	DUP X	EPA 353.2	153299		
70124941001	MW-19	EPA 353.2	153291		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUATERLY GW 3/11

Pace Project No.: 70124941

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70124941002	MW-46	EPA 353.2	153291		
70124941003	MW-62	EPA 353.2	153291		
70124941004	MW-64S	EPA 353.2	153291		
70124941005	MW-64D	EPA 353.2	153291		
70124941006	MW-65	EPA 353.2	153291		
70124941007	MW-67	EPA 353.2	153291		
70124941008	MW-68	EPA 353.2	153291		
70124941009	MW-70S	EPA 353.2	153291		
70124941010	MW-70D	EPA 353.2	153291		
70124941011	DUP X	EPA 353.2	153291		

REPORT OF LABORATORY ANALYSIS

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January 05, 2021

Corinne Steinmuller
Barton and Loguidice
10 Airline Drive Suite 200
Albany,

RE: Project: ALCO QUATERLY GW 7/1
Pace Project No.: 70136698

Dear Corinne Steinmuller:

Enclosed are the analytical results for sample(s) received by the laboratory on July 02, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Jennifer Aracri
jennifer.aracri@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L
Nicholas Despart, Barton and Loguidice-Albany



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

Delaware Certification

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Florida: Cert E871149 SEKS WET

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas/TNI Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012

Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020

Maryland Certification #: 308

Massachusetts Certification #: M-PA1457

Michigan/PADEP Certification #: 9991

Missouri Certification #: 235

Montana Certification #: Cert0082

Nebraska Certification #: NE-OS-29-14

Nevada Certification #: PA014572018-1

New Hampshire/TNI Certification #: 297617

New Jersey/TNI Certification #: PA051

New Mexico Certification #: PA01457

New York/TNI Certification #: 10888

North Carolina Certification #: 42706

North Dakota Certification #: R-190

Ohio EPA Rad Approval: #41249

Oregon/TNI Certification #: PA200002-010

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: 02867

Texas/TNI Certification #: T104704188-17-3

Utah/TNI Certification #: PA014572017-9

USDA Soil Permit #: P330-17-00091

Vermont Dept. of Health: ID# VT-0282

Virgin Island/PADEP Certification

Virginia/VELAP Certification #: 9526

Washington Certification #: C868

West Virginia DEP Certification #: 143

West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad

Wyoming Certification #: 8TMS-L

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70136698001	MW-19	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698002	MW-46	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698003	MW-62	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698004	MW-64S	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698005	MW-64D	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698006	MW-65	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698007	MW-67	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698008	MW-68	EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV

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SAMPLE ANALYTE COUNT

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70136698009	MW-70S	EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
		EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
70136698010	MW-70D	EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
		EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
70136698011	DUP X	EPA 353.2	PGL	1	PACE-MV
		EPA 200.7 Rev. 4.4, 1994	KAS	6	PASI-PA
		EPA 8260C/5030C	GKB	70	PACE-MV
		EPA 300.0	BNK	2	PACE-MV
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70136698012	TRIP BLANK	EPA 8260C/5030C	GKB	70	PACE-MV

PACE-MV = Pace Analytical Services - Melville

PASI-PA = Pace Analytical Services - Greensburg

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-19		Lab ID: 70136698001		Collected: 07/01/20 09:05		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Calcium	108000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:32	7440-70-2		
Magnesium	11500	ug/L	200	1	07/22/20 14:01	07/22/20 21:32	7439-95-4		
Manganese	29.7	ug/L	5.0	1	07/22/20 14:01	07/22/20 21:32	7439-96-5		
Potassium	8460	ug/L	500	1	07/22/20 14:01	07/22/20 21:32	7440-09-7		
Sodium	547000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:32	7440-23-5		
Total Hardness by SM2340B-2011	316000	ug/L	3300	1	07/22/20 14:01	07/22/20 21:32			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 21:58	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:58	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 21:58	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:58	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:58	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 21:58	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 21:58	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:58	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/08/20 21:58	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 21:58	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:58	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:58	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:58	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:58	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 21:58	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 21:58	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 21:58	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 21:58	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 21:58	108-10-1		
Acetone	<5.0	ug/L	5.0	1		07/08/20 21:58	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		07/08/20 21:58	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 21:58	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 21:58	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/08/20 21:58	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 21:58	74-83-9	L1	
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 21:58	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 21:58	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 21:58	75-00-3		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-19		Lab ID: 70136698001		Collected: 07/01/20 09:05		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/08/20 21:58	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 21:58	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 21:58	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 21:58	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 21:58	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 21:58	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 21:58	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/08/20 21:58	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 21:58	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/08/20 21:58	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/08/20 21:58	100-42-5		
Tetrachloroethene	714	ug/L	5.0	5		07/09/20 18:42	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/08/20 21:58	108-88-3		
Trichloroethene	77.8	ug/L	1.0	1		07/08/20 21:58	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/08/20 21:58	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/08/20 21:58	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		07/08/20 21:58	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 21:58	1330-20-7		
cis-1,2-Dichloroethene	80.9	ug/L	1.0	1		07/08/20 21:58	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 21:58	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/08/20 21:58	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/08/20 21:58	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 21:58	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:58	98-06-6		
trans-1,2-Dichloroethene	1.2	ug/L	1.0	1		07/08/20 21:58	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 21:58	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		07/08/20 21:58	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		07/08/20 21:58	460-00-4		
Toluene-d8 (S)	100	%	69-124	1		07/08/20 21:58	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	893	mg/L	200	100		07/21/20 22:20	16887-00-6		
Sulfate	65.0	mg/L	25.0	5		07/21/20 22:03	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.18	mg/L	0.050	1		07/02/20 23:02	14797-55-8		
Nitrate-Nitrite (as N)	0.18	mg/L	0.050	1		07/02/20 23:02	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-19		Lab ID: 70136698001	Collected: 07/01/20 09:05	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:03	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-46		Lab ID: 70136698002	Collected: 07/01/20 09:15	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Calcium	151000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:36	7440-70-2	
Magnesium	60800	ug/L	200	1	07/22/20 14:01	07/22/20 21:36	7439-95-4	
Manganese	795	ug/L	5.0	1	07/22/20 14:01	07/22/20 21:36	7439-96-5	
Potassium	7540	ug/L	500	1	07/22/20 14:01	07/22/20 21:36	7440-09-7	
Sodium	40300	ug/L	1000	1	07/22/20 14:01	07/22/20 21:36	7440-23-5	
Total Hardness by SM2340B-2011	627000	ug/L	3300	1	07/22/20 14:01	07/22/20 21:36		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 22:21	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:21	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 22:21	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:21	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:21	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 22:21	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 22:21	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:21	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/08/20 22:21	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 22:21	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:21	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:21	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:21	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:21	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 22:21	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 22:21	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 22:21	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 22:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 22:21	108-10-1	
Acetone	<5.0	ug/L	5.0	1		07/08/20 22:21	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		07/08/20 22:21	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 22:21	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 22:21	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		07/08/20 22:21	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 22:21	74-83-9	L1
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 22:21	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 22:21	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 22:21	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-46		Lab ID: 70136698002		Collected: 07/01/20 09:15		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
	Chloroform	<1.0	ug/L	1.0	1		07/08/20 22:21	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 22:21	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 22:21	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 22:21	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 22:21	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 22:21	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 22:21	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/08/20 22:21	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 22:21	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/08/20 22:21	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/08/20 22:21	100-42-5		
Tetrachloroethene	77.1	ug/L	1.0	1		07/08/20 22:21	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/08/20 22:21	108-88-3		
Trichloroethene	15.7	ug/L	1.0	1		07/08/20 22:21	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/08/20 22:21	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/08/20 22:21	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		07/08/20 22:21	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 22:21	1330-20-7		
cis-1,2-Dichloroethene	8.0	ug/L	1.0	1		07/08/20 22:21	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 22:21	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/08/20 22:21	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/08/20 22:21	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 22:21	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:21	98-06-6		
trans-1,2-Dichloroethene	2.0	ug/L	1.0	1		07/08/20 22:21	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 22:21	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		07/08/20 22:21	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		07/08/20 22:21	460-00-4		
Toluene-d8 (S)	99	%	69-124	1		07/08/20 22:21	2037-26-5		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
	Pace Analytical Services - Melville								
	Chloride	58.2	mg/L	10.0	5		07/21/20 22:37	16887-00-6	
Sulfate	<5.0	mg/L	5.0	1		07/18/20 00:00	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
	Pace Analytical Services - Melville								
	Nitrate as N	0.24	mg/L	0.050	1		07/02/20 23:03	14797-55-8	
Nitrate-Nitrite (as N)	0.24	mg/L	0.050	1		07/02/20 23:03	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-46		Lab ID: 70136698002	Collected: 07/01/20 09:15	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:06	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-62		Lab ID: 70136698003	Collected: 07/01/20 08:05	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Calcium	84700	ug/L	1000	1	07/22/20 14:01	07/22/20 21:39	7440-70-2	
Magnesium	10900	ug/L	200	1	07/22/20 14:01	07/22/20 21:39	7439-95-4	
Manganese	1560	ug/L	5.0	1	07/22/20 14:01	07/22/20 21:39	7439-96-5	
Potassium	1810	ug/L	500	1	07/22/20 14:01	07/22/20 21:39	7440-09-7	
Sodium	78000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:39	7440-23-5	
Total Hardness by SM2340B-2011	256000	ug/L	3300	1	07/22/20 14:01	07/22/20 21:39		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 22:44	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:44	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 22:44	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:44	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:44	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 22:44	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 22:44	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:44	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/08/20 22:44	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 22:44	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 22:44	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:44	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:44	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 22:44	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 22:44	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 22:44	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 22:44	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 22:44	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 22:44	108-10-1	
Acetone	<5.0	ug/L	5.0	1		07/08/20 22:44	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		07/08/20 22:44	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 22:44	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 22:44	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		07/08/20 22:44	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 22:44	74-83-9	L1
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 22:44	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 22:44	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 22:44	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-62		Lab ID: 70136698003		Collected: 07/01/20 08:05		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/08/20 22:44	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 22:44	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 22:44	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 22:44	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 22:44	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 22:44	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 22:44	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/08/20 22:44	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 22:44	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/08/20 22:44	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/08/20 22:44	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		07/08/20 22:44	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/08/20 22:44	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		07/08/20 22:44	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/08/20 22:44	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/08/20 22:44	108-05-4		
Vinyl chloride	2.4	ug/L	1.0	1		07/08/20 22:44	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 22:44	1330-20-7		
cis-1,2-Dichloroethene	10.6	ug/L	1.0	1		07/08/20 22:44	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 22:44	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/08/20 22:44	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/08/20 22:44	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 22:44	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 22:44	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 22:44	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 22:44	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		07/08/20 22:44	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		07/08/20 22:44	460-00-4		
Toluene-d8 (S)	100	%	69-124	1		07/08/20 22:44	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	102	mg/L	10.0	5		07/21/20 22:53	16887-00-6		
Sulfate	9.6	mg/L	5.0	1		07/18/20 00:17	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.074	mg/L	0.050	1		07/02/20 23:06	14797-55-8		
Nitrate-Nitrite (as N)	0.078	mg/L	0.050	1		07/02/20 23:06	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-62		Lab ID: 70136698003	Collected: 07/01/20 08:05	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:09	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-64S		Lab ID: 70136698004		Collected: 07/01/20 07:30		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Calcium	287000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:43	7440-70-2		
Magnesium	61700	ug/L	200	1	07/22/20 14:01	07/22/20 21:43	7439-95-4		
Manganese	1430	ug/L	5.0	1	07/22/20 14:01	07/22/20 21:43	7439-96-5		
Potassium	8050	ug/L	500	1	07/22/20 14:01	07/22/20 21:43	7440-09-7		
Sodium	644000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:43	7440-23-5		
Total Hardness by SM2340B-2011	971000	ug/L	3300	1	07/22/20 14:01	07/22/20 21:43			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 23:07	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:07	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 23:07	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:07	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:07	75-34-3		
1,1-Dichloroethene	1.3	ug/L	1.0	1		07/08/20 23:07	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:07	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:07	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/08/20 23:07	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 23:07	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:07	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:07	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:07	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:07	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 23:07	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 23:07	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 23:07	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 23:07	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 23:07	108-10-1		
Acetone	<5.0	ug/L	5.0	1		07/08/20 23:07	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		07/08/20 23:07	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 23:07	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 23:07	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/08/20 23:07	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 23:07	74-83-9	L1	
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 23:07	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 23:07	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 23:07	75-00-3		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-64S		Lab ID: 70136698004		Collected: 07/01/20 07:30		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/08/20 23:07	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 23:07	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 23:07	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 23:07	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 23:07	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 23:07	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 23:07	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/08/20 23:07	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 23:07	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/08/20 23:07	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/08/20 23:07	100-42-5		
Tetrachloroethene	146	ug/L	1.0	1		07/08/20 23:07	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/08/20 23:07	108-88-3		
Trichloroethene	92.2	ug/L	1.0	1		07/08/20 23:07	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/08/20 23:07	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/08/20 23:07	108-05-4		
Vinyl chloride	15.7	ug/L	1.0	1		07/08/20 23:07	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 23:07	1330-20-7		
cis-1,2-Dichloroethene	265	ug/L	5.0	5		07/10/20 01:36	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:07	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/08/20 23:07	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/08/20 23:07	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 23:07	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:07	98-06-6		
trans-1,2-Dichloroethene	1.1	ug/L	1.0	1		07/08/20 23:07	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:07	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		07/08/20 23:07	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		07/08/20 23:07	460-00-4		
Toluene-d8 (S)	99	%	69-124	1		07/08/20 23:07	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	922	mg/L	200	100		07/21/20 23:27	16887-00-6		
Sulfate	114	mg/L	25.0	5		07/21/20 23:10	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		07/02/20 23:08	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		07/02/20 23:08	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-64S		Lab ID: 70136698004	Collected: 07/01/20 07:30	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:10	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-64D		Lab ID: 70136698005		Collected: 07/01/20 07:45		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Calcium	44800	ug/L	1000	1	07/22/20 14:01	07/22/20 22:00	7440-70-2		
Magnesium	8170	ug/L	200	1	07/22/20 14:01	07/22/20 22:00	7439-95-4		
Manganese	639	ug/L	5.0	1	07/22/20 14:01	07/22/20 22:00	7439-96-5		
Potassium	8340	ug/L	500	1	07/22/20 14:01	07/22/20 22:00	7440-09-7		
Sodium	51800	ug/L	1000	1	07/22/20 14:01	07/22/20 22:00	7440-23-5		
Total Hardness by SM2340B-2011	145000	ug/L	3300	1	07/22/20 14:01	07/22/20 22:00			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 23:30	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:30	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 23:30	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:30	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:30	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 23:30	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:30	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:30	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/08/20 23:30	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 23:30	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:30	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:30	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:30	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:30	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 23:30	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 23:30	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 23:30	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 23:30	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 23:30	108-10-1		
Acetone	5.9	ug/L	5.0	1		07/08/20 23:30	67-64-1	CH,IC	
Benzene	<1.0	ug/L	1.0	1		07/08/20 23:30	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 23:30	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 23:30	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/08/20 23:30	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 23:30	74-83-9	L1	
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 23:30	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 23:30	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 23:30	75-00-3		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-64D		Lab ID: 70136698005		Collected: 07/01/20 07:45		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/08/20 23:30	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 23:30	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 23:30	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 23:30	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 23:30	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 23:30	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 23:30	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/08/20 23:30	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 23:30	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/08/20 23:30	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/08/20 23:30	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		07/08/20 23:30	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/08/20 23:30	108-88-3		
Trichloroethene	26.9	ug/L	1.0	1		07/08/20 23:30	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/08/20 23:30	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/08/20 23:30	108-05-4		
Vinyl chloride	2.7	ug/L	1.0	1		07/08/20 23:30	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 23:30	1330-20-7		
cis-1,2-Dichloroethene	86.6	ug/L	1.0	1		07/08/20 23:30	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:30	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/08/20 23:30	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/08/20 23:30	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 23:30	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:30	98-06-6		
trans-1,2-Dichloroethene	1.4	ug/L	1.0	1		07/08/20 23:30	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:30	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		07/08/20 23:30	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		07/08/20 23:30	460-00-4		
Toluene-d8 (S)	100	%	69-124	1		07/08/20 23:30	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	83.6	mg/L	10.0	5		07/21/20 23:43	16887-00-6		
Sulfate	46.6	mg/L	5.0	1		07/18/20 01:24	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	1.3	mg/L	0.050	1		07/02/20 23:09	14797-55-8		
Nitrate-Nitrite (as N)	1.4	mg/L	0.050	1		07/02/20 23:09	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-64D		Lab ID: 70136698005	Collected: 07/01/20 07:45	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:11	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-65		Lab ID: 70136698006		Collected: 07/01/20 07:00		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Calcium	268000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:18	7440-70-2	ML	
Magnesium	57400	ug/L	200	1	07/22/20 14:01	07/22/20 21:18	7439-95-4	ML	
Manganese	1320	ug/L	5.0	1	07/22/20 14:01	07/22/20 21:18	7439-96-5		
Potassium	7410	ug/L	500	1	07/22/20 14:01	07/22/20 21:18	7440-09-7		
Sodium	590000	ug/L	1000	1	07/22/20 14:01	07/22/20 21:18	7440-23-5	ML	
Total Hardness by SM2340B-2011	907000	ug/L	3300	1	07/22/20 14:01	07/22/20 21:18			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 23:53	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:53	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 23:53	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:53	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:53	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 23:53	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:53	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	87-61-6	M1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:53	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/08/20 23:53	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 23:53	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 23:53	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:53	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:53	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 23:53	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 23:53	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 23:53	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 23:53	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 23:53	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 23:53	108-10-1		
Acetone	<5.0	ug/L	5.0	1		07/08/20 23:53	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		07/08/20 23:53	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	108-86-1	M1	
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 23:53	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 23:53	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/08/20 23:53	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 23:53	74-83-9	L1	
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 23:53	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 23:53	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 23:53	75-00-3		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-65		Lab ID: 70136698006		Collected: 07/01/20 07:00		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/08/20 23:53	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 23:53	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 23:53	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 23:53	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 23:53	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 23:53	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 23:53	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/08/20 23:53	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 23:53	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/08/20 23:53	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/08/20 23:53	100-42-5		
Tetrachloroethene	104	ug/L	1.0	1		07/08/20 23:53	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/08/20 23:53	108-88-3		
Trichloroethene	65.9	ug/L	1.0	1		07/08/20 23:53	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/08/20 23:53	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/08/20 23:53	108-05-4		
Vinyl chloride	11.0	ug/L	1.0	1		07/08/20 23:53	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 23:53	1330-20-7		
cis-1,2-Dichloroethene	126	ug/L	5.0	5		07/10/20 01:59	156-59-2	M1	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:53	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/08/20 23:53	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/08/20 23:53	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 23:53	99-87-6	M1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	135-98-8	M1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 23:53	98-06-6	M1	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 23:53	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 23:53	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		07/08/20 23:53	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		07/08/20 23:53	460-00-4		
Toluene-d8 (S)	101	%	69-124	1		07/08/20 23:53	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	1670	mg/L	200	100		07/22/20 01:24	16887-00-6		
Sulfate	194	mg/L	50.0	10		07/22/20 00:00	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		07/02/20 23:10	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		07/02/20 23:10	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-65		Lab ID: 70136698006	Collected: 07/01/20 07:00	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:13	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-67		Lab ID: 70136698007		Collected: 07/01/20 08:40		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Calcium	204000	ug/L	1000	1	07/22/20 14:01	07/22/20 22:04	7440-70-2		
Magnesium	36000	ug/L	200	1	07/22/20 14:01	07/22/20 22:04	7439-95-4		
Manganese	5110	ug/L	5.0	1	07/22/20 14:01	07/22/20 22:04	7439-96-5		
Potassium	7910	ug/L	500	1	07/22/20 14:01	07/22/20 22:04	7440-09-7		
Sodium	619000	ug/L	1000	1	07/22/20 14:01	07/22/20 22:04	7440-23-5		
Total Hardness by SM2340B-2011	657000	ug/L	3300	1	07/22/20 14:01	07/22/20 22:04			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 00:16	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:16	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 00:16	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:16	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:16	75-34-3		
1,1-Dichloroethene	1.4	ug/L	1.0	1		07/09/20 00:16	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 00:16	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:16	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/09/20 00:16	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/09/20 00:16	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:16	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:16	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:16	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:16	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/09/20 00:16	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 00:16	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		07/09/20 00:16	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 00:16	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/09/20 00:16	108-10-1		
Acetone	<5.0	ug/L	5.0	1		07/09/20 00:16	67-64-1	IC	
Benzene	<1.0	ug/L	1.0	1		07/09/20 00:16	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/09/20 00:16	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/09/20 00:16	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/09/20 00:16	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/09/20 00:16	74-83-9	L1	
Carbon disulfide	<1.0	ug/L	1.0	1		07/09/20 00:16	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/09/20 00:16	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		07/09/20 00:16	75-00-3		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-67		Lab ID: 70136698007		Collected: 07/01/20 08:40		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/09/20 00:16	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/09/20 00:16	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/09/20 00:16	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/09/20 00:16	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/09/20 00:16	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/09/20 00:16	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/09/20 00:16	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/09/20 00:16	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/09/20 00:16	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/09/20 00:16	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/09/20 00:16	100-42-5		
Tetrachloroethene	38.8	ug/L	1.0	1		07/09/20 00:16	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/09/20 00:16	108-88-3		
Trichloroethene	65.2	ug/L	1.0	1		07/09/20 00:16	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/09/20 00:16	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/09/20 00:16	108-05-4		
Vinyl chloride	187	ug/L	1.0	1		07/09/20 00:16	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		07/09/20 00:16	1330-20-7		
cis-1,2-Dichloroethene	1330	ug/L	20.0	20		07/09/20 19:05	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 00:16	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/09/20 00:16	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/09/20 00:16	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/09/20 00:16	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:16	98-06-6		
trans-1,2-Dichloroethene	10.7	ug/L	1.0	1		07/09/20 00:16	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 00:16	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		07/09/20 00:16	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		07/09/20 00:16	460-00-4		
Toluene-d8 (S)	101	%	69-124	1		07/09/20 00:16	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	1530	mg/L	200	100		07/22/20 02:31	16887-00-6		
Sulfate	88.7	mg/L	25.0	5		07/22/20 02:14	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		07/02/20 23:13	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		07/02/20 23:13	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-67		Lab ID: 70136698007	Collected: 07/01/20 08:40	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:16	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-68		Lab ID: 70136698008		Collected: 07/01/20 08:55		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Calcium	147000	ug/L	1000	1	07/22/20 14:01	07/22/20 22:07	7440-70-2		
Magnesium	25100	ug/L	200	1	07/22/20 14:01	07/22/20 22:07	7439-95-4		
Manganese	1240	ug/L	5.0	1	07/22/20 14:01	07/22/20 22:07	7439-96-5		
Potassium	3370	ug/L	500	1	07/22/20 14:01	07/22/20 22:07	7440-09-7		
Sodium	127000	ug/L	1000	1	07/22/20 14:01	07/22/20 22:07	7440-23-5		
Total Hardness by SM2340B-2011	471000	ug/L	3300	1	07/22/20 14:01	07/22/20 22:07			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 00:39	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:39	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 00:39	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:39	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:39	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 00:39	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 00:39	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:39	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/09/20 00:39	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/09/20 00:39	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 00:39	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:39	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:39	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 00:39	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/09/20 00:39	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 00:39	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		07/09/20 00:39	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 00:39	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/09/20 00:39	108-10-1		
Acetone	<5.0	ug/L	5.0	1		07/09/20 00:39	67-64-1	CH,IC	
Benzene	<1.0	ug/L	1.0	1		07/09/20 00:39	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		07/09/20 00:39	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		07/09/20 00:39	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		07/09/20 00:39	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		07/09/20 00:39	74-83-9	L1	
Carbon disulfide	<1.0	ug/L	1.0	1		07/09/20 00:39	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/09/20 00:39	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		07/09/20 00:39	75-00-3		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-68		Lab ID: 70136698008		Collected: 07/01/20 08:55		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/09/20 00:39	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/09/20 00:39	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/09/20 00:39	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/09/20 00:39	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/09/20 00:39	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/09/20 00:39	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/09/20 00:39	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/09/20 00:39	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/09/20 00:39	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/09/20 00:39	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/09/20 00:39	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		07/09/20 00:39	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/09/20 00:39	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		07/09/20 00:39	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/09/20 00:39	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/09/20 00:39	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		07/09/20 00:39	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		07/09/20 00:39	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 00:39	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 00:39	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/09/20 00:39	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/09/20 00:39	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/09/20 00:39	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 00:39	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 00:39	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 00:39	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		07/09/20 00:39	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		07/09/20 00:39	460-00-4		
Toluene-d8 (S)	100	%	69-124	1		07/09/20 00:39	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	267	mg/L	100	50		07/22/20 02:47	16887-00-6		
Sulfate	<5.0	mg/L	5.0	1		07/18/20 02:48	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		07/02/20 23:15	14797-55-8		
Nitrate-Nitrite (as N)	0.052	mg/L	0.050	1		07/02/20 23:15	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-68		Lab ID: 70136698008		Collected: 07/01/20 08:55		Received: 07/02/20 10:00		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:17	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-70S		Lab ID: 70136698009	Collected: 07/01/20 09:20	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Calcium	28200	ug/L	1000	1	07/22/20 14:01	07/22/20 22:11	7440-70-2	
Magnesium	11800	ug/L	200	1	07/22/20 14:01	07/22/20 22:11	7439-95-4	
Manganese	112	ug/L	5.0	1	07/22/20 14:01	07/22/20 22:11	7439-96-5	
Potassium	1800	ug/L	500	1	07/22/20 14:01	07/22/20 22:11	7440-09-7	
Sodium	1520	ug/L	1000	1	07/22/20 14:01	07/22/20 22:11	7440-23-5	
Total Hardness by SM2340B-2011	119000	ug/L	3300	1	07/22/20 14:01	07/22/20 22:11		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 01:02	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:02	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 01:02	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:02	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:02	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:02	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:02	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:02	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/09/20 01:02	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/09/20 01:02	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:02	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:02	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:02	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:02	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/09/20 01:02	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 01:02	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		07/09/20 01:02	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 01:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/09/20 01:02	108-10-1	
Acetone	<5.0	ug/L	5.0	1		07/09/20 01:02	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		07/09/20 01:02	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		07/09/20 01:02	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		07/09/20 01:02	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		07/09/20 01:02	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		07/09/20 01:02	74-83-9	L1
Carbon disulfide	<1.0	ug/L	1.0	1		07/09/20 01:02	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/09/20 01:02	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		07/09/20 01:02	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-70S		Lab ID: 70136698009	Collected: 07/01/20 09:20	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Chloroform	<1.0	ug/L	1.0	1		07/09/20 01:02	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		07/09/20 01:02	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		07/09/20 01:02	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		07/09/20 01:02	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/09/20 01:02	75-71-8	
Ethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/09/20 01:02	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/09/20 01:02	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/09/20 01:02	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		07/09/20 01:02	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		07/09/20 01:02	91-20-3	
Styrene	<1.0	ug/L	1.0	1		07/09/20 01:02	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		07/09/20 01:02	127-18-4	
Toluene	<1.0	ug/L	1.0	1		07/09/20 01:02	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:02	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/09/20 01:02	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		07/09/20 01:02	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		07/09/20 01:02	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		07/09/20 01:02	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:02	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:02	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		07/09/20 01:02	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	104-51-8	
n-Propylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		07/09/20 01:02	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/09/20 01:02	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:02	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:02	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:02	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		07/09/20 01:02	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		07/09/20 01:02	460-00-4	
Toluene-d8 (S)	100	%	69-124	1		07/09/20 01:02	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville						
Chloride	<2.0	mg/L	2.0	1		07/22/20 03:04	16887-00-6	
Sulfate	<5.0	mg/L	5.0	1		07/22/20 03:04	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.057	mg/L	0.050	1		07/02/20 23:16	14797-55-8	
Nitrate-Nitrite (as N)	0.063	mg/L	0.050	1		07/02/20 23:16	7727-37-9	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-70S		Lab ID: 70136698009	Collected: 07/01/20 09:20	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:19	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-70D		Lab ID: 70136698010	Collected: 07/01/20 09:22	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Calcium	112000	ug/L	1000	1	07/22/20 14:01	07/22/20 22:15	7440-70-2	
Magnesium	44300	ug/L	200	1	07/22/20 14:01	07/22/20 22:15	7439-95-4	
Manganese	445	ug/L	5.0	1	07/22/20 14:01	07/22/20 22:15	7439-96-5	
Potassium	7030	ug/L	500	1	07/22/20 14:01	07/22/20 22:15	7440-09-7	
Sodium	21100	ug/L	1000	1	07/22/20 14:01	07/22/20 22:15	7440-23-5	
Total Hardness by SM2340B-2011	461000	ug/L	3300	1	07/22/20 14:01	07/22/20 22:15		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 01:24	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:24	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 01:24	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:24	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:24	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:24	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:24	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:24	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	120-82-1	
1,2,4-Trimethylbenzene	3.4	ug/L	1.0	1		07/09/20 01:24	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/09/20 01:24	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/09/20 01:24	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:24	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:24	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:24	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:24	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/09/20 01:24	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 01:24	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		07/09/20 01:24	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 01:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/09/20 01:24	108-10-1	
Acetone	6.8	ug/L	5.0	1		07/09/20 01:24	67-64-1	CH,IC
Benzene	2.8	ug/L	1.0	1		07/09/20 01:24	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		07/09/20 01:24	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		07/09/20 01:24	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		07/09/20 01:24	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		07/09/20 01:24	74-83-9	L1
Carbon disulfide	<1.0	ug/L	1.0	1		07/09/20 01:24	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/09/20 01:24	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		07/09/20 01:24	75-00-3	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-70D		Lab ID: 70136698010		Collected: 07/01/20 09:22		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/09/20 01:24	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/09/20 01:24	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/09/20 01:24	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/09/20 01:24	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/09/20 01:24	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/09/20 01:24	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/09/20 01:24	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/09/20 01:24	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/09/20 01:24	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/09/20 01:24	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/09/20 01:24	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		07/09/20 01:24	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/09/20 01:24	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:24	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/09/20 01:24	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/09/20 01:24	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		07/09/20 01:24	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		07/09/20 01:24	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:24	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:24	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/09/20 01:24	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/09/20 01:24	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/09/20 01:24	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:24	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:24	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:24	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		07/09/20 01:24	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		07/09/20 01:24	460-00-4		
Toluene-d8 (S)	101	%	69-124	1		07/09/20 01:24	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	66.4	mg/L	10.0	5		07/22/20 03:21	16887-00-6		
Sulfate	<5.0	mg/L	5.0	1		07/18/20 03:21	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		07/02/20 23:17	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		07/02/20 23:17	7727-37-9		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: MW-70D		Lab ID: 70136698010	Collected: 07/01/20 09:22	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:20	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: DUP X		Lab ID: 70136698011	Collected: 07/01/20 00:00	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Calcium	68500	ug/L	1000	1	07/22/20 14:01	07/22/20 22:18	7440-70-2	
Magnesium	11700	ug/L	200	1	07/22/20 14:01	07/22/20 22:18	7439-95-4	
Manganese	1190	ug/L	5.0	1	07/22/20 14:01	07/22/20 22:18	7439-96-5	
Potassium	8020	ug/L	500	1	07/22/20 14:01	07/22/20 22:18	7440-09-7	
Sodium	86500	ug/L	1000	1	07/22/20 14:01	07/22/20 22:18	7440-23-5	
Total Hardness by SM2340B-2011	219000	ug/L	3300	1	07/22/20 14:01	07/22/20 22:18		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 01:47	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:47	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/09/20 01:47	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:47	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:47	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/09/20 01:47	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:47	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:47	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/09/20 01:47	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/09/20 01:47	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/09/20 01:47	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:47	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:47	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/09/20 01:47	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/09/20 01:47	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 01:47	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		07/09/20 01:47	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/09/20 01:47	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/09/20 01:47	108-10-1	
Acetone	24.6	ug/L	5.0	1		07/09/20 01:47	67-64-1	CH,IC
Benzene	<1.0	ug/L	1.0	1		07/09/20 01:47	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		07/09/20 01:47	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		07/09/20 01:47	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		07/09/20 01:47	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		07/09/20 01:47	74-83-9	L1
Carbon disulfide	<1.0	ug/L	1.0	1		07/09/20 01:47	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/09/20 01:47	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		07/09/20 01:47	75-00-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: DUP X		Lab ID: 70136698011		Collected: 07/01/20 00:00		Received: 07/02/20 10:00		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chloroform	<1.0	ug/L	1.0	1		07/09/20 01:47	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		07/09/20 01:47	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		07/09/20 01:47	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		07/09/20 01:47	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/09/20 01:47	75-71-8		
Ethylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/09/20 01:47	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/09/20 01:47	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/09/20 01:47	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		07/09/20 01:47	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		07/09/20 01:47	91-20-3		
Styrene	<1.0	ug/L	1.0	1		07/09/20 01:47	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		07/09/20 01:47	127-18-4		
Toluene	<1.0	ug/L	1.0	1		07/09/20 01:47	108-88-3		
Trichloroethene	28.2	ug/L	1.0	1		07/09/20 01:47	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/09/20 01:47	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		07/09/20 01:47	108-05-4		
Vinyl chloride	3.0	ug/L	1.0	1		07/09/20 01:47	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		07/09/20 01:47	1330-20-7		
cis-1,2-Dichloroethene	91.1	ug/L	1.0	1		07/09/20 01:47	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:47	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		07/09/20 01:47	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		07/09/20 01:47	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/09/20 01:47	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/09/20 01:47	98-06-6		
trans-1,2-Dichloroethene	1.5	ug/L	1.0	1		07/09/20 01:47	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/09/20 01:47	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		07/09/20 01:47	17060-07-0		
4-Bromofluorobenzene (S)	100	%	79-124	1		07/09/20 01:47	460-00-4		
Toluene-d8 (S)	101	%	69-124	1		07/09/20 01:47	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	169	mg/L	20.0	10		07/22/20 04:11	16887-00-6		
Sulfate	46.6	mg/L	5.0	1		07/18/20 03:38	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	1.2	mg/L	0.050	1		07/02/20 23:21	14797-55-8		
Nitrate-Nitrite (as N)	1.2	mg/L	0.050	1		07/02/20 23:21	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: DUP X		Lab ID: 70136698011	Collected: 07/01/20 00:00	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		07/02/20 20:23	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: TRIP BLANK		Lab ID: 70136698012	Collected: 07/01/20 00:00	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 21:35	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:35	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		07/08/20 21:35	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:35	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:35	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 21:35	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 21:35	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:35	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		07/08/20 21:35	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		07/08/20 21:35	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		07/08/20 21:35	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:35	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:35	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		07/08/20 21:35	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		07/08/20 21:35	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 21:35	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		07/08/20 21:35	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		07/08/20 21:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		07/08/20 21:35	108-10-1	
Acetone	<5.0	ug/L	5.0	1		07/08/20 21:35	67-64-1	IC
Benzene	<1.0	ug/L	1.0	1		07/08/20 21:35	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		07/08/20 21:35	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		07/08/20 21:35	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		07/08/20 21:35	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		07/08/20 21:35	74-83-9	L1
Carbon disulfide	<1.0	ug/L	1.0	1		07/08/20 21:35	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		07/08/20 21:35	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		07/08/20 21:35	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		07/08/20 21:35	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		07/08/20 21:35	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		07/08/20 21:35	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		07/08/20 21:35	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		07/08/20 21:35	75-71-8	
Ethylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		07/08/20 21:35	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		07/08/20 21:35	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		07/08/20 21:35	1634-04-4	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Sample: TRIP BLANK		Lab ID: 70136698012	Collected: 07/01/20 00:00	Received: 07/02/20 10:00	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Methylene Chloride	<1.0	ug/L	1.0	1		07/08/20 21:35	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		07/08/20 21:35	91-20-3	
Styrene	<1.0	ug/L	1.0	1		07/08/20 21:35	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		07/08/20 21:35	127-18-4	
Toluene	<1.0	ug/L	1.0	1		07/08/20 21:35	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		07/08/20 21:35	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		07/08/20 21:35	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		07/08/20 21:35	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		07/08/20 21:35	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		07/08/20 21:35	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 21:35	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 21:35	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		07/08/20 21:35	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	104-51-8	
n-Propylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		07/08/20 21:35	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		07/08/20 21:35	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		07/08/20 21:35	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		07/08/20 21:35	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		07/08/20 21:35	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		07/08/20 21:35	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		07/08/20 21:35	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		07/08/20 21:35	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

