Former ALCO Site

CITY OF SCHENECTADY, SCHENECTADY COUNTY, NEW YORK

Parcel A
2020 Periodic Review Report

NYSDEC Site Number: C447042



Prepared For:

Maxon ALCO Holdings, LLC
540 Broadway
Albany, New York 12207

Prepared By:

Barton & Loguidice, Inc.
10 Airline Drive, Suite 200
Albany, New York 12205

JUNE 2020

Table of Contents

Section Page

1.0 EXECUTIVE SUMMARY 1

2.0 SITE OVERVIEW 5

3.0 REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS 8

4.0 IC/EC PLAN COMPLIANCE 9
- 4.1 Engineering and Institutional Control - Table 2 9
- 4.2 Engineering and Institutional Control Certification 10

5.0 MONITORING PLAN COMPLIANCE REPORT 11
- 5.1 Groundwater Monitoring Report 11
- 5.2 Cover System Summary 18
- 5.3 SVI Results 18
- 5.4 Riverbank Spill - 1604483 18

6.0 OPERATION & MAINTENANCE 20

7.0 CONCLUSIONS 21

Tables

Table 1 Post-Remediation Sampling Requirements and Schedule 7
Table 2 IC/EC Descriptions 9
Table 3 Monitoring/Inspections Schedule 11
Tables 4-7 Monitoring Well Water Quality Summaries 11-14

Figures

Figure 1 Site Location Map
Figure 2 Site Plan

Attachments

Attachment A NYSDEC Approved Certification Form
Attachment B Groundwater VOC Exceedance Graphs
Attachment C 2019 Monitoring Data
Attachment D Site Annual Inspection Form
Attachment E Cover System Photos
Attachment F Cover Map
Attachment G SVI Assessment Results
Attachment H Spill 1604483 Reports

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 soil up to 239 parts per million (ppm) which is above the unrestricted use soil cleanup objectives (SCOs). The chlorinated solvent

tetrachloroethene (PCE) was measured in sub-surface soil ranging from 9.6 ppm to 627 ppm. 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 ranging from 10 to 2,027 parts per billion. 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.

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 2019-2020 tasks outlined above is provided herein.

- Quarterly groundwater monitoring
- Soil vapor intrusion assessments of the Rivers Casino/Landings Hotel
- Inspection and reporting of open riverbank spill, identified as: 1604483

Both Parcels A and B received Certificate of Completion (COC) status in December 2016. Since the COC, the site has been operated under the SMP (see Section 2). Monitoring activities outlined in the SMP have been fulfilled during this reporting period.

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^{TM} database.
    - A site evaluation, which includes the following:
        - The compliance of the remedy with the requirements of the site-specific RAWP, ROD or Decision Document;
        - The operation and the effectiveness of treatment units, etc., including identification of any needed repairs or modifications;

- 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;
- Recommendations regarding any necessary changes to the remedy and/or Monitoring and Sampling Plan; and
- 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.
- 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.

Since the COC, the site has been operated under 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 have been assessed for soil vapor intrusion (SVI). The building's HVAC system should maintain positive pressure, preventing any potential for vapors, if any, from migrating up through the subslab. During the 2020 monitoring event, the Rivers Casino portion was verified to be under positive pressure. However, during the 2017 monitoring event, which included assessment of the Landings Hotel, the River Casino portion was found to not consistently be under positive pressure. This was rectified in the 2019 and 2020 monitoring events after adjustment of the HVAC system following the 2017 results, which proved both the Rivers Casino and Landings Hotel are under positive pressure and no corrective action is necessary.

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 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 Chapter157 –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 first quarter round of groundwater sampling for 2020 was concluded on March 10, 2020 and results will be forwarded under separate cover.

Table 4. Historic Residual VOC Water Quality Data - MW-62*Bolded numbers represent detects.

Parameter (µg/l)	*1,1-Dichloroethene	*cis-1,2-Dichloroethene	*trans-1,2- Dichloroethene	*Trichloroethene	*Vinyl Chloride	Tetrachloroethene
6NYCRR Part 703	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**	-

Table 4. Historic Residual VOC Water Quality Data - MW-62*Bolded numbers represent detects.						
Parameter (µg/l)	***1,1-Dichloroethene**	***cis-1,2-Dichloroethene**	***trans-1,2- Dichloroethene**	***Trichloroethene**	***Vinyl Chloride**	**Tetrachloroethene**
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**

Table 5. Historic Residual VOC Water Quality Data - MW-64S		
Parameter	***Acetone (µg/l)**	***cis-1,2-Dichloroethene**
6NYCRR Part 703 Groundwater Standard	50	50
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
***Bolded numbers represent detects**		

MW-62 has continued to exhibit similar concentrations of the observed contaminants when compared to the samples collected in 2018 on the tested parameters. Tetrachloroethene was detected during the fourth quarter. This contaminant has been non-detect in previous sampling events. Reported concentrations of cis1,2-dichloroethene (12-DCE) and trans-1,2-dichloroethene have decreased from the baseline sampling concentrations in MW-62.

MW-64S currently does not exhibit groundwater quality exceedances.

Monitoring well location MW-64D exceeded groundwater standards for chloride, cis-1,2-dichloroethene, trans-1,2,-dichloroethene, trichlorothene, and vinyl chloride. Overall, there was a downward trend in exceedances during 2019 with no groundwater standards exceeded in the fourth quarter.

Table 6. Historic Residual VOC Water Quality Data - MW-64D							
Parameter	***1,1-Dichloroethene (µg/l)**	***Acetone (µg/l)**	***Bromomethane (µg/l)**	***cis-1,2-Dichloroethene (µg/l)**	***trans-1,2-Dichloroethene (µg/l)**	***Trichloroethene (µg/l)**	***Vinyl chloride (µg/l)**
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**

Table 6. Historic Residual VOC Water Quality Data - MW-64D							
Parameter	***1,1-Dichloroethene (µg/l)**	***Acetone (µg/l)**	***Bromomethane (µg/l)**	***cis-1,2-Dichloroethene (µg/l)**	***trans-1,2-Dichloroethene (µg/l)**	***Trichloroethene (µg/l)**	***Vinyl chloride (µg/l)**
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**
***Bolded numbers represent detects**							

Table 7. Historic Residual VOC Water Quality Data - MW-65								
Parameter	***1,1-Dichloroethene (µg/l)**	***Acetone (µg/l)**	***Methyl tert-butyl ether (µg/l)**	**Tetrachloroethene**	***cis-1,2-Dichloroethene (µg/l)**	***trans-1,2-Dichloroethene (µg/l)**	***Trichloroethene (µg/l)**	***Vinyl Chloride (µg/l)**
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**

Table 7. Historic Residual VOC Water Quality Data - MW-65								
Parameter	***1,1-Dichloroethene (µg/l)**	***Acetone (µg/l)**	***Methyl tert-butyl ether (µg/l)**	**Tetrachloroethene**	***cis-1,2-Dichloroethene (µg/l)**	***trans-1,2-Dichloroethene (µg/l)**	***Trichloroethene (µg/l)**	***Vinyl Chloride (µg/l)**
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**
***Bolded numbers represent detects**								

MW-65 exceeded groundwater standards for chloride, cis1,2-dichloroethene, trichloroethene, tetrachloroethene, and vinyl chloride. The reported concentrations of the observed contaminants for 2019 have increased.

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 March 10th, 2020 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.

Initial confirmatory measurements were taken in the Casino portion of the building on April 13, 2018 by B&L staff, utilizing an Infiltec DM1 Micro-manometer. Results confirmed that the desired net positive pressure differential was being maintained. See Attachment G for sampling port locations and data comparison chart.

Subsequent investigation was performed on February 20, 2020 in both the Casino portion and Landings Hotel portion of the building. During this reading, the confirmatory measurements established that maintaining the building HVAC under positive pressure was resulting in a net positive pressure differential between the building interior and the subslab within both the Casino and Hotel. See Attachment G for sampling port locations and data comparison chart as well as a letter from the HVAC contractor certifying the system is fully operational.

5.4 Riverbank Spill - 1604483

During the 2019-2020 season, post installation of the grout wall, the sheen has been visibly reduced as compared to 2017. 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. The 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 as well as move forward with oxidant injections on the riverbank. A total of 7 wells were installed in February 2020 and oxidant was hand poured into each well. Upon attempting to gravity feed, release of residual sheen was increased due to the low Mohawk River levels. The decision was made to suspend further well installation and injection until the water levels stabilized to additionally mitigate sheen as well as put in a more robust aerator system. The new aerator system will be 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. Dependent on conditions, additional oxidant injections will be performed throughout 2020 as needed. 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.

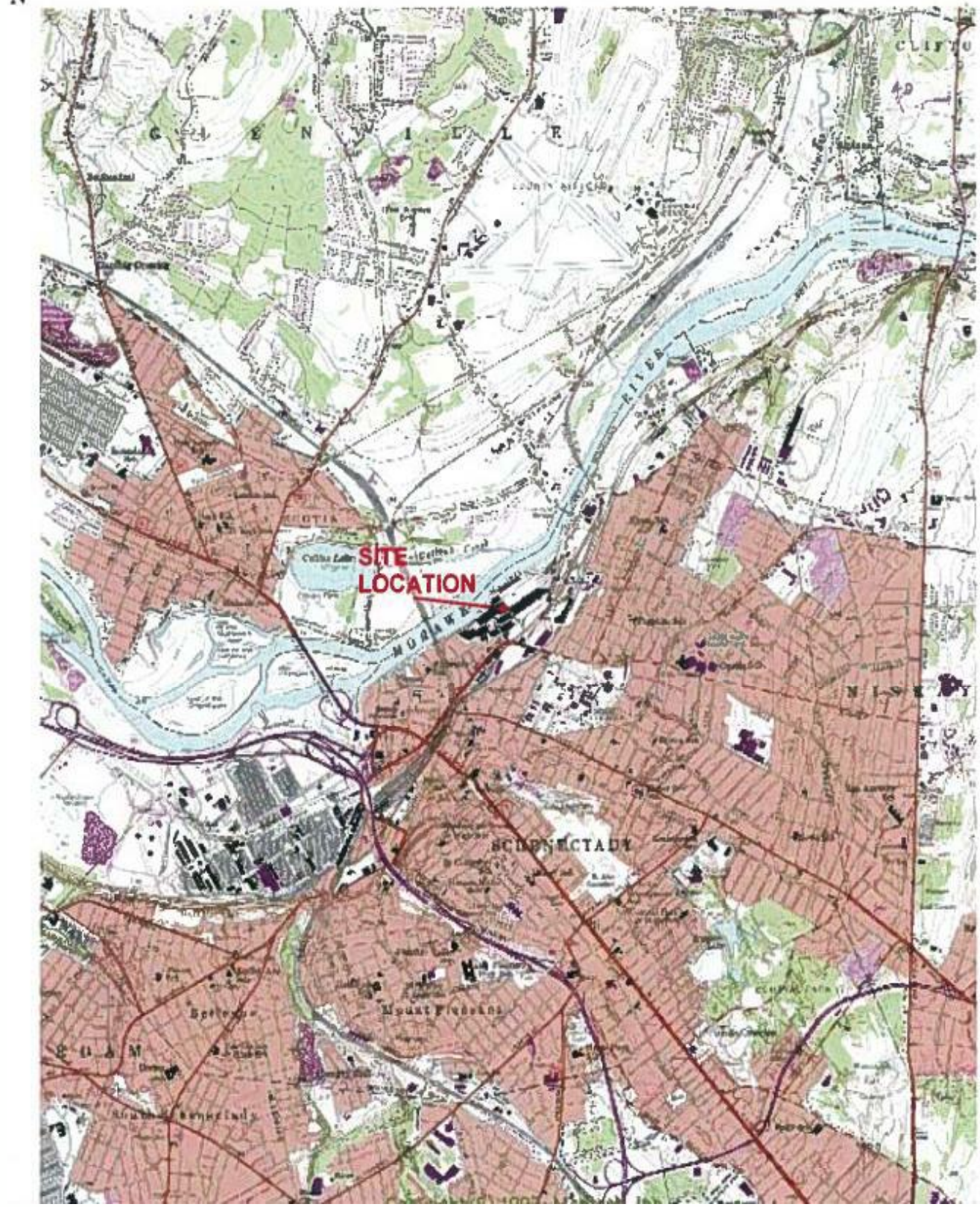
7.0 CONCLUSIONS

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 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. 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 tested for soil vapor intrusion. Structures on Parcel A include the Rivers Casino and Landings Hotel, which are demonstrated to be under a positive pressure system. During the 2020 pressure measurement event, the structures were found to satisfy the desired pressure differential and no corrective action is necessary.
- Spill 1604483 has been regularly inspected throughout the reporting period, two times a week or more as necessary. Product has regularly been recovered by MW-73 and reported to the NYSDEC. The spill area will continue to be monitored regularly as per the SMP. An aerator system is scheduled for installation in April 2020 to further treat the seep. Copies of the spill reports are included in Attachment H.

Figure 1

Site Location Map



Barton & Loguidice, P.C.

MAXON ALCO HOLDINGS, LLC

SITE MANAGEMENT PLAN

SITE PLAN

SCHENECTADY COUNTY NEW YORK

Date	Scale
OCTOBER, 2013	NOT TO SCALE

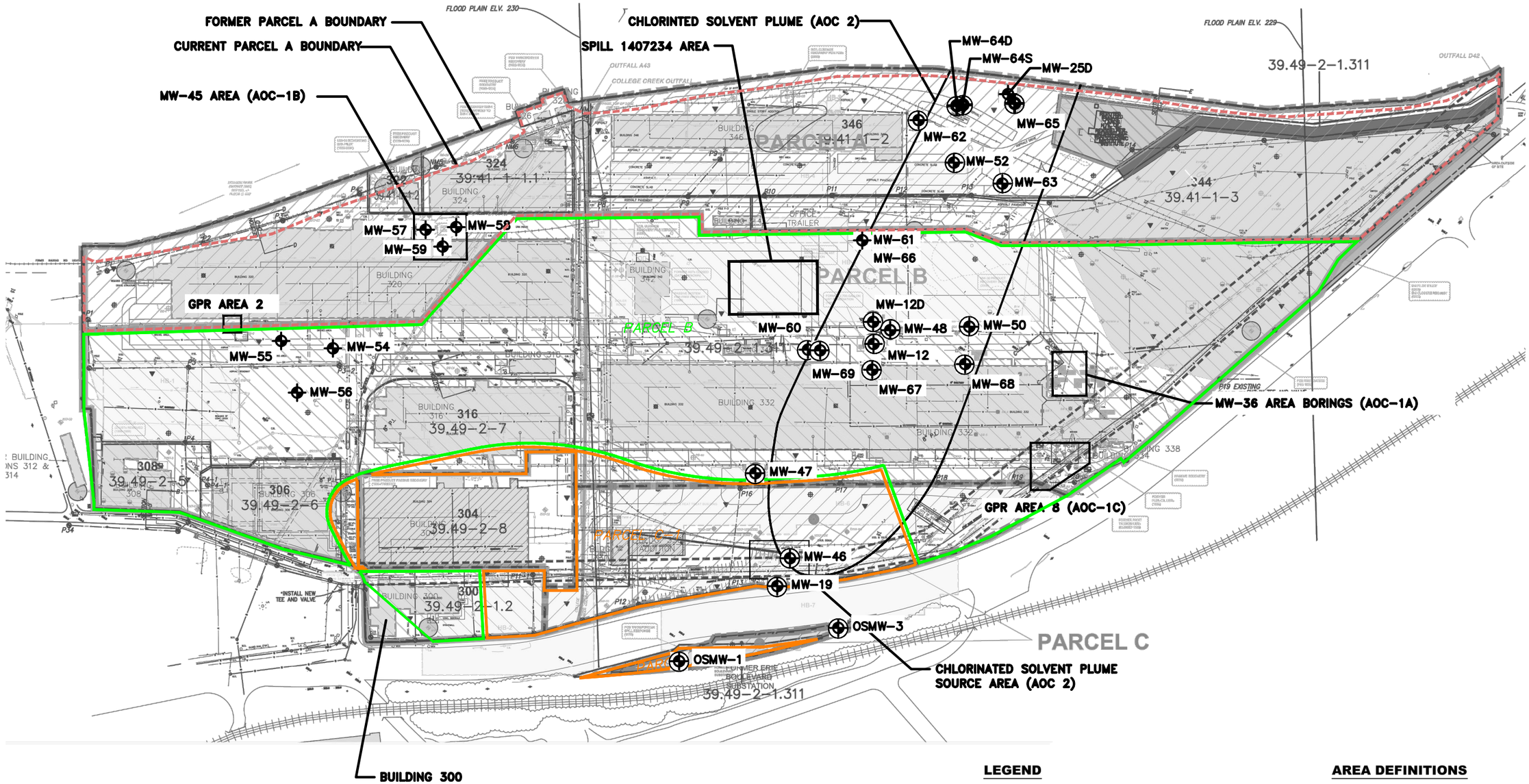
Figure Number: 1

Project Number: 1368.001.001

SOURCE LOCATION: Z:\blmfsvr1\...\1368.001.001\Data\Site Plan.ppt

Figure 2

Site Plan



MAP REFERENCE:

1) "SURVEY OF LANDS, ALCO LOCOMOTIVE, INC., CITY OF SCHENECTADY, COUNTY OF SCHENECTADY", DATED MARCH 1970, AS PREPARED BY C.T. MALE ASSOCIATES.

2) "A SUBDIVISION OF A PORTION OF LANDS OF SCHENECTADY INDUSTRIAL CORPORATION", DATED JUNE 30, 1988, AS PREPARED BY THE ENVIRONMENTAL DESIGN PARTNERSHIP.

3) "SITE PLAN, PROPOSED C & D RECYCLING FACILITY, NOTT STREET INDUSTRIAL PARK", DATED FEBRUARY 1995, AS PREPARED BY INGALLS SMART ASSOCIATES.

SOURCE:

1) ABD ENGINEERS AND SURVEYORS FEBRUARY 1988, REVISED NOVEMBER 1999.

2) HISTORIC BUILDING (HB) LOCATIONS BASED ON A "FUEL OIL PIPING" PLAN, PREPARED FOR AMERICAN LOCOMOTIVE CO., REVISED AUGUST 22,195.

LEGEND

- PROPERTY BOUNDARY
- BCP SITE BOUNDARY
- MANHOLE WITH DRAINAGE STUCTURE NUMBER
- CATCH BASIN WITH DRAINAGE STRUCTURE NUMBER
- LIFT STATION WITH DRAINAGE STRUCTURE NUMBER
- MANHOLE (M.H.)
- CATCH BASIN (C.B.)
- OW-2 MONITORING WELL (MW)
- TMW-6 TEMPORARY MONITORING WELL (TMW)
- RW-01 RECOVCERY WELL
- P-2 PIEZOMETER
- DB-18 GEOPROBE BORING
- SS-5 SURFACE SOIL SAMPLE LOCATION (SS)
- SB-2 SOIL BORING LOCATION

MW-63 MONITORING WELL (SRI INVESTIGATION 2013)

CHLORINATED SOLVENT PLUME MW

AREA DEFINITIONS

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

MAXON ALCO HOLDINGS, LLC
SITE MANAGEMENT PLAN

SITE PLAN

CITY OF SCHENECTADY NEW YORK

Barton & Loguidice, Inc.

Date
OCTOBER 2016

Scale
NO SCALE

Figure Number
2

Project Number
1368.001.001

Plotted: Oct 05, 2016 - 2:30PM SYR By: kps
Z:\BL-Vault\D2\18217AD2-1C71-4823-8927-99D5C4054147\0\1082000-1082999\1082467\L\LL\SMP and FER Figures (ID 1082467)\1368001_SMP Figure 2.dwg

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, 2019 to April 09, 2020

	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.

Andrew J. Barber

Signature of Owner, Remedial Party or Designated Representative

4/9/2020

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	

Parcel	Owner	Institutional Control
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

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.

39.41-1-10 Maxon ALCO Holdings, LLC

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

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.

39.41-1-11 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.

39.41-1-12 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.

39.41-1-13 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.

39.41-1-14 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.

39.41-1-15 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.

39.41-1-16 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;
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.

39.41-1-19 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;
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.

39.41-1-20 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)
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.

39.41-1-21 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);
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.

39.41-1-22 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.

39.41-1-23 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);
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.

39.41-1-24 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;
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.

39.41-1-4 (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);
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.

39.41-1-5 (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;
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.

39.41-1-6 (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;
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.

39.41-1-7 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;
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.

39.41-1-9 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)
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.

39.49-2-1.7 (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;
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.

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.
- 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

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)

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.

39.41-1-11

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.

39.41-1-12

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

Parcel	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)
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.

39.41-1-14

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.

39.41-1-15

Cover System

Engineering Controls (ECs)
Cover System – A site cover will be required to allow for restricted residential use of the site.

Parcel	Engineering Control
	• 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.
39.41-1-16	Cover System
	Engineering Controls (ECs) Cover System – A site cover will be required to allow for restricted residential use of the site. • 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.
39.41-1-17	Cover System
	Engineering Controls (ECs) Cover System – A site cover will be required to allow for restricted residential use of the site. • 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

Parcel	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.
- 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.

39.41-1-19

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.

39.41-1-20

Cover System

Engineering Controls (ECs)
Cover System – A site cover will be required to allow for restricted residential use of the site.

- 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

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.

- 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.

39.41-1-22

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.

39.41-1-23

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;

Parcel — Engineering Control

- 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.

39.41-1-24

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.

39.41-1-4 (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.

39.41-1-5 (Portion of)

Parcel	Engineering Control
	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.

39.41-1-6 (Portion of)

Cover System

Engineering Controls (ECs)
Cover System – A site cover will be required to allow for restricted residential use of the site.

- 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.

39.41-1-7

Cover System

Engineering Controls (ECs)
Cover System – A site cover will be required to allow for restricted residential use of the site.

- 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;

Parcel	Engineering Control
39.41-1-9	• 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.
	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.
39.49-2-1.7 (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.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☑	☐

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

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

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

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

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

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

YES	NO
☑	☐

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

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

Andrew J. Baker

Signature of Owner, Remedial Party or Designated Representative

4/9/2020

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 Andrew J. Barber (print name) at 10 Airline Drive, Albany NY 12205 (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.