QC Batch:	406218	Analysis Method:	EPA 200.7 Rev. 4.4, 1994
QC Batch Method:	EPA 200.7 Rev. 4.4, 1994	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011		

METHOD BLANK: 1965675

Matrix: Water

Associated Lab Samples: 70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Calcium	ug/L	<1000	1000	07/22/20 21:11	
Magnesium	ug/L	<200	200	07/22/20 21:11	
Manganese	ug/L	<5.0	5.0	07/22/20 21:11	
Potassium	ug/L	<500	500	07/22/20 21:11	
Sodium	ug/L	<1000	1000	07/22/20 21:11	
Total Hardness by SM2340B-2011	ug/L	<3300	3300	07/22/20 21:11	

LABORATORY CONTROL SAMPLE: 1965676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	5000	4640	93	85-115	
Magnesium	ug/L	5000	4610	92	85-115	
Manganese	ug/L	500	469	94	85-115	
Potassium	ug/L	5000	4560	91	85-115	
Sodium	ug/L	5000	5000	100	85-115	
Total Hardness by SM2340B-2011	ug/L		30600			

MATRIX SPIKE SAMPLE: 1965678

Parameter	Units	70136698011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	68500	5000	72400	79	70-130	
Magnesium	ug/L	11700	5000	15900	85	70-130	
Manganese	ug/L	1190	500	1600	81	70-130	
Potassium	ug/L	8020	5000	12800	95	70-130	
Sodium	ug/L	86500	5000	91000	90	70-130	
Total Hardness by SM2340B-2011	ug/L	219000		246000			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1965680 1965681

Parameter	Units	70136698006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Calcium	ug/L	268000	5000	5000	271000	264000	50	-86	70-130	3	ML
Magnesium	ug/L	57400	5000	5000	61700	60400	86	60	70-130	2	ML
Manganese	ug/L	1320	500	500	1750	1710	86	79	70-130	2	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1965680 1965681											
Parameter	Units	70136698006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Potassium	ug/L	7410	5000	5000	12600	12200	103	96	70-130	3	
Sodium	ug/L	590000	5000	5000	591000	580000	12	-206	70-130	2	ML
Total Hardness by SM2340B-2011	ug/L	907000			931000	908000				2	

SAMPLE DUPLICATE: 1965677

Parameter	Units	70136698011 Result	Dup Result	RPD	Qualifiers
Calcium	ug/L	68500	68300	0	
Magnesium	ug/L	11700	11700	0	
Manganese	ug/L	1190	1190	0	
Potassium	ug/L	8020	7770	3	
Sodium	ug/L	86500	87100	1	
Total Hardness by SM2340B-2011	ug/L	219000	219000	0	

SAMPLE DUPLICATE: 1965679

Parameter	Units	70136698006 Result	Dup Result	RPD	Qualifiers
Calcium	ug/L	268000	259000	4	
Magnesium	ug/L	57400	55700	3	
Manganese	ug/L	1320	1280	3	
Potassium	ug/L	7410	7220	3	
Sodium	ug/L	590000	574000	3	
Total Hardness by SM2340B-2011	ug/L	907000	876000	3	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

QC Batch:	168025	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011, 70136698012		

METHOD BLANK: 812108

Matrix: Water

Associated Lab Samples: 70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011, 70136698012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1-Dichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,1-Dichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
1,1-Dichloropropene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dichloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
1,2-Dichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
1,3-Dichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
2,2-Dichloropropane	ug/L	<1.0	1.0	07/08/20 18:28	
2-Butanone (MEK)	ug/L	<5.0	5.0	07/08/20 18:28	IL
2-Chlorotoluene	ug/L	<1.0	1.0	07/08/20 18:28	
2-Hexanone	ug/L	<5.0	5.0	07/08/20 18:28	
4-Chlorotoluene	ug/L	<1.0	1.0	07/08/20 18:28	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	07/08/20 18:28	
Acetone	ug/L	<5.0	5.0	07/08/20 18:28	IC
Benzene	ug/L	<1.0	1.0	07/08/20 18:28	
Bromobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Bromochloromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Bromodichloromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Bromoform	ug/L	<1.0	1.0	07/08/20 18:28	
Bromomethane	ug/L	<1.0	1.0	07/08/20 18:28	
Carbon disulfide	ug/L	<1.0	1.0	07/08/20 18:28	
Carbon tetrachloride	ug/L	<1.0	1.0	07/08/20 18:28	
Chlorobenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Chloroethane	ug/L	<1.0	1.0	07/08/20 18:28	
Chloroform	ug/L	<1.0	1.0	07/08/20 18:28	
Chloromethane	ug/L	<1.0	1.0	07/08/20 18:28	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

METHOD BLANK: 812108

Matrix: Water

Associated Lab Samples: 70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011, 70136698012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	07/08/20 18:28	
Dibromochloromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Dibromomethane	ug/L	<1.0	1.0	07/08/20 18:28	
Dichlorodifluoromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Ethylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	07/08/20 18:28	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	07/08/20 18:28	
m&p-Xylene	ug/L	<2.0	2.0	07/08/20 18:28	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	07/08/20 18:28	
Methylene Chloride	ug/L	<1.0	1.0	07/08/20 18:28	
n-Butylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
n-Propylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Naphthalene	ug/L	<1.0	1.0	07/08/20 18:28	
o-Xylene	ug/L	<1.0	1.0	07/08/20 18:28	
p-Isopropyltoluene	ug/L	<1.0	1.0	07/08/20 18:28	
sec-Butylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Styrene	ug/L	<1.0	1.0	07/08/20 18:28	
tert-Butylbenzene	ug/L	<1.0	1.0	07/08/20 18:28	
Tetrachloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
Toluene	ug/L	<1.0	1.0	07/08/20 18:28	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	07/08/20 18:28	
Trichloroethene	ug/L	<1.0	1.0	07/08/20 18:28	
Trichlorofluoromethane	ug/L	<1.0	1.0	07/08/20 18:28	
Vinyl acetate	ug/L	<1.0	1.0	07/08/20 18:28	
Vinyl chloride	ug/L	<1.0	1.0	07/08/20 18:28	
Xylene (Total)	ug/L	<3.0	3.0	07/08/20 18:28	
1,2-Dichloroethane-d4 (S)	%	100	68-153	07/08/20 18:28	
4-Bromofluorobenzene (S)	%	100	79-124	07/08/20 18:28	
Toluene-d8 (S)	%	100	69-124	07/08/20 18:28	

LABORATORY CONTROL SAMPLE: 812109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.4	103	74-113	
1,1,1-Trichloroethane	ug/L	50	49.2	98	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	48.1	96	74-121	
1,1,2-Trichloroethane	ug/L	50	48.3	97	80-117	
1,1-Dichloroethane	ug/L	50	48.6	97	83-151	
1,1-Dichloroethene	ug/L	50	46.0	92	45-146	
1,1-Dichloropropene	ug/L	50	47.5	95	59-127	
1,2,3-Trichlorobenzene	ug/L	50	51.0	102	67-103	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

LABORATORY CONTROL SAMPLE: 812109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	48.5	97	71-123	
1,2,4-Trichlorobenzene	ug/L	50	50.4	101	66-116	
1,2,4-Trimethylbenzene	ug/L	50	49.1	98	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	48.0	96	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	83-115	
1,2-Dichlorobenzene	ug/L	50	50.1	100	74-113	
1,2-Dichloroethane	ug/L	50	49.7	99	74-129	
1,2-Dichloropropane	ug/L	50	47.8	96	75-117	
1,3,5-Trimethylbenzene	ug/L	50	49.1	98	67-116	
1,3-Dichlorobenzene	ug/L	50	50.4	101	71-112	
1,3-Dichloropropane	ug/L	50	50.1	100	74-112	
1,4-Dichlorobenzene	ug/L	50	49.7	99	71-113	
2,2-Dichloropropane	ug/L	50	33.1	66	63-133	
2-Butanone (MEK)	ug/L	50	49.9	100	44-162	IL
2-Chlorotoluene	ug/L	50	48.0	96	74-101	
2-Hexanone	ug/L	50	48.6	97	32-183	CH
4-Chlorotoluene	ug/L	50	48.3	97	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	49.7	99	69-132	
Acetone	ug/L	50	57.0	114	23-188	CH,IC
Benzene	ug/L	50	48.0	96	73-119	
Bromobenzene	ug/L	50	49.2	98	72-102	
Bromochloromethane	ug/L	50	52.5	105	81-116	
Bromodichloromethane	ug/L	50	48.7	97	78-117	
Bromoform	ug/L	50	54.0	108	65-122	
Bromomethane	ug/L	50	79.4	159	52-147	CH,IH,L1
Carbon disulfide	ug/L	50	48.2	96	41-144	
Carbon tetrachloride	ug/L	50	50.4	101	59-120	
Chlorobenzene	ug/L	50	50.0	100	75-113	
Chloroethane	ug/L	50	48.0	96	49-151	
Chloroform	ug/L	50	50.2	100	72-122	
Chloromethane	ug/L	50	51.2	102	46-144	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	72-121	
cis-1,3-Dichloropropene	ug/L	50	45.5	91	78-116	
Dibromochloromethane	ug/L	50	52.4	105	70-120	
Dibromomethane	ug/L	50	49.0	98	75-125	
Dichlorodifluoromethane	ug/L	50	49.5	99	22-154	
Ethylbenzene	ug/L	50	50.3	101	70-113	
Hexachloro-1,3-butadiene	ug/L	50	53.2	106	59-121	
Isopropylbenzene (Cumene)	ug/L	50	48.2	96	67-115	
m&p-Xylene	ug/L	100	101	101	72-115	
Methyl-tert-butyl ether	ug/L	50	50.2	100	72-131	
Methylene Chloride	ug/L	50	48.5	97	61-142	
n-Butylbenzene	ug/L	50	48.2	96	73-107	
n-Propylbenzene	ug/L	50	48.1	96	68-116	
Naphthalene	ug/L	50	50.5	101	70-118	
o-Xylene	ug/L	50	50.3	101	73-117	
p-Isopropyltoluene	ug/L	50	48.6	97	73-101	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

LABORATORY CONTROL SAMPLE: 812109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	48.9	98	72-103	
Styrene	ug/L	50	50.8	102	72-118	
tert-Butylbenzene	ug/L	50	49.1	98	68-100	
Tetrachloroethene	ug/L	50	60.3	121	60-128	
Toluene	ug/L	50	48.6	97	72-119	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	56-142	
trans-1,3-Dichloropropene	ug/L	50	45.1	90	79-116	
Trichloroethene	ug/L	50	49.0	98	69-117	
Trichlorofluoromethane	ug/L	50	52.2	104	27-173	
Vinyl acetate	ug/L	50	44.4	89	20-158	
Vinyl chloride	ug/L	50	52.8	106	43-143	IH
Xylene (Total)	ug/L	150	151	101	71-109	
1,2-Dichloroethane-d4 (S)	%			99	68-153	
4-Bromofluorobenzene (S)	%			102	79-124	
Toluene-d8 (S)	%			100	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 812263 812264

Parameter	Units	70136698006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	50	51.3	52.5	103	105	74-113	2	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	49.9	51.6	100	103	65-118	3	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	48.6	51.1	97	102	74-121	5	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	50.5	53.1	101	106	80-117	5	
1,1-Dichloroethane	ug/L	<1.0	50	50	48.1	48.9	96	98	83-151	2	
1,1-Dichloroethene	ug/L	<1.0	50	50	48.1	48.6	96	97	45-146	1	
1,1-Dichloropropene	ug/L	<1.0	50	50	48.4	50.2	97	100	59-127	4	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	51.5	56.9	103	114	67-103	10	M1
1,2,3-Trichloropropane	ug/L	<1.0	50	50	50.0	50.8	100	102	71-123	2	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	51.0	55.2	102	110	66-116	8	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	47.6	51.2	95	102	68-116	7	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	47.3	49.9	95	100	74-119	5	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	50.8	52.7	102	105	83-115	4	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	50.2	52.7	100	105	74-113	5	
1,2-Dichloroethane	ug/L	<1.0	50	50	48.7	50.3	97	101	74-129	3	
1,2-Dichloropropane	ug/L	<1.0	50	50	47.6	48.8	95	98	75-117	2	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	47.9	51.1	96	102	67-116	7	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	50.0	52.9	100	106	71-112	6	
1,3-Dichloropropane	ug/L	<1.0	50	50	50.0	52.2	100	104	74-112	4	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	49.9	52.7	100	105	71-113	5	
2,2-Dichloropropane	ug/L	<1.0	50	50	43.8	45.5	88	91	63-133	4	
2-Butanone (MEK)	ug/L	<5.0	50	50	45.3	45.8	91	92	44-162	1	IL
2-Chlorotoluene	ug/L	<1.0	50	50	46.9	49.6	94	99	74-101	6	
2-Hexanone	ug/L	<5.0	50	50	49.5	51.4	99	103	32-183	4	CH
4-Chlorotoluene	ug/L	<1.0	50	50	46.9	49.4	94	99	74-101	5	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 812263 812264											
Parameter	Units	70136698006		MS	MSD	MS	MSD	MS	MSD	% Rec	RPD
		Result	Conc.	Spike	Spike						Qual
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	49.4	51.7	99	103	69-132	5	
Acetone	ug/L	<5.0	50	50	55.2	53.2	110	106	23-188	4	CH,IC
Benzene	ug/L	<1.0	50	50	48.2	49.6	96	99	73-119	3	
Bromobenzene	ug/L	<1.0	50	50	49.6	51.7	99	103	72-102	4	M1
Bromochloromethane	ug/L	<1.0	50	50	52.1	53.1	104	106	81-116	2	
Bromodichloromethane	ug/L	<1.0	50	50	49.0	50.6	98	101	78-117	3	
Bromoform	ug/L	<1.0	50	50	52.3	54.1	105	108	65-122	3	
Bromomethane	ug/L	<1.0	50	50	62.2	68.6	124	137	52-147	10	CH,IH
Carbon disulfide	ug/L	<1.0	50	50	46.2	48.4	92	97	41-144	5	
Carbon tetrachloride	ug/L	<1.0	50	50	50.9	53.0	102	106	59-120	4	
Chlorobenzene	ug/L	<1.0	50	50	50.7	52.3	101	105	75-113	3	
Chloroethane	ug/L	<1.0	50	50	48.6	48.5	97	97	49-151	0	
Chloroform	ug/L	<1.0	50	50	50.4	51.1	101	102	72-122	1	
Chloromethane	ug/L	<1.0	50	50	45.6	47.8	91	96	46-144	5	
cis-1,2-Dichloroethene	ug/L	126	50	50	238	243	225	234	72-121	2	E,M1
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	47.2	48.8	94	98	78-116	3	
Dibromochloromethane	ug/L	<1.0	50	50	51.7	54.1	103	108	70-120	5	
Dibromomethane	ug/L	<1.0	50	50	50.0	51.3	100	103	75-125	3	
Dichlorodifluoromethane	ug/L	<1.0	50	50	45.0	46.1	90	92	22-154	2	
Ethylbenzene	ug/L	<1.0	50	50	50.6	53.0	101	106	70-113	5	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	50.4	55.8	101	112	59-121	10	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	47.9	50.9	96	102	67-115	6	
m&p-Xylene	ug/L	<2.0	100	100	102	107	102	107	72-115	5	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	49.5	50.8	99	102	72-131	3	
Methylene Chloride	ug/L	<1.0	50	50	48.0	48.1	96	96	61-142	0	
n-Butylbenzene	ug/L	<1.0	50	50	47.6	51.7	95	103	73-107	8	
n-Propylbenzene	ug/L	<1.0	50	50	47.4	50.7	95	101	68-116	7	
Naphthalene	ug/L	<1.0	50	50	50.0	55.4	100	111	70-118	10	
o-Xylene	ug/L	<1.0	50	50	50.2	52.5	100	105	73-117	4	
p-Isopropyltoluene	ug/L	<1.0	50	50	48.0	51.5	96	103	73-101	7	M1
sec-Butylbenzene	ug/L	<1.0	50	50	48.3	52.7	97	105	72-103	9	M1
Styrene	ug/L	<1.0	50	50	50.8	53.3	102	107	72-118	5	
tert-Butylbenzene	ug/L	<1.0	50	50	49.0	52.6	98	105	68-100	7	M1
Tetrachloroethene	ug/L	104	50	50	147	153	87	97	60-128	4	
Toluene	ug/L	<1.0	50	50	49.6	51.1	99	102	72-119	3	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	50.1	51.4	100	103	56-142	3	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	45.9	48.0	92	96	79-116	5	
Trichloroethene	ug/L	65.9	50	50	110	113	89	95	69-117	3	
Trichlorofluoromethane	ug/L	<1.0	50	50	53.3	53.9	107	108	27-173	1	
Vinyl acetate	ug/L	<1.0	50	50	36.5	38.3	73	77	20-158	5	
Vinyl chloride	ug/L	11.0	50	50	62.5	64.3	103	107	43-143	3	IH
Xylene (Total)	ug/L	<3.0	150	150	152	160	101	107	71-109	5	
1,2-Dichloroethane-d4 (S)	%						98	98	68-153		
4-Bromofluorobenzene (S)	%						100	101	79-124		
Toluene-d8 (S)	%						101	101	69-124		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1
Pace Project No.: 70136698

QC Batch:	169363	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011		

METHOD BLANK: 818675 Matrix: Water
Associated Lab Samples: 70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	07/16/20 20:46	
Sulfate	mg/L	<5.0	5.0	07/16/20 20:46	

LABORATORY CONTROL SAMPLE: 818676

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.8	108	90-110	
Sulfate	mg/L	10	10.7	107	90-110	

MATRIX SPIKE SAMPLE: 818679

Parameter	Units	70136701001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	17.9	10	28.3	103	90-110	
Sulfate	mg/L	12.0	10	22.5	105	90-110	

MATRIX SPIKE SAMPLE: 818677

Parameter	Units	70136698006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1670	1000	2730	106	90-110	
Sulfate	mg/L	194	100	296	102	90-110	

SAMPLE DUPLICATE: 818678

Parameter	Units	70136698006 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1670	1620	3	
Sulfate	mg/L	194	184	6	

SAMPLE DUPLICATE: 818680

Parameter	Units	70136701001 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	17.9	18.5	3	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

SAMPLE DUPLICATE: 818680

Parameter	Units	70136701001 Result	Dup Result	RPD	Qualifiers
Sulfate	mg/L	12.0	12.4	4	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1
Pace Project No.: 70136698

QC Batch:	167382	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrite, Unpres.
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011		

METHOD BLANK: 808619 Matrix: Water
Associated Lab Samples: 70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	ND	0.050	07/02/20 19:46	

LABORATORY CONTROL SAMPLE: 808620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.1	106	90-110	

MATRIX SPIKE SAMPLE: 808621

Parameter	Units	70136698006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.55	109	90-110	

MATRIX SPIKE SAMPLE: 808623

Parameter	Units	70136810001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.54	106	90-110	

SAMPLE DUPLICATE: 808622

Parameter	Units	70136698006 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 808624

Parameter	Units	70136810001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

QC Batch:	167392	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate, Unpres.
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011		

METHOD BLANK:	808707	Matrix:	Water
Associated Lab Samples:	70136698001, 70136698002, 70136698003, 70136698004, 70136698005, 70136698006, 70136698007, 70136698008, 70136698009, 70136698010, 70136698011		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	ND	0.050	07/02/20 22:57	

LABORATORY CONTROL SAMPLE: 808708						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE:		808709					
Parameter	Units	70136698006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.57	109	90-110	

MATRIX SPIKE SAMPLE:	808711						
		70136833001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.7	5	11.6	98	90-110	

SAMPLE DUPLICATE: 808710

Parameter	Units	70136698006 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 808712

Parameter	Units	70136833001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.7	7.7	15	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: ALCO QUATERLY GW 7/1
Pace Project No.: 70136698

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 70136698001

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70136698001	MW-19	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698002	MW-46	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698003	MW-62	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698004	MW-64S	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698005	MW-64D	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698006	MW-65	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698007	MW-67	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698008	MW-68	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698009	MW-70S	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698010	MW-70D	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698011	DUP X	EPA 200.7 Rev. 4.4, 1994	406218	EPA 200.7 Rev. 4.4, 1994	406273
70136698001	MW-19	EPA 8260C/5030C	168025		
70136698002	MW-46	EPA 8260C/5030C	168025		
70136698003	MW-62	EPA 8260C/5030C	168025		
70136698004	MW-64S	EPA 8260C/5030C	168025		
70136698005	MW-64D	EPA 8260C/5030C	168025		
70136698006	MW-65	EPA 8260C/5030C	168025		
70136698007	MW-67	EPA 8260C/5030C	168025		
70136698008	MW-68	EPA 8260C/5030C	168025		
70136698009	MW-70S	EPA 8260C/5030C	168025		
70136698010	MW-70D	EPA 8260C/5030C	168025		
70136698011	DUP X	EPA 8260C/5030C	168025		
70136698012	TRIP BLANK	EPA 8260C/5030C	168025		
70136698001	MW-19	EPA 300.0	169363		
70136698002	MW-46	EPA 300.0	169363		
70136698003	MW-62	EPA 300.0	169363		
70136698004	MW-64S	EPA 300.0	169363		
70136698005	MW-64D	EPA 300.0	169363		
70136698006	MW-65	EPA 300.0	169363		
70136698007	MW-67	EPA 300.0	169363		
70136698008	MW-68	EPA 300.0	169363		
70136698009	MW-70S	EPA 300.0	169363		
70136698010	MW-70D	EPA 300.0	169363		
70136698011	DUP X	EPA 300.0	169363		
70136698001	MW-19	EPA 353.2	167392		
70136698002	MW-46	EPA 353.2	167392		
70136698003	MW-62	EPA 353.2	167392		
70136698004	MW-64S	EPA 353.2	167392		
70136698005	MW-64D	EPA 353.2	167392		
70136698006	MW-65	EPA 353.2	167392		
70136698007	MW-67	EPA 353.2	167392		
70136698008	MW-68	EPA 353.2	167392		
70136698009	MW-70S	EPA 353.2	167392		
70136698010	MW-70D	EPA 353.2	167392		
70136698011	DUP X	EPA 353.2	167392		
70136698001	MW-19	EPA 353.2	167382		
70136698002	MW-46	EPA 353.2	167382		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUATERLY GW 7/1

Pace Project No.: 70136698

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70136698003	MW-62	EPA 353.2	167382		
70136698004	MW-64S	EPA 353.2	167382		
70136698005	MW-64D	EPA 353.2	167382		
70136698006	MW-65	EPA 353.2	167382		
70136698007	MW-67	EPA 353.2	167382		
70136698008	MW-68	EPA 353.2	167382		
70136698009	MW-70S	EPA 353.2	167382		
70136698010	MW-70D	EPA 353.2	167382		
70136698011	DUP X	EPA 353.2	167382		

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W0#: 70136698

CHAIN-OF-CUSTODY Analytical Request Document



Company: BARTON & LOGUIDICE		Billing Information: 443 Electronics Bldg Civertool NY		Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields		USE ONLY	
Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205		Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM		Container Preservative Type: 3 U 1		er: Jennifer Araci	
Report To: ANDY BARBER		Site/Facility ID #		Site Collection Info/Address: Schenectady, NY 12308		LAB Sample Receipt Checklist:	
Copy To: CORINNE STEINMULLER		Purchase Order #		State NY County/City SCHENECTADY Time Zone		Custody Seals Present/Intact	
Customer: Project Name/Number: ALCO QUARTERLY GW		Quote #		Collected EST		Custody Signatures Present	
Phone: (518)218-1801		Turnaround Date Required: 2 WEEK		Compliance Monitoring? [] Yes [] No		Collector Signatures Present	
Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM		RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day [] Archive [] Hold		DW PWS ID #: DW Location Code #:		Bottles Intact	
Collected by (signature):		RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day [] Archive [] Hold		Immediately Packed on Ice? [] Yes [] No		Correct Bottles	
Sample Disposal: [X] Dispose as appropriate [] Return [] Archive [] Hold		RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day [] Archive [] Hold		Field Filtered (if applicable): [] Yes [] No		Sufficient Volume	
* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)		RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day [] Archive [] Hold		Analyses:		VOA - Headspace Acceptable	
Customer Sample ID		Matrix*		Collected (or Composite Start)		USDA Regulated Solids	
MW-19		WW		Date Time		Samples in holding time	
MW-46		WW		Date Time		Residual Chlorine Present	
MW-62		WW		Date Time		Cl Strips:	
MW-64S		WW		Date Time		Sample pH Acceptable	
MW-64D		WW		Date Time		pH Strips:	
MW-65 (MS/MSD)		WW		Date Time		Sulfide Present	
MW-67		WW		Date Time		Lead Acetate Strips:	
MW-68		WW		Date Time		↓ LAB USE ONLY: ↓	
MW-70S		WW		Date Time			
MW-70D		WW		Date Time			
DUP X		WW		Date Time			
TRIP BLANK		TB		Date Time			
Customer Remarks/ Special Conditions/ Possible Hazards:		Types of Ice Used: [] Wet [] Blue [] Dry [] None []		LAB Tracking #: 1224 8331 8233		LAB Sample Temperature info: Temp Blank received:	
		Short Holds Present (< 72 hours): Y N N/A		Samples received via: [] UPS [] Client [] Courier		Therm ID #: 7001 Y N NA	
		Relinquished by/Company: (Signature)		Date/Time: 7/16/20 10:50		Cooler 1 Temp Upon Receipt 20.1 oC	
		Relinquished by/Company: (Signature)		Date/Time: 7/16/20 10:50		Cooler 1 Therm Corr. Factor 1.04 oC	
		Relinquished by/Company: (Signature)		Date/Time: 7/16/20 10:50		Cooler 1 Corrected Temp 20.5 oC	
		Relinquished by/Company: (Signature)		Date/Time: 7/16/20 10:50		Comments: Trip Blank Received Y N N/A	
		Relinquished by/Company: (Signature)		Date/Time: 7/16/20 10:50		Non-Conformance(s) YES / NO	
		Relinquished by/Company: (Signature)		Date/Time: 7/16/20 10:50		Page of	

September 25, 2020

Corinne Steinmuller
Barton and Loguidice
10 Airline Drive Suite 200
Albany,

RE: Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

Dear Corinne Steinmuller:

Enclosed are the analytical results for sample(s) received by the laboratory on September 10, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville
- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sophia Sparkes
sophia.sparkes@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L
Nicholas Despart, Barton and Loguidice-Albany



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

Delaware Certification

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Florida: Cert E871149 SEKS WET

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas/TNI Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012

Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020

Maryland Certification #: 308

Massachusetts Certification #: M-PA1457

Michigan/PADEP Certification #: 9991

Missouri Certification #: 235

Montana Certification #: Cert0082

Nebraska Certification #: NE-OS-29-14

Nevada Certification #: PA014572018-1

New Hampshire/TNI Certification #: 297617

New Jersey/TNI Certification #: PA051

New Mexico Certification #: PA01457

New York/TNI Certification #: 10888

North Carolina Certification #: 42706

North Dakota Certification #: R-190

Ohio EPA Rad Approval: #41249

Oregon/TNI Certification #: PA200002-010

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: 02867

Texas/TNI Certification #: T104704188-17-3

Utah/TNI Certification #: PA014572017-9

USDA Soil Permit #: P330-17-00091

Vermont Dept. of Health: ID# VT-0282

Virgin Island/PADEP Certification

Virginia/VELAP Certification #: 9526

Washington Certification #: C868

West Virginia DEP Certification #: 143

West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad

Wyoming Certification #: 8TMS-L

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70145290001	MW-19	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70145290002	MW-46	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70145290003	MW-62	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70145290004	MW-64S	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70145290005	MW-64D	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70145290006	MW-65	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70145290007	MW-67	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
70145290008	MW-68	EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV

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SAMPLE ANALYTE COUNT

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
70145290009	MW-70S	300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
		EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
70145290010	MW-70D	EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV
		EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
70145290011	DUP X	EPA 353.2	PGL	1	PACE-MV
		EPA 200.7 Rev. 4.4, 1994	KAS	1	PASI-PA
		EPA 8260C/5030C	KGG	70	PACE-MV
		300.0 Rev.2.1, 1993	JWL	2	PASI-PA
		EPA 353.2	PGL	2	PACE-MV
		EPA 353.2	PGL	1	PACE-MV

PACE-MV = Pace Analytical Services - Melville

PASI-PA = Pace Analytical Services - Greensburg

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-19		Lab ID: 70145290001	Collected: 09/09/20 08:30	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	168000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:00		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 21:34	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:34	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 21:34	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:34	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:34	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 21:34	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 21:34	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:34	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 21:34	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 21:34	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:34	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:34	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:34	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:34	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 21:34	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 21:34	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 21:34	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 21:34	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 21:34	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/15/20 21:34	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/15/20 21:34	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 21:34	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 21:34	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/15/20 21:34	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 21:34	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 21:34	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 21:34	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 21:34	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/15/20 21:34	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 21:34	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 21:34	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 21:34	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 21:34	75-71-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-19		Lab ID: 70145290001	Collected: 09/09/20 08:30	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 21:34	87-68-3	CL
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 21:34	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 21:34	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 21:34	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 21:34	91-20-3	
Styrene	<1.0	ug/L	1.0	1		09/15/20 21:34	100-42-5	
Tetrachloroethene	165	ug/L	1.0	1		09/15/20 21:34	127-18-4	
Toluene	<1.0	ug/L	1.0	1		09/15/20 21:34	108-88-3	
Trichloroethene	19.6	ug/L	1.0	1		09/15/20 21:34	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 21:34	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 21:34	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		09/15/20 21:34	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 21:34	1330-20-7	
cis-1,2-Dichloroethene	15.0	ug/L	1.0	1		09/15/20 21:34	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 21:34	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 21:34	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	104-51-8	L2
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 21:34	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 21:34	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:34	98-06-6	
trans-1,2-Dichloroethene	2.8	ug/L	1.0	1		09/15/20 21:34	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 21:34	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	68-153	1		09/15/20 21:34	17060-07-0	
4-Bromofluorobenzene (S)	100	%	79-124	1		09/15/20 21:34	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		09/15/20 21:34	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg						
Chloride	50.3	mg/L	5.0	10		09/24/20 13:32	16887-00-6	
Sulfate	9.1	mg/L	5.0	10		09/24/20 13:32	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.60	mg/L	0.050	1		09/10/20 23:49	14797-55-8	
Nitrate-Nitrite (as N)	0.60	mg/L	0.050	1		09/10/20 23:49	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:04	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-46		Lab ID: 70145290002	Collected: 09/09/20 08:45	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	176000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:04		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 21:54	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:54	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 21:54	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:54	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:54	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 21:54	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 21:54	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:54	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 21:54	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 21:54	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 21:54	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:54	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:54	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 21:54	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 21:54	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 21:54	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 21:54	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 21:54	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 21:54	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/15/20 21:54	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/15/20 21:54	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 21:54	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 21:54	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/15/20 21:54	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 21:54	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 21:54	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 21:54	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 21:54	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/15/20 21:54	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 21:54	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 21:54	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 21:54	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 21:54	75-71-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-46		Lab ID: 70145290002	Collected: 09/09/20 08:45	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 21:54	87-68-3	CL
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 21:54	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 21:54	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 21:54	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 21:54	91-20-3	
Styrene	<1.0	ug/L	1.0	1		09/15/20 21:54	100-42-5	
Tetrachloroethene	52.2	ug/L	1.0	1		09/15/20 21:54	127-18-4	
Toluene	<1.0	ug/L	1.0	1		09/15/20 21:54	108-88-3	
Trichloroethene	6.0	ug/L	1.0	1		09/15/20 21:54	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 21:54	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 21:54	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		09/15/20 21:54	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 21:54	1330-20-7	
cis-1,2-Dichloroethene	5.4	ug/L	1.0	1		09/15/20 21:54	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 21:54	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 21:54	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	104-51-8	L2
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 21:54	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 21:54	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 21:54	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 21:54	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 21:54	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	68-153	1		09/15/20 21:54	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		09/15/20 21:54	460-00-4	
Toluene-d8 (S)	104	%	69-124	1		09/15/20 21:54	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg						
Chloride	45.2	mg/L	5.0	10		09/24/20 13:48	16887-00-6	
Sulfate	8.9	mg/L	5.0	10		09/24/20 13:48	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.62	mg/L	0.050	1		09/10/20 23:50	14797-55-8	
Nitrate-Nitrite (as N)	0.62	mg/L	0.050	1		09/10/20 23:50	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:05	14797-65-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-62		Lab ID: 70145290003	Collected: 09/09/20 07:35	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	349000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:08		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 22:14	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:14	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 22:14	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:14	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:14	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 22:14	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:14	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:14	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 22:14	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 22:14	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:14	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:14	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:14	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:14	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 22:14	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 22:14	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 22:14	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 22:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 22:14	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/15/20 22:14	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/15/20 22:14	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 22:14	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 22:14	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/15/20 22:14	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 22:14	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 22:14	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 22:14	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 22:14	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/15/20 22:14	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 22:14	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 22:14	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 22:14	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 22:14	75-71-8	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-62		Lab ID: 70145290003		Collected: 09/09/20 07:35		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	100-41-4	CL	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 22:14	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 22:14	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 22:14	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 22:14	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 22:14	91-20-3		
Styrene	<1.0	ug/L	1.0	1		09/15/20 22:14	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		09/15/20 22:14	127-18-4		
Toluene	<1.0	ug/L	1.0	1		09/15/20 22:14	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		09/15/20 22:14	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 22:14	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 22:14	108-05-4		
Vinyl chloride	3.0	ug/L	1.0	1		09/15/20 22:14	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 22:14	1330-20-7		
cis-1,2-Dichloroethene	9.4	ug/L	1.0	1		09/15/20 22:14	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:14	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 22:14	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	104-51-8	L2	
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 22:14	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 22:14	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:14	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 22:14	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:14	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	68-153	1		09/15/20 22:14	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		09/15/20 22:14	460-00-4		
Toluene-d8 (S)	102	%	69-124	1		09/15/20 22:14	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg							
Chloride	45.4	mg/L	5.0	10		09/24/20 14:05	16887-00-6		
Sulfate	7.5	mg/L	5.0	10		09/24/20 14:05	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.98	mg/L	0.050	1		09/10/20 23:51	14797-55-8		
Nitrate-Nitrite (as N)	1.0	mg/L	0.050	1		09/10/20 23:51	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:06	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-64S		Lab ID: 70145290004	Collected: 09/09/20 07:20	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	238000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:11		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 22:35	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:35	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 22:35	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:35	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:35	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 22:35	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:35	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:35	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 22:35	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 22:35	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:35	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:35	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:35	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:35	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 22:35	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 22:35	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 22:35	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 22:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 22:35	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/15/20 22:35	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/15/20 22:35	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 22:35	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 22:35	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/15/20 22:35	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 22:35	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 22:35	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 22:35	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 22:35	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/15/20 22:35	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 22:35	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 22:35	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 22:35	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 22:35	75-71-8	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-64S		Lab ID: 70145290004		Collected: 09/09/20 07:20		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	100-41-4	CL	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 22:35	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 22:35	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 22:35	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 22:35	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 22:35	91-20-3		
Styrene	<1.0	ug/L	1.0	1		09/15/20 22:35	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		09/15/20 22:35	127-18-4		
Toluene	<1.0	ug/L	1.0	1		09/15/20 22:35	108-88-3		
Trichloroethene	2.6	ug/L	1.0	1		09/15/20 22:35	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 22:35	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 22:35	108-05-4		
Vinyl chloride	1.6	ug/L	1.0	1		09/15/20 22:35	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 22:35	1330-20-7		
cis-1,2-Dichloroethene	4.3	ug/L	1.0	1		09/15/20 22:35	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:35	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 22:35	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	104-51-8	L2	
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 22:35	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 22:35	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:35	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 22:35	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:35	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	68-153	1		09/15/20 22:35	17060-07-0		
4-Bromofluorobenzene (S)	101	%	79-124	1		09/15/20 22:35	460-00-4		
Toluene-d8 (S)	102	%	69-124	1		09/15/20 22:35	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg							
Chloride	30.5	mg/L	5.0	10		09/24/20 14:21	16887-00-6		
Sulfate	10.6	mg/L	5.0	10		09/24/20 14:21	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.19	mg/L	0.050	1		09/10/20 23:52	14797-55-8		
Nitrate-Nitrite (as N)	0.20	mg/L	0.050	1		09/10/20 23:52	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:07	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-64D		Lab ID: 70145290005	Collected: 09/09/20 07:25	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	249000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:27		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 22:55	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:55	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 22:55	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:55	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:55	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 22:55	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:55	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:55	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 22:55	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 22:55	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 22:55	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:55	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:55	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 22:55	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 22:55	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 22:55	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 22:55	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 22:55	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 22:55	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/15/20 22:55	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/15/20 22:55	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 22:55	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 22:55	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/15/20 22:55	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 22:55	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 22:55	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 22:55	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 22:55	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/15/20 22:55	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 22:55	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 22:55	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 22:55	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 22:55	75-71-8	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-64D		Lab ID: 70145290005	Collected: 09/09/20 07:25		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	100-41-4	CL
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 22:55	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 22:55	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 22:55	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 22:55	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 22:55	91-20-3	
Styrene	<1.0	ug/L	1.0	1		09/15/20 22:55	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		09/15/20 22:55	127-18-4	
Toluene	<1.0	ug/L	1.0	1		09/15/20 22:55	108-88-3	
Trichloroethene	2.0	ug/L	1.0	1		09/15/20 22:55	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 22:55	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 22:55	108-05-4	
Vinyl chloride	1.3	ug/L	1.0	1		09/15/20 22:55	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 22:55	1330-20-7	
cis-1,2-Dichloroethene	3.5	ug/L	1.0	1		09/15/20 22:55	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:55	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 22:55	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	104-51-8	L2
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 22:55	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 22:55	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 22:55	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 22:55	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 22:55	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%	68-153	1		09/15/20 22:55	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		09/15/20 22:55	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		09/15/20 22:55	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg						
Chloride	24.9	mg/L	5.0	10		09/24/20 14:38	16887-00-6	
Sulfate	16.6	mg/L	5.0	10		09/24/20 14:38	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.38	mg/L	0.050	1		09/10/20 23:56	14797-55-8	
Nitrate-Nitrite (as N)	0.38	mg/L	0.050	1		09/10/20 23:56	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:08	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-65		Lab ID: 70145290006		Collected: 09/09/20 07:00		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Total Hardness by SM2340B-2011	693000	ug/L	3300	1	09/18/20 09:43	09/21/20 11:46			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/17/20 00:57	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/17/20 00:57	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/17/20 00:57	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/17/20 00:57	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/17/20 00:57	75-34-3	M1	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/17/20 00:57	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/17/20 00:57	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	87-61-6	L1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/17/20 00:57	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/17/20 00:57	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/17/20 00:57	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/17/20 00:57	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/17/20 00:57	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/17/20 00:57	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/17/20 00:57	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/17/20 00:57	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/17/20 00:57	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		09/17/20 00:57	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/17/20 00:57	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/17/20 00:57	108-10-1		
Acetone	<5.0	ug/L	5.0	1		09/17/20 00:57	67-64-1	CH	
Benzene	<1.0	ug/L	1.0	1		09/17/20 00:57	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		09/17/20 00:57	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		09/17/20 00:57	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		09/17/20 00:57	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		09/17/20 00:57	74-83-9	CL	
Carbon disulfide	<1.0	ug/L	1.0	1		09/17/20 00:57	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/17/20 00:57	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		09/17/20 00:57	75-00-3	CL	
Chloroform	<1.0	ug/L	1.0	1		09/17/20 00:57	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		09/17/20 00:57	74-87-3	CL	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/17/20 00:57	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		09/17/20 00:57	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/17/20 00:57	75-71-8	CL	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-65		Lab ID: 70145290006		Collected: 09/09/20 07:00		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Ethylbenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/17/20 00:57	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/17/20 00:57	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/17/20 00:57	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		09/17/20 00:57	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		09/17/20 00:57	91-20-3		
Styrene	<1.0	ug/L	1.0	1		09/17/20 00:57	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		09/17/20 00:57	127-18-4		
Toluene	<1.0	ug/L	1.0	1		09/17/20 00:57	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		09/17/20 00:57	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/17/20 00:57	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		09/17/20 00:57	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		09/17/20 00:57	75-01-4	CL	
Xylene (Total)	<3.0	ug/L	3.0	1		09/17/20 00:57	1330-20-7		
cis-1,2-Dichloroethene	2.1	ug/L	1.0	1		09/17/20 00:57	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/17/20 00:57	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		09/17/20 00:57	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	104-51-8	CL	
n-Propylbenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		09/17/20 00:57	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/17/20 00:57	99-87-6	L1	
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	135-98-8	L1	
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/17/20 00:57	98-06-6	L1	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/17/20 00:57	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/17/20 00:57	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	93	%	68-153	1		09/17/20 00:57	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		09/17/20 00:57	460-00-4		
Toluene-d8 (S)	101	%	69-124	1		09/17/20 00:57	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg							
Chloride	599	mg/L	250	500		09/24/20 14:54	16887-00-6	ML,R1	
Sulfate	<250	mg/L	250	500		09/24/20 14:54	14808-79-8	ML	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.059	mg/L	0.050	1		09/10/20 23:57	14797-55-8		
Nitrate-Nitrite (as N)	0.064	mg/L	0.050	1		09/10/20 23:57	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:10	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-67		Lab ID: 70145290007		Collected: 09/09/20 08:00		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg							
Total Hardness by SM2340B-2011	461000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:30			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 23:15	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:15	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 23:15	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:15	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:15	75-34-3		
1,1-Dichloroethene	1.7	ug/L	1.0	1		09/15/20 23:15	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:15	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	87-61-6		
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:15	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 23:15	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 23:15	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:15	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:15	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:15	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:15	594-20-7		
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 23:15	78-93-3	IL	
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 23:15	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 23:15	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 23:15	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 23:15	108-10-1		
Acetone	<5.0	ug/L	5.0	1		09/15/20 23:15	67-64-1		
Benzene	<1.0	ug/L	1.0	1		09/15/20 23:15	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 23:15	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 23:15	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		09/15/20 23:15	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 23:15	74-83-9	CL	
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 23:15	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 23:15	56-23-5		
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 23:15	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		09/15/20 23:15	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 23:15	74-87-3		
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 23:15	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 23:15	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 23:15	75-71-8		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

Sample: MW-67		Lab ID: 70145290007	Collected: 09/09/20 08:00	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 23:15	87-68-3	CL
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 23:15	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 23:15	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 23:15	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 23:15	91-20-3	
Styrene	<1.0	ug/L	1.0	1		09/15/20 23:15	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		09/15/20 23:15	127-18-4	
Toluene	<1.0	ug/L	1.0	1		09/15/20 23:15	108-88-3	
Trichloroethene	22.5	ug/L	1.0	1		09/15/20 23:15	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 23:15	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 23:15	108-05-4	
Vinyl chloride	142	ug/L	1.0	1		09/15/20 23:15	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 23:15	1330-20-7	
cis-1,2-Dichloroethene	1290	ug/L	20.0	20		09/16/20 22:55	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:15	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 23:15	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	104-51-8	L2
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 23:15	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 23:15	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:15	98-06-6	
trans-1,2-Dichloroethene	21.4	ug/L	1.0	1		09/15/20 23:15	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:15	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	68-153	1		09/15/20 23:15	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		09/15/20 23:15	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		09/15/20 23:15	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg						
Chloride	393	mg/L	50.0	100		09/24/20 15:43	16887-00-6	
Sulfate	<50.0	mg/L	50.0	100		09/24/20 15:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.080	mg/L	0.050	1		09/11/20 00:01	14797-55-8	
Nitrate-Nitrite (as N)	0.083	mg/L	0.050	1		09/11/20 00:01	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:16	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-68		Lab ID: 70145290008	Collected: 09/09/20 07:50	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	168000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:34		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 23:35	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:35	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 23:35	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:35	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:35	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 23:35	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:35	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:35	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 23:35	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 23:35	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:35	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:35	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:35	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:35	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 23:35	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 23:35	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 23:35	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 23:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 23:35	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/15/20 23:35	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/15/20 23:35	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 23:35	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 23:35	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/15/20 23:35	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 23:35	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 23:35	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 23:35	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 23:35	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/15/20 23:35	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 23:35	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 23:35	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 23:35	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 23:35	75-71-8	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-68		Lab ID: 70145290008	Collected: 09/09/20 07:50	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 23:35	87-68-3	CL
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 23:35	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 23:35	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 23:35	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 23:35	91-20-3	
Styrene	<1.0	ug/L	1.0	1		09/15/20 23:35	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		09/15/20 23:35	127-18-4	
Toluene	<1.0	ug/L	1.0	1		09/15/20 23:35	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		09/15/20 23:35	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 23:35	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 23:35	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		09/15/20 23:35	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 23:35	1330-20-7	
cis-1,2-Dichloroethene	1.7	ug/L	1.0	1		09/15/20 23:35	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:35	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 23:35	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	104-51-8	L2
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 23:35	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 23:35	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:35	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 23:35	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:35	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	92	%	68-153	1		09/15/20 23:35	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		09/15/20 23:35	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		09/15/20 23:35	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg						
Chloride	15.3	mg/L	5.0	10		09/24/20 16:00	16887-00-6	
Sulfate	<5.0	mg/L	5.0	10		09/24/20 16:00	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	<0.050	mg/L	0.050	1		09/11/20 00:04	14797-55-8	
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		09/11/20 00:04	7727-37-9	
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:19	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-70S		Lab ID: 70145290009	Collected: 09/09/20 09:05	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	217000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:38		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 23:56	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:56	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/15/20 23:56	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:56	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:56	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 23:56	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:56	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:56	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/15/20 23:56	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/15/20 23:56	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/15/20 23:56	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:56	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:56	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/15/20 23:56	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/15/20 23:56	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 23:56	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/15/20 23:56	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/15/20 23:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/15/20 23:56	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/15/20 23:56	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/15/20 23:56	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/15/20 23:56	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/15/20 23:56	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/15/20 23:56	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/15/20 23:56	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/15/20 23:56	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/15/20 23:56	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/15/20 23:56	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/15/20 23:56	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/15/20 23:56	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/15/20 23:56	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/15/20 23:56	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/15/20 23:56	75-71-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-70S		Lab ID: 70145290009		Collected: 09/09/20 09:05		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	100-41-4	CL	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/15/20 23:56	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/15/20 23:56	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/15/20 23:56	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		09/15/20 23:56	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		09/15/20 23:56	91-20-3		
Styrene	<1.0	ug/L	1.0	1		09/15/20 23:56	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		09/15/20 23:56	127-18-4		
Toluene	<1.0	ug/L	1.0	1		09/15/20 23:56	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		09/15/20 23:56	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/15/20 23:56	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		09/15/20 23:56	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		09/15/20 23:56	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		09/15/20 23:56	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 23:56	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:56	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		09/15/20 23:56	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	104-51-8	L2	
n-Propylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		09/15/20 23:56	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/15/20 23:56	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/15/20 23:56	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/15/20 23:56	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/15/20 23:56	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	92	%	68-153	1		09/15/20 23:56	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		09/15/20 23:56	460-00-4		
Toluene-d8 (S)	103	%	69-124	1		09/15/20 23:56	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg							
Chloride	<5.0	mg/L	5.0	10		09/24/20 16:16	16887-00-6		
Sulfate	5.1	mg/L	5.0	10		09/24/20 16:16	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.74	mg/L	0.050	1		09/11/20 00:05	14797-55-8		
Nitrate-Nitrite (as N)	0.83	mg/L	0.050	1		09/11/20 00:05	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrite as N	0.093	mg/L	0.050	1		09/10/20 22:20	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-70D		Lab ID: 70145290010	Collected: 09/09/20 09:26	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	880000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:41		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/16/20 00:16	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:16	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/16/20 00:16	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:16	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:16	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/16/20 00:16	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/16/20 00:16	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:16	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	120-82-1	
1,2,4-Trimethylbenzene	2.3	ug/L	1.0	1		09/16/20 00:16	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/16/20 00:16	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/16/20 00:16	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:16	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:16	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:16	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:16	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/16/20 00:16	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/16/20 00:16	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/16/20 00:16	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/16/20 00:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/16/20 00:16	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/16/20 00:16	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/16/20 00:16	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/16/20 00:16	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/16/20 00:16	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/16/20 00:16	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/16/20 00:16	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/16/20 00:16	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/16/20 00:16	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/16/20 00:16	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/16/20 00:16	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/16/20 00:16	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/16/20 00:16	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/16/20 00:16	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/16/20 00:16	75-71-8	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: MW-70D		Lab ID: 70145290010		Collected: 09/09/20 09:26		Received: 09/10/20 11:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Ethylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	100-41-4	CL	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/16/20 00:16	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/16/20 00:16	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/16/20 00:16	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		09/16/20 00:16	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		09/16/20 00:16	91-20-3		
Styrene	<1.0	ug/L	1.0	1		09/16/20 00:16	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		09/16/20 00:16	127-18-4		
Toluene	<1.0	ug/L	1.0	1		09/16/20 00:16	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		09/16/20 00:16	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/16/20 00:16	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		09/16/20 00:16	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		09/16/20 00:16	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		09/16/20 00:16	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/16/20 00:16	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/16/20 00:16	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		09/16/20 00:16	179601-23-1	L2	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		09/16/20 00:16	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/16/20 00:16	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:16	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/16/20 00:16	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/16/20 00:16	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		09/16/20 00:16	17060-07-0		
4-Bromofluorobenzene (S)	99	%	79-124	1		09/16/20 00:16	460-00-4		
Toluene-d8 (S)	102	%	69-124	1		09/16/20 00:16	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg							
Chloride	97.3	mg/L	5.0	10		09/24/20 16:33	16887-00-6		
Sulfate	5.3	mg/L	5.0	10		09/24/20 16:33	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.16	mg/L	0.050	1		09/11/20 00:07	14797-55-8		
Nitrate-Nitrite (as N)	0.17	mg/L	0.050	1		09/11/20 00:07	7727-37-9		
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:22	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: DUP X		Lab ID: 70145290011	Collected: 09/09/20 00:00	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Rev. 4.4, 1994 Preparation Method: EPA 200.7 Rev. 4.4, 1994 Pace Analytical Services - Greensburg						
Total Hardness by SM2340B-2011	126000	ug/L	3300	1	09/18/20 09:43	09/21/20 12:45		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/16/20 00:36	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:36	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		09/16/20 00:36	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:36	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:36	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		09/16/20 00:36	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		09/16/20 00:36	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	87-61-6	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:36	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		09/16/20 00:36	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		09/16/20 00:36	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		09/16/20 00:36	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:36	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:36	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		09/16/20 00:36	594-20-7	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		09/16/20 00:36	78-93-3	IL
2-Chlorotoluene	<1.0	ug/L	1.0	1		09/16/20 00:36	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		09/16/20 00:36	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		09/16/20 00:36	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		09/16/20 00:36	108-10-1	
Acetone	<5.0	ug/L	5.0	1		09/16/20 00:36	67-64-1	
Benzene	<1.0	ug/L	1.0	1		09/16/20 00:36	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		09/16/20 00:36	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		09/16/20 00:36	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		09/16/20 00:36	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		09/16/20 00:36	74-83-9	CL
Carbon disulfide	<1.0	ug/L	1.0	1		09/16/20 00:36	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		09/16/20 00:36	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		09/16/20 00:36	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		09/16/20 00:36	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		09/16/20 00:36	74-87-3	
Dibromochloromethane	<1.0	ug/L	1.0	1		09/16/20 00:36	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		09/16/20 00:36	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		09/16/20 00:36	75-71-8	

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ANALYTICAL RESULTS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Sample: DUP X		Lab ID: 70145290011	Collected: 09/09/20 00:00	Received: 09/10/20 11:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Ethylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		09/16/20 00:36	87-68-3	CL
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		09/16/20 00:36	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		09/16/20 00:36	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		09/16/20 00:36	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		09/16/20 00:36	91-20-3	
Styrene	<1.0	ug/L	1.0	1		09/16/20 00:36	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		09/16/20 00:36	127-18-4	
Toluene	<1.0	ug/L	1.0	1		09/16/20 00:36	108-88-3	
Trichloroethene	1.5	ug/L	1.0	1		09/16/20 00:36	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		09/16/20 00:36	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		09/16/20 00:36	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		09/16/20 00:36	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		09/16/20 00:36	1330-20-7	
cis-1,2-Dichloroethene	2.4	ug/L	1.0	1		09/16/20 00:36	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/16/20 00:36	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		09/16/20 00:36	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	104-51-8	L2
n-Propylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		09/16/20 00:36	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		09/16/20 00:36	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		09/16/20 00:36	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		09/16/20 00:36	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		09/16/20 00:36	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%	68-153	1		09/16/20 00:36	17060-07-0	
4-Bromofluorobenzene (S)	100	%	79-124	1		09/16/20 00:36	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		09/16/20 00:36	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: 300.0 Rev.2.1, 1993 Pace Analytical Services - Greensburg						
Chloride	24.3	mg/L	5.0	10		09/24/20 17:55	16887-00-6	ML
Sulfate	16.5	mg/L	5.0	10		09/24/20 17:55	14808-79-8	ML
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.32	mg/L	0.050	1		09/11/20 00:13	14797-55-8	
Nitrate-Nitrite (as N)	0.32	mg/L	0.050	1		09/11/20 00:13	7727-37-9	H1
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		09/10/20 22:23	14797-65-0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

QC Batch:	414547	Analysis Method:	EPA 200.7 Rev. 4.4, 1994
QC Batch Method:	EPA 200.7 Rev. 4.4, 1994	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010, 70145290011		

METHOD BLANK: 2004760 Matrix: Water
Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010, 70145290011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Hardness by SM2340B-2011	ug/L	<3300	3300	09/21/20 11:39	

LABORATORY CONTROL SAMPLE: 2004761

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Hardness by SM2340B-2011	ug/L		32400			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2004763 2004764

Parameter	Units	70145290006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Total Hardness by SM2340B-2011	ug/L	693000			651000	569000				13	

MATRIX SPIKE SAMPLE: 2004766

Parameter	Units	70145290011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Total Hardness by SM2340B-2011	ug/L	126000		160000			

SAMPLE DUPLICATE: 2004762

Parameter	Units	70145290006 Result	Dup Result	RPD	Qualifiers
Total Hardness by SM2340B-2011	ug/L	693000	699000	1	

SAMPLE DUPLICATE: 2004765

Parameter	Units	70145290011 Result	Dup Result	RPD	Qualifiers
Total Hardness by SM2340B-2011	ug/L	126000	132000	4	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

QC Batch:	177439	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290007, 70145290008, 70145290009, 70145290010, 70145290011

METHOD BLANK: 861017 Matrix: Water
Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290007, 70145290008, 70145290009, 70145290010, 70145290011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	09/15/20 19:36	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	09/15/20 19:36	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	09/15/20 19:36	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	09/15/20 19:36	
1,1-Dichloroethane	ug/L	<1.0	1.0	09/15/20 19:36	
1,1-Dichloroethene	ug/L	<1.0	1.0	09/15/20 19:36	
1,1-Dichloropropene	ug/L	<1.0	1.0	09/15/20 19:36	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	09/15/20 19:36	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	09/15/20 19:36	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	09/15/20 19:36	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	09/15/20 19:36	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	09/15/20 19:36	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	09/15/20 19:36	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	09/15/20 19:36	
1,2-Dichloroethane	ug/L	<1.0	1.0	09/15/20 19:36	
1,2-Dichloropropane	ug/L	<1.0	1.0	09/15/20 19:36	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	09/15/20 19:36	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	09/15/20 19:36	
1,3-Dichloropropane	ug/L	<1.0	1.0	09/15/20 19:36	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	09/15/20 19:36	
2,2-Dichloropropane	ug/L	<1.0	1.0	09/15/20 19:36	
2-Butanone (MEK)	ug/L	<5.0	5.0	09/15/20 19:36	IL
2-Chlorotoluene	ug/L	<1.0	1.0	09/15/20 19:36	
2-Hexanone	ug/L	<5.0	5.0	09/15/20 19:36	
4-Chlorotoluene	ug/L	<1.0	1.0	09/15/20 19:36	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	09/15/20 19:36	
Acetone	ug/L	<5.0	5.0	09/15/20 19:36	
Benzene	ug/L	<1.0	1.0	09/15/20 19:36	
Bromobenzene	ug/L	<1.0	1.0	09/15/20 19:36	
Bromochloromethane	ug/L	<1.0	1.0	09/15/20 19:36	
Bromodichloromethane	ug/L	<1.0	1.0	09/15/20 19:36	
Bromoform	ug/L	<1.0	1.0	09/15/20 19:36	
Bromomethane	ug/L	<1.0	1.0	09/15/20 19:36	CL
Carbon disulfide	ug/L	<1.0	1.0	09/15/20 19:36	
Carbon tetrachloride	ug/L	<1.0	1.0	09/15/20 19:36	
Chlorobenzene	ug/L	<1.0	1.0	09/15/20 19:36	
Chloroethane	ug/L	<1.0	1.0	09/15/20 19:36	
Chloroform	ug/L	<1.0	1.0	09/15/20 19:36	
Chloromethane	ug/L	<1.0	1.0	09/15/20 19:36	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