Andrew J. Barber
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

4/9/2020
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 (print name) at 10 Airline Drive, Albany, NY 12205 (print business address),

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



Scott D. N

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

Stamp (Required for PE)

4/9/2020

Date

Attachment B

Groundwater VOC Exceedance Graphs

	ALCO Brownfield Site																							
	301 Nott Road, Schenectady, NY																							
	HISTORIC RESIDUAL VOC WATER QUALITY DATA																							
	ORGANIC PARAMETERS																							
GROUNDWATER			1,1-Dichloroethene				cis-1,2-Dichloroethene				trans-1,2-Dichloroethene				Trichloroethene				Vinyl chloride					
	(m	(ug/l)				(ug/l)				(ug/l)				(ug/l)				(ug/l)					
6NYCRR Part 703																								
GROUNDWATER		5				5				5				5				2						
STANDARD																								
Shallow Monitoring Well																								
MW-62																								
27-Sep-11	-	-				-				-				-				-						
17-Jun-13	<	1.0				**2260.0**				**48.4**				**18.7**			<	1.0						
11-Sep-15	-	**2.7**				**1000.0**	D																	
01-Mar-16	<	1.0				**420.0**	D			**24.0**				**1.5**				**120.0**						
10-May-16	<	1.0				**430.0**	D			**29.0**				**1.6**				**89.0**						
15-Jun-16	<	10.0				**640.0**	D			**40.0**				**2.0**				**110.0**	c					
13-Jul-16		**1.2**	c			**770.0**	D			**47.0**				**1.7**				**120.0**						
10-Aug-16	<	1.0				**860.0**				**56.0**			<	1.0				**140.0**						
08-Sep-16	<	5.0	D			**710.0**	D			**44.0**	D		<	5.0	D			**110.0**	D					
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	H1			**714.0**	H1			**44.5**	H1		<	1.0				**80.6**	H1					
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**						
06-Mar-18	<	1.0				**5.5**		<		1.0			<	1.0				**34.9**						
06-Jun-18	<	1.0				**4.4**		<		1.0			<	1.0			<	1.0						
05-Sep-18	<	1.0				**593.0**				**37.1**			<	1.0				**61.1**						
04-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**						
05-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				**103.0**		<		1.0				**22.4**				**5.6**						
Baseline																								

	ALCO Brownfield Site						
	301 Nott Road, Schenectady, NY						
	)RIC RESIDUAL VOC WATER QUALITY						
	ORGANIC PARAMETERS						
GROUNDWATER							
	Acetone				cis-1,2-Dichloroethene		
		(ug/l)			(ug/l)		
6NYCRR Part 703							
GROUNDWATER		50			50		
STANDARD							
Shallow Monitoring Well							
MW-64S							
30-Sep-11		-			-		
18-Jun-13		-			-		
11-Sep-15		-			-		
01-Mar-16		**2.7**	J		-	J	
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**			-		
06-Mar-18	<	5.0			-		
06-Jun-18	<	5.0			-		
05-Sep-18	<	5.0			-		
04-Dec-18	<	5.0			-		
20-Mar-19	<	1.0			-		
05-Jun-19	<	1.0			**3.6**		
12-Sep-19	<	5.0		<	1.0		
11-Dec-19	<	5.0		<	1.0		
Baseline							

ALCO Brownfield Site

301 Nott Road, Schenectady, NY

HISTORIC RESIDUAL VOC WATER QUALITY DATA

ORGANIC PARAMETERS

GROUNDWATER		1,1-Dichloroethene			Acetone			Bromomethane			cis-1,2-Dichloroethene			trans-1,2-Dichloroethene			Trichloroethene			Vinyl Chloride	
		(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)	
6NYCRR Part 703																					
GROUNDWATER		5			50			5			5			5			5			2	
STANDARD																					
Shallow Monitoring Well																					
MW-64D																					
27-Sep-11		-			-			-			-			-			-			-	
18-Jun-13		-			-			-			-			-			-			-	
11-Sep-15		-			-			-			-			-			-			-	
01-Mar-16		**9.7**			**1.2**	J		-			**1100.0**	D		**40.0**			**900.0**	D		**820.0**	
10-May-16		**7.7**		<	10.0			-			**1000.0**	D		**29.0**			**550.0**			**230.0**	
15-Jun-16		**9.9**		<	10.0		<	1.0			**1100.0**	D		**36.0**			**570.0**	D		**170.0**	D
13-Jul-16		**11.0**	c	<	10.0			-			**1400.0**	D		**40.0**			**670.0**	D		**250.0**	D
10-Aug-16		**11.0**	D	<	10.0			-			**1500.0**	D		**41.0**	D		**630.0**	D		**240.0**	D
08-Sep-16		**13.0**	Dc	<	100.0		<	10.0			**1400.0**	D		**37.0**	D		**600.0**	D		**190.0**	D
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**	B		**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	L2		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**	
06-Mar-18	<	2.0		<	10		<	2			**365.0**			**7.8**			**52.6**			**34.9**	
06-Jun-18		**3.4**		<	10		<	2			**473.0**			**9.1**			**108.0**			**22.7**	
05-Sep-18		**2.4**		<	11		<	2			**438.0**			**8.9**			**124.0**			**22.9**	
04-Dec-18	<	10.0		<	50		<	10			**1480.0**			**32.7**			**360.0**			**117.0**	
20-Mar-19	<	1.0		<	5		<	1			**1.3**		<	1.0		<	1.0		<	1.0	
05-Jun-19		**5.3**		<	5		<	1			**844.0**			**16.1**			**179.0**			**76.7**	
12-Sep-19	<	10.0		<	50		<	10			**813.0**			**32.9**			**248.0**			**59.9**	
13-Sep-19	<	1.0		<	5		<	1			**3.0**			**3.0**		<	1.0			**2.8**	
Baseline																					

ALCO Brownfield Site

301 Nott Road, Schenectady, NY

HISTORIC RESIDUAL VOC WATER QUALITY DATA

ORGANIC PARAMETERS

GROUNDWATER		1,1-Dichloroethene			Acetone			cis-1,2-Dichloroethene			Methyl tert-butyl ether			Tetrachloroethene			trans-1,2-Dichloroethene			Trichloroethene			Vinyl Chloride			1,1,1-Trichloroethane		Carbon disulfide
		(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)			(ug/l)		(ug/l)
6NYCRR Part 703																												
GROUNDWATER		5			50			5			10			5			5			5			2			5		
STANDARD																												
Shallow Monitoring Well																												
MW-65																												
30-Sep-11		-			-			-			-			-			-			-			-			-		-
18-Jun-13		-			-			-			-			-			-			-			-			-		-
11-Sep-15		-			-			-			-			-			-			-			-			-		-
01-Mar-16		**1.6**			**6.5**	J		**570.0**	D		**1.7**			**390.0**	D		**5.6**			**260.0**	D		**590.0**	D		-		-
10-May-16	<	1.0			**1.4**	J		**320.0**	D	<	1.0			**170.0**			**2.4**			**94.0**			**97.0**			-		-
15-Jun-16	<	1.0		<	10.0			**310.0**	D	<	1.0			**140.0**			**5.9**			**100.0**			**84.0**	c		-		-
13-Jul-16		**1.0**	c	<	10.0			**500.0**	D	<	1.0			**160.0**			**4.6**			**110.0**			**130.0**			-		-
10-Aug-16		**1.2**		<	10.0			**490.0**	D	<	1.0			**170.0**	c		**4.0**			**130.0**			**170.0**			-		-
08-Sep-16	<	1.0		<	10.0			**360.0**	D	<	1.0			**140.0**			**2.4**			**93.0**			**100.0**			-		-
05-Oct-16	<	1.0		<	10.0			**493.0**		<	1.0			**196.0**			**3.8**			**141.0**			**150.0**			-		-
03-Nov-16	<	1.0		<	10.0			**297.0**	M1	<	1.0			**171.0**	M1		**2.0**			**108.0**			**78.2**			-		-
02-Dec-16	<	1.0		<	10.0			**323.0**	H1	<	1.0			**200.0**	CC,H1		**2.3**	H1		**118.0**	H1		**99.4**	H1		-		-
04-Jan-17	<	1.0		<	5.0		<	1.0		<	1.0			**198.0**			**2.6**			**125.0**			**117.0**			-		-
06-Apr-17		**1.0**		<	5.0			**446.0**		<	1.0			**241.0**			**2.7**			**135.0**			**82.9**			-		-
20-Jul-17		**1.0**			**10.7**			**410.0**		<	1.0			**173.0**			**2.6**			**106.0**			**54.9**			-		-
09-Nov-17	<	1.0			**51.9**			**80.2**		<	1.0			**44.9**		<	1.0			**34.9**			**10.6**			-		-
06-Mar-18	<	1.0		<	5.0			**1.1**		<	1.0		<	1.0		<	1.0		<	1.0		<	1.0			-		-
06-Jun-18		**1.3**		<	5.0			**235.0**		<	1.0			**188.0**			**1.4**			**107.0**			**15.9**			-		-
05-Sep-18		**1.0**		<	5.0			**333.0**		<	1.0			**287.0**			**2.8**			**144.0**			**26.4**			-		-
04-Dec-18		**1.1**		<	5.0			**283.0**		<	1.0			**296.0**			**1.4**			**140.0**			**22.3**			-		-
15-Mar-19	<	1.0		<	5.0		<	1.0		<	1.0		<	1.0		<	1.0		<	1.0		<	1.0			-		-
05-Jun-19		**1.3**		<	5.0			**414.0**		<	1.0			**162.0**			**1.6**			**97.6**			**21.1**			**1.8**		**1.5**
12-Sep-19	<	5.0		<	25.0			477		<	**5.0**			**194.0**		<	5.0			**122.0**			**24.6**					
11-Dec-19		**1.3**		<	5.0			**571.0**		<	1.0			**255.0**			**19.3**			**170.0**			**27.5**					
Baseline																												

Attachment C

2019 Monitoring Data

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

April 01, 2019

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

RE: Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-19 **Lab ID: 7083004001** Collected: 03/20/19 07:30 Received: 03/21/19 10:35 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	**252000**	ug/L	2500	1	03/22/19 14:20	03/24/19 18:49		
Calcium	**101000**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:49	7440-70-2	
Hardness, Magnesium	**43000**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:49		N3
Magnesium	**10400**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:49	7439-95-4	
Potassium	**5710**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:49	7440-09-7	
Sodium	**462000**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:49	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**295000**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:49		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:01	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:01	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:01	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:01	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:01	67-64-1	IH
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:01	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-19 **Lab ID: 7083004001** Collected: 03/20/19 07:30 Received: 03/21/19 10:35 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		03/22/19 21:01	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:01	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:01	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	100-42-5	
Tetrachloroethene	**740**	ug/L	10.0	10		03/22/19 22:19	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-88-3	
Trichloroethene	**76.4**	ug/L	1.0	1		03/22/19 21:01	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:01	1330-20-7	
cis-1,2-Dichloroethene	**70.8**	ug/L	1.0	1		03/22/19 21:01	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:01	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	98-06-6	
trans-1,2-Dichloroethene	**1.1**	ug/L	1.0	1		03/22/19 21:01	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	124	%	68-153	1		03/22/19 21:01	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		03/22/19 21:01	460-00-4	
Toluene-d8 (S)	89	%	69-124	1		03/22/19 21:01	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**719**	mg/L	100	50		03/29/19 12:36	16887-00-6	
Sulfate	**54.5**	mg/L	50.0	10		03/29/19 02:17	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/21/19 21:45	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/21/19 21:45	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:06	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64S **Lab ID: 7083004002** Collected: 03/20/19 08:00 Received: 03/21/19 10:35 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	**201000**	ug/L	2500	1	03/22/19 14:20	03/24/19 18:54		
Calcium	**80400**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:54	7440-70-2	
Hardness, Magnesium	**46400**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:54		N3
Magnesium	**11300**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:54	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:54	7440-09-7	
Sodium	**36500**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:54	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**247000**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:54		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:21	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:21	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:21	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:21	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:21	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:21	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64S **Lab ID: 7083004002** Collected: 03/20/19 08:00 Received: 03/21/19 10:35 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		03/22/19 21:21	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:21	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:21	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:21	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:21	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	124	%	68-153	1		03/22/19 21:21	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		03/22/19 21:21	460-00-4	
Toluene-d8 (S)	90	%	69-124	1		03/22/19 21:21	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**104**	mg/L	10.0	5		03/29/19 02:51	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		03/29/19 02:34	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/21/19 21:46	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/21/19 21:46	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:10	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64D **Lab ID: 7083004003** Collected: 03/20/19 08:15 Received: 03/21/19 10:35 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	**164000**	ug/L	2500	1	03/22/19 14:20	03/24/19 19:00		
Calcium	**65900**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:00	7440-70-2	
Hardness, Magnesium	**28800**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:00		N3
Magnesium	**7000**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:00	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:00	7440-09-7	
Sodium	**23800**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:00	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**193000**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:00		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:40	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:40	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:40	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:40	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:40	67-64-1	IH
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:40	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64D **Lab ID: 7083004003** Collected: 03/20/19 08:15 Received: 03/21/19 10:35 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		03/22/19 21:40	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:40	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:40	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:40	1330-20-7	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	1		03/22/19 21:40	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:40	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	125	%	68-153	1		03/22/19 21:40	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		03/22/19 21:40	460-00-4	
Toluene-d8 (S)	88	%	69-124	1		03/22/19 21:40	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**21.8**	mg/L	2.0	1		03/29/19 12:53	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		03/29/19 12:53	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/21/19 21:48	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/21/19 21:48	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:11	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-68 **Lab ID: 7083004004** Collected: 03/20/19 09:20 Received: 03/21/19 10:35 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	**115000**	ug/L	2500	1	03/22/19 14:20	03/24/19 19:06		
Calcium	**46100**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:06	7440-70-2	
Hardness, Magnesium	**29000**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:06		N3
Magnesium	**7040**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:06	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:06	7440-09-7	
Sodium	**38400**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:06	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**144000**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:06		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:59	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:59	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:59	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:59	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:59	67-64-1	IH
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:59	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-68 **Lab ID: 7083004004** Collected: 03/20/19 09:20 Received: 03/21/19 10:35 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		03/22/19 21:59	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:59	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:59	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:59	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:59	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	130	%	68-153	1		03/22/19 21:59	17060-07-0	
4-Bromofluorobenzene (S)	92	%	79-124	1		03/22/19 21:59	460-00-4	
Toluene-d8 (S)	89	%	69-124	1		03/22/19 21:59	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**61.3**	mg/L	10.0	5		03/29/19 04:31	16887-00-6	
Sulfate	**15.2**	mg/L	5.0	1		03/29/19 04:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.36**	mg/L	0.050	1		03/21/19 21:51	14797-55-8	
Nitrate-Nitrite (as N)	**0.36**	mg/L	0.050	1		03/21/19 21:51	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:12	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106563 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

METHOD BLANK: 492791 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<2500	2500	03/24/19 16:22	
Calcium	ug/L	<1000	1000	03/24/19 16:22	
Hardness, Magnesium	ug/L	<4100	4100	03/24/19 16:22	N3
Magnesium	ug/L	<1000	1000	03/24/19 16:22	
Potassium	ug/L	<5000	5000	03/24/19 16:22	
Sodium	ug/L	<5000	5000	03/24/19 16:22	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<4100	4100	03/24/19 16:22	

LABORATORY CONTROL SAMPLE: 492792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		63200			
Calcium	ug/L	25000	25300	101	85-115	
Hardness, Magnesium	ug/L		103000			N3
Magnesium	ug/L	25000	25000	100	85-115	
Potassium	ug/L	50000	48600	97	85-115	
Sodium	ug/L	50000	51200	102	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		166000			

MATRIX SPIKE SAMPLE: 492794

Parameter	Units	7082875001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	59300		123000			
Calcium	ug/L	23800	25000	49400	102	70-130	
Hardness, Magnesium	ug/L	32400		138000			N3
Magnesium	ug/L	7880	25000	33500	103	70-130	
Potassium	ug/L	<5000	50000	52200	101	70-130	
Sodium	ug/L	52000	50000	104000	105	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	91700		261000			

MATRIX SPIKE SAMPLE: 492796

Parameter	Units	7082875006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	60000		120000			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

MATRIX SPIKE SAMPLE: 492796

Parameter	Units	7082875006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	24000	25000	48000	96	70-130	
Hardness, Magnesium	ug/L	33100		134000			N3
Magnesium	ug/L	8050	25000	32500	98	70-130	
Potassium	ug/L	<5000	50000	50600	97	70-130	
Sodium	ug/L	51300	50000	103000	104	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	93100		254000			

SAMPLE DUPLICATE: 492793

Parameter	Units	7082875001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	59300	59500	0	
Calcium	ug/L	23800	23800	0	
Hardness, Magnesium	ug/L	32400	32700	1	N3
Magnesium	ug/L	7880	7930	1	
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	52000	52100	0	
Tot Hardness asCaCO3 (SM 2340B	ug/L	91700	92200	0	

SAMPLE DUPLICATE: 492795

Parameter	Units	7082875006 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	60000	59200	1	
Calcium	ug/L	24000	23700	1	
Hardness, Magnesium	ug/L	33100	32400	2	N3
Magnesium	ug/L	8050	7870	2	
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	51300	52200	2	
Tot Hardness asCaCO3 (SM 2340B	ug/L	93100	91600	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106582 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

METHOD BLANK: 492889 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
1,1-Dichloropropene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
2,2-Dichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
2-Butanone (MEK)	ug/L	<5.0	5.0	03/22/19 18:29	
2-Chlorotoluene	ug/L	<1.0	1.0	03/22/19 18:29	
2-Hexanone	ug/L	<5.0	5.0	03/22/19 18:29	
4-Chlorotoluene	ug/L	<1.0	1.0	03/22/19 18:29	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/22/19 18:29	
Acetone	ug/L	<5.0	5.0	03/22/19 18:29	
Benzene	ug/L	<1.0	1.0	03/22/19 18:29	
Bromobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Bromochloromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Bromodichloromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Bromoform	ug/L	<1.0	1.0	03/22/19 18:29	
Bromomethane	ug/L	<1.0	1.0	03/22/19 18:29	
Carbon disulfide	ug/L	<1.0	1.0	03/22/19 18:29	
Carbon tetrachloride	ug/L	<1.0	1.0	03/22/19 18:29	
Chlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Chloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
Chloroform	ug/L	<1.0	1.0	03/22/19 18:29	
Chloromethane	ug/L	<1.0	1.0	03/22/19 18:29	CL
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/22/19 18:29	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

METHOD BLANK: 492889 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Dibromomethane	ug/L	<1.0	1.0	03/22/19 18:29	
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/22/19 18:29	IL
Ethylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/22/19 18:29	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/22/19 18:29	
m&p-Xylene	ug/L	<2.0	2.0	03/22/19 18:29	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	03/22/19 18:29	
Methylene Chloride	ug/L	<1.0	1.0	03/22/19 18:29	
n-Butylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
n-Propylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Naphthalene	ug/L	<1.0	1.0	03/22/19 18:29	
o-Xylene	ug/L	<1.0	1.0	03/22/19 18:29	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/22/19 18:29	
sec-Butylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Styrene	ug/L	<1.0	1.0	03/22/19 18:29	
tert-Butylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Tetrachloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
Toluene	ug/L	<1.0	1.0	03/22/19 18:29	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/22/19 18:29	
Trichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
Trichlorofluoromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Vinyl acetate	ug/L	<1.0	1.0	03/22/19 18:29	
Vinyl chloride	ug/L	<1.0	1.0	03/22/19 18:29	CL
Xylene (Total)	ug/L	<3.0	3.0	03/22/19 18:29	
1,2-Dichloroethane-d4 (S)	%	116	68-153	03/22/19 18:29	
4-Bromofluorobenzene (S)	%	94	79-124	03/22/19 18:29	
Toluene-d8 (S)	%	91	69-124	03/22/19 18:29	

LABORATORY CONTROL SAMPLE: 492890

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	58.1	116	65-118	CH
1,1,2,2-Tetrachloroethane	ug/L	50	37.2	74	74-121	
1,1,2-Trichloroethane	ug/L	50	45.8	92	80-117	
1,1-Dichloroethane	ug/L	50	45.4	91	83-151	
1,1-Dichloroethene	ug/L	50	49.2	98	45-146	
1,1-Dichloropropene	ug/L	50	49.0	98	59-127	
1,2,3-Trichlorobenzene	ug/L	50	43.3	87	67-103	
1,2,3-Trichloropropane	ug/L	50	46.0	92	71-123	
1,2,4-Trichlorobenzene	ug/L	50	43.6	87	66-116	
1,2,4-Trimethylbenzene	ug/L	50	43.3	87	68-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

LABORATORY CONTROL SAMPLE: 492890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	42.3	85	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	50.6	101	83-115	
1,2-Dichlorobenzene	ug/L	50	43.4	87	74-113	
1,2-Dichloroethane	ug/L	50	56.0	112	74-129	CH
1,2-Dichloropropane	ug/L	50	40.0	80	75-117	
1,3,5-Trimethylbenzene	ug/L	50	43.1	86	67-116	
1,3-Dichlorobenzene	ug/L	50	44.4	89	71-112	
1,3-Dichloropropane	ug/L	50	43.0	86	74-112	
1,4-Dichlorobenzene	ug/L	50	43.9	88	71-113	
2,2-Dichloropropane	ug/L	50	59.0	118	63-133	CH
2-Butanone (MEK)	ug/L	50	42.2	84	44-162	
2-Chlorotoluene	ug/L	50	43.1	86	74-101	
2-Hexanone	ug/L	50	46.2	92	32-183	
4-Chlorotoluene	ug/L	50	44.1	88	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	39.7	79	69-132	
Acetone	ug/L	50	70.2	140	23-188	IH
Benzene	ug/L	50	44.5	89	73-119	
Bromobenzene	ug/L	50	43.0	86	72-102	
Bromochloromethane	ug/L	50	50.8	102	81-116	
Bromodichloromethane	ug/L	50	53.3	107	78-117	CH
Bromoform	ug/L	50	49.8	100	65-122	
Bromomethane	ug/L	50	50.0	100	52-147	
Carbon disulfide	ug/L	50	46.4	93	41-144	
Carbon tetrachloride	ug/L	50	60.1	120	59-120	CH
Chlorobenzene	ug/L	50	45.0	90	75-113	
Chloroethane	ug/L	50	36.6	73	49-151	
Chloroform	ug/L	50	53.9	108	72-122	
Chloromethane	ug/L	50	29.3	59	46-144	CL
cis-1,2-Dichloroethene	ug/L	50	47.1	94	72-121	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	78-116	
Dibromochloromethane	ug/L	50	53.0	106	70-120	CH
Dibromomethane	ug/L	50	49.4	99	75-125	
Dichlorodifluoromethane	ug/L	50	45.5	91	22-154	IL
Ethylbenzene	ug/L	50	45.5	91	70-113	
Hexachloro-1,3-butadiene	ug/L	50	45.2	90	59-121	
Isopropylbenzene (Cumene)	ug/L	50	43.5	87	67-115	
m&p-Xylene	ug/L	100	93.9	94	72-115	
Methyl-tert-butyl ether	ug/L	50	47.7	95	72-131	
Methylene Chloride	ug/L	50	44.8	90	61-142	
n-Butylbenzene	ug/L	50	43.3	87	73-107	
n-Propylbenzene	ug/L	50	42.6	85	68-116	
Naphthalene	ug/L	50	38.6	77	70-118	
o-Xylene	ug/L	50	43.8	88	73-117	
p-Isopropyltoluene	ug/L	50	43.5	87	73-101	
sec-Butylbenzene	ug/L	50	41.9	84	72-103	
Styrene	ug/L	50	46.2	92	72-118	
tert-Butylbenzene	ug/L	50	43.2	86	68-100	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