METHOD BLANK: 861017

Matrix: Water

Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290007, 70145290008, 70145290009, 70145290010, 70145290011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	09/15/20 19:36	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	09/15/20 19:36	
Dibromochloromethane	ug/L	<1.0	1.0	09/15/20 19:36	
Dibromomethane	ug/L	<1.0	1.0	09/15/20 19:36	
Dichlorodifluoromethane	ug/L	<1.0	1.0	09/15/20 19:36	
Ethylbenzene	ug/L	<1.0	1.0	09/15/20 19:36	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	09/15/20 19:36	CL
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	09/15/20 19:36	
m&p-Xylene	ug/L	<2.0	2.0	09/15/20 19:36	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	09/15/20 19:36	
Methylene Chloride	ug/L	<1.0	1.0	09/15/20 19:36	
n-Butylbenzene	ug/L	<1.0	1.0	09/15/20 19:36	
n-Propylbenzene	ug/L	<1.0	1.0	09/15/20 19:36	
Naphthalene	ug/L	<1.0	1.0	09/15/20 19:36	
o-Xylene	ug/L	<1.0	1.0	09/15/20 19:36	
p-Isopropyltoluene	ug/L	<1.0	1.0	09/15/20 19:36	
sec-Butylbenzene	ug/L	<1.0	1.0	09/15/20 19:36	
Styrene	ug/L	<1.0	1.0	09/15/20 19:36	
tert-Butylbenzene	ug/L	<1.0	1.0	09/15/20 19:36	
Tetrachloroethene	ug/L	<1.0	1.0	09/15/20 19:36	
Toluene	ug/L	<1.0	1.0	09/15/20 19:36	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	09/15/20 19:36	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	09/15/20 19:36	
Trichloroethene	ug/L	<1.0	1.0	09/15/20 19:36	
Trichlorofluoromethane	ug/L	<1.0	1.0	09/15/20 19:36	
Vinyl acetate	ug/L	<1.0	1.0	09/15/20 19:36	
Vinyl chloride	ug/L	<1.0	1.0	09/15/20 19:36	
Xylene (Total)	ug/L	<3.0	3.0	09/15/20 19:36	
1,2-Dichloroethane-d4 (S)	%	93	68-153	09/15/20 19:36	
4-Bromofluorobenzene (S)	%	99	79-124	09/15/20 19:36	
Toluene-d8 (S)	%	103	69-124	09/15/20 19:36	

LABORATORY CONTROL SAMPLE: 861018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.9	100	74-113	
1,1,1-Trichloroethane	ug/L	50	44.3	89	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	51.2	102	74-121	
1,1,2-Trichloroethane	ug/L	50	48.6	97	80-117	
1,1-Dichloroethane	ug/L	50	45.8	92	83-151	
1,1-Dichloroethene	ug/L	50	48.9	98	45-146	
1,1-Dichloropropene	ug/L	50	45.5	91	59-127	
1,2,3-Trichlorobenzene	ug/L	50	42.3	85	67-103	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

LABORATORY CONTROL SAMPLE: 861018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	52.0	104	71-123	
1,2,4-Trichlorobenzene	ug/L	50	41.8	84	66-116	
1,2,4-Trimethylbenzene	ug/L	50	43.3	87	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	52.6	105	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	50.2	100	83-115	
1,2-Dichlorobenzene	ug/L	50	47.8	96	74-113	
1,2-Dichloroethane	ug/L	50	44.0	88	74-129	
1,2-Dichloropropane	ug/L	50	45.6	91	75-117	
1,3,5-Trimethylbenzene	ug/L	50	42.2	84	67-116	
1,3-Dichlorobenzene	ug/L	50	46.1	92	71-112	
1,3-Dichloropropane	ug/L	50	49.2	98	74-112	
1,4-Dichlorobenzene	ug/L	50	46.2	92	71-113	
2,2-Dichloropropane	ug/L	50	48.8	98	63-133	
2-Butanone (MEK)	ug/L	50	46.4	93	44-162	IL
2-Chlorotoluene	ug/L	50	43.2	86	74-101	
2-Hexanone	ug/L	50	48.8	98	32-183	
4-Chlorotoluene	ug/L	50	44.1	88	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	44.3	89	69-132	
Acetone	ug/L	50	48.9	98	23-188	
Benzene	ug/L	50	46.1	92	73-119	
Bromobenzene	ug/L	50	48.3	97	72-102	
Bromochloromethane	ug/L	50	49.1	98	81-116	
Bromodichloromethane	ug/L	50	48.5	97	78-117	
Bromoform	ug/L	50	42.9	86	65-122	
Bromomethane	ug/L	50	33.4	67	52-147	CL
Carbon disulfide	ug/L	50	43.6	87	41-144	
Carbon tetrachloride	ug/L	50	45.4	91	59-120	
Chlorobenzene	ug/L	50	48.8	98	75-113	
Chloroethane	ug/L	50	43.2	86	49-151	
Chloroform	ug/L	50	47.6	95	72-122	
Chloromethane	ug/L	50	38.3	77	46-144	
cis-1,2-Dichloroethene	ug/L	50	49.1	98	72-121	
cis-1,3-Dichloropropene	ug/L	50	48.6	97	78-116	
Dibromochloromethane	ug/L	50	53.0	106	70-120	
Dibromomethane	ug/L	50	47.3	95	75-125	
Dichlorodifluoromethane	ug/L	50	44.1	88	22-154	
Ethylbenzene	ug/L	50	48.1	96	70-113	
Hexachloro-1,3-butadiene	ug/L	50	32.2	64	59-121	CL
Isopropylbenzene (Cumene)	ug/L	50	43.7	87	67-115	
m&p-Xylene	ug/L	100	98.3	98	72-115	
Methyl-tert-butyl ether	ug/L	50	46.3	93	72-131	
Methylene Chloride	ug/L	50	46.0	92	61-142	
n-Butylbenzene	ug/L	50	35.0	70	73-107	L2
n-Propylbenzene	ug/L	50	40.8	82	68-116	
Naphthalene	ug/L	50	45.3	91	70-118	
o-Xylene	ug/L	50	49.0	98	73-117	
p-Isopropyltoluene	ug/L	50	38.6	77	73-101	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

LABORATORY CONTROL SAMPLE: 861018

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	37.4	75	72-103	
Styrene	ug/L	50	49.1	98	72-118	
tert-Butylbenzene	ug/L	50	39.8	80	68-100	
Tetrachloroethene	ug/L	50	46.4	93	60-128	
Toluene	ug/L	50	46.7	93	72-119	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	56-142	
trans-1,3-Dichloropropene	ug/L	50	50.1	100	79-116	
Trichloroethene	ug/L	50	46.9	94	69-117	
Trichlorofluoromethane	ug/L	50	46.9	94	27-173	
Vinyl acetate	ug/L	50	43.0	86	20-158	
Vinyl chloride	ug/L	50	42.6	85	43-143	
Xylene (Total)	ug/L	150	147	98	71-109	
1,2-Dichloroethane-d4 (S)	%			87	68-153	
4-Bromofluorobenzene (S)	%			99	79-124	
Toluene-d8 (S)	%			102	69-124	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

QC Batch:	177646	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70145290006

METHOD BLANK: 862080 Matrix: Water

Associated Lab Samples: 70145290006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	09/16/20 18:11	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	09/16/20 18:11	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	09/16/20 18:11	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	09/16/20 18:11	
1,1-Dichloroethane	ug/L	<1.0	1.0	09/16/20 18:11	
1,1-Dichloroethene	ug/L	<1.0	1.0	09/16/20 18:11	
1,1-Dichloropropene	ug/L	<1.0	1.0	09/16/20 18:11	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	09/16/20 18:11	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	09/16/20 18:11	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	09/16/20 18:11	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	09/16/20 18:11	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	09/16/20 18:11	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	09/16/20 18:11	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	09/16/20 18:11	
1,2-Dichloroethane	ug/L	<1.0	1.0	09/16/20 18:11	
1,2-Dichloropropane	ug/L	<1.0	1.0	09/16/20 18:11	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	09/16/20 18:11	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	09/16/20 18:11	
1,3-Dichloropropane	ug/L	<1.0	1.0	09/16/20 18:11	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	09/16/20 18:11	
2,2-Dichloropropane	ug/L	<1.0	1.0	09/16/20 18:11	
2-Butanone (MEK)	ug/L	<5.0	5.0	09/16/20 18:11	IL
2-Chlorotoluene	ug/L	<1.0	1.0	09/16/20 18:11	
2-Hexanone	ug/L	<5.0	5.0	09/16/20 18:11	
4-Chlorotoluene	ug/L	<1.0	1.0	09/16/20 18:11	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	09/16/20 18:11	
Acetone	ug/L	<5.0	5.0	09/16/20 18:11	
Benzene	ug/L	<1.0	1.0	09/16/20 18:11	
Bromobenzene	ug/L	<1.0	1.0	09/16/20 18:11	
Bromochloromethane	ug/L	<1.0	1.0	09/16/20 18:11	
Bromodichloromethane	ug/L	<1.0	1.0	09/16/20 18:11	
Bromoform	ug/L	<1.0	1.0	09/16/20 18:11	
Bromomethane	ug/L	<1.0	1.0	09/16/20 18:11	CL
Carbon disulfide	ug/L	<1.0	1.0	09/16/20 18:11	
Carbon tetrachloride	ug/L	<1.0	1.0	09/16/20 18:11	
Chlorobenzene	ug/L	<1.0	1.0	09/16/20 18:11	
Chloroethane	ug/L	<1.0	1.0	09/16/20 18:11	CL
Chloroform	ug/L	<1.0	1.0	09/16/20 18:11	
Chloromethane	ug/L	<1.0	1.0	09/16/20 18:11	CL
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	09/16/20 18:11	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

METHOD BLANK: 862080

Matrix: Water

Associated Lab Samples: 70145290006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	09/16/20 18:11	
Dibromochloromethane	ug/L	<1.0	1.0	09/16/20 18:11	
Dibromomethane	ug/L	<1.0	1.0	09/16/20 18:11	
Dichlorodifluoromethane	ug/L	<1.0	1.0	09/16/20 18:11	CL
Ethylbenzene	ug/L	<1.0	1.0	09/16/20 18:11	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	09/16/20 18:11	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	09/16/20 18:11	
m&p-Xylene	ug/L	<2.0	2.0	09/16/20 18:11	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	09/16/20 18:11	
Methylene Chloride	ug/L	<1.0	1.0	09/16/20 18:11	
n-Butylbenzene	ug/L	<1.0	1.0	09/16/20 18:11	CL
n-Propylbenzene	ug/L	<1.0	1.0	09/16/20 18:11	
Naphthalene	ug/L	<1.0	1.0	09/16/20 18:11	
o-Xylene	ug/L	<1.0	1.0	09/16/20 18:11	
p-Isopropyltoluene	ug/L	<1.0	1.0	09/16/20 18:11	
sec-Butylbenzene	ug/L	<1.0	1.0	09/16/20 18:11	
Styrene	ug/L	<1.0	1.0	09/16/20 18:11	
tert-Butylbenzene	ug/L	<1.0	1.0	09/16/20 18:11	
Tetrachloroethene	ug/L	<1.0	1.0	09/16/20 18:11	
Toluene	ug/L	<1.0	1.0	09/16/20 18:11	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	09/16/20 18:11	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	09/16/20 18:11	
Trichloroethene	ug/L	<1.0	1.0	09/16/20 18:11	
Trichlorofluoromethane	ug/L	<1.0	1.0	09/16/20 18:11	
Vinyl acetate	ug/L	<1.0	1.0	09/16/20 18:11	
Vinyl chloride	ug/L	<1.0	1.0	09/16/20 18:11	CL
Xylene (Total)	ug/L	<3.0	3.0	09/16/20 18:11	
1,2-Dichloroethane-d4 (S)	%	91	68-153	09/16/20 18:11	
4-Bromofluorobenzene (S)	%	97	79-124	09/16/20 18:11	
Toluene-d8 (S)	%	103	69-124	09/16/20 18:11	

LABORATORY CONTROL SAMPLE: 862081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.2	108	74-113	
1,1,1-Trichloroethane	ug/L	50	44.7	89	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	51.4	103	74-121	
1,1,2-Trichloroethane	ug/L	50	53.1	106	80-117	
1,1-Dichloroethane	ug/L	50	45.5	91	83-151	
1,1-Dichloroethene	ug/L	50	45.1	90	45-146	
1,1-Dichloropropene	ug/L	50	46.0	92	59-127	
1,2,3-Trichlorobenzene	ug/L	50	52.3	105	67-103	L1
1,2,3-Trichloropropane	ug/L	50	53.1	106	71-123	
1,2,4-Trichlorobenzene	ug/L	50	54.7	109	66-116	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

LABORATORY CONTROL SAMPLE: 862081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	49.7	99	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	54.5	109	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	56.2	112	83-115	
1,2-Dichlorobenzene	ug/L	50	54.1	108	74-113	
1,2-Dichloroethane	ug/L	50	46.6	93	74-129	
1,2-Dichloropropane	ug/L	50	47.9	96	75-117	
1,3,5-Trimethylbenzene	ug/L	50	49.2	98	67-116	
1,3-Dichlorobenzene	ug/L	50	52.9	106	71-112	
1,3-Dichloropropane	ug/L	50	51.6	103	74-112	
1,4-Dichlorobenzene	ug/L	50	52.5	105	71-113	
2,2-Dichloropropane	ug/L	50	47.8	96	63-133	
2-Butanone (MEK)	ug/L	50	51.9	104	44-162	IL
2-Chlorotoluene	ug/L	50	46.8	94	74-101	
2-Hexanone	ug/L	50	53.4	107	32-183	
4-Chlorotoluene	ug/L	50	47.1	94	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	49.9	100	69-132	
Acetone	ug/L	50	57.8	116	23-188	CH
Benzene	ug/L	50	47.5	95	73-119	
Bromobenzene	ug/L	50	49.8	100	72-102	
Bromochloromethane	ug/L	50	52.4	105	81-116	
Bromodichloromethane	ug/L	50	51.9	104	78-117	
Bromoform	ug/L	50	49.9	100	65-122	
Bromomethane	ug/L	50	37.9	76	52-147	CL
Carbon disulfide	ug/L	50	43.9	88	41-144	
Carbon tetrachloride	ug/L	50	46.6	93	59-120	
Chlorobenzene	ug/L	50	52.7	105	75-113	
Chloroethane	ug/L	50	40.1	80	49-151	CL
Chloroform	ug/L	50	48.1	96	72-122	
Chloromethane	ug/L	50	35.7	71	46-144	CL
cis-1,2-Dichloroethene	ug/L	50	49.3	99	72-121	
cis-1,3-Dichloropropene	ug/L	50	51.8	104	78-116	
Dibromochloromethane	ug/L	50	58.6	117	70-120	
Dibromomethane	ug/L	50	51.7	103	75-125	
Dichlorodifluoromethane	ug/L	50	34.8	70	22-154	CL
Ethylbenzene	ug/L	50	52.4	105	70-113	
Hexachloro-1,3-butadiene	ug/L	50	51.8	104	59-121	
Isopropylbenzene (Cumene)	ug/L	50	48.4	97	67-115	
m&p-Xylene	ug/L	100	109	109	72-115	
Methyl-tert-butyl ether	ug/L	50	48.5	97	72-131	
Methylene Chloride	ug/L	50	45.7	91	61-142	
n-Butylbenzene	ug/L	50	52.6	105	73-107	CL
n-Propylbenzene	ug/L	50	47.4	95	68-116	
Naphthalene	ug/L	50	50.1	100	70-118	
o-Xylene	ug/L	50	53.6	107	73-117	
p-Isopropyltoluene	ug/L	50	53.1	106	73-101	L1
sec-Butylbenzene	ug/L	50	52.4	105	72-103	L1
Styrene	ug/L	50	54.4	109	72-118	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

LABORATORY CONTROL SAMPLE: 862081

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
tert-Butylbenzene	ug/L	50	50.5	101	68-100	L1
Tetrachloroethene	ug/L	50	51.4	103	60-128	
Toluene	ug/L	50	50.0	100	72-119	
trans-1,2-Dichloroethene	ug/L	50	47.4	95	56-142	
trans-1,3-Dichloropropene	ug/L	50	54.1	108	79-116	
Trichloroethene	ug/L	50	49.2	98	69-117	
Trichlorofluoromethane	ug/L	50	41.9	84	27-173	
Vinyl acetate	ug/L	50	46.8	94	20-158	
Vinyl chloride	ug/L	50	37.7	75	43-143	CL
Xylene (Total)	ug/L	150	162	108	71-109	
1,2-Dichloroethane-d4 (S)	%			90	68-153	
4-Bromofluorobenzene (S)	%			103	79-124	
Toluene-d8 (S)	%			101	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 862578 862579

Parameter	Units	70145290006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	50	46.8	49.1	94	98	74-113	5	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	40.4	41.4	81	83	65-118	3	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	45.2	46.8	90	94	74-121	3	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	46.3	48.4	93	97	80-117	4	
1,1-Dichloroethane	ug/L	<1.0	50	50	40.6	41.7	81	83	83-151	3	M1
1,1-Dichloroethene	ug/L	<1.0	50	50	42.3	44.5	85	89	45-146	5	
1,1-Dichloropropene	ug/L	<1.0	50	50	41.0	42.5	82	85	59-127	4	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	42.8	45.3	86	91	67-103	6	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	46.0	47.6	92	95	71-123	3	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	43.8	45.6	88	91	66-116	4	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	43.3	44.5	87	89	68-116	3	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	43.8	49.6	88	99	74-119	12	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	47.9	49.3	96	99	83-115	3	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	46.4	47.6	93	95	74-113	3	
1,2-Dichloroethane	ug/L	<1.0	50	50	40.9	41.5	82	83	74-129	1	
1,2-Dichloropropane	ug/L	<1.0	50	50	42.2	42.6	84	85	75-117	1	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	42.8	44.0	86	88	67-116	3	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	45.5	47.1	91	94	71-112	3	
1,3-Dichloropropane	ug/L	<1.0	50	50	45.7	47.0	91	94	74-112	3	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	45.0	45.8	90	92	71-113	2	
2,2-Dichloropropane	ug/L	<1.0	50	50	36.3	37.5	73	75	63-133	3	
2-Butanone (MEK)	ug/L	<5.0	50	50	39.1	39.7	78	79	44-162	2	IL
2-Chlorotoluene	ug/L	<1.0	50	50	41.3	42.6	83	85	74-101	3	
2-Hexanone	ug/L	<5.0	50	50	46.0	46.9	92	94	32-183	2	
4-Chlorotoluene	ug/L	<1.0	50	50	41.6	43.1	83	86	74-101	4	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	43.4	43.1	87	86	69-132	1	
Acetone	ug/L	<5.0	50	50	40.6	43.2	75	80	23-188	6	CH

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			862578	862579								
Parameter	70145290006		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.								
Benzene	ug/L	<1.0	50	50	42.3	43.3	85	87	73-119	2		
Bromobenzene	ug/L	<1.0	50	50	43.7	45.0	87	90	72-102	3		
Bromochloromethane	ug/L	<1.0	50	50	45.6	46.1	91	92	81-116	1		
Bromodichloromethane	ug/L	<1.0	50	50	43.4	46.3	87	93	78-117	6		
Bromoform	ug/L	<1.0	50	50	39.6	43.1	79	86	65-122	8		
Bromomethane	ug/L	<1.0	50	50	33.5	38.2	67	76	52-147	13	CL	
Carbon disulfide	ug/L	<1.0	50	50	39.3	40.8	79	82	41-144	4		
Carbon tetrachloride	ug/L	<1.0	50	50	40.7	43.1	81	86	59-120	6		
Chlorobenzene	ug/L	<1.0	50	50	45.7	47.8	91	96	75-113	5		
Chloroethane	ug/L	<1.0	50	50	36.9	38.3	74	77	49-151	4	CL	
Chloroform	ug/L	<1.0	50	50	42.2	44.0	84	88	72-122	4		
Chloromethane	ug/L	<1.0	50	50	32.7	34.3	65	69	46-144	5	CL	
cis-1,2-Dichloroethene	ug/L	2.1	50	50	45.8	46.7	87	89	72-121	2		
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	43.3	44.7	87	89	78-116	3		
Dibromochloromethane	ug/L	<1.0	50	50	47.9	52.4	96	105	70-120	9		
Dibromomethane	ug/L	<1.0	50	50	45.5	45.7	91	91	75-125	0		
Dichlorodifluoromethane	ug/L	<1.0	50	50	31.3	32.1	63	64	22-154	2	CL	
Ethylbenzene	ug/L	<1.0	50	50	45.3	47.4	91	95	70-113	4		
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	40.0	41.3	80	83	59-121	3		
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	42.4	43.8	85	88	67-115	3		
m&p-Xylene	ug/L	<2.0	100	100	94.2	98.0	94	98	72-115	4		
Methyl-tert-butyl ether	ug/L	<1.0	50	50	43.2	44.1	86	88	72-131	2		
Methylene Chloride	ug/L	<1.0	50	50	40.0	41.5	80	83	61-142	4		
n-Butylbenzene	ug/L	<1.0	50	50	43.4	45.0	87	90	73-107	4	CL	
n-Propylbenzene	ug/L	<1.0	50	50	41.6	42.9	83	86	68-116	3		
Naphthalene	ug/L	<1.0	50	50	45.1	47.8	90	96	70-118	6		
o-Xylene	ug/L	<1.0	50	50	46.3	48.1	93	96	73-117	4		
p-Isopropyltoluene	ug/L	<1.0	50	50	45.1	46.4	90	93	73-101	3		
sec-Butylbenzene	ug/L	<1.0	50	50	44.8	46.1	90	92	72-103	3		
Styrene	ug/L	<1.0	50	50	46.4	48.7	93	97	72-118	5		
tert-Butylbenzene	ug/L	<1.0	50	50	44.0	45.3	88	91	68-100	3		
Tetrachloroethene	ug/L	<1.0	50	50	44.0	46.1	88	92	60-128	5		
Toluene	ug/L	<1.0	50	50	44.1	45.1	88	90	72-119	2		
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	42.7	43.7	85	87	56-142	2		
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	46.1	47.9	92	96	79-116	4		
Trichloroethene	ug/L	<1.0	50	50	42.9	44.4	86	89	69-117	3		
Trichlorofluoromethane	ug/L	<1.0	50	50	39.1	40.7	78	81	27-173	4		
Vinyl acetate	ug/L	<1.0	50	50	35.0	35.5	70	71	20-158	1		
Vinyl chloride	ug/L	<1.0	50	50	35.0	36.3	70	73	43-143	4	CL	
Xylene (Total)	ug/L	<3.0	150	150	140	146	94	97	71-109	4		
1,2-Dichloroethane-d4 (S)	%						92	91	68-153			
4-Bromofluorobenzene (S)	%						101	102	79-124			
Toluene-d8 (S)	%						100	101	69-124			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

QC Batch:	414897	Analysis Method:	300.0 Rev.2.1, 1993
QC Batch Method:	300.0 Rev.2.1, 1993	Analysis Description:	300.0 IC Anions 28day
		Laboratory:	Pace Analytical Services - Greensburg

Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010

METHOD BLANK: 2006635 Matrix: Water
Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.50	0.50	09/24/20 12:59	
Sulfate	mg/L	<0.50	0.50	09/24/20 12:59	

LABORATORY CONTROL SAMPLE: 2006636

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2	1.9	95	90-110	
Sulfate	mg/L	2	2.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2006637 2006638

Parameter	Units	70145290006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	mg/L	599	1000	1000	1380	584	78	-2	90-110	81	ML,R1
Sulfate	mg/L	<250	1000	1000	1000	<250	80	-1	90-110		ML

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

QC Batch:	414898	Analysis Method:	300.0 Rev.2.1, 1993
QC Batch Method:	300.0 Rev.2.1, 1993	Analysis Description:	300.0 IC Anions 28day
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	70145290011		

METHOD BLANK: 2006639 Matrix: Water

Associated Lab Samples: 70145290011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<0.50	0.50	09/24/20 17:22	
Sulfate	mg/L	<0.50	0.50	09/24/20 17:22	

LABORATORY CONTROL SAMPLE: 2006640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	2	1.9	95	90-110	
Sulfate	mg/L	2	2.0	98	90-110	

MATRIX SPIKE SAMPLE: 2006641

Parameter	Units	70145290011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	24.3	20	40.4	80	90-110	ML
Sulfate	mg/L	16.5	20	32.1	78	90-110	ML

SAMPLE DUPLICATE: 2006642

Parameter	Units	70145290011 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	24.3	23.9	2	
Sulfate	mg/L	16.5	15.4	7	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

QC Batch:	176835	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrite, Unpres.
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010, 70145290011		

METHOD BLANK: 858121 Matrix: Water
Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010, 70145290011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	ND	0.050	09/10/20 22:01	

LABORATORY CONTROL SAMPLE: 858122						
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE:		858123					
		70145290006	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.50	99	90-110	

MATRIX SPIKE SAMPLE:		858125					
		70145290007	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrite as N	ma/L	<0.050	0.5	0.50	100	90-110	

SAMPLE DUPLICATE: 858124					
Parameter	Units	70145290006 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 858126					
Parameter	Units	70145290007 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

QC Batch:	176837	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate, Unpres.
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010		

METHOD BLANK: 858133 Matrix: Water
Associated Lab Samples: 70145290001, 70145290002, 70145290003, 70145290004, 70145290005, 70145290006, 70145290007, 70145290008, 70145290009, 70145290010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	ND	0.050	09/10/20 23:32	

LABORATORY CONTROL SAMPLE: 858134

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.1	107	90-110	

MATRIX SPIKE SAMPLE: 858135

Parameter	Units	70145290006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.064	0.5	0.58	103	90-110	

MATRIX SPIKE SAMPLE: 858137

Parameter	Units	70145290007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.083	0.5	0.61	106	90-110	

SAMPLE DUPLICATE: 858136

Parameter	Units	70145290006 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.064	0.065	2	

SAMPLE DUPLICATE: 858138

Parameter	Units	70145290007 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.083	0.086	3	

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QUALITY CONTROL DATA

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

QC Batch: 176838

QC Batch Method: EPA 353.2

Analysis Method: EPA 353.2

Analysis Description: 353.2 Nitrate, Unpres.

Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70145290011

METHOD BLANK: 858139

Matrix: Water

Associated Lab Samples: 70145290011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	ND	0.050	09/11/20 00:10	

LABORATORY CONTROL SAMPLE: 858140

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	104	90-110	

MATRIX SPIKE SAMPLE: 858141

Parameter	Units	70145410001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.8	5	12.0	102	90-110	

SAMPLE DUPLICATE: 858142

Parameter	Units	70145410001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.8	6.8	1	

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QUALIFIERS

Project: ALCO QUATERLY GW 9/9
Pace Project No.: 70145290

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.
ND - Not Detected at or above adjusted reporting limit.
TNTC - Too Numerous To Count
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
MDL - Adjusted Method Detection Limit.
PQL - Practical Quantitation Limit.
RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.
S - Surrogate
1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.
Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.
LCS(D) - Laboratory Control Sample (Duplicate)
MS(D) - Matrix Spike (Duplicate)
DUP - Sample Duplicate
RPD - Relative Percent Difference
NC - Not Calculable.
SG - Silica Gel - Clean-Up
U - Indicates the compound was analyzed for, but not detected.
N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.
Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.
TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 70145290
[1] Trip Blank not received by lab

SAMPLE QUALIFIERS

Sample: 70145290001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70145290002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70145290003
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70145290004
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70145290005
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70145290006
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70145290007
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

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QUALIFIERS

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

SAMPLE QUALIFIERS

Sample: 70145290008

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70145290009

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70145290010

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70145290011

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 862578

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 862579

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
CL	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased low.
H1	Analysis conducted outside the EPA method holding time.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.
R1	RPD value was outside control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70145290001	MW-19	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290002	MW-46	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290003	MW-62	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290004	MW-64S	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290005	MW-64D	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290006	MW-65	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290007	MW-67	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290008	MW-68	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290009	MW-70S	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290010	MW-70D	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290011	DUP X	EPA 200.7 Rev. 4.4, 1994	414547	EPA 200.7 Rev. 4.4, 1994	414676
70145290001	MW-19	EPA 8260C/5030C	177439		
70145290002	MW-46	EPA 8260C/5030C	177439		
70145290003	MW-62	EPA 8260C/5030C	177439		
70145290004	MW-64S	EPA 8260C/5030C	177439		
70145290005	MW-64D	EPA 8260C/5030C	177439		
70145290006	MW-65	EPA 8260C/5030C	177646		
70145290007	MW-67	EPA 8260C/5030C	177439		
70145290008	MW-68	EPA 8260C/5030C	177439		
70145290009	MW-70S	EPA 8260C/5030C	177439		
70145290010	MW-70D	EPA 8260C/5030C	177439		
70145290011	DUP X	EPA 8260C/5030C	177439		
70145290001	MW-19	300.0 Rev.2.1, 1993	414897		
70145290002	MW-46	300.0 Rev.2.1, 1993	414897		
70145290003	MW-62	300.0 Rev.2.1, 1993	414897		
70145290004	MW-64S	300.0 Rev.2.1, 1993	414897		
70145290005	MW-64D	300.0 Rev.2.1, 1993	414897		
70145290006	MW-65	300.0 Rev.2.1, 1993	414897		
70145290007	MW-67	300.0 Rev.2.1, 1993	414897		
70145290008	MW-68	300.0 Rev.2.1, 1993	414897		
70145290009	MW-70S	300.0 Rev.2.1, 1993	414897		
70145290010	MW-70D	300.0 Rev.2.1, 1993	414897		
70145290011	DUP X	300.0 Rev.2.1, 1993	414898		
70145290001	MW-19	EPA 353.2	176837		
70145290002	MW-46	EPA 353.2	176837		
70145290003	MW-62	EPA 353.2	176837		
70145290004	MW-64S	EPA 353.2	176837		
70145290005	MW-64D	EPA 353.2	176837		
70145290006	MW-65	EPA 353.2	176837		
70145290007	MW-67	EPA 353.2	176837		
70145290008	MW-68	EPA 353.2	176837		
70145290009	MW-70S	EPA 353.2	176837		
70145290010	MW-70D	EPA 353.2	176837		
70145290011	DUP X	EPA 353.2	176838		
70145290001	MW-19	EPA 353.2	176835		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUATERLY GW 9/9

Pace Project No.: 70145290

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70145290002	MW-46	EPA 353.2	176835		
70145290003	MW-62	EPA 353.2	176835		
70145290004	MW-64S	EPA 353.2	176835		
70145290005	MW-64D	EPA 353.2	176835		
70145290006	MW-65	EPA 353.2	176835		
70145290007	MW-67	EPA 353.2	176835		
70145290008	MW-68	EPA 353.2	176835		
70145290009	MW-70S	EPA 353.2	176835		
70145290010	MW-70D	EPA 353.2	176835		
70145290011	DUP X	EPA 353.2	176835		

REPORT OF LABORATORY ANALYSIS

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December 17, 2020

Corinne Steinmuller
Barton and Loguidice
10 Airline Drive Suite 200
Albany,

RE: Project: ALCO QUARTERLY GW 11/19
Pace Project No.: 70154151

Dear Corinne Steinmuller:

Enclosed are the analytical results for sample(s) received by the laboratory on November 20, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

Some analyses were subcontracted outside of the Pace Network. The test report from the external subcontractor is attached to this report in its entirety.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

Revision 1: Report re-issued for updated metals.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sophia Sparkes
sophia.sparkes@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L
Nicholas Despart, Barton and Loguidice-Albany



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158

Pennsylvania Certification #: 68-00350

Connecticut Certification #: PH-0435

Maryland Certification #: 208

Rhode Island Certification #: LAO00340

Massachusetts Certification #: M-NY026

New Hampshire Certification #: 2987

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-62		Lab ID: 70154151001	Collected: 11/19/20 11:03	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Ca Hardness as CaCO ₃ (SM 2340B)	405000	ug/L	500	1	12/02/20 11:10	12/03/20 10:41		
Calcium	162000	ug/L	200	1	12/02/20 11:10	12/03/20 10:41	7440-70-2	
Hardness, Magnesium	81500	ug/L	830	1	12/02/20 11:10	12/03/20 10:41		N3
Magnesium	19800	ug/L	200	1	12/02/20 11:10	12/03/20 10:41	7439-95-4	
Potassium	<5000	ug/L	5000	1	12/02/20 11:10	12/03/20 10:41	7440-09-7	
Sodium	100000	ug/L	5000	1	12/02/20 11:10	12/03/20 10:41	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	486000	ug/L	830	1	12/02/20 11:10	12/03/20 10:41		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 12:04	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:04	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 12:04	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:04	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:04	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 12:04	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 12:04	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	87-61-6	L1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:04	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		11/30/20 12:04	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/30/20 12:04	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:04	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:04	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:04	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:04	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/30/20 12:04	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 12:04	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		11/30/20 12:04	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 12:04	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/30/20 12:04	108-10-1	
Acetone	<5.0	ug/L	5.0	1		11/30/20 12:04	67-64-1	IC,L1,v1
Benzene	<1.0	ug/L	1.0	1		11/30/20 12:04	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		11/30/20 12:04	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		11/30/20 12:04	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		11/30/20 12:04	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		11/30/20 12:04	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		11/30/20 12:04	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/30/20 12:04	56-23-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-62		Lab ID: 70154151001		Collected: 11/19/20 11:03		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		11/30/20 12:04	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		11/30/20 12:04	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		11/30/20 12:04	74-87-3	v3	
Dibromochloromethane	<1.0	ug/L	1.0	1		11/30/20 12:04	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		11/30/20 12:04	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/30/20 12:04	75-71-8	v3	
Ethylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/30/20 12:04	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/30/20 12:04	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		11/30/20 12:04	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		11/30/20 12:04	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		11/30/20 12:04	91-20-3		
Styrene	<1.0	ug/L	1.0	1		11/30/20 12:04	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		11/30/20 12:04	127-18-4		
Toluene	<1.0	ug/L	1.0	1		11/30/20 12:04	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		11/30/20 12:04	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		11/30/20 12:04	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		11/30/20 12:04	108-05-4		
Vinyl chloride	1.9	ug/L	1.0	1		11/30/20 12:04	75-01-4	IH	
Xylene (Total)	<3.0	ug/L	3.0	1		11/30/20 12:04	1330-20-7		
cis-1,2-Dichloroethene	3.7	ug/L	1.0	1		11/30/20 12:04	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 12:04	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		11/30/20 12:04	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		11/30/20 12:04	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/30/20 12:04	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:04	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 12:04	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 12:04	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		11/30/20 12:04	17060-07-0		
4-Bromofluorobenzene (S)	94	%	79-124	1		11/30/20 12:04	460-00-4		
Toluene-d8 (S)	98	%	69-124	1		11/30/20 12:04	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	33.0	mg/L	20.0	10		12/09/20 06:29	16887-00-6		
Sulfate	<50.0	mg/L	50.0	10		12/09/20 06:29	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	0.20	mg/L	0.050	1		11/21/20 01:44	14797-55-8		
Nitrate-Nitrite (as N)	0.24	mg/L	0.050	1		11/21/20 01:44	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-62		Lab ID: 70154151001	Collected: 11/19/20 11:03	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 22:59	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-64D		Lab ID: 70154151002	Collected: 11/19/20 10:28	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Ca Hardness as CaCO ₃ (SM 2340B)	524000	ug/L	500	1	12/02/20 11:10	12/03/20 11:51		
Calcium	210000	ug/L	200	1	12/02/20 11:10	12/03/20 11:51	7440-70-2	
Hardness, Magnesium	132000	ug/L	830	1	12/02/20 11:10	12/03/20 11:51		N3
Magnesium	32000	ug/L	200	1	12/02/20 11:10	12/03/20 11:51	7439-95-4	
Potassium	7550	ug/L	5000	1	12/02/20 11:10	12/03/20 11:51	7440-09-7	
Sodium	265000	ug/L	5000	1	12/02/20 11:10	12/03/20 11:51	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	656000	ug/L	830	1	12/02/20 11:10	12/03/20 11:51		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<5.0	ug/L	5.0	5		11/30/20 11:03	630-20-6	
1,1,1-Trichloroethane	<5.0	ug/L	5.0	5		11/30/20 11:03	71-55-6	
1,1,2,2-Tetrachloroethane	<5.0	ug/L	5.0	5		11/30/20 11:03	79-34-5	
1,1,2-Trichloroethane	<5.0	ug/L	5.0	5		11/30/20 11:03	79-00-5	
1,1-Dichloroethane	<5.0	ug/L	5.0	5		11/30/20 11:03	75-34-3	
1,1-Dichloroethene	<5.0	ug/L	5.0	5		11/30/20 11:03	75-35-4	
1,1-Dichloropropene	<5.0	ug/L	5.0	5		11/30/20 11:03	563-58-6	
1,2,3-Trichlorobenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	87-61-6	L1
1,2,3-Trichloropropane	<5.0	ug/L	5.0	5		11/30/20 11:03	96-18-4	
1,2,4-Trichlorobenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	120-82-1	
1,2,4-Trimethylbenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	95-63-6	
1,2-Dibromo-3-chloropropane	<5.0	ug/L	5.0	5		11/30/20 11:03	96-12-8	
1,2-Dibromoethane (EDB)	<5.0	ug/L	5.0	5		11/30/20 11:03	106-93-4	
1,2-Dichlorobenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	95-50-1	
1,2-Dichloroethane	<5.0	ug/L	5.0	5		11/30/20 11:03	107-06-2	
1,2-Dichloropropane	<5.0	ug/L	5.0	5		11/30/20 11:03	78-87-5	
1,3,5-Trimethylbenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	108-67-8	
1,3-Dichlorobenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	541-73-1	
1,3-Dichloropropane	<5.0	ug/L	5.0	5		11/30/20 11:03	142-28-9	
1,4-Dichlorobenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	106-46-7	
2,2-Dichloropropane	<5.0	ug/L	5.0	5		11/30/20 11:03	594-20-7	v3
2-Butanone (MEK)	<25.0	ug/L	25.0	5		11/30/20 11:03	78-93-3	IL,v3
2-Chlorotoluene	<5.0	ug/L	5.0	5		11/30/20 11:03	95-49-8	
2-Hexanone	<25.0	ug/L	25.0	5		11/30/20 11:03	591-78-6	
4-Chlorotoluene	<5.0	ug/L	5.0	5		11/30/20 11:03	106-43-4	
4-Methyl-2-pentanone (MIBK)	<25.0	ug/L	25.0	5		11/30/20 11:03	108-10-1	
Acetone	<25.0	ug/L	25.0	5		11/30/20 11:03	67-64-1	IC,L1
Benzene	<5.0	ug/L	5.0	5		11/30/20 11:03	71-43-2	
Bromobenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	108-86-1	
Bromochloromethane	<5.0	ug/L	5.0	5		11/30/20 11:03	74-97-5	
Bromodichloromethane	<5.0	ug/L	5.0	5		11/30/20 11:03	75-27-4	
Bromoform	<5.0	ug/L	5.0	5		11/30/20 11:03	75-25-2	
Bromomethane	<5.0	ug/L	5.0	5		11/30/20 11:03	74-83-9	
Carbon disulfide	<5.0	ug/L	5.0	5		11/30/20 11:03	75-15-0	
Carbon tetrachloride	<5.0	ug/L	5.0	5		11/30/20 11:03	56-23-5	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-64D		Lab ID: 70154151002		Collected: 11/19/20 10:28		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chlorobenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	108-90-7		
Chloroethane	<5.0	ug/L	5.0	5		11/30/20 11:03	75-00-3		
Chloroform	<5.0	ug/L	5.0	5		11/30/20 11:03	67-66-3		
Chloromethane	<5.0	ug/L	5.0	5		11/30/20 11:03	74-87-3	v3	
Dibromochloromethane	<5.0	ug/L	5.0	5		11/30/20 11:03	124-48-1		
Dibromomethane	<5.0	ug/L	5.0	5		11/30/20 11:03	74-95-3		
Dichlorodifluoromethane	<5.0	ug/L	5.0	5		11/30/20 11:03	75-71-8	v3	
Ethylbenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	100-41-4		
Hexachloro-1,3-butadiene	<5.0	ug/L	5.0	5		11/30/20 11:03	87-68-3		
Isopropylbenzene (Cumene)	<5.0	ug/L	5.0	5		11/30/20 11:03	98-82-8		
Methyl-tert-butyl ether	<5.0	ug/L	5.0	5		11/30/20 11:03	1634-04-4		
Methylene Chloride	<5.0	ug/L	5.0	5		11/30/20 11:03	75-09-2		
Naphthalene	<5.0	ug/L	5.0	5		11/30/20 11:03	91-20-3		
Styrene	<5.0	ug/L	5.0	5		11/30/20 11:03	100-42-5		
Tetrachloroethene	<5.0	ug/L	5.0	5		11/30/20 11:03	127-18-4		
Toluene	<5.0	ug/L	5.0	5		11/30/20 11:03	108-88-3		
Trichloroethene	148	ug/L	5.0	5		11/30/20 11:03	79-01-6		
Trichlorofluoromethane	<5.0	ug/L	5.0	5		11/30/20 11:03	75-69-4		
Vinyl acetate	<5.0	ug/L	5.0	5		11/30/20 11:03	108-05-4		
Vinyl chloride	44.2	ug/L	5.0	5		11/30/20 11:03	75-01-4	IH	
Xylene (Total)	<15.0	ug/L	15.0	5		11/30/20 11:03	1330-20-7		
cis-1,2-Dichloroethene	405	ug/L	5.0	5		11/30/20 11:03	156-59-2		
cis-1,3-Dichloropropene	<5.0	ug/L	5.0	5		11/30/20 11:03	10061-01-5		
m&p-Xylene	<10.0	ug/L	10.0	5		11/30/20 11:03	179601-23-1		
n-Butylbenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	104-51-8		
n-Propylbenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	103-65-1		
o-Xylene	<5.0	ug/L	5.0	5		11/30/20 11:03	95-47-6		
p-Isopropyltoluene	<5.0	ug/L	5.0	5		11/30/20 11:03	99-87-6		
sec-Butylbenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	135-98-8		
tert-Butylbenzene	<5.0	ug/L	5.0	5		11/30/20 11:03	98-06-6		
trans-1,2-Dichloroethene	10.8	ug/L	5.0	5		11/30/20 11:03	156-60-5		
trans-1,3-Dichloropropene	<5.0	ug/L	5.0	5		11/30/20 11:03	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	5		11/30/20 11:03	17060-07-0		
4-Bromofluorobenzene (S)	93	%	79-124	5		11/30/20 11:03	460-00-4		
Toluene-d8 (S)	98	%	69-124	5		11/30/20 11:03	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	560	mg/L	20.0	10		12/09/20 07:23	16887-00-6		
Sulfate	82.2	mg/L	50.0	10		12/09/20 07:23	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		11/21/20 01:45	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		11/21/20 01:45	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-64D		Lab ID: 70154151002	Collected: 11/19/20 10:28	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 23:00	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-65		Lab ID: 70154151003	Collected: 11/19/20 09:45	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Ca Hardness as CaCO ₃ (SM 2340B)	814000	ug/L	500	1	12/02/20 11:10	12/03/20 12:03		
Calcium	326000	ug/L	200	1	12/02/20 11:10	12/03/20 12:03	7440-70-2	M1
Hardness, Magnesium	315000	ug/L	830	1	12/02/20 11:10	12/03/20 12:03		N3
Magnesium	76600	ug/L	200	1	12/02/20 11:10	12/03/20 12:03	7439-95-4	
Potassium	10300	ug/L	5000	1	12/02/20 11:10	12/03/20 12:03	7440-09-7	
Sodium	587000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:03	7440-23-5	M1
Tot Hardness asCaCO ₃ (SM 2340B)	1130000	ug/L	830	1	12/02/20 11:10	12/03/20 12:03		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<3.0	ug/L	3.0	3		11/30/20 10:44	630-20-6	
1,1,1-Trichloroethane	<3.0	ug/L	3.0	3		11/30/20 10:44	71-55-6	
1,1,2,2-Tetrachloroethane	<3.0	ug/L	3.0	3		11/30/20 10:44	79-34-5	M1
1,1,2-Trichloroethane	<3.0	ug/L	3.0	3		11/30/20 10:44	79-00-5	M1
1,1-Dichloroethane	<3.0	ug/L	3.0	3		11/30/20 10:44	75-34-3	
1,1-Dichloroethene	<3.0	ug/L	3.0	3		11/30/20 10:44	75-35-4	
1,1-Dichloropropene	<3.0	ug/L	3.0	3		11/30/20 10:44	563-58-6	
1,2,3-Trichlorobenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	87-61-6	L1,M0
1,2,3-Trichloropropane	<3.0	ug/L	3.0	3		11/30/20 10:44	96-18-4	M1
1,2,4-Trichlorobenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	120-82-1	M1
1,2,4-Trimethylbenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	95-63-6	
1,2-Dibromo-3-chloropropane	<3.0	ug/L	3.0	3		11/30/20 10:44	96-12-8	M1
1,2-Dibromoethane (EDB)	<3.0	ug/L	3.0	3		11/30/20 10:44	106-93-4	M1
1,2-Dichlorobenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	95-50-1	M1
1,2-Dichloroethane	<3.0	ug/L	3.0	3		11/30/20 10:44	107-06-2	
1,2-Dichloropropane	<3.0	ug/L	3.0	3		11/30/20 10:44	78-87-5	M1
1,3,5-Trimethylbenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	108-67-8	
1,3-Dichlorobenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	541-73-1	M1
1,3-Dichloropropane	<3.0	ug/L	3.0	3		11/30/20 10:44	142-28-9	M1
1,4-Dichlorobenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	106-46-7	
2,2-Dichloropropane	<3.0	ug/L	3.0	3		11/30/20 10:44	594-20-7	v3
2-Butanone (MEK)	<15.0	ug/L	15.0	3		11/30/20 10:44	78-93-3	IL,v3
2-Chlorotoluene	<3.0	ug/L	3.0	3		11/30/20 10:44	95-49-8	M1
2-Hexanone	<15.0	ug/L	15.0	3		11/30/20 10:44	591-78-6	
4-Chlorotoluene	<3.0	ug/L	3.0	3		11/30/20 10:44	106-43-4	M1
4-Methyl-2-pentanone (MIBK)	<15.0	ug/L	15.0	3		11/30/20 10:44	108-10-1	M1
Acetone	<15.0	ug/L	15.0	3		11/30/20 10:44	67-64-1	IC,L1
Benzene	<3.0	ug/L	3.0	3		11/30/20 10:44	71-43-2	
Bromobenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	108-86-1	M1
Bromochloromethane	<3.0	ug/L	3.0	3		11/30/20 10:44	74-97-5	
Bromodichloromethane	<3.0	ug/L	3.0	3		11/30/20 10:44	75-27-4	
Bromoform	<3.0	ug/L	3.0	3		11/30/20 10:44	75-25-2	M1
Bromomethane	<3.0	ug/L	3.0	3		11/30/20 10:44	74-83-9	R1
Carbon disulfide	<3.0	ug/L	3.0	3		11/30/20 10:44	75-15-0	
Carbon tetrachloride	<3.0	ug/L	3.0	3		11/30/20 10:44	56-23-5	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-65		Lab ID: 70154151003		Collected: 11/19/20 09:45		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C								
	Pace Analytical Services - Melville								
Chlorobenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	108-90-7	M1	
Chloroethane	<3.0	ug/L	3.0	3		11/30/20 10:44	75-00-3		
Chloroform	<3.0	ug/L	3.0	3		11/30/20 10:44	67-66-3		
Chloromethane	<3.0	ug/L	3.0	3		11/30/20 10:44	74-87-3	v3	
Dibromochloromethane	<3.0	ug/L	3.0	3		11/30/20 10:44	124-48-1	M1	
Dibromomethane	<3.0	ug/L	3.0	3		11/30/20 10:44	74-95-3	M1	
Dichlorodifluoromethane	<3.0	ug/L	3.0	3		11/30/20 10:44	75-71-8	v3	
Ethylbenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	100-41-4	M1	
Hexachloro-1,3-butadiene	<3.0	ug/L	3.0	3		11/30/20 10:44	87-68-3	M1	
Isopropylbenzene (Cumene)	<3.0	ug/L	3.0	3		11/30/20 10:44	98-82-8		
Methyl-tert-butyl ether	<3.0	ug/L	3.0	3		11/30/20 10:44	1634-04-4		
Methylene Chloride	<3.0	ug/L	3.0	3		11/30/20 10:44	75-09-2		
Naphthalene	<3.0	ug/L	3.0	3		11/30/20 10:44	91-20-3	M1	
Styrene	<3.0	ug/L	3.0	3		11/30/20 10:44	100-42-5		
Tetrachloroethene	96.4	ug/L	3.0	3		11/30/20 10:44	127-18-4		
Toluene	<3.0	ug/L	3.0	3		11/30/20 10:44	108-88-3	M1	
Trichloroethene	67.9	ug/L	3.0	3		11/30/20 10:44	79-01-6	M1	
Trichlorofluoromethane	<3.0	ug/L	3.0	3		11/30/20 10:44	75-69-4		
Vinyl acetate	<3.0	ug/L	3.0	3		11/30/20 10:44	108-05-4		
Vinyl chloride	15.3	ug/L	3.0	3		11/30/20 10:44	75-01-4	IH	
Xylene (Total)	<9.0	ug/L	9.0	3		11/30/20 10:44	1330-20-7	MS	
cis-1,2-Dichloroethene	221	ug/L	3.0	3		11/30/20 10:44	156-59-2	M1	
cis-1,3-Dichloropropene	<3.0	ug/L	3.0	3		11/30/20 10:44	10061-01-5		
m&p-Xylene	<6.0	ug/L	6.0	3		11/30/20 10:44	179601-23-1	M1	
n-Butylbenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	104-51-8	M1	
n-Propylbenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	103-65-1		
o-Xylene	<3.0	ug/L	3.0	3		11/30/20 10:44	95-47-6		
p-Isopropyltoluene	<3.0	ug/L	3.0	3		11/30/20 10:44	99-87-6	M1	
sec-Butylbenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	135-98-8	M1	
tert-Butylbenzene	<3.0	ug/L	3.0	3		11/30/20 10:44	98-06-6	M1	
trans-1,2-Dichloroethene	<3.0	ug/L	3.0	3		11/30/20 10:44	156-60-5		
trans-1,3-Dichloropropene	<3.0	ug/L	3.0	3		11/30/20 10:44	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%	68-153	3		11/30/20 10:44	17060-07-0		
4-Bromofluorobenzene (S)	95	%	79-124	3		11/30/20 10:44	460-00-4		
Toluene-d8 (S)	97	%	69-124	3		11/30/20 10:44	2037-26-5		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0								
	Pace Analytical Services - Melville								
Chloride	1320	mg/L	40.0	20		12/10/20 02:46	16887-00-6		
Sulfate	195	mg/L	100	20		12/10/20 02:46	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
	Pace Analytical Services - Melville								
Nitrate as N	<0.050	mg/L	0.050	1		11/21/20 01:48	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		11/21/20 01:48	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-65		Lab ID: 70154151003	Collected: 11/19/20 09:45	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 23:01	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-67		Lab ID: 70154151004	Collected: 11/19/20 12:08	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Ca Hardness as CaCO ₃ (SM 2340B)	532000	ug/L	500	1	12/02/20 11:10	12/03/20 12:17		
Calcium	213000	ug/L	200	1	12/02/20 11:10	12/03/20 12:17	7440-70-2	
Hardness, Magnesium	168000	ug/L	830	1	12/02/20 11:10	12/03/20 12:17		N3
Magnesium	40700	ug/L	200	1	12/02/20 11:10	12/03/20 12:17	7439-95-4	
Potassium	9330	ug/L	5000	1	12/02/20 11:10	12/03/20 12:17	7440-09-7	
Sodium	475000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:17	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	699000	ug/L	830	1	12/02/20 11:10	12/03/20 12:17		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<25.0	ug/L	25.0	25		11/30/20 11:23	630-20-6	
1,1,1-Trichloroethane	<25.0	ug/L	25.0	25		11/30/20 11:23	71-55-6	
1,1,2,2-Tetrachloroethane	<25.0	ug/L	25.0	25		11/30/20 11:23	79-34-5	
1,1,2-Trichloroethane	<25.0	ug/L	25.0	25		11/30/20 11:23	79-00-5	
1,1-Dichloroethane	<25.0	ug/L	25.0	25		11/30/20 11:23	75-34-3	
1,1-Dichloroethene	<25.0	ug/L	25.0	25		11/30/20 11:23	75-35-4	
1,1-Dichloropropene	<25.0	ug/L	25.0	25		11/30/20 11:23	563-58-6	
1,2,3-Trichlorobenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	87-61-6	L1
1,2,3-Trichloropropane	<25.0	ug/L	25.0	25		11/30/20 11:23	96-18-4	
1,2,4-Trichlorobenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	120-82-1	
1,2,4-Trimethylbenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	95-63-6	
1,2-Dibromo-3-chloropropane	<25.0	ug/L	25.0	25		11/30/20 11:23	96-12-8	
1,2-Dibromoethane (EDB)	<25.0	ug/L	25.0	25		11/30/20 11:23	106-93-4	
1,2-Dichlorobenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	95-50-1	
1,2-Dichloroethane	<25.0	ug/L	25.0	25		11/30/20 11:23	107-06-2	
1,2-Dichloropropane	<25.0	ug/L	25.0	25		11/30/20 11:23	78-87-5	
1,3,5-Trimethylbenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	108-67-8	
1,3-Dichlorobenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	541-73-1	
1,3-Dichloropropane	<25.0	ug/L	25.0	25		11/30/20 11:23	142-28-9	
1,4-Dichlorobenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	106-46-7	
2,2-Dichloropropane	<25.0	ug/L	25.0	25		11/30/20 11:23	594-20-7	v3
2-Butanone (MEK)	<125	ug/L	125	25		11/30/20 11:23	78-93-3	IL,v3
2-Chlorotoluene	<25.0	ug/L	25.0	25		11/30/20 11:23	95-49-8	
2-Hexanone	<125	ug/L	125	25		11/30/20 11:23	591-78-6	
4-Chlorotoluene	<25.0	ug/L	25.0	25		11/30/20 11:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	<125	ug/L	125	25		11/30/20 11:23	108-10-1	
Acetone	<125	ug/L	125	25		11/30/20 11:23	67-64-1	IC,L1
Benzene	<25.0	ug/L	25.0	25		11/30/20 11:23	71-43-2	
Bromobenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	108-86-1	
Bromochloromethane	<25.0	ug/L	25.0	25		11/30/20 11:23	74-97-5	
Bromodichloromethane	<25.0	ug/L	25.0	25		11/30/20 11:23	75-27-4	
Bromoform	<25.0	ug/L	25.0	25		11/30/20 11:23	75-25-2	
Bromomethane	<25.0	ug/L	25.0	25		11/30/20 11:23	74-83-9	
Carbon disulfide	<25.0	ug/L	25.0	25		11/30/20 11:23	75-15-0	
Carbon tetrachloride	<25.0	ug/L	25.0	25		11/30/20 11:23	56-23-5	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-67		Lab ID: 70154151004		Collected: 11/19/20 12:08		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chlorobenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	108-90-7		
Chloroethane	<25.0	ug/L	25.0	25		11/30/20 11:23	75-00-3		
Chloroform	<25.0	ug/L	25.0	25		11/30/20 11:23	67-66-3		
Chloromethane	<25.0	ug/L	25.0	25		11/30/20 11:23	74-87-3	v3	
Dibromochloromethane	<25.0	ug/L	25.0	25		11/30/20 11:23	124-48-1		
Dibromomethane	<25.0	ug/L	25.0	25		11/30/20 11:23	74-95-3		
Dichlorodifluoromethane	<25.0	ug/L	25.0	25		11/30/20 11:23	75-71-8	v3	
Ethylbenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	100-41-4		
Hexachloro-1,3-butadiene	<25.0	ug/L	25.0	25		11/30/20 11:23	87-68-3		
Isopropylbenzene (Cumene)	<25.0	ug/L	25.0	25		11/30/20 11:23	98-82-8		
Methyl-tert-butyl ether	<25.0	ug/L	25.0	25		11/30/20 11:23	1634-04-4		
Methylene Chloride	<25.0	ug/L	25.0	25		11/30/20 11:23	75-09-2		
Naphthalene	<25.0	ug/L	25.0	25		11/30/20 11:23	91-20-3		
Styrene	<25.0	ug/L	25.0	25		11/30/20 11:23	100-42-5		
Tetrachloroethene	35.4	ug/L	25.0	25		11/30/20 11:23	127-18-4		
Toluene	<25.0	ug/L	25.0	25		11/30/20 11:23	108-88-3		
Trichloroethene	110	ug/L	25.0	25		11/30/20 11:23	79-01-6		
Trichlorofluoromethane	<25.0	ug/L	25.0	25		11/30/20 11:23	75-69-4		
Vinyl acetate	<25.0	ug/L	25.0	25		11/30/20 11:23	108-05-4		
Vinyl chloride	318	ug/L	25.0	25		11/30/20 11:23	75-01-4	IH	
Xylene (Total)	<75.0	ug/L	75.0	25		11/30/20 11:23	1330-20-7		
cis-1,2-Dichloroethene	2250	ug/L	25.0	25		11/30/20 11:23	156-59-2		
cis-1,3-Dichloropropene	<25.0	ug/L	25.0	25		11/30/20 11:23	10061-01-5		
m&p-Xylene	<50.0	ug/L	50.0	25		11/30/20 11:23	179601-23-1		
n-Butylbenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	104-51-8		
n-Propylbenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	103-65-1		
o-Xylene	<25.0	ug/L	25.0	25		11/30/20 11:23	95-47-6		
p-Isopropyltoluene	<25.0	ug/L	25.0	25		11/30/20 11:23	99-87-6		
sec-Butylbenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	135-98-8		
tert-Butylbenzene	<25.0	ug/L	25.0	25		11/30/20 11:23	98-06-6		
trans-1,2-Dichloroethene	26.0	ug/L	25.0	25		11/30/20 11:23	156-60-5		
trans-1,3-Dichloropropene	<25.0	ug/L	25.0	25		11/30/20 11:23	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%	68-153	25		11/30/20 11:23	17060-07-0		
4-Bromofluorobenzene (S)	94	%	79-124	25		11/30/20 11:23	460-00-4		
Toluene-d8 (S)	97	%	69-124	25		11/30/20 11:23	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	973	mg/L	200	100		12/09/20 09:52	16887-00-6		
Sulfate	62.4	mg/L	25.0	5		12/09/20 09:12	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		11/21/20 01:52	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		11/21/20 01:52	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-67		Lab ID: 70154151004		Collected: 11/19/20 12:08	Received: 11/20/20 10:45	Matrix: Water		
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 23:05	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-68		Lab ID: 70154151005		Collected: 11/19/20 11:30		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville							
Ca Hardness as CaCO3 (SM 2340B	417000	ug/L	500	1	12/02/20 11:10	12/03/20 12:19			
Calcium	167000	ug/L	200	1	12/02/20 11:10	12/03/20 12:19	7440-70-2		
Hardness, Magnesium	110000	ug/L	830	1	12/02/20 11:10	12/03/20 12:19		N3	
Magnesium	26800	ug/L	200	1	12/02/20 11:10	12/03/20 12:19	7439-95-4		
Potassium	<5000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:19	7440-09-7		
Sodium	110000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:19	7440-23-5		
Tot Hardness asCaCO3 (SM 2340B	527000	ug/L	830	1	12/02/20 11:10	12/03/20 12:19			
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 12:47	630-20-6		
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:47	71-55-6		
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 12:47	79-34-5		
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:47	79-00-5		
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:47	75-34-3		
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 12:47	75-35-4		
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 12:47	563-58-6		
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	87-61-6	L1	
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:47	96-18-4		
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	120-82-1		
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	95-63-6		
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		11/30/20 12:47	96-12-8		
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/30/20 12:47	106-93-4		
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	95-50-1		
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 12:47	107-06-2		
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:47	78-87-5		
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	108-67-8		
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	541-73-1		
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:47	142-28-9		
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	106-46-7		
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 12:47	594-20-7	v3	
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/30/20 12:47	78-93-3	IL,v3	
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 12:47	95-49-8		
2-Hexanone	<5.0	ug/L	5.0	1		11/30/20 12:47	591-78-6		
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 12:47	106-43-4		
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/30/20 12:47	108-10-1		
Acetone	<5.0	ug/L	5.0	1		11/30/20 12:47	67-64-1	IC,L1,v1	
Benzene	<1.0	ug/L	1.0	1		11/30/20 12:47	71-43-2		
Bromobenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	108-86-1		
Bromochloromethane	<1.0	ug/L	1.0	1		11/30/20 12:47	74-97-5		
Bromodichloromethane	<1.0	ug/L	1.0	1		11/30/20 12:47	75-27-4		
Bromoform	<1.0	ug/L	1.0	1		11/30/20 12:47	75-25-2		
Bromomethane	<1.0	ug/L	1.0	1		11/30/20 12:47	74-83-9		
Carbon disulfide	<1.0	ug/L	1.0	1		11/30/20 12:47	75-15-0		
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/30/20 12:47	56-23-5		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-68		Lab ID: 70154151005		Collected: 11/19/20 11:30		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Chlorobenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	108-90-7		
Chloroethane	<1.0	ug/L	1.0	1		11/30/20 12:47	75-00-3		
Chloroform	<1.0	ug/L	1.0	1		11/30/20 12:47	67-66-3		
Chloromethane	<1.0	ug/L	1.0	1		11/30/20 12:47	74-87-3	v3	
Dibromochloromethane	<1.0	ug/L	1.0	1		11/30/20 12:47	124-48-1		
Dibromomethane	<1.0	ug/L	1.0	1		11/30/20 12:47	74-95-3		
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/30/20 12:47	75-71-8	v3	
Ethylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	100-41-4		
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/30/20 12:47	87-68-3		
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/30/20 12:47	98-82-8		
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		11/30/20 12:47	1634-04-4		
Methylene Chloride	<1.0	ug/L	1.0	1		11/30/20 12:47	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		11/30/20 12:47	91-20-3		
Styrene	<1.0	ug/L	1.0	1		11/30/20 12:47	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		11/30/20 12:47	127-18-4		
Toluene	<1.0	ug/L	1.0	1		11/30/20 12:47	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		11/30/20 12:47	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		11/30/20 12:47	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		11/30/20 12:47	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		11/30/20 12:47	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		11/30/20 12:47	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 12:47	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 12:47	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		11/30/20 12:47	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		11/30/20 12:47	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/30/20 12:47	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 12:47	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 12:47	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 12:47	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		11/30/20 12:47	17060-07-0		
4-Bromofluorobenzene (S)	93	%	79-124	1		11/30/20 12:47	460-00-4		
Toluene-d8 (S)	97	%	69-124	1		11/30/20 12:47	2037-26-5		
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville							
Chloride	171	mg/L	10.0	5		12/09/20 10:20	16887-00-6		
Sulfate	<25.0	mg/L	25.0	5		12/09/20 10:20	14808-79-8		
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville							
Nitrate as N	<0.050	mg/L	0.050	1		11/21/20 01:53	14797-55-8		
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		11/21/20 01:53	7727-37-9		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-68		Lab ID: 70154151005	Collected: 11/19/20 11:30	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 23:06	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-70S		Lab ID: 70154151006	Collected: 11/19/20 12:49	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Ca Hardness as CaCO ₃ (SM 2340B)	1490000	ug/L	500	1	12/02/20 11:10	12/03/20 12:21		
Calcium	595000	ug/L	200	1	12/02/20 11:10	12/03/20 12:21	7440-70-2	
Hardness, Magnesium	1130000	ug/L	830	1	12/02/20 11:10	12/03/20 12:21		N3
Iron	134000	ug/L	100	1	12/02/20 11:10	12/03/20 12:21	7439-89-6	
Magnesium	275000	ug/L	200	1	12/02/20 11:10	12/03/20 12:21	7439-95-4	
Potassium	27800	ug/L	5000	1	12/02/20 11:10	12/03/20 12:21	7440-09-7	
Sodium	171000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:21	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	2620000	ug/L	830	1	12/02/20 11:10	12/03/20 12:21		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 13:07	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 13:07	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 13:07	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 13:07	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 13:07	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 13:07	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 13:07	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	87-61-6	L1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/30/20 13:07	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	120-82-1	
1,2,4-Trimethylbenzene	121	ug/L	1.0	1		11/30/20 13:07	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		11/30/20 13:07	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/30/20 13:07	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 13:07	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 13:07	78-87-5	
1,3,5-Trimethylbenzene	1.5	ug/L	1.0	1		11/30/20 13:07	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 13:07	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 13:07	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/30/20 13:07	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 13:07	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		11/30/20 13:07	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 13:07	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/30/20 13:07	108-10-1	
Acetone	720	ug/L	50.0	10		11/30/20 13:47	67-64-1	IC,L1,v1
Benzene	46.5	ug/L	1.0	1		11/30/20 13:07	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		11/30/20 13:07	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		11/30/20 13:07	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		11/30/20 13:07	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		11/30/20 13:07	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		11/30/20 13:07	75-15-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-70S		Lab ID: 70154151006	Collected: 11/19/20 12:49	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/30/20 13:07	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		11/30/20 13:07	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		11/30/20 13:07	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		11/30/20 13:07	74-87-3	v3
Dibromochloromethane	<1.0	ug/L	1.0	1		11/30/20 13:07	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		11/30/20 13:07	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/30/20 13:07	75-71-8	v3
Ethylbenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/30/20 13:07	87-68-3	
Isopropylbenzene (Cumene)	13.6	ug/L	1.0	1		11/30/20 13:07	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		11/30/20 13:07	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		11/30/20 13:07	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		11/30/20 13:07	91-20-3	
Styrene	<1.0	ug/L	1.0	1		11/30/20 13:07	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		11/30/20 13:07	127-18-4	
Toluene	1.4	ug/L	1.0	1		11/30/20 13:07	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		11/30/20 13:07	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		11/30/20 13:07	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		11/30/20 13:07	108-05-4	
Vinyl chloride	2.0	ug/L	1.0	1		11/30/20 13:07	75-01-4	IH
Xylene (Total)	8.7	ug/L	3.0	1		11/30/20 13:07	1330-20-7	
cis-1,2-Dichloroethene	2.5	ug/L	1.0	1		11/30/20 13:07	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 13:07	10061-01-5	
m&p-Xylene	2.9	ug/L	2.0	1		11/30/20 13:07	179601-23-1	
n-Butylbenzene	2.3	ug/L	1.0	1		11/30/20 13:07	104-51-8	
n-Propylbenzene	19.8	ug/L	1.0	1		11/30/20 13:07	103-65-1	
o-Xylene	5.8	ug/L	1.0	1		11/30/20 13:07	95-47-6	
p-Isopropyltoluene	1.8	ug/L	1.0	1		11/30/20 13:07	99-87-6	
sec-Butylbenzene	2.5	ug/L	1.0	1		11/30/20 13:07	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 13:07	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 13:07	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 13:07	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	68-153	1		11/30/20 13:07	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		11/30/20 13:07	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		11/30/20 13:07	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville						
Chloride	443	mg/L	20.0	10		12/09/20 10:33	16887-00-6	
Sulfate	<50.0	mg/L	50.0	10		12/09/20 10:33	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	<0.050	mg/L	0.050	1		11/21/20 01:54	14797-55-8	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-70S		Lab ID: 70154151006		Collected: 11/19/20 12:49		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
	Pace Analytical Services - Melville								
Nitrate-Nitrite (as N)	<0.050	mg/L	0.050	1		11/21/20 01:54	7727-37-9		
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2								
	Pace Analytical Services - Melville								
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 23:07	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-70D		Lab ID: 70154151007	Collected: 11/19/20 13:00	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Ca Hardness as CaCO ₃ (SM 2340B)	352000	ug/L	500	1	12/02/20 11:10	12/03/20 12:24		
Calcium	141000	ug/L	200	1	12/02/20 11:10	12/03/20 12:24	7440-70-2	
Hardness, Magnesium	155000	ug/L	830	1	12/02/20 11:10	12/03/20 12:24		N3
Iron	1380	ug/L	100	1	12/02/20 11:10	12/03/20 12:24	7439-89-6	
Magnesium	37600	ug/L	200	1	12/02/20 11:10	12/03/20 12:24	7439-95-4	
Potassium	<5000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:24	7440-09-7	
Sodium	187000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:24	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	507000	ug/L	830	1	12/02/20 11:10	12/03/20 12:24		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 10:23	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:23	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 10:23	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:23	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:23	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:23	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 10:23	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	87-61-6	L1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:23	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		11/30/20 10:23	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/30/20 10:23	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:23	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:23	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:23	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:23	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/30/20 10:23	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 10:23	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		11/30/20 10:23	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 10:23	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/30/20 10:23	108-10-1	
Acetone	<5.0	ug/L	5.0	1		11/30/20 10:23	67-64-1	IC,L1
Benzene	<1.0	ug/L	1.0	1		11/30/20 10:23	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		11/30/20 10:23	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		11/30/20 10:23	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		11/30/20 10:23	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		11/30/20 10:23	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		11/30/20 10:23	75-15-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-70D		Lab ID: 70154151007	Collected: 11/19/20 13:00	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/30/20 10:23	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		11/30/20 10:23	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		11/30/20 10:23	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		11/30/20 10:23	74-87-3	v3
Dibromochloromethane	<1.0	ug/L	1.0	1		11/30/20 10:23	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		11/30/20 10:23	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/30/20 10:23	75-71-8	v3
Ethylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/30/20 10:23	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/30/20 10:23	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		11/30/20 10:23	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		11/30/20 10:23	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		11/30/20 10:23	91-20-3	
Styrene	<1.0	ug/L	1.0	1		11/30/20 10:23	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		11/30/20 10:23	127-18-4	
Toluene	<1.0	ug/L	1.0	1		11/30/20 10:23	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:23	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		11/30/20 10:23	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		11/30/20 10:23	108-05-4	
Vinyl chloride	<1.0	ug/L	1.0	1		11/30/20 10:23	75-01-4	
Xylene (Total)	<3.0	ug/L	3.0	1		11/30/20 10:23	1330-20-7	
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:23	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 10:23	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		11/30/20 10:23	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	104-51-8	
n-Propylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		11/30/20 10:23	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/30/20 10:23	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:23	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:23	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 10:23	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		11/30/20 10:23	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		11/30/20 10:23	460-00-4	
Toluene-d8 (S)	98	%	69-124	1		11/30/20 10:23	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville						
Chloride	393	mg/L	20.0	10		12/09/20 11:14	16887-00-6	
Sulfate	23.4	mg/L	5.0	1		12/09/20 11:00	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.060	mg/L	0.050	1		11/21/20 01:56	14797-55-8	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: MW-70D		Lab ID: 70154151007		Collected: 11/19/20 13:00		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
	Pace Analytical Services - Melville								
Nitrate-Nitrite (as N)	0.063	mg/L	0.050	1		11/21/20 01:56	7727-37-9		
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2								
	Pace Analytical Services - Melville								
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 23:08	14797-65-0		

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: DUP X		Lab ID: 70154151008	Collected: 11/19/20 00:00	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7 Pace Analytical Services - Melville						
Ca Hardness as CaCO ₃ (SM 2340B)	402000	ug/L	500	1	12/02/20 11:10	12/03/20 12:26		
Calcium	161000	ug/L	200	1	12/02/20 11:10	12/03/20 12:26	7440-70-2	
Hardness, Magnesium	80700	ug/L	830	1	12/02/20 11:10	12/03/20 12:26		N3
Magnesium	19600	ug/L	200	1	12/02/20 11:10	12/03/20 12:26	7439-95-4	
Potassium	<5000	ug/L	5000	1	12/02/20 11:10	12/03/20 12:26	7440-09-7	
Sodium	98700	ug/L	5000	1	12/02/20 11:10	12/03/20 12:26	7440-23-5	
Tot Hardness asCaCO ₃ (SM 2340B)	483000	ug/L	830	1	12/02/20 11:10	12/03/20 12:26		
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 11:42	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 11:42	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 11:42	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 11:42	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 11:42	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 11:42	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 11:42	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	87-61-6	L1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/30/20 11:42	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		11/30/20 11:42	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/30/20 11:42	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 11:42	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 11:42	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 11:42	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 11:42	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/30/20 11:42	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 11:42	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		11/30/20 11:42	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 11:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/30/20 11:42	108-10-1	
Acetone	<5.0	ug/L	5.0	1		11/30/20 11:42	67-64-1	IC,L1,v1
Benzene	<1.0	ug/L	1.0	1		11/30/20 11:42	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		11/30/20 11:42	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		11/30/20 11:42	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		11/30/20 11:42	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		11/30/20 11:42	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		11/30/20 11:42	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/30/20 11:42	56-23-5	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: DUP X		Lab ID: 70154151008	Collected: 11/19/20 00:00	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
Chlorobenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		11/30/20 11:42	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		11/30/20 11:42	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		11/30/20 11:42	74-87-3	v3
Dibromochloromethane	<1.0	ug/L	1.0	1		11/30/20 11:42	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		11/30/20 11:42	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/30/20 11:42	75-71-8	v3
Ethylbenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/30/20 11:42	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/30/20 11:42	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		11/30/20 11:42	1634-04-4	
Methylene Chloride	<1.0	ug/L	1.0	1		11/30/20 11:42	75-09-2	
Naphthalene	<1.0	ug/L	1.0	1		11/30/20 11:42	91-20-3	
Styrene	<1.0	ug/L	1.0	1		11/30/20 11:42	100-42-5	
Tetrachloroethene	<1.0	ug/L	1.0	1		11/30/20 11:42	127-18-4	
Toluene	<1.0	ug/L	1.0	1		11/30/20 11:42	108-88-3	
Trichloroethene	<1.0	ug/L	1.0	1		11/30/20 11:42	79-01-6	
Trichlorofluoromethane	<1.0	ug/L	1.0	1		11/30/20 11:42	75-69-4	
Vinyl acetate	<1.0	ug/L	1.0	1		11/30/20 11:42	108-05-4	
Vinyl chloride	1.9	ug/L	1.0	1		11/30/20 11:42	75-01-4	IH
Xylene (Total)	<3.0	ug/L	3.0	1		11/30/20 11:42	1330-20-7	
cis-1,2-Dichloroethene	3.7	ug/L	1.0	1		11/30/20 11:42	156-59-2	
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 11:42	10061-01-5	
m&p-Xylene	<2.0	ug/L	2.0	1		11/30/20 11:42	179601-23-1	
n-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	104-51-8	
n-Propylbenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	103-65-1	
o-Xylene	<1.0	ug/L	1.0	1		11/30/20 11:42	95-47-6	
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/30/20 11:42	99-87-6	
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	135-98-8	
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 11:42	98-06-6	
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 11:42	156-60-5	
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 11:42	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		11/30/20 11:42	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		11/30/20 11:42	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		11/30/20 11:42	2037-26-5	
300.0 IC Anions 28 Days		Analytical Method: EPA 300.0 Pace Analytical Services - Melville						
Chloride	33.0	mg/L	20.0	10		12/08/20 13:58	16887-00-6	
Sulfate	<50.0	mg/L	50.0	10		12/08/20 13:58	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrate as N	0.13	mg/L	0.050	1		11/21/20 01:57	14797-55-8	
Nitrate-Nitrite (as N)	0.16	mg/L	0.050	1		11/21/20 01:57	7727-37-9	H1

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: DUP X		Lab ID: 70154151008	Collected: 11/19/20 00:00	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2		Analytical Method: EPA 353.2 Pace Analytical Services - Melville						
Nitrite as N	<0.050	mg/L	0.050	1		11/20/20 23:09	14797-65-0	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: TRIP BLANK		Lab ID: 70154151009	Collected: 11/19/20 12:49	Received: 11/20/20 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville						
1,1,1,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 10:04	630-20-6	
1,1,1-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:04	71-55-6	
1,1,2,2-Tetrachloroethane	<1.0	ug/L	1.0	1		11/30/20 10:04	79-34-5	
1,1,2-Trichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:04	79-00-5	
1,1-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:04	75-34-3	
1,1-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:04	75-35-4	
1,1-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 10:04	563-58-6	
1,2,3-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	87-61-6	L1
1,2,3-Trichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:04	96-18-4	
1,2,4-Trichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	120-82-1	
1,2,4-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	95-63-6	
1,2-Dibromo-3-chloropropane	<1.0	ug/L	1.0	1		11/30/20 10:04	96-12-8	
1,2-Dibromoethane (EDB)	<1.0	ug/L	1.0	1		11/30/20 10:04	106-93-4	
1,2-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	95-50-1	
1,2-Dichloroethane	<1.0	ug/L	1.0	1		11/30/20 10:04	107-06-2	
1,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:04	78-87-5	
1,3,5-Trimethylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	108-67-8	
1,3-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	541-73-1	
1,3-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:04	142-28-9	
1,4-Dichlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	106-46-7	
2,2-Dichloropropane	<1.0	ug/L	1.0	1		11/30/20 10:04	594-20-7	v3
2-Butanone (MEK)	<5.0	ug/L	5.0	1		11/30/20 10:04	78-93-3	IL,v3
2-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 10:04	95-49-8	
2-Hexanone	<5.0	ug/L	5.0	1		11/30/20 10:04	591-78-6	
4-Chlorotoluene	<1.0	ug/L	1.0	1		11/30/20 10:04	106-43-4	
4-Methyl-2-pentanone (MIBK)	<5.0	ug/L	5.0	1		11/30/20 10:04	108-10-1	
Acetone	<5.0	ug/L	5.0	1		11/30/20 10:04	67-64-1	IC,L1,v1
Benzene	<1.0	ug/L	1.0	1		11/30/20 10:04	71-43-2	
Bromobenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	108-86-1	
Bromochloromethane	<1.0	ug/L	1.0	1		11/30/20 10:04	74-97-5	
Bromodichloromethane	<1.0	ug/L	1.0	1		11/30/20 10:04	75-27-4	
Bromoform	<1.0	ug/L	1.0	1		11/30/20 10:04	75-25-2	
Bromomethane	<1.0	ug/L	1.0	1		11/30/20 10:04	74-83-9	
Carbon disulfide	<1.0	ug/L	1.0	1		11/30/20 10:04	75-15-0	
Carbon tetrachloride	<1.0	ug/L	1.0	1		11/30/20 10:04	56-23-5	
Chlorobenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	108-90-7	
Chloroethane	<1.0	ug/L	1.0	1		11/30/20 10:04	75-00-3	
Chloroform	<1.0	ug/L	1.0	1		11/30/20 10:04	67-66-3	
Chloromethane	<1.0	ug/L	1.0	1		11/30/20 10:04	74-87-3	v3
Dibromochloromethane	<1.0	ug/L	1.0	1		11/30/20 10:04	124-48-1	
Dibromomethane	<1.0	ug/L	1.0	1		11/30/20 10:04	74-95-3	
Dichlorodifluoromethane	<1.0	ug/L	1.0	1		11/30/20 10:04	75-71-8	v3
Ethylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	100-41-4	
Hexachloro-1,3-butadiene	<1.0	ug/L	1.0	1		11/30/20 10:04	87-68-3	
Isopropylbenzene (Cumene)	<1.0	ug/L	1.0	1		11/30/20 10:04	98-82-8	
Methyl-tert-butyl ether	<1.0	ug/L	1.0	1		11/30/20 10:04	1634-04-4	

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ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Sample: TRIP BLANK		Lab ID: 70154151009		Collected: 11/19/20 12:49		Received: 11/20/20 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260C Volatile Organics		Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
Methylene Chloride	<1.0	ug/L	1.0	1		11/30/20 10:04	75-09-2		
Naphthalene	<1.0	ug/L	1.0	1		11/30/20 10:04	91-20-3		
Styrene	<1.0	ug/L	1.0	1		11/30/20 10:04	100-42-5		
Tetrachloroethene	<1.0	ug/L	1.0	1		11/30/20 10:04	127-18-4		
Toluene	<1.0	ug/L	1.0	1		11/30/20 10:04	108-88-3		
Trichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:04	79-01-6		
Trichlorofluoromethane	<1.0	ug/L	1.0	1		11/30/20 10:04	75-69-4		
Vinyl acetate	<1.0	ug/L	1.0	1		11/30/20 10:04	108-05-4		
Vinyl chloride	<1.0	ug/L	1.0	1		11/30/20 10:04	75-01-4		
Xylene (Total)	<3.0	ug/L	3.0	1		11/30/20 10:04	1330-20-7		
cis-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:04	156-59-2		
cis-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 10:04	10061-01-5		
m&p-Xylene	<2.0	ug/L	2.0	1		11/30/20 10:04	179601-23-1		
n-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	104-51-8		
n-Propylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	103-65-1		
o-Xylene	<1.0	ug/L	1.0	1		11/30/20 10:04	95-47-6		
p-Isopropyltoluene	<1.0	ug/L	1.0	1		11/30/20 10:04	99-87-6		
sec-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	135-98-8		
tert-Butylbenzene	<1.0	ug/L	1.0	1		11/30/20 10:04	98-06-6		
trans-1,2-Dichloroethene	<1.0	ug/L	1.0	1		11/30/20 10:04	156-60-5		
trans-1,3-Dichloropropene	<1.0	ug/L	1.0	1		11/30/20 10:04	10061-02-6		
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%	68-153	1		11/30/20 10:04	17060-07-0		
4-Bromofluorobenzene (S)	93	%	79-124	1		11/30/20 10:04	460-00-4		
Toluene-d8 (S)	97	%	69-124	1		11/30/20 10:04	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19
Pace Project No.: 70154151

QC Batch:	187906	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70154151001

METHOD BLANK: 921613 Matrix: Water

Associated Lab Samples: 70154151001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	<500	500	12/03/20 11:10	
Calcium	ug/L	<200	200	12/03/20 11:10	
Hardness, Magnesium	ug/L	<830	830	12/03/20 11:10	N3
Magnesium	ug/L	<200	200	12/03/20 11:10	
Potassium	ug/L	<5000	5000	12/03/20 11:10	
Sodium	ug/L	<5000	5000	12/03/20 11:10	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	<830	830	12/03/20 11:10	

LABORATORY CONTROL SAMPLE: 921614

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L		61900			
Calcium	ug/L	25000	24800	99	85-115	
Hardness, Magnesium	ug/L		100000			N3
Magnesium	ug/L	25000	24400	98	85-115	
Potassium	ug/L	50000	49200	98	85-115	
Sodium	ug/L	50000	48800	98	85-115	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L		162000			

MATRIX SPIKE SAMPLE: 921616

Parameter	Units	70154057001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	16500		79900			
Calcium	ug/L	6620	25000	32000	102	70-130	
Hardness, Magnesium	ug/L	4980		110000			N3
Magnesium	ug/L	1210	25000	26600	102	70-130	
Potassium	ug/L	<5000	50000	52300	103	70-130	
Sodium	ug/L	<5000	50000	54700	101	70-130	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	21500		189000			

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

MATRIX SPIKE SAMPLE: 921618		70154057002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B)	ug/L	15700		80400			
Calcium	ug/L	6290	25000	32200	104	70-130	
Hardness, Magnesium	ug/L	4780		110000			N3
Magnesium	ug/L	1160	25000	26800	103	70-130	
Potassium	ug/L	<5000	50000	52400	103	70-130	
Sodium	ug/L	<5000	50000	55200	102	70-130	
Tot Hardness asCaCO ₃ (SM 2340B)	ug/L	20500		191000			

SAMPLE DUPLICATE: 921615

Parameter	Units	70154057001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B)	ug/L	16500	16400	1	
Calcium	ug/L	6620	6580	1	
Hardness, Magnesium	ug/L	4980	4940	1	N3
Magnesium	ug/L	1210	1200	1	
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	<5000	<5000		
Tot Hardness asCaCO ₃ (SM 2340B)	ug/L	21500	21400	1	

SAMPLE DUPLICATE: 921617

Parameter	Units	70154057002 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B)	ug/L	15700	15800	0	
Calcium	ug/L	6290	6310	0	
Hardness, Magnesium	ug/L	4780	4780	0	N3
Magnesium	ug/L	1160	1160	0	
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	<5000	<5000		
Tot Hardness asCaCO ₃ (SM 2340B)	ug/L	20500	20500	0	

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

QC Batch:	187907	Analysis Method:	EPA 200.7
QC Batch Method:	EPA 200.7	Analysis Description:	200.7 Metals, Total
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008

METHOD BLANK: 921619

Matrix: Water

Associated Lab Samples: 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<500	500	12/03/20 11:46	
Calcium	ug/L	<200	200	12/03/20 11:46	
Hardness, Magnesium	ug/L	<830	830	12/03/20 11:46	N3
Iron	ug/L	<100	100	12/03/20 11:46	
Magnesium	ug/L	<200	200	12/03/20 11:46	
Potassium	ug/L	<5000	5000	12/03/20 11:46	
Sodium	ug/L	<5000	5000	12/03/20 11:46	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<830	830	12/03/20 11:46	

LABORATORY CONTROL SAMPLE: 921620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		63400			
Calcium	ug/L	25000	25400	102	85-115	
Hardness, Magnesium	ug/L		103000			N3
Iron	ug/L	2000	2030	101	85-115	
Magnesium	ug/L	25000	25100	100	85-115	
Potassium	ug/L	50000	50400	101	85-115	
Sodium	ug/L	50000	49900	100	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		167000			

MATRIX SPIKE SAMPLE: 921622

Parameter	Units	70154151002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	524000		577000			
Calcium	ug/L	210000	25000	231000	84	70-130	
Hardness, Magnesium	ug/L	132000		233000			N3
Iron	ug/L	36500	2000	38000	77	70-130	
Magnesium	ug/L	32000	25000	56600	98	70-130	
Potassium	ug/L	7550	50000	64200	113	70-130	
Sodium	ug/L	265000	50000	313000	96	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	656000		810000			

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

MATRIX SPIKE SAMPLE: 921624		70154151003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	814000		836000			
Calcium	ug/L	326000	25000	335000	36	70-130	M1
Hardness, Magnesium	ug/L	315000		406000			N3
Iron	ug/L	7400	2000	9090	84	70-130	
Magnesium	ug/L	76600	25000	98700	88	70-130	
Potassium	ug/L	10300	50000	71400	122	70-130	
Sodium	ug/L	587000	50000	612000	50	70-130	M1
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	1130000		1240000			

SAMPLE DUPLICATE: 921621

Parameter	Units	70154151002	Dup	RPD	Qualifiers
		Result	Result		
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	524000	532000	1	
Calcium	ug/L	210000	213000	1	
Hardness, Magnesium	ug/L	132000	133000	1	N3
Iron	ug/L	36500	36700	1	
Magnesium	ug/L	32000	32400	1	
Potassium	ug/L	7550	7640	1	
Sodium	ug/L	265000	268000	1	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	656000	665000	1	

SAMPLE DUPLICATE: 921623

Parameter	Units	70154151003	Dup	RPD	Qualifiers
		Result	Result		
Ca Hardness as CaCO ₃ (SM 2340B	ug/L	814000	807000	1	
Calcium	ug/L	326000	323000	1	
Hardness, Magnesium	ug/L	315000	313000	1	N3
Iron	ug/L	7400	7280	2	
Magnesium	ug/L	76600	75900	1	
Potassium	ug/L	10300	10200	1	
Sodium	ug/L	587000	582000	1	
Tot Hardness asCaCO ₃ (SM 2340B	ug/L	1130000	1120000	1	

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

QC Batch:	187489	Analysis Method:	EPA 8260C/5030C
QC Batch Method:	EPA 8260C/5030C	Analysis Description:	8260 MSV
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008, 70154151009		

METHOD BLANK: 919795

Matrix: Water

Associated Lab Samples: 70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008, 70154151009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	11/30/20 08:35	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	11/30/20 08:35	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	11/30/20 08:35	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	11/30/20 08:35	
1,1-Dichloroethane	ug/L	<1.0	1.0	11/30/20 08:35	
1,1-Dichloroethene	ug/L	<1.0	1.0	11/30/20 08:35	
1,1-Dichloropropene	ug/L	<1.0	1.0	11/30/20 08:35	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	11/30/20 08:35	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	11/30/20 08:35	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	11/30/20 08:35	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	11/30/20 08:35	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	11/30/20 08:35	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	11/30/20 08:35	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	11/30/20 08:35	
1,2-Dichloroethane	ug/L	<1.0	1.0	11/30/20 08:35	
1,2-Dichloropropane	ug/L	<1.0	1.0	11/30/20 08:35	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	11/30/20 08:35	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	11/30/20 08:35	
1,3-Dichloropropane	ug/L	<1.0	1.0	11/30/20 08:35	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	11/30/20 08:35	
2,2-Dichloropropane	ug/L	<1.0	1.0	11/30/20 08:35	v3
2-Butanone (MEK)	ug/L	<5.0	5.0	11/30/20 08:35	IL,v3
2-Chlorotoluene	ug/L	<1.0	1.0	11/30/20 08:35	
2-Hexanone	ug/L	<5.0	5.0	11/30/20 08:35	
4-Chlorotoluene	ug/L	<1.0	1.0	11/30/20 08:35	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	11/30/20 08:35	
Acetone	ug/L	<5.0	5.0	11/30/20 08:35	IC
Benzene	ug/L	<1.0	1.0	11/30/20 08:35	
Bromobenzene	ug/L	<1.0	1.0	11/30/20 08:35	
Bromochloromethane	ug/L	<1.0	1.0	11/30/20 08:35	
Bromodichloromethane	ug/L	<1.0	1.0	11/30/20 08:35	
Bromoform	ug/L	<1.0	1.0	11/30/20 08:35	
Bromomethane	ug/L	<1.0	1.0	11/30/20 08:35	
Carbon disulfide	ug/L	<1.0	1.0	11/30/20 08:35	
Carbon tetrachloride	ug/L	<1.0	1.0	11/30/20 08:35	
Chlorobenzene	ug/L	<1.0	1.0	11/30/20 08:35	
Chloroethane	ug/L	<1.0	1.0	11/30/20 08:35	
Chloroform	ug/L	<1.0	1.0	11/30/20 08:35	
Chloromethane	ug/L	<1.0	1.0	11/30/20 08:35	v3

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

METHOD BLANK: 919795

Matrix: Water

Associated Lab Samples: 70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008, 70154151009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	11/30/20 08:35	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	11/30/20 08:35	
Dibromochloromethane	ug/L	<1.0	1.0	11/30/20 08:35	
Dibromomethane	ug/L	<1.0	1.0	11/30/20 08:35	
Dichlorodifluoromethane	ug/L	<1.0	1.0	11/30/20 08:35	v3
Ethylbenzene	ug/L	<1.0	1.0	11/30/20 08:35	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	11/30/20 08:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	11/30/20 08:35	
m&p-Xylene	ug/L	<2.0	2.0	11/30/20 08:35	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	11/30/20 08:35	
Methylene Chloride	ug/L	<1.0	1.0	11/30/20 08:35	
n-Butylbenzene	ug/L	<1.0	1.0	11/30/20 08:35	
n-Propylbenzene	ug/L	<1.0	1.0	11/30/20 08:35	
Naphthalene	ug/L	<1.0	1.0	11/30/20 08:35	
o-Xylene	ug/L	<1.0	1.0	11/30/20 08:35	
p-Isopropyltoluene	ug/L	<1.0	1.0	11/30/20 08:35	
sec-Butylbenzene	ug/L	<1.0	1.0	11/30/20 08:35	
Styrene	ug/L	<1.0	1.0	11/30/20 08:35	
tert-Butylbenzene	ug/L	<1.0	1.0	11/30/20 08:35	
Tetrachloroethene	ug/L	<1.0	1.0	11/30/20 08:35	
Toluene	ug/L	<1.0	1.0	11/30/20 08:35	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	11/30/20 08:35	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	11/30/20 08:35	
Trichloroethene	ug/L	<1.0	1.0	11/30/20 08:35	
Trichlorofluoromethane	ug/L	<1.0	1.0	11/30/20 08:35	
Vinyl acetate	ug/L	<1.0	1.0	11/30/20 08:35	
Vinyl chloride	ug/L	<1.0	1.0	11/30/20 08:35	
Xylene (Total)	ug/L	<3.0	3.0	11/30/20 08:35	
1,2-Dichloroethane-d4 (S)	%	100	68-153	11/30/20 08:35	
4-Bromofluorobenzene (S)	%	91	79-124	11/30/20 08:35	
Toluene-d8 (S)	%	97	69-124	11/30/20 08:35	