LABORATORY CONTROL SAMPLE: 492890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	47.1	94	60-128	
Toluene	ug/L	50	45.2	90	72-119	
trans-1,2-Dichloroethene	ug/L	50	47.5	95	56-142	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	79-116	
Trichloroethene	ug/L	50	48.6	97	69-117	
Trichlorofluoromethane	ug/L	50	62.0	124	27-173	CH
Vinyl acetate	ug/L	50	39.3	79	20-158	
Vinyl chloride	ug/L	50	32.5	65	43-143	CL
Xylene (Total)	ug/L	150	138	92	71-109	
1,2-Dichloroethane-d4 (S)	%			114	68-153	
4-Bromofluorobenzene (S)	%			103	79-124	
Toluene-d8 (S)	%			92	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492984 492985

Parameter	Units	7082880005 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	47.9	54.0	96	108	74-113	12	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	55.4	64.1	111	128	65-118	15	CH,M1
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	37.1	41.4	74	83	74-121	11	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	46.3	51.7	93	103	80-117	11	
1,1-Dichloroethane	ug/L	<1.0	50	50	44.6	51.8	89	104	83-151	15	
1,1-Dichloroethene	ug/L	<1.0	50	50	42.6	47.6	85	95	45-146	11	
1,1-Dichloropropene	ug/L	<1.0	50	50	45.9	54.0	92	108	59-127	16	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	42.7	50.0	85	100	67-103	16	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	44.8	52.0	90	104	71-123	15	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	42.6	49.1	85	98	66-116	14	
1,2,4-Trimethylbenzene	ug/L	5.0	50	50	41.5	47.8	73	86	68-116	14	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	41.0	45.9	82	92	74-119	11	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	52.1	59.1	104	118	83-115	13	M1
1,2-Dichlorobenzene	ug/L	<1.0	50	50	42.0	47.5	84	95	74-113	12	
1,2-Dichloroethane	ug/L	<1.0	50	50	55.5	64.5	111	129	74-129	15	CH
1,2-Dichloropropane	ug/L	<1.0	50	50	39.5	45.4	79	91	75-117	14	
1,3,5-Trimethylbenzene	ug/L	1.9	50	50	43.6	50.0	83	96	67-116	14	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	41.8	48.4	84	97	71-112	15	
1,3-Dichloropropane	ug/L	<1.0	50	50	42.0	47.3	84	95	74-112	12	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	41.9	48.4	84	97	71-113	14	
2,2-Dichloropropane	ug/L	<1.0	50	50	51.8	59.6	104	119	63-133	14	CH
2-Butanone (MEK)	ug/L	<5.0	50	50	43.7	47.1	78	85	44-162	7	
2-Chlorotoluene	ug/L	<1.0	50	50	40.9	47.1	82	94	74-101	14	
2-Hexanone	ug/L	<5.0	50	50	43.3	46.0	87	92	32-183	6	
4-Chlorotoluene	ug/L	<1.0	50	50	41.5	47.4	83	95	74-101	13	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	43.9	47.2	88	94	69-132	7	
Acetone	ug/L	42.0	50	50	53.2	76.5	22	69	23-188	36	IH,M1,R1
Benzene	ug/L	149	50	50	208	236	118	175	73-119	13	M1

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492984 492985

Parameter	Units	7082880005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Bromobenzene	ug/L	<1.0	50	50	40.5	46.8	81	94	72-102	14	
Bromochloromethane	ug/L	<1.0	50	50	51.0	55.5	102	111	81-116	8	
Bromodichloromethane	ug/L	<1.0	50	50	52.4	59.4	105	119	78-117	12	CH,M1
Bromoform	ug/L	<1.0	50	50	45.7	51.6	91	103	65-122	12	
Bromomethane	ug/L	<1.0	50	50	36.5	53.6	73	107	52-147	38	R1
Carbon disulfide	ug/L	<1.0	50	50	41.3	50.7	83	101	41-144	20	
Carbon tetrachloride	ug/L	<1.0	50	50	54.7	64.4	109	129	59-120	16	CH,M1
Chlorobenzene	ug/L	<1.0	50	50	42.1	48.3	84	97	75-113	14	
Chloroethane	ug/L	<1.0	50	50	35.3	42.2	71	84	49-151	18	
Chloroform	ug/L	<1.0	50	50	54.8	62.0	110	124	72-122	12	M1
Chloromethane	ug/L	<1.0	50	50	25.0	30.6	50	61	46-144	20	CL
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	46.5	53.6	93	107	72-121	14	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	45.3	52.5	91	105	78-116	15	
Dibromochloromethane	ug/L	<1.0	50	50	49.6	57.0	99	114	70-120	14	CH
Dibromomethane	ug/L	<1.0	50	50	49.2	56.6	98	113	75-125	14	
Dichlorodifluoromethane	ug/L	<1.0	50	50	40.2	47.3	80	95	22-154	16	IL
Ethylbenzene	ug/L	4.2	50	50	47.5	55.3	87	102	70-113	15	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	37.4	44.5	75	89	59-121	17	
Isopropylbenzene (Cumene)	ug/L	7.6	50	50	49.5	58.0	84	101	67-115	16	
m&p-Xylene	ug/L	11.2	100	100	101	115	89	104	72-115	13	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	50.1	56.8	100	114	72-131	13	
Methylene Chloride	ug/L	<1.0	50	50	54.8	60.6	110	121	61-142	10	
n-Butylbenzene	ug/L	6.0	50	50	41.9	47.6	72	83	73-107	13	M1
n-Propylbenzene	ug/L	15.0	50	50	57.3	65.8	84	102	68-116	14	
Naphthalene	ug/L	2.0	50	50	43.1	48.8	82	94	70-118	12	
o-Xylene	ug/L	<1.0	50	50	42.7	49.0	85	98	73-117	14	
p-Isopropyltoluene	ug/L	<1.0	50	50	41.2	46.8	82	94	73-101	13	
sec-Butylbenzene	ug/L	<1.0	50	50	40.5	47.1	81	94	72-103	15	
Styrene	ug/L	<1.0	50	50	43.5	50.3	87	101	72-118	14	
tert-Butylbenzene	ug/L	<1.0	50	50	41.1	47.5	82	95	68-100	14	
Tetrachloroethene	ug/L	<1.0	50	50	42.4	48.4	85	97	60-128	13	
Toluene	ug/L	2.8	50	50	46.9	54.6	88	104	72-119	15	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	45.3	53.5	91	107	56-142	17	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	50.3	57.5	101	115	79-116	13	
Trichloroethene	ug/L	<1.0	50	50	46.0	53.7	92	107	69-117	15	
Trichlorofluoromethane	ug/L	<1.0	50	50	56.8	65.2	114	130	27-173	14	CH
Vinyl acetate	ug/L	<1.0	50	50	37.1	41.7	74	83	20-158	12	
Vinyl chloride	ug/L	<1.0	50	50	29.9	35.0	60	70	43-143	16	CL
Xylene (Total)	ug/L	11.2	150	150	143	164	88	102	71-109	14	
1,2-Dichloroethane-d4 (S)	%						119	114	68-153		
4-Bromofluorobenzene (S)	%						105	99	79-124		
Toluene-d8 (S)	%						91	89	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 107252 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

METHOD BLANK: 496206 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	03/28/19 19:53	
Sulfate	mg/L	<5.0	5.0	03/28/19 19:53	

LABORATORY CONTROL SAMPLE: 496207

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.3	103	90-110	
Sulfate	mg/L	10	10.5	105	90-110	

MATRIX SPIKE SAMPLE: 496210

Parameter	Units	7083551002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	11.4	10	21.6	102	80-120	
Sulfate	mg/L	<5.0	10	10.5	99	80-120	

SAMPLE DUPLICATE: 496211

Parameter	Units	7083551002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	11.4	11.5	1	
Sulfate	mg/L	<5.0	<5.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106403
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7083004001

METHOD BLANK: 492185
Matrix: Water
Associated Lab Samples: 7083004001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	03/21/19 19:31	

LABORATORY CONTROL SAMPLE: 492186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 492187

Parameter	Units	7082991001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.56	112	90-110	M1

MATRIX SPIKE SAMPLE: 492189

Parameter	Units	7083118001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.37	74	90-110	M1

SAMPLE DUPLICATE: 492188

Parameter	Units	7082991001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 492190

Parameter	Units	7083118001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106404 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7083004002, 7083004003, 7083004004

METHOD BLANK: 492191 Matrix: Water
Associated Lab Samples: 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	03/21/19 20:07	

LABORATORY CONTROL SAMPLE: 492192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 492193

Parameter	Units	7083110001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.55	110	90-110	

MATRIX SPIKE SAMPLE: 492195

Parameter	Units	7083110004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.55	110	90-110	

SAMPLE DUPLICATE: 492194

Parameter	Units	7083110001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 492196

Parameter	Units	7083110004 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106407 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7083004001, 7083004002, 7083004003

METHOD BLANK: 492269 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	03/21/19 21:13	

LABORATORY CONTROL SAMPLE: 492270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE: 492271

Parameter	Units	7082993001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.7	5	7.0	105	90-110	H1

MATRIX SPIKE SAMPLE: 492273

Parameter	Units	7082988001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.9	5	7.4	110	90-110	

SAMPLE DUPLICATE: 492272

Parameter	Units	7082993001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.7	1.6	6	H1

SAMPLE DUPLICATE: 492274

Parameter	Units	7082988001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.9	1.9	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106408
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7083004004

METHOD BLANK: 492275 Matrix: Water
Associated Lab Samples: 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	03/21/19 21:49	

LABORATORY CONTROL SAMPLE: 492276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	101	90-110	

MATRIX SPIKE SAMPLE: 492277

Parameter	Units	7083114001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.1	5	9.8	95	90-110	

MATRIX SPIKE SAMPLE: 492279

Parameter	Units	7083113001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	3.8	5	9.2	109	90-110	

SAMPLE DUPLICATE: 492278

Parameter	Units	7083114001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.1	4.8	6	

SAMPLE DUPLICATE: 492280

Parameter	Units	7083113001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	3.8	4.1	9	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

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: 7083004001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7083004002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7083004003
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7083004004
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492984
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492985
[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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

ANALYTE QUALIFIERS

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.
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.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7083004001	**MW-19**	EPA 200.7	106563	EPA 200.7	106565
7083004002	**MW-64S**	EPA 200.7	106563	EPA 200.7	106565
7083004003	**MW-64D**	EPA 200.7	106563	EPA 200.7	106565
7083004004	**MW-68**	EPA 200.7	106563	EPA 200.7	106565
7083004001	**MW-19**	EPA 8260C/5030C	106582		
7083004002	**MW-64S**	EPA 8260C/5030C	106582		
7083004003	**MW-64D**	EPA 8260C/5030C	106582		
7083004004	**MW-68**	EPA 8260C/5030C	106582		
7083004001	**MW-19**	EPA 300.0	107252		
7083004002	**MW-64S**	EPA 300.0	107252		
7083004003	**MW-64D**	EPA 300.0	107252		
7083004004	**MW-68**	EPA 300.0	107252		
7083004001	**MW-19**	EPA 353.2	106407		
7083004002	**MW-64S**	EPA 353.2	106407		
7083004003	**MW-64D**	EPA 353.2	106407		
7083004004	**MW-68**	EPA 353.2	106408		
7083004001	**MW-19**	EPA 353.2	106403		
7083004002	**MW-64S**	EPA 353.2	106404		
7083004003	**MW-64D**	EPA 353.2	106404		
7083004004	**MW-68**	EPA 353.2	106404		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

LAB USE ONLY- Affix Workorder/Lo

ALL SHADED A

WO# : 7083004

7083004

Company: BARTON & LOGUIDICE

Billing Information:

Address: 10 AIRLINE DR. SUITE 200
ALBANY, NY 12205

Report To: ANDY BARBER

Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Copy To: CORINNE STEINMULLER

Site Collection Info/Address:
SCHENECTADY, NY 12308

Customer Project Name/Number:
ALCO QUARTERLY GW (Q1)

State NY County/City SCHENECTADY Time Zone Collected EST

Phone: (518)218-1801
Email:
CSTEINMULLER@BARTONANDLOGUIDICE.COM

Site/Facility ID #

Compliance Monitoring?
[ ] Yes [ ] No

C. STEINMULLER

Purchase Order #

DW PWS ID #:

Quote #

DW Location Code #:

Collected by (signature):

Turnaround Date Required:
2 WEEK

Immediately Packed on Ice?
[ ] Yes [ ] No

Sample Disposal:
[X] Dispose as appropriate [ ] Return
[ ] Archive
[ ] Hold

RUSH:
Same Day Next Day 2 Day 3 Day 4 Day 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable):
[ ] Yes [ ] No

Analysis:

Container Preservative Type **

3	U	1						

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:
JOHN.STANTON@PACELABS.COM

LAB Profile/Line:

LAB Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples received on ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in holding time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: 1185574662			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

* 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)

Customer Sample ID	Matrix*	Comp/ Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	SULFATE	CHLORIDE	NITRATE	TOTAL HARDNESS	MS/MSD					↓ LAB USE ONLY: ↓
MW-19	WW	G	3/20/19	7:30	***	***		5	X	X	X	X	X						001
~~MW-46~~	WW	G			***	***		5	X	X	X	X	X						
~~MW-62~~	WW	G			***	***		5	X	X	X	X	X						
MW-64S	WW	G	3/20/19	8:00	***	***		5	X	X	X	X	X						002
MW-64D	WW	G	3/20/19	8:15	***	***		5	X	X	X	X	X						003
~~MW-65 (MS/MSD)~~	WW	G			***	***		11	X	X	X	X	X	X					
~~MW-67~~	WW	G			***	***		5	X	X	X	X	X						
MW-68	WW	G	3/20/19	9:20	***	***		5	X	X	X	X	X						004
~~MW-70S~~	WW	G			***	***		5	X	X	X	X	X						
~~MW-70D~~	WW	G			***	***		5	X	X	X	X	X						
DUP X	WW	G			***	***		5	X	X	X	X	X						
TRIP BLANK	TB	G			***	***		2	X	X	X	X	X						

Customer Remarks/ Special Conditions/ Possible Hazards:

Type of Ice Used:
Wet [X] Blue [ ] Dry [ ] None [ ]

SHORT HOLDS PRESENT (< 72 hours): Y (N) N/A

Packing Material Used: 4plcl

LAB Tracking #: 4757 4090 6060

Samples received via:
FEDEX [ ] UPS [ ] Client [ ] Courier [ ] Pace Courier [ ]

MTJL LAB USE ONLY

Table #:
ACCT #:
Template:
Prelogin:
PM:
PB:

LAB Sample Temperature Info:
Temp Blank received: Y (N) NA
Therm ID #: TH091
Cooler 1 Temp Upon Receipt 2.4 oC
Cooler 1 Therm Corr. Factor 0.0 oC
Cooler 1 Corrected Temp 2.4 oC
Comments:
Trip Blank Received: Y N (N/A)
HCL MeOH TSP Other

NonConformance(s)
YES / NO

Page 1 of 1

Relinquished by/Company : (Signature)	Date/Time:	Received by/Company : (Signature)	Date/Time:
B&L	3/20/19 9:38	PACE	3/20/19 9:38
PACE	3/20/19 1600	via Fedex →	
		PACE LI	3/20/19 10:55

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

April 01, 2019

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

RE: Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-46 **Lab ID: 7082579001** Collected: 03/15/19 10:20 Received: 03/16/19 10:00 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	**624000**	ug/L	2500	1	03/19/19 08:47	03/19/19 21:20		
Calcium	**250000**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:20	7440-70-2	
Hardness, Magnesium	**134000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:20		N3
Magnesium	**32600**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:20	7439-95-4	
Potassium	**11800**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:20	7440-09-7	
Sodium	**1340000**	ug/L	50000	10	03/19/19 08:47	03/20/19 14:35	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**759000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:20		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-34-3	
1,1-Dichloroethene	**8.7**	ug/L	1.0	1		03/21/19 21:59	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 21:59	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 21:59	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 21:59	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 21:59	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 21:59	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 21:59	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-46 **Lab ID: 7082579001** Collected: 03/15/19 10:20 Received: 03/16/19 10:00 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		03/21/19 21:59	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 21:59	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 21:59	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	100-42-5	
Tetrachloroethene	**7.5**	ug/L	1.0	1		03/21/19 21:59	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-88-3	
Trichloroethene	**95.9**	ug/L	1.0	1		03/21/19 21:59	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-05-4	
Vinyl chloride	**192**	ug/L	50.0	50		03/21/19 22:19	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 21:59	1330-20-7	
cis-1,2-Dichloroethene	**3100**	ug/L	50.0	50		03/21/19 22:19	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 21:59	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	98-06-6	
trans-1,2-Dichloroethene	**39.4**	ug/L	1.0	1		03/21/19 21:59	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%	68-153	1		03/21/19 21:59	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		03/21/19 21:59	460-00-4	
Toluene-d8 (S)	98	%	69-124	1		03/21/19 21:59	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**2660**	mg/L	200	100		03/27/19 19:03	16887-00-6	
Sulfate	**22.8**	mg/L	5.0	1		03/27/19 18:47	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:07	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:07	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:22	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-62 **Lab ID: 7082579002** Collected: 03/15/19 09:36 Received: 03/16/19 10:00 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	**584000**	ug/L	2500	1	03/19/19 08:47	03/19/19 21:26		
Calcium	**234000**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:26	7440-70-2	
Hardness, Magnesium	**134000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:26		N3
Magnesium	**32600**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:26	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:26	7440-09-7	
Sodium	**304000**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:26	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**718000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:26		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 23:55	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 23:55	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 23:55	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 23:55	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 23:55	67-64-1	L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 23:55	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-62 **Lab ID: 7082579002** Collected: 03/15/19 09:36 Received: 03/16/19 10:00 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		03/21/19 23:55	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 23:55	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 23:55	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-05-4	
Vinyl chloride	**34.5**	ug/L	1.0	1		03/21/19 23:55	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 23:55	1330-20-7	
cis-1,2-Dichloroethene	**311**	ug/L	5.0	5		03/22/19 00:14	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 23:55	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	98-06-6	
trans-1,2-Dichloroethene	**17.6**	ug/L	1.0	1		03/21/19 23:55	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	68-153	1		03/21/19 23:55	17060-07-0	
4-Bromofluorobenzene (S)	100	%	79-124	1		03/21/19 23:55	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		03/21/19 23:55	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**599**	mg/L	100	50		03/28/19 17:56	16887-00-6	
Sulfate	**130**	mg/L	50.0	10		03/27/19 19:37	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:09	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:09	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:23	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-65 **Lab ID: 7082579003** Collected: 03/15/19 09:20 Received: 03/16/19 10:00 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	**150000**	ug/L	2500	1	03/19/19 08:47	03/19/19 21:31		
Calcium	**60100**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:31	7440-70-2	
Hardness, Magnesium	**50600**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:31		N3
Magnesium	**12300**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:31	7439-95-4	
Potassium	**8740**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:31	7440-09-7	
Sodium	**626000**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:31	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**201000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:31		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 21:02	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 21:02	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 21:02	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 21:02	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 21:02	67-64-1	L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-83-9	CL,M1
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 21:02	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-65 **Lab ID: 7082579003** Collected: 03/15/19 09:20 Received: 03/16/19 10:00 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		03/21/19 21:02	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	87-68-3	CL,M1
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 21:02	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 21:02	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 21:02	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 21:02	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	68-153	1		03/21/19 21:02	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		03/21/19 21:02	460-00-4	
Toluene-d8 (S)	94	%	69-124	1		03/21/19 21:02	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1120**	mg/L	200	100		03/27/19 21:17	16887-00-6	
Sulfate	**38.2**	mg/L	5.0	1		03/28/19 18:12	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:10	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:10	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:24	14797-65-0	M1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-67 **Lab ID: 7082579004** Collected: 03/15/19 09:58 Received: 03/16/19 10:00 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	**517000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:11		
Calcium	**207000**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:11	7440-70-2	
Hardness, Magnesium	**197000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:11		N3
Magnesium	**47900**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:11	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:11	7440-09-7	
Sodium	**205000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:11	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**714000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:11		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-34-3	
1,1-Dichloroethene	**4.3**	ug/L	1.0	1		03/21/19 22:38	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 22:38	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 22:38	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 22:38	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 22:38	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 22:38	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 22:38	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-67 **Lab ID: 7082579004** Collected: 03/15/19 09:58 Received: 03/16/19 10:00 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		03/21/19 22:38	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 22:38	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 22:38	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-05-4	
Vinyl chloride	**476**	ug/L	50.0	50		03/22/19 19:25	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 22:38	1330-20-7	
cis-1,2-Dichloroethene	**4370**	ug/L	50.0	50		03/22/19 19:25	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 22:38	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	98-06-6	
trans-1,2-Dichloroethene	**148**	ug/L	1.0	1		03/21/19 22:38	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	68-153	1		03/21/19 22:38	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		03/21/19 22:38	460-00-4	
Toluene-d8 (S)	91	%	69-124	1		03/21/19 22:38	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**465**	mg/L	200	100		03/27/19 22:24	16887-00-6	
Sulfate	**68.3**	mg/L	25.0	5		03/27/19 22:07	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:13	14797-55-8	
Nitrate-Nitrite (as N)	**0.058**	mg/L	0.050	1		03/17/19 00:13	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:28	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70S **Lab ID: 7082579005** Collected: 03/15/19 10:30 Received: 03/16/19 10:00 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	**532000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:16		
Calcium	**213000**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:16	7440-70-2	
Hardness, Magnesium	**194000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:16		N3
Magnesium	**47100**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:16	7439-95-4	
Potassium	**6320**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:16	7440-09-7	
Sodium	**354000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:16	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**726000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:16		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 00:33	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 00:33	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 00:33	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 00:33	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 00:33	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 00:33	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70S **Lab ID: 7082579005** Collected: 03/15/19 10:30 Received: 03/16/19 10:00 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		03/22/19 00:33	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 00:33	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 00:33	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 00:33	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 00:33	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		03/22/19 00:33	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		03/22/19 00:33	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		03/22/19 00:33	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**742**	mg/L	100	50		03/27/19 22:58	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		03/27/19 22:41	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:14	14797-55-8	
Nitrate-Nitrite (as N)	**0.056**	mg/L	0.050	1		03/17/19 00:14	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:29	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70D **Lab ID: 7082579006** Collected: 03/15/19 10:43 Received: 03/16/19 10:00 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	**191000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:22		
Calcium	**76600**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:22	7440-70-2	
Hardness, Magnesium	**56600**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:22		N3
Magnesium	**13700**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:22	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:22	7440-09-7	
Sodium	**175000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:22	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**248000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:22		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	120-82-1	CL
1,2,4-Trimethylbenzene	**7.4**	ug/L	1.0	1		03/22/19 00:52	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 00:52	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 00:52	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 00:52	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 00:52	108-10-1	
Acetone	**17.1**	ug/L	5.0	1		03/22/19 00:52	67-64-1	CH,IH,L1
Benzene	**9.3**	ug/L	1.0	1		03/22/19 00:52	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 00:52	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70D **Lab ID: 7082579006** Collected: 03/15/19 10:43 Received: 03/16/19 10:00 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		03/22/19 00:52	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 00:52	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 00:52	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 00:52	1330-20-7	
cis-1,2-Dichloroethene	**1.8**	ug/L	1.0	1		03/22/19 00:52	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 00:52	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		03/22/19 00:52	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		03/22/19 00:52	460-00-4	
Toluene-d8 (S)	89	%	69-124	1		03/22/19 00:52	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**366**	mg/L	20.0	10		03/28/19 00:04	16887-00-6	
Sulfate	**24.4**	mg/L	5.0	1		03/27/19 23:48	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.34**	mg/L	0.050	1		03/17/19 00:16	14797-55-8	
Nitrate-Nitrite (as N)	**0.41**	mg/L	0.050	1		03/17/19 00:16	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**0.067**	mg/L	0.050	1		03/16/19 23:30	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: DUP X **Lab ID: 7082579007** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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	**622000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:27		
Calcium	**249000**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:27	7440-70-2	
Hardness, Magnesium	**133000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:27		N3
Magnesium	**32400**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:27	7439-95-4	
Potassium	**12000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:27	7440-09-7	
Sodium	**1270000**	ug/L	50000	10	03/19/19 08:47	03/20/19 14:42	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**755000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:27		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-34-3	
1,1-Dichloroethene	**7.6**	ug/L	1.0	1		03/21/19 23:16	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 23:16	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 23:16	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 23:16	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 23:16	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 23:16	67-64-1	L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 23:16	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: DUP X **Lab ID: 7082579007** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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		03/21/19 23:16	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 23:16	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 23:16	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	100-42-5	
Tetrachloroethene	**7.2**	ug/L	1.0	1		03/21/19 23:16	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-88-3	
Trichloroethene	**89.7**	ug/L	1.0	1		03/21/19 23:16	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-05-4	
Vinyl chloride	**175**	ug/L	1.0	1		03/21/19 23:16	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 23:16	1330-20-7	
cis-1,2-Dichloroethene	**3090**	ug/L	50.0	50		03/22/19 19:45	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 23:16	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	98-06-6	
trans-1,2-Dichloroethene	**34.3**	ug/L	1.0	1		03/21/19 23:16	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	68-153	1		03/21/19 23:16	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		03/21/19 23:16	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		03/21/19 23:16	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**2860**	mg/L	200	100		03/28/19 19:19	16887-00-6	
Sulfate	**221**	mg/L	50.0	10		03/28/19 00:38	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:17	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:17	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:31	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: TRIP BLANK **Lab ID: 7082579008** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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		03/21/19 20:24	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 20:24	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 20:24	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 20:24	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 20:24	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 20:24	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 20:24	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-00-3	CL
Chloroform	**<1.0**	ug/L	1.0	1		03/21/19 20:24	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 20:24	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 20:24	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-09-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: TRIP BLANK **Lab ID: 7082579008** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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		03/21/19 20:24	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 20:24	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 20:24	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	68-153	1		03/21/19 20:24	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		03/21/19 20:24	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		03/21/19 20:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 105964 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 489825 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<2500	2500	03/19/19 20:52	
Calcium	ug/L	<1000	1000	03/19/19 20:52	
Hardness, Magnesium	ug/L	<4100	4100	03/19/19 20:52	N3
Magnesium	ug/L	<1000	1000	03/19/19 20:52	
Potassium	ug/L	<5000	5000	03/19/19 20:52	
Sodium	ug/L	<5000	5000	03/19/19 20:52	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<4100	4100	03/19/19 20:52	

LABORATORY CONTROL SAMPLE: 489826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		65200			
Calcium	ug/L	25000	26100	105	85-115	
Hardness, Magnesium	ug/L		106000			N3
Magnesium	ug/L	25000	25800	103	85-115	
Potassium	ug/L	50000	49400	99	85-115	
Sodium	ug/L	50000	50300	101	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		172000			

MATRIX SPIKE SAMPLE: 489828

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	150000		218000			
Calcium	ug/L	60100	25000	87200	108	70-130	
Hardness, Magnesium	ug/L	50600		167000			N3
Magnesium	ug/L	12300	25000	40500	113	70-130	
Potassium	ug/L	8740	50000	67000	117	70-130	
Sodium	ug/L	626000	50000	679000	107	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	201000		384000			

SAMPLE DUPLICATE: 489827

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	150000	153000	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

SAMPLE DUPLICATE: 489827

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Calcium	ug/L	60100	61300	2	
Hardness, Magnesium	ug/L	50600	52000	3	N3
Magnesium	ug/L	12300	12600	3	
Potassium	ug/L	8740	8920	2	
Sodium	ug/L	626000	642000	3	
Tot Hardness asCaCO3 (SM 2340B	ug/L	201000	205000	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 106384 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007, 7082579008

METHOD BLANK: 492016 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007, 7082579008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
1,1-Dichloropropene	ug/L	<1.0	1.0	03/21/19 19:06	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	CL
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
2,2-Dichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
2-Butanone (MEK)	ug/L	<5.0	5.0	03/21/19 19:06	
2-Chlorotoluene	ug/L	<1.0	1.0	03/21/19 19:06	
2-Hexanone	ug/L	<5.0	5.0	03/21/19 19:06	
4-Chlorotoluene	ug/L	<1.0	1.0	03/21/19 19:06	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/21/19 19:06	
Acetone	ug/L	<5.0	5.0	03/21/19 19:06	
Benzene	ug/L	<1.0	1.0	03/21/19 19:06	
Bromobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Bromochloromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Bromodichloromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Bromoform	ug/L	<1.0	1.0	03/21/19 19:06	
Bromomethane	ug/L	<1.0	1.0	03/21/19 19:06	CL
Carbon disulfide	ug/L	<1.0	1.0	03/21/19 19:06	
Carbon tetrachloride	ug/L	<1.0	1.0	03/21/19 19:06	
Chlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Chloroethane	ug/L	<1.0	1.0	03/21/19 19:06	CL
Chloroform	ug/L	<1.0	1.0	03/21/19 19:06	
Chloromethane	ug/L	<1.0	1.0	03/21/19 19:06	CL
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/21/19 19:06	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

METHOD BLANK: 492016 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007, 7082579008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Dibromomethane	ug/L	<1.0	1.0	03/21/19 19:06	
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/21/19 19:06	CL,IL
Ethylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/21/19 19:06	CL
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/21/19 19:06	
m&p-Xylene	ug/L	<2.0	2.0	03/21/19 19:06	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	03/21/19 19:06	
Methylene Chloride	ug/L	<1.0	1.0	03/21/19 19:06	
n-Butylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
n-Propylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Naphthalene	ug/L	<1.0	1.0	03/21/19 19:06	
o-Xylene	ug/L	<1.0	1.0	03/21/19 19:06	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/21/19 19:06	
sec-Butylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Styrene	ug/L	<1.0	1.0	03/21/19 19:06	
tert-Butylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Tetrachloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
Toluene	ug/L	<1.0	1.0	03/21/19 19:06	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/21/19 19:06	
Trichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
Trichlorofluoromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Vinyl acetate	ug/L	<1.0	1.0	03/21/19 19:06	
Vinyl chloride	ug/L	<1.0	1.0	03/21/19 19:06	CL
Xylene (Total)	ug/L	<3.0	3.0	03/21/19 19:06	
1,2-Dichloroethane-d4 (S)	%	99	68-153	03/21/19 19:06	
4-Bromofluorobenzene (S)	%	97	79-124	03/21/19 19:06	
Toluene-d8 (S)	%	95	69-124	03/21/19 19:06	

LABORATORY CONTROL SAMPLE: 492017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	74-113	
1,1,1-Trichloroethane	ug/L	50	61.2	122	65-118	L1
1,1,2,2-Tetrachloroethane	ug/L	50	47.0	94	74-121	
1,1,2-Trichloroethane	ug/L	50	53.6	107	80-117	
1,1-Dichloroethane	ug/L	50	58.3	117	83-151	
1,1-Dichloroethene	ug/L	50	70.7	141	45-146	
1,1-Dichloropropene	ug/L	50	56.2	112	59-127	
1,2,3-Trichlorobenzene	ug/L	50	42.5	85	67-103	CL
1,2,3-Trichloropropane	ug/L	50	52.2	104	71-123	
1,2,4-Trichlorobenzene	ug/L	50	43.1	86	66-116	CL
1,2,4-Trimethylbenzene	ug/L	50	52.3	105	68-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

LABORATORY CONTROL SAMPLE: 492017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	57.7	115	83-115	
1,2-Dichlorobenzene	ug/L	50	49.2	98	74-113	
1,2-Dichloroethane	ug/L	50	67.6	135	74-129	CH,L1
1,2-Dichloropropane	ug/L	50	48.2	96	75-117	
1,3,5-Trimethylbenzene	ug/L	50	48.7	97	67-116	
1,3-Dichlorobenzene	ug/L	50	51.4	103	71-112	
1,3-Dichloropropane	ug/L	50	45.7	91	74-112	
1,4-Dichlorobenzene	ug/L	50	50.6	101	71-113	
2,2-Dichloropropane	ug/L	50	71.7	143	63-133	L1
2-Butanone (MEK)	ug/L	50	56.9	114	44-162	
2-Chlorotoluene	ug/L	50	50.3	101	74-101	
2-Hexanone	ug/L	50	53.3	107	32-183	
4-Chlorotoluene	ug/L	50	48.8	98	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	50.5	101	69-132	
Acetone	ug/L	50	100	201	23-188	CH,IH,L1
Benzene	ug/L	50	53.3	107	73-119	
Bromobenzene	ug/L	50	48.4	97	72-102	
Bromochloromethane	ug/L	50	59.6	119	81-116	L1
Bromodichloromethane	ug/L	50	60.1	120	78-117	L1
Bromoform	ug/L	50	46.2	92	65-122	
Bromomethane	ug/L	50	36.2	72	52-147	CL
Carbon disulfide	ug/L	50	52.9	106	41-144	
Carbon tetrachloride	ug/L	50	60.4	121	59-120	L1
Chlorobenzene	ug/L	50	51.4	103	75-113	
Chloroethane	ug/L	50	51.2	102	49-151	CL
Chloroform	ug/L	50	65.1	130	72-122	L1
Chloromethane	ug/L	50	30.7	61	46-144	CL
cis-1,2-Dichloroethene	ug/L	50	60.6	121	72-121	
cis-1,3-Dichloropropene	ug/L	50	57.7	115	78-116	
Dibromochloromethane	ug/L	50	50.7	101	70-120	
Dibromomethane	ug/L	50	56.3	113	75-125	
Dichlorodifluoromethane	ug/L	50	39.8	80	22-154	CL,IL
Ethylbenzene	ug/L	50	51.6	103	70-113	
Hexachloro-1,3-butadiene	ug/L	50	37.0	74	59-121	CL
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	67-115	
m&p-Xylene	ug/L	100	109	109	72-115	
Methyl-tert-butyl ether	ug/L	50	59.8	120	72-131	
Methylene Chloride	ug/L	50	53.4	107	61-142	
n-Butylbenzene	ug/L	50	52.4	105	73-107	
n-Propylbenzene	ug/L	50	52.0	104	68-116	
Naphthalene	ug/L	50	44.3	89	70-118	
o-Xylene	ug/L	50	51.4	103	73-117	
p-Isopropyltoluene	ug/L	50	50.9	102	73-101	L1
sec-Butylbenzene	ug/L	50	51.3	103	72-103	
Styrene	ug/L	50	53.5	107	72-118	
tert-Butylbenzene	ug/L	50	50.2	100	68-100	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

LABORATORY CONTROL SAMPLE: 492017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	44.6	89	60-128	
Toluene	ug/L	50	56.3	113	72-119	
trans-1,2-Dichloroethene	ug/L	50	59.6	119	56-142	
trans-1,3-Dichloropropene	ug/L	50	60.1	120	79-116	L1
Trichloroethene	ug/L	50	55.7	111	69-117	
Trichlorofluoromethane	ug/L	50	73.2	146	27-173	
Vinyl acetate	ug/L	50	55.4	111	20-158	
Vinyl chloride	ug/L	50	39.3	79	43-143	CL
Xylene (Total)	ug/L	150	160	107	71-109	
1,2-Dichloroethane-d4 (S)	%			110	68-153	
4-Bromofluorobenzene (S)	%			99	79-124	
Toluene-d8 (S)	%			89	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492264 492265

Parameter	Units	7082579003 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	48.5	45.6	97	91	74-113	6	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	53.3	52.7	107	105	65-118	1	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	43.9	42.5	88	85	74-121	3	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	48.1	53.0	96	106	80-117	10	
1,1-Dichloroethane	ug/L	<1.0	50	50	52.9	50.2	106	100	83-151	5	
1,1-Dichloroethene	ug/L	<1.0	50	50	53.0	57.0	106	114	45-146	7	
1,1-Dichloropropene	ug/L	<1.0	50	50	49.7	46.4	99	93	59-127	7	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	34.9	34.1	70	68	67-103	3	CL
1,2,3-Trichloropropane	ug/L	<1.0	50	50	49.4	45.6	99	91	71-123	8	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	35.5	34.5	71	69	66-116	3	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	47.7	44.6	95	89	68-116	7	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	41.3	41.0	83	82	74-119	1	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	53.6	55.9	107	112	83-115	4	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	45.5	42.9	91	86	74-113	6	
1,2-Dichloroethane	ug/L	<1.0	50	50	59.9	60.2	120	120	74-129	1	CH
1,2-Dichloropropane	ug/L	<1.0	50	50	43.9	42.1	88	84	75-117	4	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	47.4	44.3	95	89	67-116	7	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	47.0	43.5	94	87	71-112	8	
1,3-Dichloropropane	ug/L	<1.0	50	50	45.3	43.0	91	86	74-112	5	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	46.6	43.6	93	87	71-113	7	
2,2-Dichloropropane	ug/L	<1.0	50	50	61.7	60.2	123	120	63-133	2	
2-Butanone (MEK)	ug/L	<5.0	50	50	43.8	43.7	88	87	44-162	0	
2-Chlorotoluene	ug/L	<1.0	50	50	47.6	44.3	95	89	74-101	7	
2-Hexanone	ug/L	<5.0	50	50	42.3	40.9	85	82	32-183	3	
4-Chlorotoluene	ug/L	<1.0	50	50	48.0	44.7	96	89	74-101	7	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	44.1	47.8	88	96	69-132	8	
Acetone	ug/L	<5.0	50	50	47.9	51.1	96	102	23-188	6	CH,IH
Benzene	ug/L	<1.0	50	50	47.6	44.7	95	89	73-119	6	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492264 492265

Parameter	Units	7082579003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Bromobenzene	ug/L	<1.0	50	50	45.3	42.5	91	85	72-102	6	
Bromochloromethane	ug/L	<1.0	50	50	56.0	51.6	112	103	81-116	8	
Bromodichloromethane	ug/L	<1.0	50	50	52.9	55.2	106	110	78-117	4	
Bromoform	ug/L	<1.0	50	50	40.8	40.7	82	81	65-122	0	
Bromomethane	ug/L	<1.0	50	50	25.0	30.0	50	60	52-147	18	CL,M1
Carbon disulfide	ug/L	<1.0	50	50	42.2	44.4	84	89	41-144	5	
Carbon tetrachloride	ug/L	<1.0	50	50	52.3	50.3	105	101	59-120	4	
Chlorobenzene	ug/L	<1.0	50	50	47.2	44.5	94	89	75-113	6	
Chloroethane	ug/L	<1.0	50	50	40.8	42.4	82	85	49-151	4	CL
Chloroform	ug/L	<1.0	50	50	58.4	56.9	117	114	72-122	3	
Chloromethane	ug/L	<1.0	50	50	23.5	25.2	47	50	46-144	7	CL
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	56.4	52.1	113	104	72-121	8	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	49.3	51.9	99	104	78-116	5	
Dibromochloromethane	ug/L	<1.0	50	50	47.4	46.1	95	92	70-120	3	
Dibromomethane	ug/L	<1.0	50	50	50.5	53.8	101	108	75-125	6	
Dichlorodifluoromethane	ug/L	<1.0	50	50	31.6	31.0	63	62	22-154	2	CL,IL
Ethylbenzene	ug/L	<1.0	50	50	48.3	45.3	97	91	70-113	6	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	27.0	25.4	54	51	59-121	6	CL,M1
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	48.2	44.4	96	89	67-115	8	
m&p-Xylene	ug/L	<2.0	100	100	99.2	94.9	99	95	72-115	5	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	47.7	51.6	95	103	72-131	8	
Methylene Chloride	ug/L	<1.0	50	50	44.1	47.2	88	94	61-142	7	
n-Butylbenzene	ug/L	<1.0	50	50	43.7	42.2	87	84	73-107	4	
n-Propylbenzene	ug/L	<1.0	50	50	47.3	44.1	95	88	68-116	7	
Naphthalene	ug/L	<1.0	50	50	39.0	38.9	78	78	70-118	0	
o-Xylene	ug/L	<1.0	50	50	47.1	45.0	94	90	73-117	4	
p-Isopropyltoluene	ug/L	<1.0	50	50	44.9	42.2	90	84	73-101	6	
sec-Butylbenzene	ug/L	<1.0	50	50	44.4	42.2	89	84	72-103	5	
Styrene	ug/L	<1.0	50	50	49.8	47.1	100	94	72-118	5	
tert-Butylbenzene	ug/L	<1.0	50	50	44.5	41.9	89	84	68-100	6	
Tetrachloroethene	ug/L	<1.0	50	50	43.5	40.9	87	82	60-128	6	
Toluene	ug/L	<1.0	50	50	49.7	52.1	99	104	72-119	5	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	48.5	50.3	97	101	56-142	4	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	51.8	54.7	104	109	79-116	6	
Trichloroethene	ug/L	<1.0	50	50	50.2	47.9	100	96	69-117	5	
Trichlorofluoromethane	ug/L	<1.0	50	50	57.5	60.9	115	122	27-173	6	
Vinyl acetate	ug/L	<1.0	50	50	45.7	45.7	91	91	20-158	0	
Vinyl chloride	ug/L	<1.0	50	50	31.0	33.6	62	67	43-143	8	CL
Xylene (Total)	ug/L	<3.0	150	150	146	140	98	93	71-109	4	
1,2-Dichloroethane-d4 (S)	%						104	106	68-153		
4-Bromofluorobenzene (S)	%						103	101	79-124		
Toluene-d8 (S)	%						95	93	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 107086 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 495310 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	03/27/19 18:13	
Sulfate	mg/L	<5.0	5.0	03/27/19 18:13	

LABORATORY CONTROL SAMPLE: 495311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.2	102	90-110	
Sulfate	mg/L	10	9.8	98	90-110	

MATRIX SPIKE SAMPLE: 495312

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1120	1000	2170	105	80-120	
Sulfate	mg/L	38.2	100	150	112	80-120	

SAMPLE DUPLICATE: 495313

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1120	1120	0	
Sulfate	mg/L	38.2	<50.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 105678 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 488706 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	03/16/19 23:19	

LABORATORY CONTROL SAMPLE: 488707

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: 488708

Parameter	Units	7082602001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.60	116	90-110	H3,M1

MATRIX SPIKE SAMPLE: 488710

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.61	116	90-110	M1

SAMPLE DUPLICATE: 488709

Parameter	Units	7082602001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		H3

SAMPLE DUPLICATE: 488711

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 105679 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 488712 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	03/17/19 00:04	

LABORATORY CONTROL SAMPLE: 488713

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: 488714

Parameter	Units	7082602001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.6	5	10.5	98	90-110	H3

MATRIX SPIKE SAMPLE: 488716

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.52	99	90-110	

SAMPLE DUPLICATE: 488715

Parameter	Units	7082602001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.6	5.5	2	H3

SAMPLE DUPLICATE: 488717

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

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: 7082579001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579004
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579005
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579006
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579007
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492264
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492265
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

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.
H3	Sample was received or analysis requested beyond the recognized method holding time.
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.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7082579001	**MW-46**	EPA 200.7	105964	EPA 200.7	105971
7082579002	**MW-62**	EPA 200.7	105964	EPA 200.7	105971
7082579003	**MW-65**	EPA 200.7	105964	EPA 200.7	105971
7082579004	**MW-67**	EPA 200.7	105964	EPA 200.7	105971
7082579005	**MW-70S**	EPA 200.7	105964	EPA 200.7	105971
7082579006	**MW-70D**	EPA 200.7	105964	EPA 200.7	105971
7082579007	**DUP X**	EPA 200.7	105964	EPA 200.7	105971
7082579001	**MW-46**	EPA 8260C/5030C	106384		
7082579002	**MW-62**	EPA 8260C/5030C	106384		
7082579003	**MW-65**	EPA 8260C/5030C	106384		
7082579004	**MW-67**	EPA 8260C/5030C	106384		
7082579005	**MW-70S**	EPA 8260C/5030C	106384		
7082579006	**MW-70D**	EPA 8260C/5030C	106384		
7082579007	**DUP X**	EPA 8260C/5030C	106384		
7082579008	**TRIP BLANK**	EPA 8260C/5030C	106384		
7082579001	**MW-46**	EPA 300.0	107086		
7082579002	**MW-62**	EPA 300.0	107086		
7082579003	**MW-65**	EPA 300.0	107086		
7082579004	**MW-67**	EPA 300.0	107086		
7082579005	**MW-70S**	EPA 300.0	107086		
7082579006	**MW-70D**	EPA 300.0	107086		
7082579007	**DUP X**	EPA 300.0	107086		
7082579001	**MW-46**	EPA 353.2	105679		
7082579002	**MW-62**	EPA 353.2	105679		
7082579003	**MW-65**	EPA 353.2	105679		
7082579004	**MW-67**	EPA 353.2	105679		
7082579005	**MW-70S**	EPA 353.2	105679		
7082579006	**MW-70D**	EPA 353.2	105679		
7082579007	**DUP X**	EPA 353.2	105679		
7082579001	**MW-46**	EPA 353.2	105678		
7082579002	**MW-62**	EPA 353.2	105678		
7082579003	**MW-65**	EPA 353.2	105678		
7082579004	**MW-67**	EPA 353.2	105678		
7082579005	**MW-70S**	EPA 353.2	105678		
7082579006	**MW-70D**	EPA 353.2	105678		
7082579007	**DUP X**	EPA 353.2	105678		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in #