LABORATORY CONTROL SAMPLE: 919796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.3	99	74-113	
1,1,1-Trichloroethane	ug/L	50	44.1	88	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	57.3	115	74-121	
1,1,2-Trichloroethane	ug/L	50	54.7	109	80-117	
1,1-Dichloroethane	ug/L	50	52.4	105	83-151	
1,1-Dichloroethene	ug/L	50	45.0	90	45-146	
1,1-Dichloropropene	ug/L	50	51.5	103	59-127	
1,2,3-Trichlorobenzene	ug/L	50	56.7	113	67-103	L1

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

LABORATORY CONTROL SAMPLE: 919796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	54.1	108	71-123	
1,2,4-Trichlorobenzene	ug/L	50	56.0	112	66-116	
1,2,4-Trimethylbenzene	ug/L	50	48.4	97	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	54.2	108	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	52.5	105	83-115	
1,2-Dichlorobenzene	ug/L	50	51.7	103	74-113	
1,2-Dichloroethane	ug/L	50	54.3	109	74-129	
1,2-Dichloropropane	ug/L	50	54.3	109	75-117	
1,3,5-Trimethylbenzene	ug/L	50	48.1	96	67-116	
1,3-Dichlorobenzene	ug/L	50	51.0	102	71-112	
1,3-Dichloropropane	ug/L	50	55.9	112	74-112	
1,4-Dichlorobenzene	ug/L	50	50.7	101	71-113	
2,2-Dichloropropane	ug/L	50	34.2	68	63-133 v3	
2-Butanone (MEK)	ug/L	50	39.4	79	44-162 IL,v3	
2-Chlorotoluene	ug/L	50	47.5	95	74-101	
2-Hexanone	ug/L	50	62.1	124	32-183	
4-Chlorotoluene	ug/L	50	47.7	95	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	65.7	131	69-132	
Acetone	ug/L	50	98.3	197	23-188 IC,L1,v1	
Benzene	ug/L	50	51.4	103	73-119	
Bromobenzene	ug/L	50	49.3	99	72-102	
Bromochloromethane	ug/L	50	48.5	97	81-116	
Bromodichloromethane	ug/L	50	51.0	102	78-117	
Bromoform	ug/L	50	59.3	119	65-122	
Bromomethane	ug/L	50	51.6	103	52-147 IH	
Carbon disulfide	ug/L	50	44.6	89	41-144	
Carbon tetrachloride	ug/L	50	48.0	96	59-120	
Chlorobenzene	ug/L	50	52.4	105	75-113	
Chloroethane	ug/L	50	48.5	97	49-151	
Chloroform	ug/L	50	51.3	103	72-122	
Chloromethane	ug/L	50	33.5	67	46-144 v3	
cis-1,2-Dichloroethene	ug/L	50	51.4	103	72-121	
cis-1,3-Dichloropropene	ug/L	50	47.0	94	78-116	
Dibromochloromethane	ug/L	50	53.9	108	70-120	
Dibromomethane	ug/L	50	55.3	111	75-125	
Dichlorodifluoromethane	ug/L	50	13.3	27	22-154 v3	
Ethylbenzene	ug/L	50	51.0	102	70-113	
Hexachloro-1,3-butadiene	ug/L	50	56.7	113	59-121	
Isopropylbenzene (Cumene)	ug/L	50	47.2	94	67-115	
m&p-Xylene	ug/L	100	102	102	72-115	
Methyl-tert-butyl ether	ug/L	50	49.7	99	72-131	
Methylene Chloride	ug/L	50	51.0	102	61-142	
n-Butylbenzene	ug/L	50	51.0	102	73-107	
n-Propylbenzene	ug/L	50	49.1	98	68-116	
Naphthalene	ug/L	50	55.4	111	70-118	
o-Xylene	ug/L	50	50.3	101	73-117	
p-Isopropyltoluene	ug/L	50	48.7	97	73-101	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

LABORATORY CONTROL SAMPLE: 919796

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
sec-Butylbenzene	ug/L	50	49.6	99	72-103	
Styrene	ug/L	50	49.6	99	72-118	
tert-Butylbenzene	ug/L	50	49.0	98	68-100	
Tetrachloroethene	ug/L	50	50.8	102	60-128	
Toluene	ug/L	50	51.9	104	72-119	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	56-142	
trans-1,3-Dichloropropene	ug/L	50	43.5	87	79-116	
Trichloroethene	ug/L	50	50.8	102	69-117	
Trichlorofluoromethane	ug/L	50	45.9	92	27-173	
Vinyl acetate	ug/L	50	46.3	93	20-158	
Vinyl chloride	ug/L	50	47.7	95	43-143	IH
Xylene (Total)	ug/L	150	152	101	71-109	
1,2-Dichloroethane-d4 (S)	%			100	68-153	
4-Bromofluorobenzene (S)	%			95	79-124	
Toluene-d8 (S)	%			98	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 919855 919856

Parameter	Units	70154151003		MS		MSD		MS		MSD		% Rec		RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limit	Limit	% Rec	Limit	Limit		
1,1,1,2-Tetrachloroethane	ug/L	<3.0	150	150	154	168	103	112	74-113	9					
1,1,1-Trichloroethane	ug/L	<3.0	150	150	143	153	96	102	65-118	6					
1,1,2,2-Tetrachloroethane	ug/L	<3.0	150	150	184	203	122	136	74-121	10	M1				
1,1,2-Trichloroethane	ug/L	<3.0	150	150	178	197	119	131	80-117	10	M1				
1,1-Dichloroethane	ug/L	<3.0	150	150	171	178	114	119	83-151	4					
1,1-Dichloroethene	ug/L	<3.0	150	150	157	163	105	109	45-146	4					
1,1-Dichloropropene	ug/L	<3.0	150	150	170	182	113	121	59-127	7					
1,2,3-Trichlorobenzene	ug/L	<3.0	150	150	182	209	121	139	67-103	14	M0				
1,2,3-Trichloropropane	ug/L	<3.0	150	150	168	185	112	124	71-123	10	M1				
1,2,4-Trichlorobenzene	ug/L	<3.0	150	150	171	192	114	128	66-116	11	M1				
1,2,4-Trimethylbenzene	ug/L	<3.0	150	150	149	160	99	106	68-116	7					
1,2-Dibromo-3-chloropropane	ug/L	<3.0	150	150	178	204	118	136	74-119	14	M1				
1,2-Dibromoethane (EDB)	ug/L	<3.0	150	150	169	186	113	124	83-115	9	M1				
1,2-Dichlorobenzene	ug/L	<3.0	150	150	159	174	106	116	74-113	9	M1				
1,2-Dichloroethane	ug/L	<3.0	150	150	176	185	117	123	74-129	5					
1,2-Dichloropropane	ug/L	<3.0	150	150	172	188	115	125	75-117	9	M1				
1,3,5-Trimethylbenzene	ug/L	<3.0	150	150	149	159	99	106	67-116	7					
1,3-Dichlorobenzene	ug/L	<3.0	150	150	158	169	105	113	71-112	7	M1				
1,3-Dichloropropane	ug/L	<3.0	150	150	181	196	121	130	74-112	8	M1				
1,4-Dichlorobenzene	ug/L	<3.0	150	150	155	170	103	113	71-113	9					
2,2-Dichloropropane	ug/L	<3.0	150	150	110	120	73	80	63-133	9	v3				
2-Butanone (MEK)	ug/L	<15.0	150	150	190	207	127	138	44-162	8	IL,v3				
2-Chlorotoluene	ug/L	<3.0	150	150	148	159	99	106	74-101	8	M1				
2-Hexanone	ug/L	<15.0	150	150	207	231	138	154	32-183	11					
4-Chlorotoluene	ug/L	<3.0	150	150	150	161	100	107	74-101	7	M1				

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:			919855	919856								
Parameter	70154151003		MS	MSD	MS	MSD	MS	MSD	% Rec	Limits	RPD	Qual
	Units	Result	Spike	Spike								
4-Methyl-2-pentanone (MIBK)	ug/L	<15.0	150	150	220	242	147	161	69-132	9	M1	
Acetone	ug/L	<15.0	150	150	263	263	176	175	23-188	0	IC,v1	
Benzene	ug/L	<3.0	150	150	168	178	112	118	73-119	6		
Bromobenzene	ug/L	<3.0	150	150	151	164	101	109	72-102	8	M1	
Bromochloromethane	ug/L	<3.0	150	150	151	158	101	105	81-116	4		
Bromodichloromethane	ug/L	<3.0	150	150	162	174	108	116	78-117	7		
Bromoform	ug/L	<3.0	150	150	189	210	126	140	65-122	10	M1	
Bromomethane	ug/L	<3.0	150	150	149	200	99	133	52-147	29	IH,R1	
Carbon disulfide	ug/L	<3.0	150	150	151	157	101	105	41-144	4		
Carbon tetrachloride	ug/L	<3.0	150	150	151	165	101	110	59-120	8		
Chlorobenzene	ug/L	<3.0	150	150	166	176	110	118	75-113	6	M1	
Chloroethane	ug/L	<3.0	150	150	176	182	118	121	49-151	3		
Chloroform	ug/L	<3.0	150	150	165	175	110	116	72-122	5		
Chloromethane	ug/L	<3.0	150	150	114	125	76	83	46-144	9	v3	
cis-1,2-Dichloroethene	ug/L	221	150	150	399	408	118	125	72-121	2	M1	
cis-1,3-Dichloropropene	ug/L	<3.0	150	150	150	162	100	108	78-116	8		
Dibromochloromethane	ug/L	<3.0	150	150	171	186	114	124	70-120	8	M1	
Dibromomethane	ug/L	<3.0	150	150	181	189	121	126	75-125	5	M1	
Dichlorodifluoromethane	ug/L	<3.0	150	150	62.7	67.0	42	45	22-154	7	v3	
Ethylbenzene	ug/L	<3.0	150	150	163	173	109	116	70-113	6	M1	
Hexachloro-1,3-butadiene	ug/L	<3.0	150	150	177	185	118	123	59-121	4	M1	
Isopropylbenzene (Cumene)	ug/L	<3.0	150	150	148	159	98	106	67-115	8		
m&p-Xylene	ug/L	<6.0	300	300	324	349	108	116	72-115	7	M1	
Methyl-tert-butyl ether	ug/L	<3.0	150	150	158	169	106	112	72-131	6		
Methylene Chloride	ug/L	<3.0	150	150	163	172	109	115	61-142	5		
n-Butylbenzene	ug/L	<3.0	150	150	154	165	103	110	73-107	7	M1	
n-Propylbenzene	ug/L	<3.0	150	150	154	164	103	110	68-116	6		
Naphthalene	ug/L	<3.0	150	150	180	205	120	137	70-118	13	M1	
o-Xylene	ug/L	<3.0	150	150	159	171	106	114	73-117	7		
p-Isopropyltoluene	ug/L	<3.0	150	150	147	158	98	105	73-101	8	M1	
sec-Butylbenzene	ug/L	<3.0	150	150	149	161	100	107	72-103	7	M1	
Styrene	ug/L	<3.0	150	150	159	171	106	114	72-118	7		
tert-Butylbenzene	ug/L	<3.0	150	150	149	159	99	106	68-100	7	M1	
Tetrachloroethene	ug/L	96.4	150	150	269	283	115	125	60-128	5		
Toluene	ug/L	<3.0	150	150	169	180	112	120	72-119	6	M1	
trans-1,2-Dichloroethene	ug/L	<3.0	150	150	162	174	108	116	56-142	7		
trans-1,3-Dichloropropene	ug/L	<3.0	150	150	137	148	92	99	79-116	8		
Trichloroethene	ug/L	67.9	150	150	237	248	113	120	69-117	4	M1	
Trichlorofluoromethane	ug/L	<3.0	150	150	165	171	110	114	27-173	4		
Vinyl acetate	ug/L	<3.0	150	150	166	170	111	113	20-158	2		
Vinyl chloride	ug/L	15.3	150	150	169	171	103	104	43-143	1	IH	
Xylene (Total)	ug/L	<9.0	450	450	483	519	107	115	71-109	7	MS	
1,2-Dichloroethane-d4 (S)	%						100	98	68-153			
4-Bromofluorobenzene (S)	%						94	95	79-124			
Toluene-d8 (S)	%						98	99	69-124			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

QC Batch:	188547	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007

METHOD BLANK: 925459

Matrix: Water

Associated Lab Samples: 70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	12/08/20 23:42	
Sulfate	mg/L	<5.0	5.0	12/08/20 23:42	

LABORATORY CONTROL SAMPLE: 925460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.1	101	90-110	
Sulfate	mg/L	10	10.1	101	90-110	

MATRIX SPIKE SAMPLE: 925461

Parameter	Units	70154462001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	19.9	10	29.8	100	90-110	
Sulfate	mg/L	26.0	10	35.1	91	90-110	

MATRIX SPIKE SAMPLE: 925463

Parameter	Units	70154151003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1320	200	1510	93	90-110	
Sulfate	mg/L	195	200	397	101	90-110	

SAMPLE DUPLICATE: 925462

Parameter	Units	70154462001 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	19.9	20.0	1	
Sulfate	mg/L	26.0	26.1	1	

SAMPLE DUPLICATE: 925464

Parameter	Units	70154151003 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1320	1330	1	
Sulfate	mg/L	195	198	1	

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

QC Batch:	188548	Analysis Method:	EPA 300.0
QC Batch Method:	EPA 300.0	Analysis Description:	300.0 IC Anions
		Laboratory:	Pace Analytical Services - Melville

Associated Lab Samples: 70154151008

METHOD BLANK: 925465 Matrix: Water

Associated Lab Samples: 70154151008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	12/08/20 13:31	
Sulfate	mg/L	<5.0	5.0	12/08/20 13:31	

LABORATORY CONTROL SAMPLE: 925466

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10	100	90-110	
Sulfate	mg/L	10	10	100	90-110	

MATRIX SPIKE SAMPLE: 925467

Parameter	Units	70154161003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	36.6	10	46.5	99	90-110	
Sulfate	mg/L	8.1	10	17.2	91	90-110	

SAMPLE DUPLICATE: 925468

Parameter	Units	70154161003 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	36.6	36.6	0	
Sulfate	mg/L	8.1	8.0	2	

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

QC Batch:	186795	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrite, Unpres.
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008		

METHOD BLANK:	915441	Matrix:	Water
Associated Lab Samples:	70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	ND	0.050	11/20/20 22:49	

LABORATORY CONTROL SAMPLE:	915442					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.0	104	90-110	

MATRIX SPIKE SAMPLE:	915443						
		70154151003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.52	104	90-110	

MATRIX SPIKE SAMPLE:	915445						
		70154233001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.52	104	90-110	

SAMPLE DUPLICATE: 915444

Parameter	Units	70154151003 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 915446					
Parameter	Units	70154233001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

QC Batch:	186797	Analysis Method:	EPA 353.2
QC Batch Method:	EPA 353.2	Analysis Description:	353.2 Nitrate, Unpres.
		Laboratory:	Pace Analytical Services - Melville
Associated Lab Samples:	70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008		

METHOD BLANK:	915453	Matrix:	Water
Associated Lab Samples:	70154151001, 70154151002, 70154151003, 70154151004, 70154151005, 70154151006, 70154151007, 70154151008		

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	ND	0.050	11/21/20 01:32	

LABORATORY CONTROL SAMPLE:	915454					
Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	0.99	99	90-110	

MATRIX SPIKE SAMPLE:	915455						
		70154151003	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.51	101	90-110	

MATRIX SPIKE SAMPLE:	915457						
		70154233001	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.082	0.5	0.59	102	90-110	

SAMPLE DUPLICATE: 915456					
Parameter	Units	70154151003 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 915458					
		70154233001	Dup		
Parameter	Units	Result	Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.082	0.090	9	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

SAMPLE QUALIFIERS

Sample: 70154151001

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151002

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151003

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151004

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151005

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151006

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151007

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151008

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 70154151009

[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

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QUALIFIERS

Project: ALCO QUARTERLY GW 11/19
Pace Project No.: 70154151

SAMPLE QUALIFIERS

Sample: 919795
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 919796
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 919855
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 919856
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

ANALYTE QUALIFIERS

H1	Analysis conducted outside the EPA method holding time.
IC	The initial calibration for this compound was outside of method control limits. The result is estimated.
IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IL	This analyte exceeded secondary source verification criteria low for the initial calibration. The reported results should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MS	Analyte recovery in the matrix spike was outside QC limits for one or more of the constituent analytes used in the calculated result.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW 11/19

Pace Project No.: 70154151

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70154151001	MW-62	EPA 200.7	187906	EPA 200.7	187925
70154151002	MW-64D	EPA 200.7	187907	EPA 200.7	187928
70154151003	MW-65	EPA 200.7	187907	EPA 200.7	187928
70154151004	MW-67	EPA 200.7	187907	EPA 200.7	187928
70154151005	MW-68	EPA 200.7	187907	EPA 200.7	187928
70154151006	MW-70S	EPA 200.7	187907	EPA 200.7	187928
70154151007	MW-70D	EPA 200.7	187907	EPA 200.7	187928
70154151008	DUP X	EPA 200.7	187907	EPA 200.7	187928
70154151001	MW-62	EPA 8260C/5030C	187489		
70154151002	MW-64D	EPA 8260C/5030C	187489		
70154151003	MW-65	EPA 8260C/5030C	187489		
70154151004	MW-67	EPA 8260C/5030C	187489		
70154151005	MW-68	EPA 8260C/5030C	187489		
70154151006	MW-70S	EPA 8260C/5030C	187489		
70154151007	MW-70D	EPA 8260C/5030C	187489		
70154151008	DUP X	EPA 8260C/5030C	187489		
70154151009	TRIP BLANK	EPA 8260C/5030C	187489		
70154151001	MW-62	EPA 300.0	188547		
70154151002	MW-64D	EPA 300.0	188547		
70154151003	MW-65	EPA 300.0	188547		
70154151004	MW-67	EPA 300.0	188547		
70154151005	MW-68	EPA 300.0	188547		
70154151006	MW-70S	EPA 300.0	188547		
70154151007	MW-70D	EPA 300.0	188547		
70154151008	DUP X	EPA 300.0	188548		
70154151001	MW-62	EPA 353.2	186797		
70154151002	MW-64D	EPA 353.2	186797		
70154151003	MW-65	EPA 353.2	186797		
70154151004	MW-67	EPA 353.2	186797		
70154151005	MW-68	EPA 353.2	186797		
70154151006	MW-70S	EPA 353.2	186797		
70154151007	MW-70D	EPA 353.2	186797		
70154151008	DUP X	EPA 353.2	186797		
70154151001	MW-62	EPA 353.2	186795		
70154151002	MW-64D	EPA 353.2	186795		
70154151003	MW-65	EPA 353.2	186795		
70154151004	MW-67	EPA 353.2	186795		
70154151005	MW-68	EPA 353.2	186795		
70154151006	MW-70S	EPA 353.2	186795		
70154151007	MW-70D	EPA 353.2	186795		
70154151008	DUP X	EPA 353.2	186795		

REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

lbdingman@bartonandloguidice.com
bschaub@bartonandloguidice.com

WO#: 70154151



CHAIN-OF-CUSTODY / Analytical Request Doc

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be

Section A		Section B		Section C	
Required Client Information:		Required Project Information:		Invoice Information:	
Company:	Barton and Loguidice-Albany	Report To:	Stemmler, Corinne	Company Name:	
Address:	10 Airline Drive Suite 200	Copy To:	Betty Schaub	Address:	
Albany, NY 12205		Purchase Order #:		Pace Quote:	
Email:	lbdingman@bartonandloguidice.com	Project Name:	ALCO Quarterly GW	Pace Project Manager:	jennifer.araci@pacelabs.com
Phone:	(518)218-1801	Project #:	1308.001.004	Pace Profile #:	0
Requested Due Date:	standard				

ITEM #	MATRIX Drinking Water Waste Water Product Soil/Solid Oil Wipe Air Other Tissue	CODE DW WT WW P SL OL WP AR OT TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED				SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives								Analyses Test	Y/N													Residual Chlorine (Y/N)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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ITEM #	ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		SAMPLE CONDITIONS	
		Signature	Print Name	Signature	Print Name	Signature	Print Name	Signature	Print Name	Signature	Print Name	Signature	Print Name	Signature	Print Name
		Barton and Loguidice	BAL	11/19/20	1400					11/19/20	1400				
		PACE	PACE	11/19/20	1600					11/20/20	10:45				

SAMPLER NAME AND SIGNATURE		TEMP in C	Received on	Custody	Sealed	Cooler	Samples
PRINT Name of SAMPLER:							
SIGNATURE of SAMPLER:							
DATE Signed:							

PM: STS
Due Date: 12/02/20
CLIENT: B&L

[illegible]



Sample Condition Upon Receipt

WO#: 70154151

Client Name: _____

Proj _____

PM: STS

Due Date: 12/02/20

CLIENT: B&L

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #: 1099 9901/433

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No Seals intact: ☐ Yes ☐ NoPacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH091

Correction Factor: -0.2

Cooler Temperature (°C): 201

Cooler Temperature Corrected (°C): 169

Temperature Blank Present: ☐ Yes ☐ No

Type of Ice: Wet Blue None

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☐ N/A, water sample)

Date and Initials of person examining contents: HOB 12/02/20

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ YES ☐ NODid samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☒ Yes	☐ No		1.
Chain of Custody Filled Out:	☒ Yes	☐ No		2.
Chain of Custody Relinquished:	☒ Yes	☐ No		3.
Sampler Name & Signature on COC:	☒ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☒ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☒ Yes	☐ No		6.
Rush Turn Around Time Requested:	☐ Yes	☒ No		7.
Sufficient Volume: (Triple volume provided for MS/MSD)	☒ Yes	☐ No		8.
Correct Containers Used:	☒ Yes	☐ No		9.
-Pace Containers Used:	☒ Yes	☐ No		
Containers Intact:	☒ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☐ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☒ Yes	☐ No		12.
-Includes date/time/ID/Analysis Matrix SL WT OIL				
All containers needing preservation have been checked	☒ Yes	☐ No	☐ N/A	13. ☐ HNO ₃ ☐ H ₂ SO ₄ ☐ NaOH ☐ HCl
pH paper Lot # HC904495				Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH>12 Cyanide)	☒ Yes	☐ No	☐ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis				Initial when completed: Lot # of added preservative: Date/Time preservative added
Samples checked for dechlorination:	☐ Yes	☐ No	☐ N/A	14.
KI starch test strips Lot #				
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	☐ Yes	☒ No	☐ N/A	15.
Trip Blank Present:	☒ Yes	☐ No	☐ N/A	16.
Trip Blank Custody Seals Present	☒ Yes	☐ No	☐ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted: _____

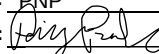
Date/Time: _____

Comments/ Resolution: _____

Attachment D

Site Annual Inspection Form

**SITE MANAGEMENT PLAN
ANNUAL SITE-WIDE INSPECTION**

Site Name: Former ALCO Site - Parcels A and B **Date:** April 23, 2021
Site No.: C447042 and C447043 **Inspected By:** BNP
Site Address: Harborside Drive, Schenectady NY **Inspector's Signature:** 
Owner: Maxon ALCO Holdings, LLC **Inspector's Address:** 10 Airline Drive
Owner Address: 540 Broadway, Albany NY 12207 **Albany, NY 12205**

Site Management Plan (SMP) Compliance	YES	NO	N/A	COMMENTS
Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?		✓		
Has the Environmental Easement been upheld?	✓			
Have site-use restrictions been upheld (restricted-residential)?	✓			
Has the groundwater use restriction been upheld?	✓			
Has all intrusive work been conducted in accordance with the SMP?			✓	
Was the Excavation Work Plan followed?				
Was the Community Air Monitoring Plan followed?	✓			CAMP was followed during drilling activities
Are all records related to the site maintained and up-to-date?	✓			
Has the soil cap been maintained?	✓			
Document the general site conditions, including any evidence of soil erosion, ponding, and settlement in the soil soil cover, at the time of the site inspection:	All site cover remains in the same condition as 2018 and 2019. The site has remained in accordance with the SMP. Some drilling activities occurred during 2020, all activities were done in accordance to the SMP.			

Attachment E

Cover System Photos



Photo 1. Parcel A looking east/northeast toward RPI building.



Photo 2. Parcel A looking east toward the apartment building.



Photo 3. Parcel A looking north toward Mohawk River.



Photo 4. Parcel A looking north/northwest toward Landings Hotel/Mohawk River.



Photo 5. Parcel A looking northwest toward Landings Hotel.



Photo 6. Parcel A looking west/southwest toward Landings Hotel/Rivers Casino.



Photo 7. Parcel A looking south toward Rivers STS Steel.



Photo 8. Parcel A – Rivers Casino staff parking/patron parking lot.

Attachment F

Cover Map

PROPOSED LEGEND

- PROPOSED CONTOURS
- PROPOSED MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CONCRETE WALK
- PROPOSED CURB
- PROPOSED PAVEMENT MARKINGS
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED WATER MAIN & VALVE
- 2" MINIMUM CLEAN FILL
- 6" COMPACTED SUB-BASE or CRUSHER RUN (COVERED IN ASPHALT IN SOME PLACES)
- 6" COMPACTED SUB-BASE AND ASPHALT
- CONCRETE SLAB OR SIDEWALK
- 2" RIP RAP
- LANDS UNDER WATER

MOHAWK RIVER

FLOOD PLAIN ELEVATION=230.0'

LOOKOUTS

AVERAGE WATER ELEVATION AS OF 10/12/2013 =211.25
AVERAGE WATER ELEVATION AS OF 11/2/2013 =213.54

DAYLIGHT COLLEGE CREEK

11
FFE=233.5

12
FFE=233.5

STS

EXISTING
BUILDING

COLLEGE CREEK ACCESS

ERIE BOULEVARD

MOHAWK HARBOR WAY
MAXON ROAD

GRAPHIC SCALE

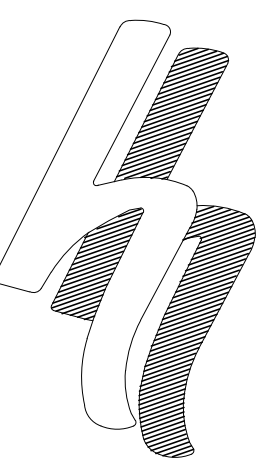


(IN FEET)
1 inch = 60 ft.

12" NEW VALVE

NEW 12"x12"x12" TEE

EXISTING 12" WATER MAIN
(APPROXIMATE LOCATION)

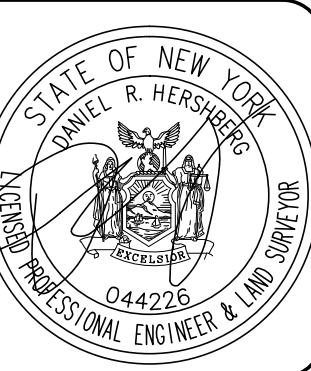


**HERSHBERG
&
HERSHBERG**

Consulting Engineers
and Land Surveyors

18 Locust Street
Albany, New York 12203

ALTERATION OF THIS
DOCUMENT EXCEPT BY A
LICENSED PROFESSIONAL
ENGINEER OR LAND
SURVEYOR, IS ILLEGAL.

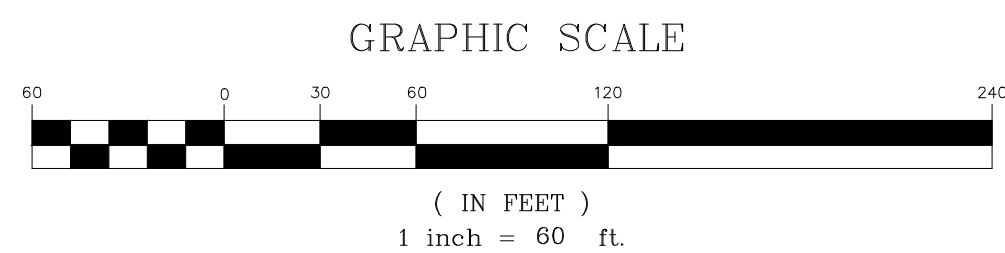
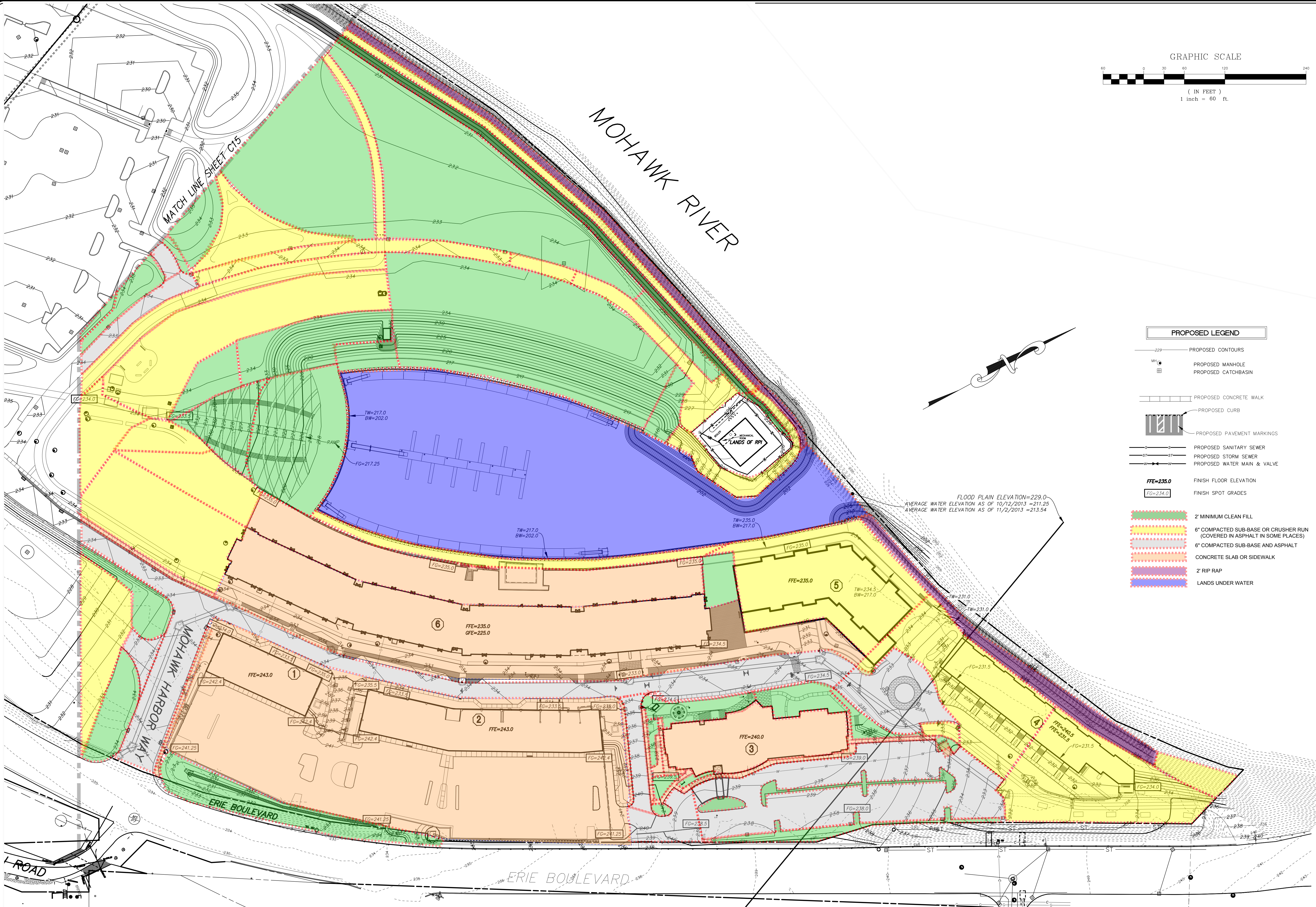


DATE	REMARKS	REVISIONS

FINISH GRADE PLAN 1
ALCO REDEVELOPMENT SITE
SCHENECTADY, NEW YORK

FG-1

FILE: 120158-1.dwg SCALE: 1"=60' BY: SMC DATE: 2/2/2016 CHK: DPH

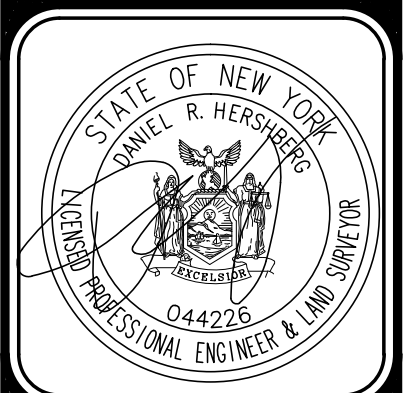


PROPOSED LEGEND

- PROPOSED CONTOURS
- PROPOSED MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CONCRETE WALK
- PROPOSED CURB
- PROPOSED PAVEMENT MARKINGS
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED WATER MAIN & VALVE
- FINISH FLOOR ELEVATION
- FINISH SPOT GRADES
- 2' MINIMUM CLEAN FILL
- 6" COMPACTED SUB-BASE OR CRUSHER RUN (COVERED IN ASPHALT IN SOME PLACES)
- 6" COMPACTED SUB-BASE AND ASPHALT
- CONCRETE SLAB OR SIDEWALK
- 2' RIP RAP
- LANDS UNDER WATER

HERSHBERG & HERSHBERG
Consulting Engineers and Land Surveyors
18 Locust Street
Albany, New York 12203

ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, IS ILLEGAL.