WO#:7082579

7082579

LAB USE ONLY

Company: BARTON & LOGUIDICE	Billing Information:
Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205	
Report To: ANDY BARBER	Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM
Copy To: CORINNE STEINMULLER	Site Collection Info/Address: SCHENECTADY, NY 12308
Customer Project Name/Number: ALCO QUARTERLY GW (Q1)	State NY County/City SCHENECTADY Time Zone Collected EST
Phone: (518)218-1801 Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM	Site/Facility ID # / Compliance Monitoring? [ ] Yes [ ] No
C. STEINMULLER	Purchase Order # / DW PWS ID #: / Quote # / DW Location Code #:
Collected by (signature):	Turnaround Date Required: 2 WEEK / Immediately Packed on Ice? [ ] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive [ ] Hold	RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

* 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)

| | | |

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

June 13, 2019

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

RE: Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-19 **Lab ID: 7092292001** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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	**479000**	ug/L	500	1	06/07/19 10:03	06/10/19 22:56		
Calcium	**192000**	ug/L	200	1	06/07/19 10:03	06/10/19 22:56	7440-70-2	
Hardness, Magnesium	**81500**	ug/L	824	1	06/07/19 10:03	06/10/19 22:56		N3
Magnesium	**19800**	ug/L	200	1	06/07/19 10:03	06/10/19 22:56	7439-95-4	
Potassium	**8820**	ug/L	5000	1	06/07/19 10:03	06/10/19 22:56	7440-09-7	
Sodium	**689000**	ug/L	5000	1	06/07/19 10:03	06/10/19 22:56	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**561000**	ug/L	1320	1	06/07/19 10:03	06/10/19 22:56		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 00:39	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 00:39	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 00:39	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 00:39	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 00:39	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 00:39	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-19 **Lab ID: 7092292001** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/08/19 00:39	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 00:39	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 00:39	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	100-42-5	
Tetrachloroethene	**448**	ug/L	10.0	10		06/10/19 23:58	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-88-3	
Trichloroethene	**54.4**	ug/L	1.0	1		06/08/19 00:39	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-05-4	
Vinyl chloride	**3.0**	ug/L	1.0	1		06/08/19 00:39	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 00:39	1330-20-7	
cis-1,2-Dichloroethene	**70.2**	ug/L	1.0	1		06/08/19 00:39	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 00:39	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	1		06/08/19 00:39	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		06/08/19 00:39	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		06/08/19 00:39	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**967**	mg/L	200	100		06/10/19 23:05	16887-00-6	
Sulfate	**43.2**	mg/L	5.0	1		06/11/19 21:50	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.17**	mg/L	0.050	1		06/06/19 22:06	14797-55-8	
Nitrate-Nitrite (as N)	**0.17**	mg/L	0.050	1		06/06/19 22:06	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:47	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-46 **Lab ID: 7092292002** Collected: 06/05/19 10:42 Received: 06/06/19 11:00 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	**528000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:01		
Calcium	**211000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:01	7440-70-2	
Hardness, Magnesium	**113000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:01		N3
Magnesium	**27400**	ug/L	200	1	06/07/19 10:03	06/10/19 23:01	7439-95-4	
Potassium	**12000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:01	7440-09-7	
Sodium	**1150000**	ug/L	50000	10	06/07/19 10:03	06/11/19 12:29	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**640000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:01		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-34-3	
1,1-Dichloroethene	**3.3**	ug/L	1.0	1		06/08/19 00:57	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 00:57	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 00:57	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 00:57	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 00:57	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 00:57	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 00:57	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-46 **Lab ID: 7092292002** Collected: 06/05/19 10:42 Received: 06/06/19 11:00 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		06/08/19 00:57	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 00:57	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 00:57	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	100-42-5	
Tetrachloroethene	**8.3**	ug/L	1.0	1		06/08/19 00:57	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-88-3	
Trichloroethene	**57.3**	ug/L	1.0	1		06/08/19 00:57	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-05-4	
Vinyl chloride	**79.2**	ug/L	1.0	1		06/08/19 00:57	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 00:57	1330-20-7	
cis-1,2-Dichloroethene	**1600**	ug/L	20.0	20		06/11/19 00:16	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 00:57	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	98-06-6	
trans-1,2-Dichloroethene	**8.7**	ug/L	1.0	1		06/08/19 00:57	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 00:57	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		06/08/19 00:57	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		06/08/19 00:57	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1930**	mg/L	200	100		06/10/19 23:38	16887-00-6	
Sulfate	**187**	mg/L	50.0	10		06/10/19 23:22	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:07	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:07	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:48	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-62 **Lab ID: 7092292003** Collected: 06/05/19 09:24 Received: 06/06/19 11:00 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	**992000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:07		
Calcium	**397000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:07	7440-70-2	
Hardness, Magnesium	**253000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:07		N3
Magnesium	**61400**	ug/L	200	1	06/07/19 10:03	06/10/19 23:07	7439-95-4	
Potassium	**11000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:07	7440-09-7	
Sodium	**801000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:07	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1240000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:07		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 01:15	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 01:15	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 01:15	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 01:15	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 01:15	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 01:15	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-62 **Lab ID: 7092292003** Collected: 06/05/19 09:24 Received: 06/06/19 11:00 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		06/08/19 01:15	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 01:15	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 01:15	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-05-4	
Vinyl chloride	**81.6**	ug/L	1.0	1		06/08/19 01:15	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 01:15	1330-20-7	
cis-1,2-Dichloroethene	**584**	ug/L	10.0	10		06/11/19 00:34	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 01:15	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	98-06-6	
trans-1,2-Dichloroethene	**32.8**	ug/L	1.0	1		06/08/19 01:15	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 01:15	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		06/08/19 01:15	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		06/08/19 01:15	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1690**	mg/L	100	50		06/11/19 00:12	16887-00-6	
Sulfate	**320**	mg/L	50.0	10		06/10/19 23:55	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:08	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:08	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:50	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64S **Lab ID: 7092292004** Collected: 06/05/19 08:53 Received: 06/06/19 11:00 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	**347000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:13		
Calcium	**139000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:13	7440-70-2	
Hardness, Magnesium	**76900**	ug/L	824	1	06/07/19 10:03	06/10/19 23:13		N3
Magnesium	**18700**	ug/L	200	1	06/07/19 10:03	06/10/19 23:13	7439-95-4	
Potassium	**7780**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:13	7440-09-7	
Sodium	**40400**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:13	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**424000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:13		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/10/19 21:17	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/10/19 21:17	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/10/19 21:17	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/10/19 21:17	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/10/19 21:17	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/10/19 21:17	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64S **Lab ID: 7092292004** Collected: 06/05/19 08:53 Received: 06/06/19 11:00 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		06/10/19 21:17	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/10/19 21:17	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/10/19 21:17	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	91-20-3	CL,L2
Styrene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/10/19 21:17	1330-20-7	
cis-1,2-Dichloroethene	**3.6**	ug/L	1.0	1		06/10/19 21:17	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/10/19 21:17	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		06/10/19 21:17	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		06/10/19 21:17	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		06/10/19 21:17	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**124**	mg/L	10.0	5		06/11/19 01:19	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		06/11/19 01:02	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:09	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:09	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:51	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64D **Lab ID: 7092292005** Collected: 06/05/19 09:10 Received: 06/06/19 11:00 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	**953000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:18		
Calcium	**382000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:18	7440-70-2	
Hardness, Magnesium	**283000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:18		N3
Magnesium	**68700**	ug/L	200	1	06/07/19 10:03	06/10/19 23:18	7439-95-4	
Potassium	**6950**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:18	7440-09-7	
Sodium	**591000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:18	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1240000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:18		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-34-3	
1,1-Dichloroethene	**5.3**	ug/L	1.0	1		06/08/19 01:51	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 01:51	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 01:51	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 01:51	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 01:51	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 01:51	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 01:51	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64D **Lab ID: 7092292005** Collected: 06/05/19 09:10 Received: 06/06/19 11:00 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		06/08/19 01:51	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 01:51	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 01:51	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-88-3	
Trichloroethene	**179**	ug/L	1.0	1		06/08/19 01:51	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-05-4	
Vinyl chloride	**76.7**	ug/L	1.0	1		06/08/19 01:51	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 01:51	1330-20-7	
cis-1,2-Dichloroethene	**844**	ug/L	10.0	10		06/11/19 00:52	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 01:51	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	98-06-6	
trans-1,2-Dichloroethene	**16.1**	ug/L	1.0	1		06/08/19 01:51	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	68-153	1		06/08/19 01:51	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/08/19 01:51	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		06/08/19 01:51	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1150**	mg/L	200	100		06/11/19 01:52	16887-00-6	
Sulfate	**392**	mg/L	50.0	10		06/11/19 01:36	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:10	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:10	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:52	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-65 **Lab ID: 7092292006** Collected: 06/05/19 08:19 Received: 06/06/19 11:00 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	**829000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:24		
Calcium	**332000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:24	7440-70-2	M1
Hardness, Magnesium	**278000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:24		N3
Magnesium	**67500**	ug/L	200	1	06/07/19 10:03	06/10/19 23:24	7439-95-4	
Potassium	**8350**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:24	7440-09-7	
Sodium	**635000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:24	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1110000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:24		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	630-20-6	
1,1,1-Trichloroethane	**1.8**	ug/L	1.0	1		06/08/19 03:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-34-3	
1,1-Dichloroethene	**1.3**	ug/L	1.0	1		06/08/19 03:39	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	87-61-6	CL,M1
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 03:39	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 03:39	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 03:39	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 03:39	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 03:39	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-83-9	
Carbon disulfide	**1.5**	ug/L	1.0	1		06/08/19 03:39	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 03:39	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-65 **Lab ID: 7092292006** Collected: 06/05/19 08:19 Received: 06/06/19 11:00 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		06/08/19 03:39	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 03:39	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 03:39	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	91-20-3	CL,M1
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	100-42-5	
Tetrachloroethene	**162**	ug/L	1.0	1		06/08/19 03:39	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-88-3	
Trichloroethene	**97.6**	ug/L	1.0	1		06/08/19 03:39	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-05-4	
Vinyl chloride	**21.1**	ug/L	1.0	1		06/08/19 03:39	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 03:39	1330-20-7	
cis-1,2-Dichloroethene	**414**	ug/L	10.0	10		06/11/19 01:10	156-59-2	M1
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 03:39	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	98-06-6	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.0	1		06/08/19 03:39	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 03:39	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		06/08/19 03:39	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		06/08/19 03:39	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1320**	mg/L	200	100		06/11/19 02:59	16887-00-6	
Sulfate	**248**	mg/L	50.0	10		06/11/19 22:07	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.099**	mg/L	0.050	1		06/06/19 22:11	14797-55-8	
Nitrate-Nitrite (as N)	**0.099**	mg/L	0.050	1		06/06/19 22:11	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:53	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-67 **Lab ID: 7092292007** Collected: 06/05/19 10:05 Received: 06/06/19 11:00 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	**595000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:56		
Calcium	**238000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:56	7440-70-2	
Hardness, Magnesium	**175000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:56		N3
Magnesium	**42400**	ug/L	200	1	06/07/19 10:03	06/10/19 23:56	7439-95-4	
Potassium	**8100**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:56	7440-09-7	
Sodium	**562000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:56	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**770000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:56		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-34-3	
1,1-Dichloroethene	**2.2**	ug/L	1.0	1		06/08/19 02:09	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 02:09	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 02:09	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 02:09	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 02:09	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 02:09	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 02:09	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-67 **Lab ID: 7092292007** Collected: 06/05/19 10:05 Received: 06/06/19 11:00 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		06/08/19 02:09	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 02:09	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 02:09	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	100-42-5	
Tetrachloroethene	**49.8**	ug/L	1.0	1		06/08/19 02:09	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-88-3	
Trichloroethene	**88.0**	ug/L	1.0	1		06/08/19 02:09	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-05-4	
Vinyl chloride	**184**	ug/L	1.0	1		06/08/19 02:09	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 02:09	1330-20-7	
cis-1,2-Dichloroethene	**2060**	ug/L	50.0	50		06/11/19 01:28	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 02:09	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	98-06-6	
trans-1,2-Dichloroethene	**14.3**	ug/L	1.0	1		06/08/19 02:09	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		06/08/19 02:09	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		06/08/19 02:09	460-00-4	
Toluene-d8 (S)	100	%	69-124	1		06/08/19 02:09	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**959**	mg/L	200	100		06/11/19 04:40	16887-00-6	
Sulfate	**122**	mg/L	25.0	5		06/11/19 04:23	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:17	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:17	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:59	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-68 **Lab ID: 7092292008** Collected: 06/05/19 09:48 Received: 06/06/19 11:00 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	**384000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:02		
Calcium	**154000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:02	7440-70-2	
Hardness, Magnesium	**112000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:02		N3
Magnesium	**27200**	ug/L	200	1	06/07/19 10:03	06/11/19 00:02	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:02	7440-09-7	
Sodium	**141000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:02	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**497000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:02		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	87-61-6	CL,M1
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/10/19 21:35	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/10/19 21:35	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/10/19 21:35	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/10/19 21:35	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/10/19 21:35	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/10/19 21:35	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-68 **Lab ID: 7092292008** Collected: 06/05/19 09:48 Received: 06/06/19 11:00 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		06/10/19 21:35	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/10/19 21:35	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/10/19 21:35	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	91-20-3	CL,L2, M0
Styrene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-05-4	
Vinyl chloride	**8.8**	ug/L	1.0	1		06/10/19 21:35	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/10/19 21:35	1330-20-7	
cis-1,2-Dichloroethene	**2.8**	ug/L	1.0	1		06/10/19 21:35	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/10/19 21:35	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		06/10/19 21:35	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		06/10/19 21:35	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		06/10/19 21:35	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**243**	mg/L	10.0	5		06/11/19 05:13	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		06/11/19 04:56	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:19	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:19	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:00	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70S **Lab ID: 7092292009** Collected: 06/05/19 11:06 Received: 06/06/19 11:00 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	**478000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:08		
Calcium	**191000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:08	7440-70-2	
Hardness, Magnesium	**186000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:08		N3
Magnesium	**45200**	ug/L	200	1	06/07/19 10:03	06/11/19 00:08	7439-95-4	
Potassium	**5130**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:08	7440-09-7	
Sodium	**267000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:08	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**664000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:08		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 02:45	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 02:45	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 02:45	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 02:45	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 02:45	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 02:45	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70S **Lab ID: 7092292009** Collected: 06/05/19 11:06 Received: 06/06/19 11:00 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		06/08/19 02:45	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 02:45	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 02:45	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 02:45	1330-20-7	
cis-1,2-Dichloroethene	**7.2**	ug/L	1.0	1		06/08/19 02:45	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 02:45	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		06/08/19 02:45	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		06/08/19 02:45	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		06/08/19 02:45	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**520**	mg/L	100	50		06/11/19 05:46	16887-00-6	
Sulfate	**<50.0**	mg/L	50.0	10		06/11/19 05:30	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.064**	mg/L	0.050	1		06/06/19 22:22	14797-55-8	
Nitrate-Nitrite (as N)	**0.064**	mg/L	0.050	1		06/06/19 22:22	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:04	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70D **Lab ID: 7092292010** Collected: 06/05/19 11:24 Received: 06/06/19 11:00 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	**492000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:13		
Calcium	**197000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:13	7440-70-2	
Hardness, Magnesium	**153000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:13		N3
Magnesium	**37000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:13	7439-95-4	
Potassium	**11600**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:13	7440-09-7	
Sodium	**142000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:13	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**645000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:13		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	120-82-1	
1,2,4-Trimethylbenzene	**21.8**	ug/L	1.0	1		06/08/19 03:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 03:03	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	78-87-5	
1,3,5-Trimethylbenzene	**3.2**	ug/L	1.0	1		06/08/19 03:03	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 03:03	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 03:03	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 03:03	108-10-1	
Acetone	**5.9**	ug/L	5.0	1		06/08/19 03:03	67-64-1	CL
Benzene	**36.2**	ug/L	1.0	1		06/08/19 03:03	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 03:03	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70D **Lab ID: 7092292010** Collected: 06/05/19 11:24 Received: 06/06/19 11:00 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		06/08/19 03:03	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	87-68-3	
Isopropylbenzene (Cumene)	**3.7**	ug/L	1.0	1		06/08/19 03:03	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 03:03	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-05-4	
Vinyl chloride	**1.2**	ug/L	1.0	1		06/08/19 03:03	75-01-4	
Xylene (Total)	**4.4**	ug/L	3.0	1		06/08/19 03:03	1330-20-7	
cis-1,2-Dichloroethene	**6.0**	ug/L	1.0	1		06/08/19 03:03	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	10061-01-5	
m&p-Xylene	**2.7**	ug/L	2.0	1		06/08/19 03:03	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	104-51-8	
n-Propylbenzene	**4.1**	ug/L	1.0	1		06/08/19 03:03	103-65-1	
o-Xylene	**1.7**	ug/L	1.0	1		06/08/19 03:03	95-47-6	
p-Isopropyltoluene	**1.1**	ug/L	1.0	1		06/08/19 03:03	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		06/08/19 03:03	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/08/19 03:03	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		06/08/19 03:03	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**228**	mg/L	20.0	10		06/11/19 06:20	16887-00-6	
Sulfate	**5.4**	mg/L	5.0	1		06/11/19 06:03	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.24**	mg/L	0.050	1		06/06/19 22:23	14797-55-8	
Nitrate-Nitrite (as N)	**0.24**	mg/L	0.050	1		06/06/19 22:23	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:05	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: DUP X **Lab ID: 7092292011** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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	**921000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:19		
Calcium	**369000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:19	7440-70-2	
Hardness, Magnesium	**272000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:19		N3
Magnesium	**66000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:19	7439-95-4	
Potassium	**6920**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:19	7440-09-7	
Sodium	**595000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:19	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1190000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:19		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-34-3	
1,1-Dichloroethene	**5.4**	ug/L	1.0	1		06/08/19 03:21	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 03:21	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 03:21	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 03:21	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 03:21	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 03:21	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 03:21	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: DUP X **Lab ID: 7092292011** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/08/19 03:21	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 03:21	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 03:21	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-88-3	
Trichloroethene	**198**	ug/L	1.0	1		06/08/19 03:21	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-05-4	
Vinyl chloride	**79.2**	ug/L	1.0	1		06/08/19 03:21	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 03:21	1330-20-7	
cis-1,2-Dichloroethene	**920**	ug/L	10.0	10		06/11/19 01:46	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 03:21	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	98-06-6	
trans-1,2-Dichloroethene	**17.0**	ug/L	1.0	1		06/08/19 03:21	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 03:21	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		06/08/19 03:21	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		06/08/19 03:21	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1140**	mg/L	200	100		06/11/19 06:53	16887-00-6	
Sulfate	**388**	mg/L	50.0	10		06/11/19 06:37	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:25	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:25	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:06	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: TRIP BLANK **Lab ID: 7092292012** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/07/19 21:58	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/07/19 21:58	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/07/19 21:58	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/07/19 21:58	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/07/19 21:58	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/07/19 21:58	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/07/19 21:58	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		06/07/19 21:58	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/07/19 21:58	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/07/19 21:58	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-09-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: TRIP BLANK **Lab ID: 7092292012** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/07/19 21:58	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/07/19 21:58	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/07/19 21:58	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	1		06/07/19 21:58	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		06/07/19 21:58	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		06/07/19 21:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116837 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

METHOD BLANK: 552848 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<500	500	06/10/19 15:11	
Calcium	ug/L	<200	200	06/10/19 15:11	
Hardness, Magnesium	ug/L	<824	824	06/10/19 15:11	N3
Magnesium	ug/L	<200	200	06/10/19 15:11	
Potassium	ug/L	<5000	5000	06/10/19 15:11	
Sodium	ug/L	<5000	5000	06/10/19 15:11	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<1320	1320	06/10/19 15:11	

LABORATORY CONTROL SAMPLE: 552849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		59700			
Calcium	ug/L	25000	23900	96	85-115	
Hardness, Magnesium	ug/L		97600			N3
Magnesium	ug/L	25000	23700	95	85-115	
Potassium	ug/L	50000	47400	95	85-115	
Sodium	ug/L	50000	47700	95	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		157000			

MATRIX SPIKE SAMPLE: 552851

Parameter	Units	7091763001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	166000		220000			
Calcium	ug/L	66400	25000	88100	87	70-130	
Hardness, Magnesium	ug/L	6950		103000			N3
Magnesium	ug/L	1690	25000	25000	93	70-130	
Potassium	ug/L	43400	50000	93100	99	70-130	
Sodium	ug/L	101000	50000	148000	92	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	173000		323000			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

MATRIX SPIKE SAMPLE: 552853

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	829000		858000			
Calcium	ug/L	332000	25000	344000	46	70-130	M1
Hardness, Magnesium	ug/L	278000		363000			N3
Magnesium	ug/L	67500	25000	88200	83	70-130	
Potassium	ug/L	8350	50000	63700	111	70-130	
Sodium	ug/L	635000	50000	681000	92	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	1110000		1220000			

SAMPLE DUPLICATE: 552850

Parameter	Units	7091763001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	166000	170000	2	
Calcium	ug/L	66400	67900	2	
Hardness, Magnesium	ug/L	6950	7160	3	N3
Magnesium	ug/L	1690	1740	3	
Potassium	ug/L	43400	44700	3	
Sodium	ug/L	101000	103000	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	173000	177000	2	

SAMPLE DUPLICATE: 552852

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	829000	828000	0	
Calcium	ug/L	332000	332000	0	
Hardness, Magnesium	ug/L	278000	277000	0	N3
Magnesium	ug/L	67500	67300	0	
Potassium	ug/L	8350	8490	2	
Sodium	ug/L	635000	637000	0	
Tot Hardness asCaCO3 (SM 2340B	ug/L	1110000	1110000	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116891 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292005, 7092292006, 7092292007, 7092292009, 7092292010, 7092292011, 7092292012

METHOD BLANK: 553404 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292005, 7092292006, 7092292007, 7092292009, 7092292010, 7092292011, 7092292012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1-Dichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1-Dichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
1,1-Dichloropropene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	CL
1,2,3-Trichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,3-Dichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
2,2-Dichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
2-Butanone (MEK)	ug/L	<5.0	5.0	06/07/19 20:45	CL,IL
2-Chlorotoluene	ug/L	<1.0	1.0	06/07/19 20:45	
2-Hexanone	ug/L	<5.0	5.0	06/07/19 20:45	
4-Chlorotoluene	ug/L	<1.0	1.0	06/07/19 20:45	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	06/07/19 20:45	
Acetone	ug/L	<5.0	5.0	06/07/19 20:45	CL
Benzene	ug/L	<1.0	1.0	06/07/19 20:45	
Bromobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Bromochloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Bromodichloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Bromoform	ug/L	<1.0	1.0	06/07/19 20:45	
Bromomethane	ug/L	<1.0	1.0	06/07/19 20:45	
Carbon disulfide	ug/L	<1.0	1.0	06/07/19 20:45	
Carbon tetrachloride	ug/L	<1.0	1.0	06/07/19 20:45	
Chlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Chloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
Chloroform	ug/L	<1.0	1.0	06/07/19 20:45	
Chloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

METHOD BLANK: 553404 Matrix: Water

Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292005, 7092292006, 7092292007, 7092292009, 7092292010, 7092292011, 7092292012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	06/07/19 20:45	
Dibromochloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Dibromomethane	ug/L	<1.0	1.0	06/07/19 20:45	
Dichlorodifluoromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Ethylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	06/07/19 20:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	06/07/19 20:45	
m&p-Xylene	ug/L	<2.0	2.0	06/07/19 20:45	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	06/07/19 20:45	
Methylene Chloride	ug/L	<1.0	1.0	06/07/19 20:45	
n-Butylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
n-Propylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Naphthalene	ug/L	<1.0	1.0	06/07/19 20:45	CL
o-Xylene	ug/L	<1.0	1.0	06/07/19 20:45	
p-Isopropyltoluene	ug/L	<1.0	1.0	06/07/19 20:45	
sec-Butylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Styrene	ug/L	<1.0	1.0	06/07/19 20:45	
tert-Butylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Tetrachloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
Toluene	ug/L	<1.0	1.0	06/07/19 20:45	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	06/07/19 20:45	
Trichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
Trichlorofluoromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Vinyl acetate	ug/L	<1.0	1.0	06/07/19 20:45	
Vinyl chloride	ug/L	<1.0	1.0	06/07/19 20:45	
Xylene (Total)	ug/L	<3.0	3.0	06/07/19 20:45	
1,2-Dichloroethane-d4 (S)	%	91	68-153	06/07/19 20:45	
4-Bromofluorobenzene (S)	%	97	79-124	06/07/19 20:45	
Toluene-d8 (S)	%	105	69-124	06/07/19 20:45	

LABORATORY CONTROL SAMPLE: 553405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.8	110	74-113	
1,1,1-Trichloroethane	ug/L	50	49.2	98	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	74-121	
1,1,2-Trichloroethane	ug/L	50	47.3	95	80-117	
1,1-Dichloroethane	ug/L	50	46.6	93	83-151	
1,1-Dichloroethene	ug/L	50	49.1	98	45-146	
1,1-Dichloropropene	ug/L	50	51.3	103	59-127	
1,2,3-Trichlorobenzene	ug/L	50	37.7	75	67-103	CL
1,2,3-Trichloropropane	ug/L	50	51.1	102	71-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 553405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.7	85	66-116	
1,2,4-Trimethylbenzene	ug/L	50	46.5	93	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	48.6	97	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	83-115	
1,2-Dichlorobenzene	ug/L	50	48.9	98	74-113	
1,2-Dichloroethane	ug/L	50	44.0	88	74-129	
1,2-Dichloropropane	ug/L	50	47.5	95	75-117	
1,3,5-Trimethylbenzene	ug/L	50	46.3	93	67-116	
1,3-Dichlorobenzene	ug/L	50	50.8	102	71-112	
1,3-Dichloropropane	ug/L	50	51.9	104	74-112	
1,4-Dichlorobenzene	ug/L	50	47.6	95	71-113	
2,2-Dichloropropane	ug/L	50	47.1	94	63-133	
2-Butanone (MEK)	ug/L	50	37.6	75	44-162	CL,IL
2-Chlorotoluene	ug/L	50	49.7	99	74-101	
2-Hexanone	ug/L	50	45.4	91	32-183	
4-Chlorotoluene	ug/L	50	50.2	100	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	45.4	91	69-132	
Acetone	ug/L	50	35.1	70	23-188	CL
Benzene	ug/L	50	49.5	99	73-119	
Bromobenzene	ug/L	50	52.0	104	72-102	L1
Bromochloromethane	ug/L	50	47.6	95	81-116	
Bromodichloromethane	ug/L	50	51.2	102	78-117	
Bromoform	ug/L	50	49.6	99	65-122	
Bromomethane	ug/L	50	49.6	99	52-147	
Carbon disulfide	ug/L	50	48.8	98	41-144	
Carbon tetrachloride	ug/L	50	53.3	107	59-120	
Chlorobenzene	ug/L	50	52.0	104	75-113	
Chloroethane	ug/L	50	48.1	96	49-151	
Chloroform	ug/L	50	46.2	92	72-122	
Chloromethane	ug/L	50	51.6	103	46-144	
cis-1,2-Dichloroethene	ug/L	50	46.7	93	72-121	
cis-1,3-Dichloropropene	ug/L	50	49.8	100	78-116	
Dibromochloromethane	ug/L	50	57.7	115	70-120	
Dibromomethane	ug/L	50	47.4	95	75-125	
Dichlorodifluoromethane	ug/L	50	48.5	97	22-154	
Ethylbenzene	ug/L	50	52.1	104	70-113	
Hexachloro-1,3-butadiene	ug/L	50	41.1	82	59-121	
Isopropylbenzene (Cumene)	ug/L	50	51.1	102	67-115	
m&p-Xylene	ug/L	100	104	104	72-115	
Methyl-tert-butyl ether	ug/L	50	42.5	85	72-131	
Methylene Chloride	ug/L	50	44.8	90	61-142	
n-Butylbenzene	ug/L	50	45.4	91	73-107	
n-Propylbenzene	ug/L	50	51.0	102	68-116	
Naphthalene	ug/L	50	39.4	79	70-118	CL
o-Xylene	ug/L	50	50.9	102	73-117	
p-Isopropyltoluene	ug/L	50	46.7	93	73-101	
sec-Butylbenzene	ug/L	50	46.0	92	72-103	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 553405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	51.5	103	72-118	
tert-Butylbenzene	ug/L	50	46.4	93	68-100	
Tetrachloroethene	ug/L	50	49.9	100	60-128	
Toluene	ug/L	50	50.0	100	72-119	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	56-142	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	79-116	
Trichloroethene	ug/L	50	50.6	101	69-117	
Trichlorofluoromethane	ug/L	50	48.0	96	27-173	
Vinyl acetate	ug/L	50	47.9	96	20-158	
Vinyl chloride	ug/L	50	52.8	106	43-143	
Xylene (Total)	ug/L	150	155	103	71-109	
1,2-Dichloroethane-d4 (S)	%			93	68-153	
4-Bromofluorobenzene (S)	%			97	79-124	
Toluene-d8 (S)	%			103	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 554547 554548

Parameter	Units	7092292006 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	49.1	45.6	98	91	74-113	7	
1,1,1-Trichloroethane	ug/L	1.8	50	50	43.0	42.7	82	82	65-118	1	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	47.8	45.7	96	91	74-121	5	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	44.1	44.0	88	88	80-117	0	
1,1-Dichloroethane	ug/L	<1.0	50	50	45.0	41.6	90	83	83-151	8	
1,1-Dichloroethene	ug/L	1.3	50	50	48.1	42.8	94	83	45-146	12	
1,1-Dichloropropene	ug/L	<1.0	50	50	45.9	43.3	92	87	59-127	6	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	32.9	38.2	66	76	67-103	15	CL,M1
1,2,3-Trichloropropane	ug/L	<1.0	50	50	47.4	45.8	95	92	71-123	4	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	39.9	39.7	80	79	66-116	0	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	41.7	39.5	83	79	68-116	5	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	43.9	43.8	88	88	74-119	0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	45.2	44.5	90	89	83-115	1	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	44.2	41.7	88	83	74-113	6	
1,2-Dichloroethane	ug/L	<1.0	50	50	42.9	40.5	86	81	74-129	6	
1,2-Dichloropropane	ug/L	<1.0	50	50	44.1	42.7	88	85	75-117	3	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	42.0	39.2	84	78	67-116	7	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	45.4	43.4	91	87	71-112	4	
1,3-Dichloropropane	ug/L	<1.0	50	50	47.5	43.8	95	88	74-112	8	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	43.5	41.1	87	82	71-113	6	
2,2-Dichloropropane	ug/L	<1.0	50	50	39.3	36.7	79	73	63-133	7	
2-Butanone (MEK)	ug/L	<5.0	50	50	37.6	36.1	75	72	44-162	4	CL,IL
2-Chlorotoluene	ug/L	<1.0	50	50	43.6	40.9	87	82	74-101	7	
2-Hexanone	ug/L	<5.0	50	50	39.8	38.4	80	77	32-183	4	
4-Chlorotoluene	ug/L	<1.0	50	50	44.5	41.3	89	83	74-101	7	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	42.8	42.2	86	84	69-132	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 554547 554548

Parameter	Units	7092292006 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	26.8	25.8	51	49	23-188	4	CL
Benzene	ug/L	<1.0	50	50	45.2	43.9	90	88	73-119	3	
Bromobenzene	ug/L	<1.0	50	50	47.4	44.3	95	89	72-102	7	
Bromochloromethane	ug/L	<1.0	50	50	47.4	43.1	95	86	81-116	10	
Bromodichloromethane	ug/L	<1.0	50	50	46.4	45.0	93	90	78-117	3	
Bromoform	ug/L	<1.0	50	50	46.7	44.0	93	88	65-122	6	
Bromomethane	ug/L	<1.0	50	50	45.6	42.9	91	86	52-147	6	
Carbon disulfide	ug/L	1.5	50	50	48.0	42.3	93	82	41-144	13	
Carbon tetrachloride	ug/L	<1.0	50	50	47.4	45.5	95	91	59-120	4	
Chlorobenzene	ug/L	<1.0	50	50	45.9	43.2	92	86	75-113	6	
Chloroethane	ug/L	<1.0	50	50	47.3	43.5	95	87	49-151	8	
Chloroform	ug/L	<1.0	50	50	44.8	41.3	90	83	72-122	8	
Chloromethane	ug/L	<1.0	50	50	50.1	45.5	100	91	46-144	10	
cis-1,2-Dichloroethene	ug/L	414	50	50	420	403	11	-23	72-121	4	E,M1
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	44.7	43.6	89	87	78-116	3	
Dibromochloromethane	ug/L	<1.0	50	50	52.3	50.7	105	101	70-120	3	
Dibromomethane	ug/L	<1.0	50	50	43.5	43.4	87	87	75-125	0	
Dichlorodifluoromethane	ug/L	<1.0	50	50	45.7	41.0	91	82	22-154	11	
Ethylbenzene	ug/L	<1.0	50	50	45.5	41.9	91	84	70-113	8	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	39.1	37.6	78	75	59-121	4	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	45.2	41.3	90	83	67-115	9	
m&p-Xylene	ug/L	<2.0	100	100	88.7	83.2	89	83	72-115	6	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	43.3	40.5	87	81	72-131	7	
Methylene Chloride	ug/L	<1.0	50	50	43.4	40.0	87	80	61-142	8	
n-Butylbenzene	ug/L	<1.0	50	50	41.7	38.6	83	77	73-107	8	
n-Propylbenzene	ug/L	<1.0	50	50	44.9	41.7	90	83	68-116	7	
Naphthalene	ug/L	<1.0	50	50	33.3	37.2	67	74	70-118	11	CL,M1
o-Xylene	ug/L	<1.0	50	50	44.0	41.5	88	83	73-117	6	
p-Isopropyltoluene	ug/L	<1.0	50	50	43.0	41.4	86	83	73-101	4	
sec-Butylbenzene	ug/L	<1.0	50	50	44.4	41.0	89	82	72-103	8	
Styrene	ug/L	<1.0	50	50	44.1	42.5	88	85	72-118	4	
tert-Butylbenzene	ug/L	<1.0	50	50	43.0	41.0	86	82	68-100	5	
Toluene	ug/L	<1.0	50	50	44.2	43.1	88	86	72-119	2	
trans-1,2-Dichloroethene	ug/L	1.6	50	50	48.8	44.7	94	86	56-142	9	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	43.7	42.5	87	85	79-116	3	
Trichloroethene	ug/L	97.6	50	50	156	154	116	114	69-117	1	
Trichlorofluoromethane	ug/L	<1.0	50	50	46.2	41.6	92	83	27-173	10	
Vinyl acetate	ug/L	<1.0	50	50	41.4	39.3	83	79	20-158	5	
Vinyl chloride	ug/L	21.1	50	50	73.6	68.1	105	94	43-143	8	
Xylene (Total)	ug/L	<3.0	150	150	133	125	88	83	71-109	6	
1,2-Dichloroethane-d4 (S)	%						96	97	68-153		
4-Bromofluorobenzene (S)	%						97	95	79-124		
Toluene-d8 (S)	%						99	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 117108 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7092292004, 7092292008

METHOD BLANK: 554595 Matrix: Water
Associated Lab Samples: 7092292004, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1-Dichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1-Dichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
1,1-Dichloropropene	ug/L	<1.0	1.0	06/10/19 19:42	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	CL
1,2,3-Trichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,3-Dichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
2,2-Dichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
2-Butanone (MEK)	ug/L	<5.0	5.0	06/10/19 19:42	IL
2-Chlorotoluene	ug/L	<1.0	1.0	06/10/19 19:42	
2-Hexanone	ug/L	<5.0	5.0	06/10/19 19:42	
4-Chlorotoluene	ug/L	<1.0	1.0	06/10/19 19:42	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	06/10/19 19:42	
Acetone	ug/L	<5.0	5.0	06/10/19 19:42	
Benzene	ug/L	<1.0	1.0	06/10/19 19:42	
Bromobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Bromochloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Bromodichloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Bromoform	ug/L	<1.0	1.0	06/10/19 19:42	
Bromomethane	ug/L	<1.0	1.0	06/10/19 19:42	
Carbon disulfide	ug/L	<1.0	1.0	06/10/19 19:42	
Carbon tetrachloride	ug/L	<1.0	1.0	06/10/19 19:42	
Chlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Chloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
Chloroform	ug/L	<1.0	1.0	06/10/19 19:42	
Chloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	06/10/19 19:42	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

METHOD BLANK: 554595 Matrix: Water
Associated Lab Samples: 7092292004, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Dibromomethane	ug/L	<1.0	1.0	06/10/19 19:42	
Dichlorodifluoromethane	ug/L	<1.0	1.0	06/10/19 19:42	CL
Ethylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	06/10/19 19:42	CL
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	06/10/19 19:42	
m&p-Xylene	ug/L	<2.0	2.0	06/10/19 19:42	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	06/10/19 19:42	
Methylene Chloride	ug/L	<1.0	1.0	06/10/19 19:42	
n-Butylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
n-Propylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Naphthalene	ug/L	<1.0	1.0	06/10/19 19:42	CL
o-Xylene	ug/L	<1.0	1.0	06/10/19 19:42	
p-Isopropyltoluene	ug/L	<1.0	1.0	06/10/19 19:42	
sec-Butylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Styrene	ug/L	<1.0	1.0	06/10/19 19:42	
tert-Butylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Tetrachloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
Toluene	ug/L	<1.0	1.0	06/10/19 19:42	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	06/10/19 19:42	
Trichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
Trichlorofluoromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Vinyl acetate	ug/L	<1.0	1.0	06/10/19 19:42	
Vinyl chloride	ug/L	<1.0	1.0	06/10/19 19:42	
Xylene (Total)	ug/L	<3.0	3.0	06/10/19 19:42	
1,2-Dichloroethane-d4 (S)	%	100	68-153	06/10/19 19:42	
4-Bromofluorobenzene (S)	%	95	79-124	06/10/19 19:42	
Toluene-d8 (S)	%	102	69-124	06/10/19 19:42	

LABORATORY CONTROL SAMPLE: 554596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.4	99	74-113	
1,1,1-Trichloroethane	ug/L	50	45.4	91	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	74-121	
1,1,2-Trichloroethane	ug/L	50	45.7	91	80-117	
1,1-Dichloroethane	ug/L	50	49.9	100	83-151	
1,1-Dichloroethene	ug/L	50	49.9	100	45-146	
1,1-Dichloropropene	ug/L	50	49.1	98	59-127	
1,2,3-Trichlorobenzene	ug/L	50	33.9	68	67-103	CL
1,2,3-Trichloropropane	ug/L	50	48.6	97	71-123	
1,2,4-Trichlorobenzene	ug/L	50	40.1	80	66-116	CL
1,2,4-Trimethylbenzene	ug/L	50	45.4	91	68-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 554596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	43.1	86	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	44.3	89	83-115	
1,2-Dichlorobenzene	ug/L	50	44.8	90	74-113	
1,2-Dichloroethane	ug/L	50	46.6	93	74-129	
1,2-Dichloropropane	ug/L	50	47.1	94	75-117	
1,3,5-Trimethylbenzene	ug/L	50	45.1	90	67-116	
1,3-Dichlorobenzene	ug/L	50	47.6	95	71-112	
1,3-Dichloropropane	ug/L	50	49.0	98	74-112	
1,4-Dichlorobenzene	ug/L	50	45.5	91	71-113	
2,2-Dichloropropane	ug/L	50	51.0	102	63-133	
2-Butanone (MEK)	ug/L	50	44.3	89	44-162	IL
2-Chlorotoluene	ug/L	50	47.7	95	74-101	
2-Hexanone	ug/L	50	48.5	97	32-183	
4-Chlorotoluene	ug/L	50	47.7	95	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	43.1	86	69-132	
Acetone	ug/L	50	48.6	97	23-188	
Benzene	ug/L	50	47.0	94	73-119	
Bromobenzene	ug/L	50	47.4	95	72-102	
Bromochloromethane	ug/L	50	48.5	97	81-116	
Bromodichloromethane	ug/L	50	48.0	96	78-117	
Bromoform	ug/L	50	43.7	87	65-122	
Bromomethane	ug/L	50	46.9	94	52-147	
Carbon disulfide	ug/L	50	51.0	102	41-144	
Carbon tetrachloride	ug/L	50	50.8	102	59-120	
Chlorobenzene	ug/L	50	46.1	92	75-113	
Chloroethane	ug/L	50	49.8	100	49-151	
Chloroform	ug/L	50	49.5	99	72-122	
Chloromethane	ug/L	50	46.5	93	46-144	
cis-1,2-Dichloroethene	ug/L	50	49.5	99	72-121	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	78-116	
Dibromochloromethane	ug/L	50	52.4	105	70-120	
Dibromomethane	ug/L	50	44.2	88	75-125	
Dichlorodifluoromethane	ug/L	50	36.9	74	22-154	CL
Ethylbenzene	ug/L	50	46.1	92	70-113	
Hexachloro-1,3-butadiene	ug/L	50	45.3	91	59-121	CL
Isopropylbenzene (Cumene)	ug/L	50	46.9	94	67-115	
m&p-Xylene	ug/L	100	93.6	94	72-115	
Methyl-tert-butyl ether	ug/L	50	45.7	91	72-131	
Methylene Chloride	ug/L	50	47.5	95	61-142	
n-Butylbenzene	ug/L	50	50.0	100	73-107	
n-Propylbenzene	ug/L	50	49.1	98	68-116	
Naphthalene	ug/L	50	32.9	66	70-118	CL,L2
o-Xylene	ug/L	50	45.5	91	73-117	
p-Isopropyltoluene	ug/L	50	48.4	97	73-101	
sec-Butylbenzene	ug/L	50	47.0	94	72-103	
Styrene	ug/L	50	47.4	95	72-118	
tert-Butylbenzene	ug/L	50	47.2	94	68-100	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 554596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	41.1	82	60-128	
Toluene	ug/L	50	47.6	95	72-119	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	56-142	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	79-116	
Trichloroethene	ug/L	50	46.5	93	69-117	
Trichlorofluoromethane	ug/L	50	49.5	99	27-173	
Vinyl acetate	ug/L	50	52.4	105	20-158	
Vinyl chloride	ug/L	50	50.4	101	43-143	
Xylene (Total)	ug/L	150	139	93	71-109	
1,2-Dichloroethane-d4 (S)	%			94	68-153	
4-Bromofluorobenzene (S)	%			96	79-124	
Toluene-d8 (S)	%			103	69-124	

MATRIX SPIKE SAMPLE: 554680

Parameter	Units	7092292008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	47.9	96	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	46.9	94	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	52.6	105	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	46.9	94	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	50.9	102	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	48.2	96	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	49.8	100	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	32.6	65	67-103	CL,M1
1,2,3-Trichloropropane	ug/L	<1.0	50	49.7	99	71-123	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	38.4	77	66-116	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	50	45.8	92	68-116	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	49.1	98	74-119	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	47.1	94	83-115	
1,2-Dichlorobenzene	ug/L	<1.0	50	45.9	92	74-113	
1,2-Dichloroethane	ug/L	<1.0	50	47.7	95	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	47.9	96	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	46.0	92	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	45.2	90	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	48.8	98	74-112	
1,4-Dichlorobenzene	ug/L	<1.0	50	45.3	91	71-113	
2,2-Dichloropropane	ug/L	<1.0	50	43.6	87	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	41.3	83	44-162	IL
2-Chlorotoluene	ug/L	<1.0	50	48.7	97	74-101	
2-Hexanone	ug/L	<5.0	50	41.3	83	32-183	
4-Chlorotoluene	ug/L	<1.0	50	49.8	100	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	47.3	95	69-132	
Acetone	ug/L	<5.0	50	30.9	57	23-188	
Benzene	ug/L	<1.0	50	48.1	96	73-119	
Bromobenzene	ug/L	<1.0	50	48.0	96	72-102	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

MATRIX SPIKE SAMPLE: 554680

Parameter	Units	7092292008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromochloromethane	ug/L	<1.0	50	46.3	93	81-116	
Bromodichloromethane	ug/L	<1.0	50	49.8	100	78-117	
Bromoform	ug/L	<1.0	50	42.7	85	65-122	
Bromomethane	ug/L	<1.0	50	45.0	90	52-147	
Carbon disulfide	ug/L	<1.0	50	49.9	100	41-144	
Carbon tetrachloride	ug/L	<1.0	50	50.5	101	59-120	
Chlorobenzene	ug/L	<1.0	50	45.9	92	75-113	
Chloroethane	ug/L	<1.0	50	48.7	97	49-151	
Chloroform	ug/L	<1.0	50	48.0	96	72-122	
Chloromethane	ug/L	<1.0	50	47.2	94	46-144	
cis-1,2-Dichloroethene	ug/L	2.8	50	51.8	98	72-121	
cis-1,3-Dichloropropene	ug/L	<1.0	50	47.9	96	78-116	
Dibromochloromethane	ug/L	<1.0	50	50.8	102	70-120	
Dibromomethane	ug/L	<1.0	50	45.7	91	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	33.2	66	22-154	CL
Ethylbenzene	ug/L	<1.0	50	46.1	92	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	37.1	74	59-121	CL
Isopropylbenzene (Cumene)	ug/L	<1.0	50	47.3	95	67-115	
m&p-Xylene	ug/L	<2.0	100	89.2	89	72-115	
Methyl-tert-butyl ether	ug/L	<1.0	50	47.6	95	72-131	
Methylene Chloride	ug/L	<1.0	50	47.1	94	61-142	
n-Butylbenzene	ug/L	<1.0	50	45.6	91	73-107	
n-Propylbenzene	ug/L	<1.0	50	48.1	96	68-116	
Naphthalene	ug/L	<1.0	50	34.3	69	70-118	CL,M0
o-Xylene	ug/L	<1.0	50	42.9	86	73-117	
p-Isopropyltoluene	ug/L	<1.0	50	44.5	89	73-101	
sec-Butylbenzene	ug/L	<1.0	50	47.2	94	72-103	
Styrene	ug/L	<1.0	50	43.9	88	72-118	
tert-Butylbenzene	ug/L	<1.0	50	45.3	91	68-100	
Tetrachloroethene	ug/L	<1.0	50	40.3	81	60-128	
Toluene	ug/L	<1.0	50	47.4	95	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50.2	100	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	47.4	95	79-116	
Trichloroethene	ug/L	<1.0	50	47.2	94	69-117	
Trichlorofluoromethane	ug/L	<1.0	50	47.5	95	27-173	
Vinyl acetate	ug/L	<1.0	50	47.8	96	20-158	
Vinyl chloride	ug/L	8.8	50	57.9	98	43-143	
Xylene (Total)	ug/L	<3.0	150	132	88	71-109	
1,2-Dichloroethane-d4 (S)	%				99	68-153	
4-Bromofluorobenzene (S)	%				97	79-124	
Toluene-d8 (S)	%				99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