DATE	
REMARKS	
REVISIONS	

FINISH GRADE PLAN 2
ALCO REDEVELOPMENT SITE
SCHENECTADY, NEW YORK

FILE: 120158-T.dwg SCALE: 1"=60' BY: SMC DATE: 2/2/2016 CHK: DRH

2017 Fill Quantities - RJ Valente to Rifenburg Contracting Corp.

BEGIN DATE	1/1/17	CUSTOMER	121
END DATE	12/31/17	ORDER	15
SELL/BUY/TR	ALL		
SHIP/RECEIVE	ALL		

<u>PRODUCT</u>	<u>Description</u>	<u>Tickets</u>	<u>Qty</u>	<u>Unit</u>	<u>TicketType</u>
110	ROB SAND	490	9,528.00	CUBIC YAR	S
320	#2 STONE	1	42.10	TON	S
330	#3 STONE	35	1,608.71	TON	S
350	CRUSHER RUN	209	6,957.66	TON	S
372	620.04 MEDIUM STONE	37	675.41	TON	S
412	SCREENED TOPSOIL	160	1,500.00	CUBIC YAR	S
		932.00	20,311.88		

Attachment G

SVI Assessment Results



95 Hudson River Rd.
Waterford, NY 12188
(518) 326-8450 Ph. (518) 326-8435 Fax

4/28/21

Rivers Casino
Rush St
Schenectady, NY

Re: HVAC

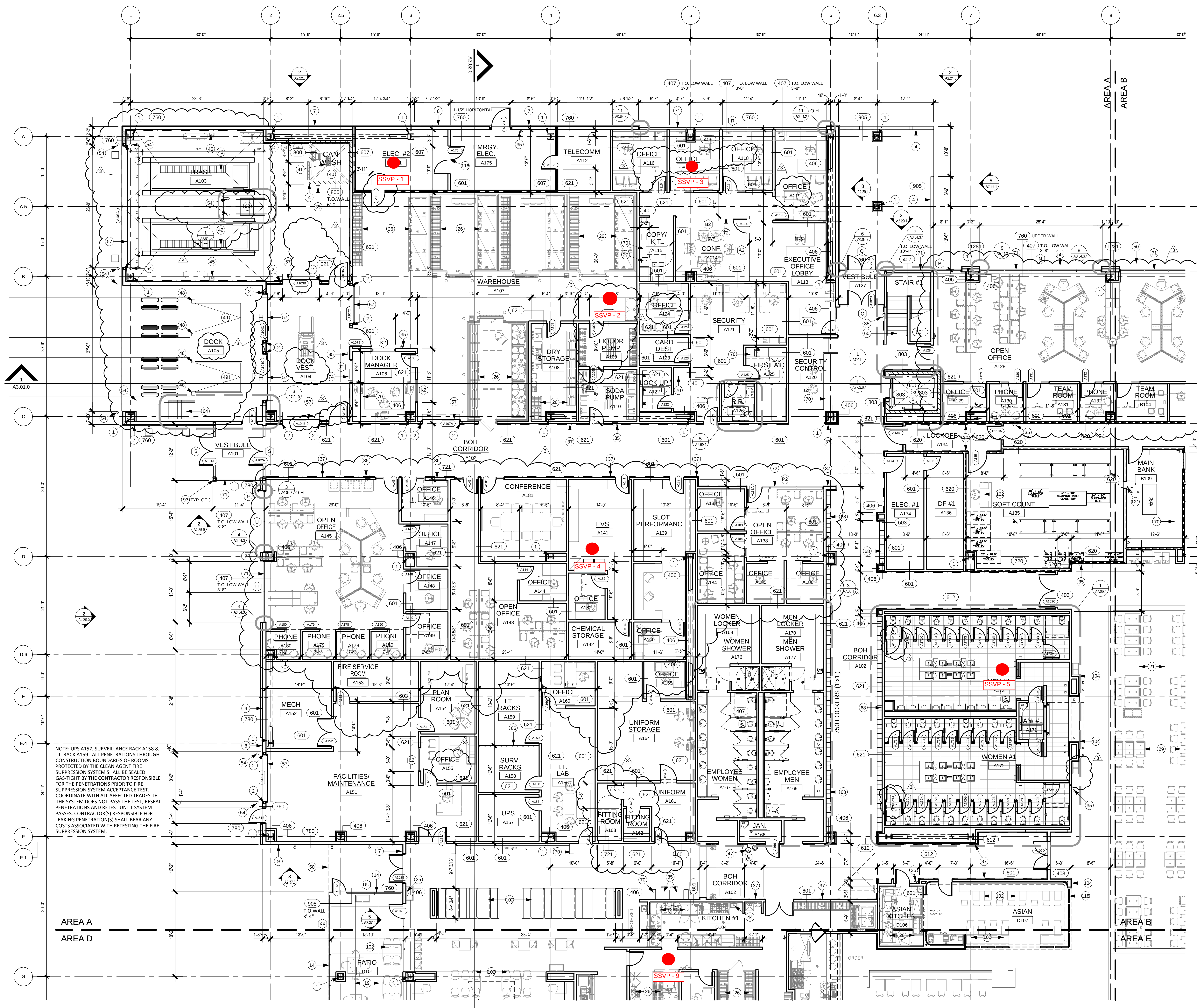
Dear Chrystal,

Regarding the building HVAC for the casino and the hotel, all equipment is running properly, has service and maintenance performed on a regular basis, is running efficiently and is capable of continued building occupancy.

I trust you will find this meets your requirements and standards. It is our company's goal to meet your needs and provide you with the best possible service. If you should have any questions or require additional information on the above, please do not hesitate to contact us.

Respectfully,
Daniel A. Keating
BPI Mechanical Service, Inc.

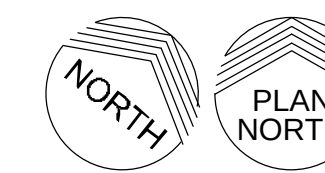
Positive Pressure Data Comparison				
Rivers Casino	Sample Location	Initial Data	2019 Data January 27	2020 Data February 20
	SSVP-1	-0.005"	-0.003"	0.00"
	SSVP-8	-0.020"	-0.001"	-0.004"
	SSVP-9	-0.003"	0.00"	-0.004"
	SSVP-12	Inaccessible	-0.25"	-0.02
	SSVP-15	-0.007"	0.00"	-0.01"
	SSVP-18	-0.003"	-0.006"	0.00"
Landings Hotel	Location 1	-	-0.006"	-0.001"
	Location 2	-	-0.003"	-0.00"
	Location 4		0.00"	-0.02"
	Location 5	-	-0.007"	-0.009"



NOTE: UPS A157, SURVEILLANCE RACK A158 & I.T. RACK A159: ALL PENETRATIONS THROUGH CONSTRUCTION BOUNDARIES OF ROOMS PROTECTED BY THE CLEAN AGENT FIRE SUPPRESSION SYSTEM SHALL BE SEALED GAS-TIGHT BY THE CONTRACTOR RESPONSIBLE FOR THE PENETRATIONS PRIOR TO FIRE SUPPRESSION SYSTEM ACCEPTANCE TEST. COORDINATE WITH ALL AFFECTED TRADES. IF THE SYSTEM DOES NOT PASS THE TEST, RESEAL PENETRATIONS AND RETEST UNTIL SYSTEM PASSES. CONTRACTOR(S) RESPONSIBLE FOR LEAKING PENETRATIONS SHALL BEAR ANY COSTS ASSOCIATED WITH RETESTING THE FIRE SUPPRESSION SYSTEM.

- KEY NOTES: FLOOR PLANS**
- 1. SEE SHEET A1.01.A FOR GENERAL NOTES AND SYMBOLS.
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1 FLOOR PLAN - AREA A - LEVEL 1
1/8" = 1'-0"



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REGISTERED ARCHITECT
JOHN P. KLAJ
02411
STATE OF NEW YORK

KJA Job Number: 14012

NO.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION	11-25-15
2	REVIEW COMMENTS	01-28-16
3	GENERAL REVISION	03-18-16

A	B	C
D	E	F

KEY PLAN

FLOOR PLAN
AREA A
LEVEL 1

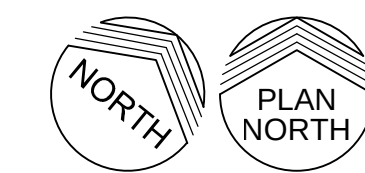
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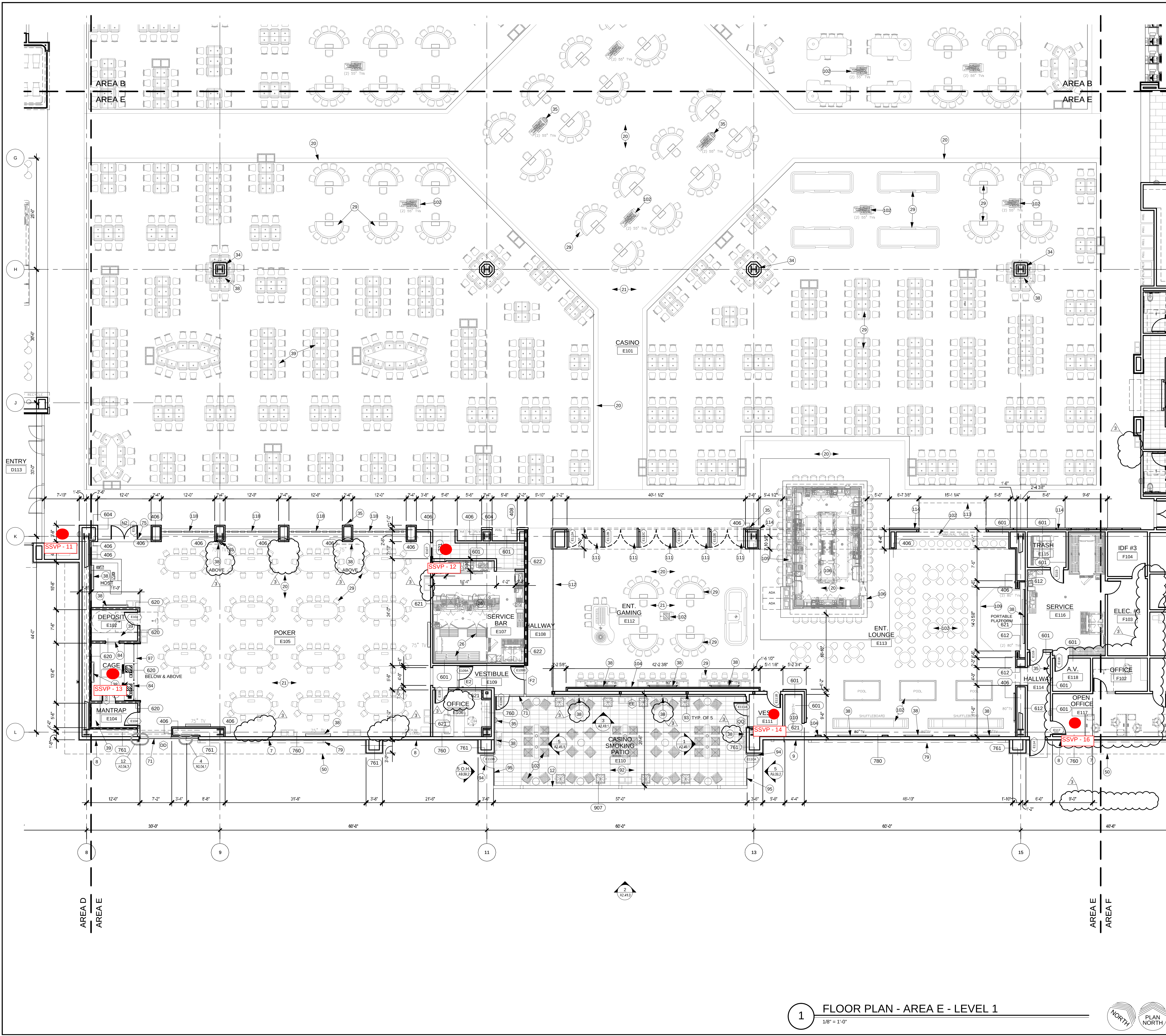
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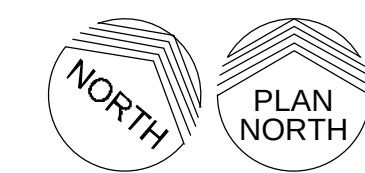
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1 FLOOR PLAN - AREA D - LEVEL 1
1/8" = 1'-0"



- KEY NOTES: FLOOR PLANS**
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 - 2. SEE SHEET A1.01.02 FOR GENERAL NOTES TO THESE DRAWINGS.
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1 FLOOR PLAN - AREA E - LEVEL 1
1/8" = 1'-0"



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REGISTERED ARCHITECT
John R. Klai
02441
STATE OF NEW YORK

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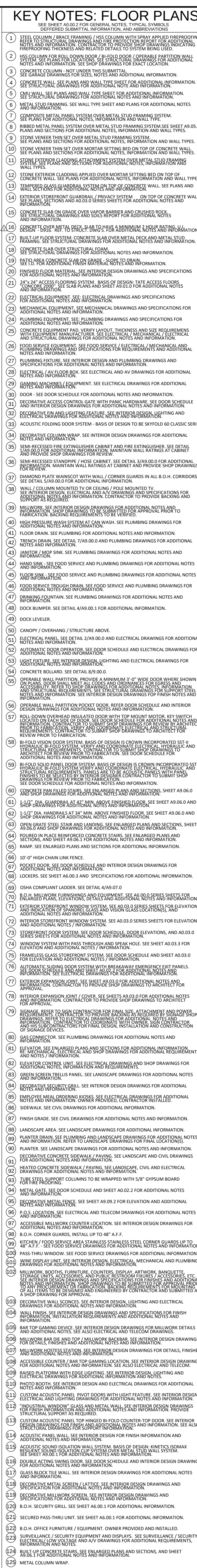
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KEY PLAN

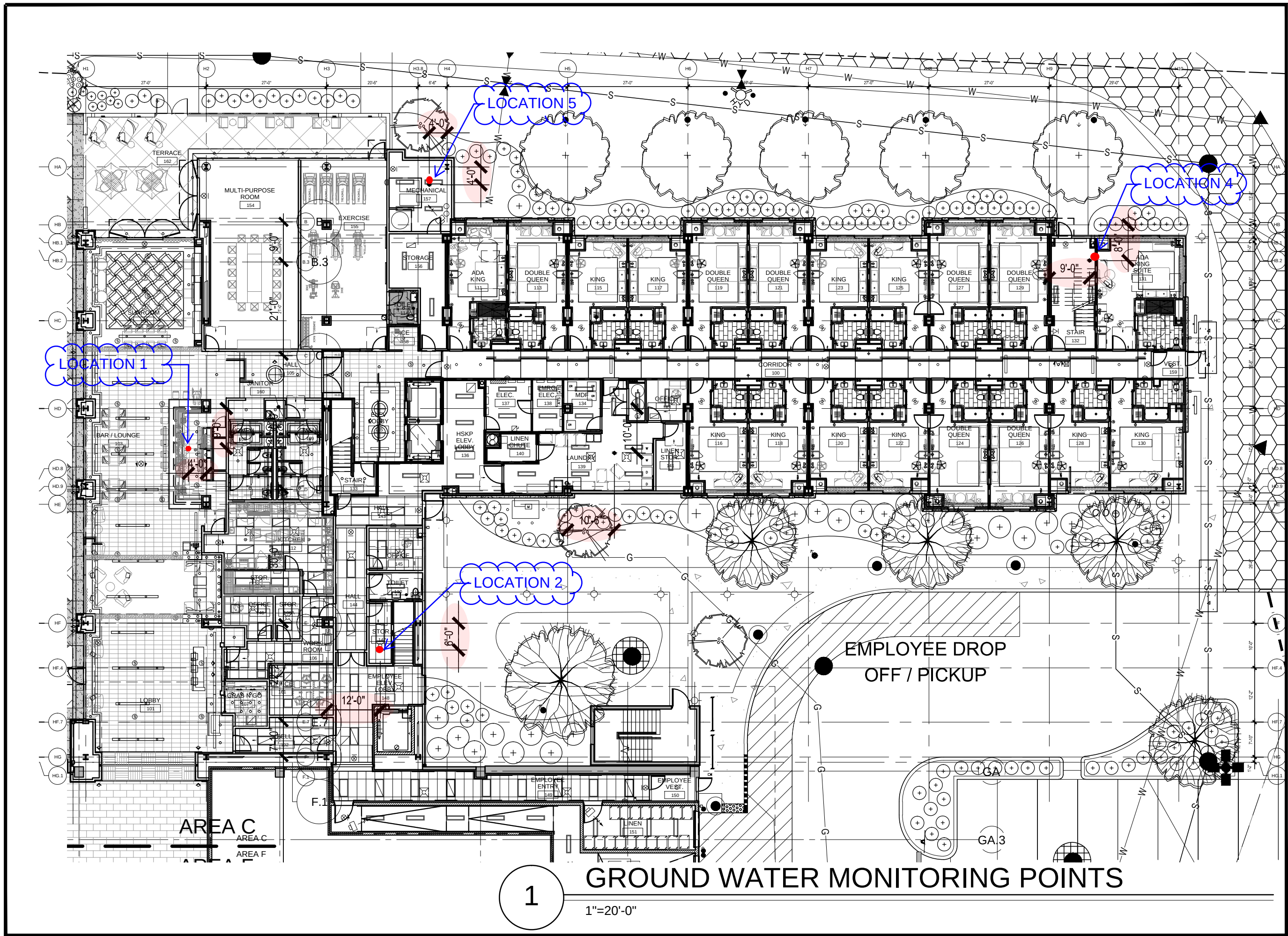
FLOOR PLAN
AREA E
LEVEL 1

LOW RISE

A1.01.E



Landings Hotel



Attachment H

Spill 1604483 Reports

February 2019 – April 2019

As requested the following is the February 2019 – April 2019 monthly report for spill 1604483:

**ALCO-Maxon Site C447042 - Parcel A
Spill #1604483 Monthly Report
February 2019 – April 2019**

Date	Activity Description	Free Product Removed from MW-73 (gallons)
2/5/19	Inspection	-
2/12/19	Inspection	-
2/19/19	Inspection	-
2/26/19	Inspection	-
3/5/19	Inspection	-
3/12/19	Inspection	-
3/21/19	Inspection	-
3/26/19	Inspection	-
4/2/19	Inspection	-
4/9/19	Inspection	-
4/30/19	Inspection	-

Boom remained frozen in place.

Due to the January ice jam, the riverbank became unsafe to access from below, so visual inspections occur at the top of bank. The wells are unsafe to access at this time. No changes have been noted. Site visits were reduced to once per week.

Site inspections for Spill 1604483 area continued through May 2019; a minimum of two times a week or more frequently, as needed.

May 2019

As requested the following is the May 2019 monthly report for spill 1604483:

**ALCO-Maxon Site C447042 - Parcel A
Spill #1604483 Monthly Report
May 2019**

Date	Activity Description	Free Product Removed from MW-73 (gallons)
5/2/19	Inspection, added carbon web fabric and charcoal bags. Replaced MW-73 sock.	.133
5/4/19	Inspection, Adjusted containment and absorbent	-

	boom.	
5/7/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 sock – oil color still light tan.	.133
5/10/19	Inspection, Adjusted riverbank treatments. Checked absorbent sock in MW-73, ¼ full.	-
5/15/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 sock – oil color still light tan. Checked all new recovery wells with interface probe. No oil readings, but sheen and odor noted on surface of well water.	.133
5/19/19	Inspection, Adjusted riverbank treatments. Absorbent sock in MW-73 checked – ¼ full.	-
5/22/19	Inspection, Adjusted riverbank treatments. Absorbent sock in MW-73 checked – ¾ full.	-
5/24/19	Inspection, Adjusted riverbank treatments. Absorbent sock in MW-73 checked – ¾ full.	-
5/29/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 sock.	.133

After ice out in April, a sheen was reported to NYSDEC. In response, new absorbent fabric was added and a solar powered aerator system was designed for June installation. Containment boom was installed with a pvc anchoring system to help ensure it would stay in place.

The collection system is collecting progressively smaller amounts from this well as the historic on-site condition diminishes.

Site inspections for Spill 1604483 area will continue during the month of June 2019; a minimum of two times a week or more frequently, as needed.

June 2019

As requested the following is the June 2019 monthly report for spill 1604483:

ALCO-Maxon Site C447042 - Parcel A Spill #1604483 Monthly Report June 2019

Date	Activity Description	Free Product Removed from MW-73 (gallons)
6/1/19	Inspection, Adjusted riverbank treatments.	-
6/5/19	Inspection. Checked all new recovery wells for oil. None measured in new MW's.	-
6/7/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 absorbent sock.	.133
6/11/19	Inspection, Adjusted riverbank treatments.	-
6/13/19	Inspection, Adjusted riverbank treatments.	-
6/19/19	Inspection, Adjusted riverbank treatments.	-

6/21/19	Inspection, Adjusted riverbank treatments.	-
6/26/19	Inspection. Replaced MW-73 absorbent sock.	.133
6/28/19	Inspection, Adjusted riverbank treatments.	-

The aerator system was installed behind the containment boom. These need frequent readjustment due to riverbank fluctuations and boat traffic but are effective at collecting sheen. Seepage seems limited to two areas.

Site inspections for Spill 1604483 area will continue during the month of July 2019; a minimum of two times a week or more frequently, as needed.

July 2019

As requested the following is the monthly report for spill 1604483:

ALCO-Maxon Site C447042 - Parcel A
Spill #1604483 Monthly Report
July 2019

Date	Activity Description	Free Product Removed from MW-73 (gallons)
7/3/19	Inspection, Adjusted riverbank treatments.	-
7/10/19	Inspection, Adjusted riverbank treatments. Absorbent boom added.	-
7/13/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 absorbent sock.	-
7/15/19	Inspection, Adjusted riverbank treatments.	.133
7/20/19	Inspection, Adjusted riverbank treatments.	-
7/21/19	Inspection, Adjusted riverbank treatments.	-
7/24/19	Inspection, Adjusted riverbank treatments. Checked all new recovery wells for oil. None measured in new MW's.	-

The containment boom, aerators, and fabric need continual readjustment due to riverbank fluctuations and boat traffic. Additionally, the aerator power system is unreliable due to use of solar. The battery drains significantly on cloudy days without recharge and therefore they do not run continuously as programmed.

Site inspections for Spill 1604483 area will continue during the month of August 2019; a minimum of two times a week or more frequently, as needed.

August 2019

As requested the following is the monthly report for spill 1604483:

ALCO-Maxon Site C447042 - Parcel A
Spill #1604483 Monthly Report
August 2019

Date	Activity Description	Free Product Removed from MW-73 (gallons)
8/7/19	Inspection, Adjusted riverbank treatments.	-
8/9/19	Inspection, Adjusted riverbank treatments. Absorbent boom added.	-
8/14/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 absorbent sock.	-
8/21/19	Inspection, Adjusted riverbank treatments.	.133
8/21/19	Inspection, Adjusted riverbank treatments.	-
8/28/19	Inspection, Adjusted riverbank treatments.	-
8/30/19	Inspection, Adjusted riverbank treatments. Checked all new recovery wells for oil. None measured in new MW's.	-

The containment boom, aerators, and fabric need continual readjustment due to riverbank fluctuations and boat traffic. Additionally, the aerator power system is unreliable due to use of solar. The battery drains significantly on cloudy days without recharge and therefore they do not run continuously as programmed.

Site inspections for Spill 1604483 area will continue during the month of September 2019; a minimum of two times a week or more frequently, as needed.

September 2019

As requested the following is the monthly report for spill 1604483:

ALCO-Maxon Site C447042 - Parcel A
Spill #1604483 Monthly Report
September 2019

Date	Activity Description	Free Product Removed from MW-73 (gallons)
9/4/19	Inspection, Adjusted riverbank treatments.	-
9/6/19	Inspection, Adjusted riverbank treatments. Absorbent boom added.	-
9/11/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 absorbent sock.	-

9/13/19	Inspection, Adjusted riverbank treatments.	.133
9/20/19	Inspection, Adjusted riverbank treatments.	-
9/25/19	Inspection, Adjusted riverbank treatments.	-
9/27/19	Inspection, Adjusted riverbank treatments. Checked all new recovery wells for oil. None measured in new MW's.	-

The containment boom, aerators, and fabric need continual readjustment due to riverbank fluctuations and boat traffic. Additionally, the aerator power system is unreliable due to use of solar. The battery drains significantly on cloudy days without recharge and therefore they do not run continuously as programmed.

Further discussions of chemical oxidant injections are being discussed and a work plan will be submitted to NYSDEC for approval.

Site inspections for Spill 1604483 area will continue during the month of October 2019; a minimum of two times a week or more frequently, as needed.

October 2019

As requested the following is the monthly report for spill 1604483:

ALCO-Maxon Site C447042 - Parcel A Spill #1604483 Monthly Report October 2019

Date	Activity Description	Free Product Removed from MW-73 (gallons)
10/2/19	Inspection, Adjusted riverbank treatments.	-
10/4/19	Inspection, Adjusted riverbank treatments. Absorbent boom added.	-
10/8/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 absorbent sock.	-
10/11/19	Inspection, Adjusted riverbank treatments.	.133
10/16/19	Inspection, Adjusted riverbank treatments.	-
10/23/19	Inspection, Adjusted riverbank treatments.	-
10/25/19	Inspection, Adjusted riverbank treatments. Checked all new recovery wells for oil. None measured in new MW's.	-

The containment boom, aerators, and fabric need continual readjustment due to riverbank fluctuations and boat traffic. Additionally, the aerator power system is unreliable due to use of solar. The battery drains significantly on cloudy days without recharge and therefore they do not run continuously as programmed.

The NYSDEC approved the installation of oxidant injection wells on the riverbank. The driller has been contacted to begin work, scheduled for low river levels.

Site inspections for Spill 1604483 area will continue during the month of November 2019; a minimum of two times a week or more frequently, as needed.

November 2019

As requested the following is the January monthly report for spill 1604483:

ALCO-Maxon Site C447042 - Parcel A
Spill #1604483 Monthly Report
November 2019

Date	Activity Description	Free Product Removed from MW-73 (gallons)
11/1/19	Inspection, Adjusted riverbank treatments.	-
11/6/19	Inspection, Adjusted riverbank treatments. Absorbent boom added.	-
11/8/19	Inspection, Adjusted riverbank treatments. Replaced MW-73 absorbent sock.	-
11/13/19	Inspection	.133
11/15/19	Inspection	-
11/20/19	Inspection	-

A flooding event occurred and the aerator units were damaged beyond repair. The containment boom was also swept downstream and trapped beneath riverbank debris (large trees and branches). Multiple weeks of effort were involved to free the boom. Once freed, the boom was stationed on the riverbank in case of further flooding/ice.

The oxidant injections were scheduled to begin in November, but due to the driller's schedule change have been pushed to the first week of December.

Site inspections for Spill 1604483 area will continue during the month of December 2019; a minimum of two times a week or more frequently, as needed.

December 2019-March 2020

As requested the following is the winter report for spill 1604483:

ALCO-Maxon Site C447042 - Parcel A
Spill #1604483 Monthly Report
December 2019 – March 2020

The oxidant injections were attempted in early December 2019, but a large snowstorm prevented safe access to the riverbank. It was decided that the work would be put off until favorable conditions.

Drilling of the injection wells began on February 3, 2020. The oxidant injections began in 5 wells, hand poured from a 5 gallon bucket. Some sheen was noted while injecting two of the wells but we went ahead and injected through a hose at a higher rate as a "test". NYSDEC was on site during the injections and we noted a substantial increase in sheen and some product thickness above a sheen level. As a result, we've collectively decided not to continue with the injections at this time. Two more wells were installed with the hope that when the river levels stabilize injections can continue.

NYSDEC requested inspections be increased to two times a day with weekly e-mail updates sent to the NYSDEC project manager. No significant sheen events were reported during this time.

A more robust aerator system was designed during February for installation in April 2020. This plan will involve a continual power source with larger blowers and more robust diffuser membranes. This will be installed prior to any further injection.

Site inspections for Spill 1604483 area will continue during the month of April 2020; a minimum of two times a week or more frequently, as needed.

The experience to
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The power to
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