SAMPLE DUPLICATE: 554679

Parameter	Units	7092292004 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		CL
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4-Trichlorobenzene	ug/L	<1.0	<1.0		CL
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromo-3-chloropropane	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichlorobenzene	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Dichlorobenzene	ug/L	<1.0	<1.0		
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	3.6	3.9	8	
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		CL
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		CL
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

SAMPLE DUPLICATE: 554679

Parameter	Units	7092292004 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/L	<2.0	<2.0		
Methyl-tert-butyl ether	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
Naphthalene	ug/L	<1.0	<1.0		CL
o-Xylene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	<1.0	<1.0		
Trichlorofluoromethane	ug/L	<1.0	<1.0		
Vinyl acetate	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	99	103		
4-Bromofluorobenzene (S)	%	95	94		
Toluene-d8 (S)	%	99	99		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 117087 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

METHOD BLANK: 554368 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	06/10/19 20:01	
Sulfate	mg/L	<5.0	5.0	06/10/19 20:01	

LABORATORY CONTROL SAMPLE: 554369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	9.6	96	90-110	
Sulfate	mg/L	10	9.5	95	90-110	

MATRIX SPIKE SAMPLE: 554370

Parameter	Units	7091003001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5.7	10	15.8	101	80-120	
Sulfate	mg/L	<5.0	10	11.4	91	80-120	

MATRIX SPIKE SAMPLE: 554372

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1320	1000	2330	100	80-120	
Sulfate	mg/L	248	100	354	106	80-120	

SAMPLE DUPLICATE: 554371

Parameter	Units	7091003001 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	5.7	5.7	0	
Sulfate	mg/L	<5.0	<5.0		

SAMPLE DUPLICATE: 554373

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1320	1320	0	
Sulfate	mg/L	248	246	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116677 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

METHOD BLANK: 551551 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	06/06/19 18:26	

LABORATORY CONTROL SAMPLE: 551552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.1	105	90-110	

MATRIX SPIKE SAMPLE: 551553

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.48	96	90-110	

MATRIX SPIKE SAMPLE: 551555

Parameter	Units	7092227001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.48	97	90-110	

SAMPLE DUPLICATE: 551554

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 551556

Parameter	Units	7092227001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116679 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7092292009, 7092292010, 7092292011

METHOD BLANK: 551574 Matrix: Water
Associated Lab Samples: 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	06/06/19 19:01	

LABORATORY CONTROL SAMPLE: 551575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	0.96	96	90-110	

MATRIX SPIKE SAMPLE: 551576

Parameter	Units	7092317001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	0.37	0.5	0.90	105	90-110	

MATRIX SPIKE SAMPLE: 551578

Parameter	Units	7092197001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.32	63	90-110	M1

SAMPLE DUPLICATE: 551577

Parameter	Units	7092317001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	0.37	0.37	0	

SAMPLE DUPLICATE: 551579

Parameter	Units	7092197001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116692 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

METHOD BLANK: 551938 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	06/06/19 21:44	

LABORATORY CONTROL SAMPLE: 551939

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

MATRIX SPIKE SAMPLE: 551940

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.099	0.5	0.65	110	90-110	

MATRIX SPIKE SAMPLE: 551942

Parameter	Units	7092227001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	7.4	5	12.5	102	90-110	

SAMPLE DUPLICATE: 551941

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.099	0.10	4	

SAMPLE DUPLICATE: 551943

Parameter	Units	7092227001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	7.4	7.7	4	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116693 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7092292009, 7092292010, 7092292011

METHOD BLANK: 551956 Matrix: Water
Associated Lab Samples: 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	06/06/19 22:20	

LABORATORY CONTROL SAMPLE: 551957

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	102	90-110	

MATRIX SPIKE SAMPLE: 551958

Parameter	Units	7092203001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	2.9	5	8.2	106	90-110	

MATRIX SPIKE SAMPLE: 551960

Parameter	Units	7092197001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.7	5	11.4	95	90-110	

SAMPLE DUPLICATE: 551959

Parameter	Units	7092203001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	2.9	2.9	3	

SAMPLE DUPLICATE: 551961

Parameter	Units	7092197001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.7	6.5	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

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: 7092292001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292003
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292005
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292006
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292007
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292009
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292010
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292011
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

SAMPLE QUALIFIERS

Sample: 7092292012
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 554547
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 554548
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

ANALYTE QUALIFIERS

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.
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.
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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7092292001	MW-19	EPA 200.7	116837	EPA 200.7	116852
7092292002	MW-46	EPA 200.7	116837	EPA 200.7	116852
7092292003	MW-62	EPA 200.7	116837	EPA 200.7	116852
7092292004	MW-64S	EPA 200.7	116837	EPA 200.7	116852
7092292005	MW-64D	EPA 200.7	116837	EPA 200.7	116852
7092292006	MW-65	EPA 200.7	116837	EPA 200.7	116852
7092292007	MW-67	EPA 200.7	116837	EPA 200.7	116852
7092292008	MW-68	EPA 200.7	116837	EPA 200.7	116852
7092292009	MW-70S	EPA 200.7	116837	EPA 200.7	116852
7092292010	MW-70D	EPA 200.7	116837	EPA 200.7	116852
7092292011	DUP X	EPA 200.7	116837	EPA 200.7	116852
7092292001	MW-19	EPA 8260C/5030C	116891		
7092292002	MW-46	EPA 8260C/5030C	116891		
7092292003	MW-62	EPA 8260C/5030C	116891		
7092292004	MW-64S	EPA 8260C/5030C	117108		
7092292005	MW-64D	EPA 8260C/5030C	116891		
7092292006	MW-65	EPA 8260C/5030C	116891		
7092292007	MW-67	EPA 8260C/5030C	116891		
7092292008	MW-68	EPA 8260C/5030C	117108		
7092292009	MW-70S	EPA 8260C/5030C	116891		
7092292010	MW-70D	EPA 8260C/5030C	116891		
7092292011	DUP X	EPA 8260C/5030C	116891		
7092292012	TRIP BLANK	EPA 8260C/5030C	116891		
7092292001	MW-19	EPA 300.0	117087		
7092292002	MW-46	EPA 300.0	117087		
7092292003	MW-62	EPA 300.0	117087		
7092292004	MW-64S	EPA 300.0	117087		
7092292005	MW-64D	EPA 300.0	117087		
7092292006	MW-65	EPA 300.0	117087		
7092292007	MW-67	EPA 300.0	117087		
7092292008	MW-68	EPA 300.0	117087		
7092292009	MW-70S	EPA 300.0	117087		
7092292010	MW-70D	EPA 300.0	117087		
7092292011	DUP X	EPA 300.0	117087		
7092292001	MW-19	EPA 353.2	116692		
7092292002	MW-46	EPA 353.2	116692		
7092292003	MW-62	EPA 353.2	116692		
7092292004	MW-64S	EPA 353.2	116692		
7092292005	MW-64D	EPA 353.2	116692		
7092292006	MW-65	EPA 353.2	116692		
7092292007	MW-67	EPA 353.2	116692		
7092292008	MW-68	EPA 353.2	116692		
7092292009	MW-70S	EPA 353.2	116693		
7092292010	MW-70D	EPA 353.2	116693		
7092292011	DUP X	EPA 353.2	116693		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7092292001	**MW-19**	EPA 353.2	116677		
7092292002	**MW-46**	EPA 353.2	116677		
7092292003	**MW-62**	EPA 353.2	116677		
7092292004	**MW-64S**	EPA 353.2	116677		
7092292005	**MW-64D**	EPA 353.2	116677		
7092292006	**MW-65**	EPA 353.2	116677		
7092292007	**MW-67**	EPA 353.2	116677		
7092292008	**MW-68**	EPA 353.2	116677		
7092292009	**MW-70S**	EPA 353.2	116679		
7092292010	**MW-70D**	EPA 353.2	116679		
7092292011	**DUP X**	EPA 353.2	116679		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

WO#:7092292

7092292

Workorder Number or MTJL Log-

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

B USE ONLY

Company: BARTON & LOGUIDICE

Billing Information: PO: 1368.001.004

Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205

Report To: ANDY BARBER

Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Copy To: CORINNE STEINMULLER

Site Collection Info/Address: SCHENECTADY, NY 12308

Customer Project Name/Number: ALCO QUARTERLY GW (Q2)

State NY County/City SCHENECTADY Time Zone Collected EST

Container Preservative Type **

3	U	1					

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager: JOHN.STANTON@PACELABS.COM

Phone: (518)218-1801
Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Site/Facility ID #

Compliance Monitoring? [ ] Yes [ ] No

C. STEINMULLER

Purchase Order #

DW PWS ID #:

Quote #

DW Location Code #:

Collected by (signature):

Turnaround Date Required: 2 WEEK

Immediately Packed on Ice? [ ] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive _____ [ ] Hold _____

RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:_____

* 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)

Customer Sample ID	Matrix*	Comp/ Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	SULFATE	CHLORIDE	NITRATE	TOTAL HARDNESS	MS/MSD					↓ LAB USE ONLY: ↓
MW-19	WW	G	6/5/19		***	***		5	X	X	X	X	X						001
MW-46	WW	G		1042	***	***		5	X	X	X	X	X						002
MW-62	WW	G		924	***	***		5	X	X	X	X	X						003
MW-64S	WW	G		853	***	***		5	X	X	X	X	X						004
MW-64D	WW	G		910	***	***		5	X	X	X	X	X						005
MW-65 (MS/MSD)	WW	G		819	***	***		11	X	X	X	X	X	X					006
MW-67	WW	G		1005	***	***		5	X	X	X	X	X						007
MW-68	WW	G		948	***	***		5	X	X	X	X	X						008
MW-70S	WW	G		1106	***	***		5	X	X	X	X	X						009
MW-70D	WW	G		1124	***	***		5	X	X	X	X	X						010
DUP X	WW	G		—	***	***		5	X	X	X	X	X						DUP
TRIP BLANK	TB	G		—	***	***		2	X	X	X	X	X						TRIP

Analyses

LAB Profile/Line:

LAB Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples received on ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in holding time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: HC965463			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

Customer Remarks/ Special Conditions/ Possible Hazards:

Type of Ice Used: Wet [ ] Blue [ ] Dry [ ] None [ ]

SHORT HOLDS PRESENT (< 72 hours): Y N N/A

Packing Material Used: BB/Bag/Zplc

LAB Tracking #: 4757 4090 8280

Samples received via: FEDEX [ ] UPS [ ] Client [ ] Courier [ ] Pace Courier [ ]

MTJL LAB USE ONLY

Table #:

ACCT #:

Template:

Prelogin:

PM:

PB:

LAB Sample Temperature Info:
Temp Blank received: Y N NA
Therm ID #: T1
Cooler 1 Temp Upon Receipt 4.6 oC
Cooler 1 Therm Corr. Factor 0.0 oC
Cooler 1 Corrected Temp 4.6 oC
Comments:
Trip Blank Received: Y N N/A
HCL MeOH TSP Other

NonConformance(s): YES / NO

Page 1 of 1

Relinquished by/Company : (Signature)	Date/Time:	Received by/Company : (Signature)	Date/Time:
B+L	6/5/19 - 1135	PACE	6/5/19 11:35
PACE	6/5/19 1600	UPS Fedex	
			6/6/19 11:00

Page 50 of 51

F-ALL-C-010-rev.00, 05Jul2018

Pace Analytical
www.pacelabs.com

Sample Receiving Non-Conformance Form (NCF)

Date: 6/6/19	Evaluated by: SCK
Client: B&L	

WO#: 7092292
PM: JDS Due Date: 06/12/19
CLIENT: B&L

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

X	Collection date/time missing or incorrect		Analyses or analytes: missing or clarification needed	X	Samples listed on COC do not match samples received (missing, additional, etc.)
	Sample IDs on COC do not match sample labels		Required trip blanks were not received		Required signatures are missing

Comments/Details/Other Issues not listed above:
COC says Trip Blank requires all analysis; Client only provided bottles for VOC 8260; logged for bottles received

3. Sample integrity issues: check applicable issues below and add details where appropriate:

	Samples: Past holding time		Samples: Condition needs to be brought to lab personnel's attention (details below)		Preservation: Improper
	Samples: Not field filtered		Containers: Broken or compromised		Temperature: not within acceptance criteria (typicall 0-6C)
	Samples: Insufficient volume received		Containers: Incorrect		Temperature: Samples arrived frozen
	Samples: Cooler damaged or compromised		Custody Seals: Missing or compromised on samples, trip blanks or coolers		Vials received with improper headspace
	Samples: contain chlorine or sulfides		Packing Material: Insufficient/Improper		Other:

Comments/Details:
Client did not provide time of collection for sample 001 Sample ID "MW-19" on COC nor bottles

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:	
PM Initials:	Date/Time:	

Client Comments/Instructions:

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

September 20, 2019

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

RE: Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on September 13, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-19 **Lab ID: 70104827001** Collected: 09/12/19 09:10 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**373000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:09		
Calcium	**149000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:09	7440-70-2	
Hardness, Magnesium	**60100**	ug/L	830	1	09/18/19 10:51	09/18/19 21:09		N3
Magnesium	**14600**	ug/L	200	1	09/18/19 10:51	09/18/19 21:09	7439-95-4	
Potassium	**20300**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:09	7440-09-7	
Sodium	**335000**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:09	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**433000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:09		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 12:56	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 12:56	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 12:56	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 12:56	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 12:56	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 12:56	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-19 **Lab ID: 70104827001** Collected: 09/12/19 09:10 Received: 09/13/19 10:45 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		09/16/19 12:56	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 12:56	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 12:56	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	100-42-5	
Tetrachloroethene	**719**	ug/L	10.0	10		09/16/19 13:57	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-88-3	
Trichloroethene	**118**	ug/L	1.0	1		09/16/19 12:56	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-05-4	
Vinyl chloride	**4.9**	ug/L	1.0	1		09/16/19 12:56	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 12:56	1330-20-7	
cis-1,2-Dichloroethene	**239**	ug/L	10.0	10		09/16/19 13:57	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 12:56	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	98-06-6	L1
trans-1,2-Dichloroethene	**10.8**	ug/L	1.0	1		09/16/19 12:56	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%	68-153	1		09/16/19 12:56	17060-07-0	
4-Bromofluorobenzene (S)	88	%	79-124	1		09/16/19 12:56	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		09/16/19 12:56	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**564**	mg/L	100	50		09/20/19 07:26	16887-00-6	
Sulfate	**70.9**	mg/L	50.0	10		09/17/19 23:27	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.36**	mg/L	0.050	1		09/14/19 09:45	14797-55-8	
Nitrate-Nitrite (as N)	**0.36**	mg/L	0.050	1		09/14/19 09:45	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:23	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-46 **Lab ID: 70104827002** Collected: 09/12/19 09:18 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**622000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:37		
Calcium	**249000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:37	7440-70-2	
Hardness, Magnesium	**131000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:37		N3
Magnesium	**31900**	ug/L	200	1	09/18/19 10:51	09/18/19 21:37	7439-95-4	
Potassium	**12800**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:37	7440-09-7	
Sodium	**1310000**	ug/L	50000	10	09/18/19 10:51	09/19/19 12:43	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**753000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:37		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	630-20-6	
1,1,1-Trichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	79-34-5	
1,1,2-Trichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	79-00-5	
1,1-Dichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-34-3	
1,1-Dichloroethene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-35-4	CL
1,1-Dichloropropene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	563-58-6	
1,2,3-Trichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	87-61-6	
1,2,3-Trichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	96-18-4	
1,2,4-Trichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	120-82-1	
1,2,4-Trimethylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	96-12-8	
1,2-Dibromoethane (EDB)	**<50.0**	ug/L	50.0	50		09/16/19 13:38	106-93-4	
1,2-Dichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-50-1	
1,2-Dichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	107-06-2	
1,2-Dichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	78-87-5	
1,3,5-Trimethylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-67-8	
1,3-Dichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	541-73-1	
1,3-Dichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	142-28-9	
1,4-Dichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	106-46-7	
2,2-Dichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	594-20-7	
2-Butanone (MEK)	**<250**	ug/L	250	50		09/16/19 13:38	78-93-3	
2-Chlorotoluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-49-8	L1
2-Hexanone	**<250**	ug/L	250	50		09/16/19 13:38	591-78-6	
4-Chlorotoluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<250**	ug/L	250	50		09/16/19 13:38	108-10-1	
Acetone	**<250**	ug/L	250	50		09/16/19 13:38	67-64-1	
Benzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	71-43-2	
Bromobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-86-1	L1
Bromochloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-97-5	
Bromodichloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-27-4	
Bromoform	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-25-2	
Bromomethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-83-9	
Carbon disulfide	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-15-0	
Carbon tetrachloride	**<50.0**	ug/L	50.0	50		09/16/19 13:38	56-23-5	
Chlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-90-7	
Chloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-46 **Lab ID: 70104827002** Collected: 09/12/19 09:18 Received: 09/13/19 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Chloroform	**<50.0**	ug/L	50.0	50		09/16/19 13:38	67-66-3	
Chloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-87-3	
Dibromochloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	124-48-1	
Dibromomethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-95-3	
Dichlorodifluoromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-71-8	CL
Ethylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	100-41-4	
Hexachloro-1,3-butadiene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	87-68-3	
Isopropylbenzene (Cumene)	**<50.0**	ug/L	50.0	50		09/16/19 13:38	98-82-8	
Methyl-tert-butyl ether	**<50.0**	ug/L	50.0	50		09/16/19 13:38	1634-04-4	
Methylene Chloride	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-09-2	
Naphthalene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	91-20-3	
Styrene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	100-42-5	
Tetrachloroethene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	127-18-4	
Toluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-88-3	
Trichloroethene	**219**	ug/L	50.0	50		09/16/19 13:38	79-01-6	
Trichlorofluoromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-69-4	CL
Vinyl acetate	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-05-4	
Vinyl chloride	**173**	ug/L	50.0	50		09/16/19 13:38	75-01-4	
Xylene (Total)	**<150**	ug/L	150	50		09/16/19 13:38	1330-20-7	
cis-1,2-Dichloroethene	**3440**	ug/L	50.0	50		09/16/19 13:38	156-59-2	
cis-1,3-Dichloropropene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	10061-01-5	
m&p-Xylene	**<100**	ug/L	100	50		09/16/19 13:38	179601-23-1	
n-Butylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	104-51-8	L1
n-Propylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	103-65-1	
o-Xylene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-47-6	
p-Isopropyltoluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	99-87-6	L1
sec-Butylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	135-98-8	L1
tert-Butylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	98-06-6	L1
trans-1,2-Dichloroethene	**147**	ug/L	50.0	50		09/16/19 13:38	156-60-5	
trans-1,3-Dichloropropene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	68-153	50		09/16/19 13:38	17060-07-0	
4-Bromofluorobenzene (S)	86	%	79-124	50		09/16/19 13:38	460-00-4	
Toluene-d8 (S)	101	%	69-124	50		09/16/19 13:38	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**2620**	mg/L	200	100		09/18/19 00:00	16887-00-6	
Sulfate	**215**	mg/L	50.0	10		09/17/19 23:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:46	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:46	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:24	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-62 **Lab ID: 70104827003** Collected: 09/12/19 08:10 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**477000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:43		
Calcium	**191000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:43	7440-70-2	
Hardness, Magnesium	**101000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:43		N3
Magnesium	**24400**	ug/L	200	1	09/18/19 10:51	09/18/19 21:43	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:43	7440-09-7	
Sodium	**181000**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:43	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**578000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:43		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 17:28	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 17:28	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 17:28	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 17:28	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 17:28	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 17:28	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-62 **Lab ID: 70104827003** Collected: 09/12/19 08:10 Received: 09/13/19 10:45 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		09/16/19 17:28	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 17:28	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 17:28	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-05-4	
Vinyl chloride	**14.1**	ug/L	1.0	1		09/16/19 17:28	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 17:28	1330-20-7	
cis-1,2-Dichloroethene	**76.8**	ug/L	1.0	1		09/16/19 17:28	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 17:28	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	98-06-6	L1
trans-1,2-Dichloroethene	**4.4**	ug/L	1.0	1		09/16/19 17:28	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	68-153	1		09/16/19 17:28	17060-07-0	
4-Bromofluorobenzene (S)	83	%	79-124	1		09/16/19 17:28	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		09/16/19 17:28	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**247**	mg/L	20.0	10		09/18/19 00:17	16887-00-6	
Sulfate	**43.8**	mg/L	5.0	1		09/20/19 07:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:47	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:47	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:25	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64S **Lab ID: 70104827004** Collected: 09/12/19 07:47 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**342000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:59		
Calcium	**137000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:59	7440-70-2	
Hardness, Magnesium	**75100**	ug/L	830	1	09/18/19 10:51	09/18/19 21:59		N3
Magnesium	**18200**	ug/L	200	1	09/18/19 10:51	09/18/19 21:59	7439-95-4	
Potassium	**8820**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:59	7440-09-7	
Sodium	**46200**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:59	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**417000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:59		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 14:36	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 14:36	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 14:36	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 14:36	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 14:36	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 14:36	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64S **Lab ID: 70104827004** Collected: 09/12/19 07:47 Received: 09/13/19 10:45 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		09/16/19 14:36	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 14:36	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 14:36	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 14:36	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 14:36	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		09/16/19 14:36	17060-07-0	
4-Bromofluorobenzene (S)	86	%	79-124	1		09/16/19 14:36	460-00-4	
Toluene-d8 (S)	98	%	69-124	1		09/16/19 14:36	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**153**	mg/L	10.0	5		09/18/19 01:07	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/18/19 00:50	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:48	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:48	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:26	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64D **Lab ID: 70104827005** Collected: 09/12/19 08:01 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**787000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:04		
Calcium	**315000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:04	7440-70-2	
Hardness, Magnesium	**218000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:04		N3
Magnesium	**52900**	ug/L	200	1	09/18/19 10:51	09/18/19 22:04	7439-95-4	
Potassium	**6830**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:04	7440-09-7	
Sodium	**442000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:04	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1000000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:04		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	630-20-6	
1,1,1-Trichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	71-55-6	
1,1,2,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	79-34-5	
1,1,2-Trichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	79-00-5	
1,1-Dichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-34-3	
1,1-Dichloroethene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-35-4	CL
1,1-Dichloropropene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	563-58-6	
1,2,3-Trichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	87-61-6	
1,2,3-Trichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	96-18-4	
1,2,4-Trichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	120-82-1	
1,2,4-Trimethylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-63-6	
1,2-Dibromo-3-chloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	96-12-8	
1,2-Dibromoethane (EDB)	**<10.0**	ug/L	10.0	10		09/16/19 15:53	106-93-4	
1,2-Dichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-50-1	
1,2-Dichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	107-06-2	
1,2-Dichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	78-87-5	
1,3,5-Trimethylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-67-8	
1,3-Dichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	541-73-1	
1,3-Dichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	142-28-9	
1,4-Dichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	106-46-7	
2,2-Dichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	594-20-7	
2-Butanone (MEK)	**<50.0**	ug/L	50.0	10		09/16/19 15:53	78-93-3	
2-Chlorotoluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-49-8	L1
2-Hexanone	**<50.0**	ug/L	50.0	10		09/16/19 15:53	591-78-6	
4-Chlorotoluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<50.0**	ug/L	50.0	10		09/16/19 15:53	108-10-1	
Acetone	**<50.0**	ug/L	50.0	10		09/16/19 15:53	67-64-1	
Benzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	71-43-2	
Bromobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-86-1	L1
Bromochloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-97-5	
Bromodichloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-27-4	
Bromoform	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-25-2	
Bromomethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-83-9	
Carbon disulfide	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-15-0	
Carbon tetrachloride	**<10.0**	ug/L	10.0	10		09/16/19 15:53	56-23-5	
Chlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-90-7	
Chloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64D **Lab ID: 70104827005** Collected: 09/12/19 08:01 Received: 09/13/19 10:45 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		09/16/19 15:53	67-66-3	
Chloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-87-3	
Dibromochloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	124-48-1	
Dibromomethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-95-3	
Dichlorodifluoromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-71-8	CL
Ethylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	100-41-4	
Hexachloro-1,3-butadiene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	10.0	10		09/16/19 15:53	98-82-8	
Methyl-tert-butyl ether	**<10.0**	ug/L	10.0	10		09/16/19 15:53	1634-04-4	
Methylene Chloride	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-09-2	
Naphthalene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	91-20-3	
Styrene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	100-42-5	
Tetrachloroethene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	127-18-4	
Toluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-88-3	
Trichloroethene	**248**	ug/L	10.0	10		09/16/19 15:53	79-01-6	
Trichlorofluoromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-69-4	CL
Vinyl acetate	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-05-4	
Vinyl chloride	**59.9**	ug/L	10.0	10		09/16/19 15:53	75-01-4	
Xylene (Total)	**<30.0**	ug/L	30.0	10		09/16/19 15:53	1330-20-7	
cis-1,2-Dichloroethene	**813**	ug/L	10.0	10		09/16/19 15:53	156-59-2	
cis-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	10061-01-5	
m&p-Xylene	**<20.0**	ug/L	20.0	10		09/16/19 15:53	179601-23-1	
n-Butylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	104-51-8	L1
n-Propylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	103-65-1	
o-Xylene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-47-6	
p-Isopropyltoluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	99-87-6	L1
sec-Butylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	135-98-8	L1
tert-Butylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	98-06-6	L1
trans-1,2-Dichloroethene	**32.9**	ug/L	10.0	10		09/16/19 15:53	156-60-5	
trans-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	68-153	10		09/16/19 15:53	17060-07-0	
4-Bromofluorobenzene (S)	83	%	79-124	10		09/16/19 15:53	460-00-4	
Toluene-d8 (S)	99	%	69-124	10		09/16/19 15:53	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**946**	mg/L	200	100		09/18/19 02:14	16887-00-6	
Sulfate	**272**	mg/L	50.0	10		09/18/19 01:24	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:49	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:49	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:27	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-65 **Lab ID: 70104827006** Collected: 09/12/19 07:28 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**874000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:10		
Calcium	**350000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:10	7440-70-2	
Hardness, Magnesium	**287000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:10		N3
Magnesium	**69600**	ug/L	200	1	09/18/19 10:51	09/18/19 22:10	7439-95-4	
Potassium	**9470**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:10	7440-09-7	
Sodium	**719000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:10	7440-23-5	M1
Tot Hardness asCaCO3 (SM 2340B	**1160000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:10		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-34-3	
1,1-Dichloroethene	**1.3**	ug/L	1.0	1		09/16/19 14:17	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 14:17	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 14:17	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-49-8	L1,M0
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 14:17	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	106-43-4	L1,M0
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 14:17	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 14:17	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 14:17	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-65 **Lab ID: 70104827006** Collected: 09/12/19 07:28 Received: 09/13/19 10:45 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		09/16/19 14:17	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 14:17	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 14:17	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	91-20-3	M1
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	100-42-5	
Tetrachloroethene	**255**	ug/L	5.0	5		09/16/19 15:14	127-18-4	M1
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-88-3	
Trichloroethene	**170**	ug/L	1.0	1		09/16/19 14:17	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-05-4	
Vinyl chloride	**27.5**	ug/L	1.0	1		09/16/19 14:17	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 14:17	1330-20-7	
cis-1,2-Dichloroethene	**571**	ug/L	5.0	5		09/16/19 15:14	156-59-2	M1
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 14:17	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	104-51-8	L1,M0
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	99-87-6	L1,M0
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	135-98-8	L1,M0
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	98-06-6	L1,M0
trans-1,2-Dichloroethene	**19.3**	ug/L	1.0	1		09/16/19 14:17	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	1		09/16/19 14:17	17060-07-0	
4-Bromofluorobenzene (S)	86	%	79-124	1		09/16/19 14:17	460-00-4	
Toluene-d8 (S)	98	%	69-124	1		09/16/19 14:17	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1860**	mg/L	100	50		09/18/19 02:30	16887-00-6	
Sulfate	**274**	mg/L	250	50		09/18/19 02:30	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:51	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:51	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:28	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-67 **Lab ID: 70104827007** Collected: 09/12/19 08:35 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**620000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:33		
Calcium	**248000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:33	7440-70-2	
Hardness, Magnesium	**179000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:33		N3
Magnesium	**43400**	ug/L	200	1	09/18/19 10:51	09/18/19 22:33	7439-95-4	
Potassium	**9480**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:33	7440-09-7	
Sodium	**597000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:33	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**798000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:33		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	630-20-6	
1,1,1-Trichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	79-34-5	
1,1,2-Trichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	79-00-5	
1,1-Dichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-34-3	
1,1-Dichloroethene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-35-4	CL
1,1-Dichloropropene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	563-58-6	
1,2,3-Trichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	87-61-6	
1,2,3-Trichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	96-18-4	
1,2,4-Trichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	120-82-1	
1,2,4-Trimethylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	96-12-8	
1,2-Dibromoethane (EDB)	**<20.0**	ug/L	20.0	20		09/16/19 15:33	106-93-4	
1,2-Dichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-50-1	
1,2-Dichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	107-06-2	
1,2-Dichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	78-87-5	
1,3,5-Trimethylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-67-8	
1,3-Dichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	541-73-1	
1,3-Dichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	142-28-9	
1,4-Dichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	106-46-7	
2,2-Dichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	594-20-7	
2-Butanone (MEK)	**<100**	ug/L	100	20		09/16/19 15:33	78-93-3	
2-Chlorotoluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-49-8	L1
2-Hexanone	**<100**	ug/L	100	20		09/16/19 15:33	591-78-6	
4-Chlorotoluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<100**	ug/L	100	20		09/16/19 15:33	108-10-1	
Acetone	**<100**	ug/L	100	20		09/16/19 15:33	67-64-1	
Benzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	71-43-2	
Bromobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-86-1	L1
Bromochloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-97-5	
Bromodichloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-27-4	
Bromoform	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-25-2	
Bromomethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-83-9	
Carbon disulfide	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-15-0	
Carbon tetrachloride	**<20.0**	ug/L	20.0	20		09/16/19 15:33	56-23-5	
Chlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-90-7	
Chloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-67 **Lab ID: 70104827007** Collected: 09/12/19 08:35 Received: 09/13/19 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Chloroform	**<20.0**	ug/L	20.0	20		09/16/19 15:33	67-66-3	
Chloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-87-3	
Dibromochloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	124-48-1	
Dibromomethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-95-3	
Dichlorodifluoromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-71-8	CL
Ethylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	100-41-4	
Hexachloro-1,3-butadiene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	87-68-3	
Isopropylbenzene (Cumene)	**<20.0**	ug/L	20.0	20		09/16/19 15:33	98-82-8	
Methyl-tert-butyl ether	**<20.0**	ug/L	20.0	20		09/16/19 15:33	1634-04-4	
Methylene Chloride	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-09-2	
Naphthalene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	91-20-3	
Styrene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	100-42-5	
Tetrachloroethene	**102**	ug/L	20.0	20		09/16/19 15:33	127-18-4	
Toluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-88-3	
Trichloroethene	**148**	ug/L	20.0	20		09/16/19 15:33	79-01-6	
Trichlorofluoromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-69-4	CL
Vinyl acetate	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-05-4	
Vinyl chloride	**304**	ug/L	20.0	20		09/16/19 15:33	75-01-4	
Xylene (Total)	**<60.0**	ug/L	60.0	20		09/16/19 15:33	1330-20-7	
cis-1,2-Dichloroethene	**2220**	ug/L	20.0	20		09/16/19 15:33	156-59-2	
cis-1,3-Dichloropropene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	10061-01-5	
m&p-Xylene	**<40.0**	ug/L	40.0	20		09/16/19 15:33	179601-23-1	
n-Butylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	104-51-8	L1
n-Propylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	103-65-1	
o-Xylene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-47-6	
p-Isopropyltoluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	99-87-6	L1
sec-Butylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	135-98-8	L1
tert-Butylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	98-06-6	L1
trans-1,2-Dichloroethene	**43.7**	ug/L	20.0	20		09/16/19 15:33	156-60-5	
trans-1,3-Dichloropropene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	20		09/16/19 15:33	17060-07-0	
4-Bromofluorobenzene (S)	84	%	79-124	20		09/16/19 15:33	460-00-4	
Toluene-d8 (S)	98	%	69-124	20		09/16/19 15:33	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1290**	mg/L	200	100		09/18/19 03:37	16887-00-6	
Sulfate	**141**	mg/L	25.0	5		09/18/19 03:21	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:54	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:54	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:34	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-68 **Lab ID: 70104827008** Collected: 09/12/19 08:25 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**411000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:39		
Calcium	**164000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:39	7440-70-2	
Hardness, Magnesium	**115000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:39		N3
Magnesium	**28000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:39	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:39	7440-09-7	
Sodium	**131000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:39	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**526000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:39		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 17:09	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 17:09	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 17:09	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 17:09	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 17:09	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 17:09	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-68 **Lab ID: 70104827008** Collected: 09/12/19 08:25 Received: 09/13/19 10:45 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		09/16/19 17:09	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 17:09	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 17:09	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-05-4	
Vinyl chloride	**3.4**	ug/L	1.0	1		09/16/19 17:09	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 17:09	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 17:09	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%	68-153	1		09/16/19 17:09	17060-07-0	
4-Bromofluorobenzene (S)	85	%	79-124	1		09/16/19 17:09	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		09/16/19 17:09	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**242**	mg/L	10.0	5		09/18/19 04:11	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/18/19 03:54	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:55	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:55	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:36	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70S **Lab ID: 70104827009** Collected: 09/12/19 09:25 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**491000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:44		
Calcium	**197000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:44	7440-70-2	
Hardness, Magnesium	**212000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:44		N3
Magnesium	**51500**	ug/L	200	1	09/18/19 10:51	09/18/19 22:44	7439-95-4	
Potassium	**5230**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:44	7440-09-7	
Sodium	**267000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:44	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**703000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:44		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 14:55	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 14:55	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 14:55	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 14:55	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 14:55	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 14:55	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70S **Lab ID: 70104827009** Collected: 09/12/19 09:25 Received: 09/13/19 10:45 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		09/16/19 14:55	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 14:55	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 14:55	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 14:55	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 14:55	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		09/16/19 14:55	17060-07-0	
4-Bromofluorobenzene (S)	85	%	79-124	1		09/16/19 14:55	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		09/16/19 14:55	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**640**	mg/L	100	50		09/18/19 04:44	16887-00-6	
Sulfate	**33.8**	mg/L	5.0	1		09/20/19 08:16	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.055**	mg/L	0.050	1		09/14/19 09:59	14797-55-8	
Nitrate-Nitrite (as N)	**0.055**	mg/L	0.050	1		09/14/19 09:59	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:37	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70D **Lab ID: 70104827010** Collected: 09/12/19 09:32 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**519000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:50		
Calcium	**208000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:50	7440-70-2	
Hardness, Magnesium	**151000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:50		N3
Magnesium	**36600**	ug/L	200	1	09/18/19 10:51	09/18/19 22:50	7439-95-4	
Potassium	**12300**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:50	7440-09-7	
Sodium	**156000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:50	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**670000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:50		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	120-82-1	
1,2,4-Trimethylbenzene	**69.4**	ug/L	1.0	1		09/16/19 16:31	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 16:31	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	78-87-5	
1,3,5-Trimethylbenzene	**4.1**	ug/L	1.0	1		09/16/19 16:31	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 16:31	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 16:31	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 16:31	108-10-1	
Acetone	**7.6**	ug/L	5.0	1		09/16/19 16:31	67-64-1	
Benzene	**67.0**	ug/L	1.0	1		09/16/19 16:31	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 16:31	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70D **Lab ID: 70104827010** Collected: 09/12/19 09:32 Received: 09/13/19 10:45 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		09/16/19 16:31	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	87-68-3	
Isopropylbenzene (Cumene)	**8.9**	ug/L	1.0	1		09/16/19 16:31	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 16:31	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-09-2	
Naphthalene	**6.0**	ug/L	1.0	1		09/16/19 16:31	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-05-4	
Vinyl chloride	**1.8**	ug/L	1.0	1		09/16/19 16:31	75-01-4	
Xylene (Total)	**5.5**	ug/L	3.0	1		09/16/19 16:31	1330-20-7	
cis-1,2-Dichloroethene	**4.5**	ug/L	1.0	1		09/16/19 16:31	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	10061-01-5	
m&p-Xylene	**2.8**	ug/L	2.0	1		09/16/19 16:31	179601-23-1	
n-Butylbenzene	**1.8**	ug/L	1.0	1		09/16/19 16:31	104-51-8	L1
n-Propylbenzene	**12.7**	ug/L	1.0	1		09/16/19 16:31	103-65-1	
o-Xylene	**2.8**	ug/L	1.0	1		09/16/19 16:31	95-47-6	
p-Isopropyltoluene	**1.6**	ug/L	1.0	1		09/16/19 16:31	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		09/16/19 16:31	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		09/16/19 16:31	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		09/16/19 16:31	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**239**	mg/L	20.0	10		09/18/19 05:51	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/18/19 05:34	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 10:00	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 10:00	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:38	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: DUP X **Lab ID: 70104827011** Collected: 09/12/19 00:00 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**328000**	ug/L	500	1	09/18/19 10:51	09/18/19 23:06		
Calcium	**132000**	ug/L	200	1	09/18/19 10:51	09/18/19 23:06	7440-70-2	
Hardness, Magnesium	**74500**	ug/L	830	1	09/18/19 10:51	09/18/19 23:06		N3
Magnesium	**18100**	ug/L	200	1	09/18/19 10:51	09/18/19 23:06	7439-95-4	
Potassium	**9920**	ug/L	5000	1	09/18/19 10:51	09/18/19 23:06	7440-09-7	
Sodium	**47000**	ug/L	5000	1	09/18/19 10:51	09/18/19 23:06	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**403000**	ug/L	830	1	09/18/19 10:51	09/18/19 23:06		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 16:50	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 16:50	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 16:50	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 16:50	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 16:50	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 16:50	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: DUP X **Lab ID: 70104827011** Collected: 09/12/19 00:00 Received: 09/13/19 10:45 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		09/16/19 16:50	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 16:50	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 16:50	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 16:50	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 16:50	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	68-153	1		09/16/19 16:50	17060-07-0	
4-Bromofluorobenzene (S)	82	%	79-124	1		09/16/19 16:50	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		09/16/19 16:50	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**153**	mg/L	10.0	5		09/18/19 06:08	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/20/19 08:33	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 10:01	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 10:01	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:39	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: TRIP BLANK **Lab ID: 70104827012** Collected: 09/12/19 00:00 Received: 09/13/19 10:45 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		09/16/19 12:18	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 12:18	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 12:18	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 12:18	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 12:18	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 12:18	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 12:18	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		09/16/19 12:18	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 12:18	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 12:18	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-09-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: TRIP BLANK **Lab ID: 70104827012** Collected: 09/12/19 00:00 Received: 09/13/19 10:45 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		09/16/19 12:18	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 12:18	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 12:18	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		09/16/19 12:18	17060-07-0	
4-Bromofluorobenzene (S)	90	%	79-124	1		09/16/19 12:18	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		09/16/19 12:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130641 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 624188 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<500	500	09/18/19 20:52	
Calcium	ug/L	<200	200	09/18/19 20:52	
Hardness, Magnesium	ug/L	<830	830	09/18/19 20:52	N3
Magnesium	ug/L	<200	200	09/18/19 20:52	
Potassium	ug/L	<5000	5000	09/18/19 20:52	
Sodium	ug/L	<5000	5000	09/18/19 20:52	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<830	830	09/18/19 20:52	

LABORATORY CONTROL SAMPLE: 624189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		62300			
Calcium	ug/L	25000	24900	100	85-115	
Hardness, Magnesium	ug/L		100000			N3
Magnesium	ug/L	25000	24300	97	85-115	
Potassium	ug/L	50000	48400	97	85-115	
Sodium	ug/L	50000	48400	97	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		162000			

MATRIX SPIKE SAMPLE: 624191

Parameter	Units	70104827001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	373000		425000			
Calcium	ug/L	149000	25000	170000	84	70-130	
Hardness, Magnesium	ug/L	60100		166000			N3
Magnesium	ug/L	14600	25000	40400	103	70-130	
Potassium	ug/L	20300	50000	69200	98	70-130	
Sodium	ug/L	335000	50000	377000	84	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	433000		592000			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

MATRIX SPIKE SAMPLE: 624193

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	874000		920000			
Calcium	ug/L	350000	25000	368000	74	70-130	
Hardness, Magnesium	ug/L	287000		393000			N3
Magnesium	ug/L	69600	25000	95400	103	70-130	
Potassium	ug/L	9470	50000	63900	109	70-130	
Sodium	ug/L	719000	50000	735000	33	70-130	M1
Tot Hardness asCaCO3 (SM 2340B	ug/L	1160000		1310000			

SAMPLE DUPLICATE: 624190

Parameter	Units	70104827001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	373000	372000	0	
Calcium	ug/L	149000	149000	0	
Hardness, Magnesium	ug/L	60100	59600	1	N3
Magnesium	ug/L	14600	14500	1	
Potassium	ug/L	20300	20200	0	
Sodium	ug/L	335000	332000	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	433000	432000	0	

SAMPLE DUPLICATE: 624192

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	874000	897000	3	
Calcium	ug/L	350000	359000	3	
Hardness, Magnesium	ug/L	287000	295000	3	N3
Magnesium	ug/L	69600	71600	3	
Potassium	ug/L	9470	9660	2	
Sodium	ug/L	719000	710000	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	1160000	1190000	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130204 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011, 70104827012

METHOD BLANK: 622295 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011, 70104827012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1-Dichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1-Dichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	CL
1,1-Dichloropropene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,3-Dichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
2,2-Dichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
2-Butanone (MEK)	ug/L	<5.0	5.0	09/16/19 09:16	
2-Chlorotoluene	ug/L	<1.0	1.0	09/16/19 09:16	
2-Hexanone	ug/L	<5.0	5.0	09/16/19 09:16	
4-Chlorotoluene	ug/L	<1.0	1.0	09/16/19 09:16	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	09/16/19 09:16	
Acetone	ug/L	<5.0	5.0	09/16/19 09:16	
Benzene	ug/L	<1.0	1.0	09/16/19 09:16	
Bromobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Bromochloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
Bromodichloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
Bromoform	ug/L	<1.0	1.0	09/16/19 09:16	
Bromomethane	ug/L	<1.0	1.0	09/16/19 09:16	
Carbon disulfide	ug/L	<1.0	1.0	09/16/19 09:16	
Carbon tetrachloride	ug/L	<1.0	1.0	09/16/19 09:16	
Chlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Chloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
Chloroform	ug/L	<1.0	1.0	09/16/19 09:16	
Chloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

METHOD BLANK: 622295 Matrix: Water

Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011, 70104827012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	09/16/19 09:16	
Dibromochloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
Dibromomethane	ug/L	<1.0	1.0	09/16/19 09:16	
Dichlorodifluoromethane	ug/L	<1.0	1.0	09/16/19 09:16	CL
Ethylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	09/16/19 09:16	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	09/16/19 09:16	
m&p-Xylene	ug/L	<2.0	2.0	09/16/19 09:16	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	09/16/19 09:16	
Methylene Chloride	ug/L	<1.0	1.0	09/16/19 09:16	
n-Butylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
n-Propylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Naphthalene	ug/L	<1.0	1.0	09/16/19 09:16	
o-Xylene	ug/L	<1.0	1.0	09/16/19 09:16	
p-Isopropyltoluene	ug/L	<1.0	1.0	09/16/19 09:16	
sec-Butylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Styrene	ug/L	<1.0	1.0	09/16/19 09:16	
tert-Butylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Tetrachloroethene	ug/L	<1.0	1.0	09/16/19 09:16	
Toluene	ug/L	<1.0	1.0	09/16/19 09:16	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	09/16/19 09:16	
Trichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	
Trichlorofluoromethane	ug/L	<1.0	1.0	09/16/19 09:16	CL
Vinyl acetate	ug/L	<1.0	1.0	09/16/19 09:16	
Vinyl chloride	ug/L	<1.0	1.0	09/16/19 09:16	
Xylene (Total)	ug/L	<3.0	3.0	09/16/19 09:16	
1,2-Dichloroethane-d4 (S)	%	93	68-153	09/16/19 09:16	
4-Bromofluorobenzene (S)	%	87	79-124	09/16/19 09:16	
Toluene-d8 (S)	%	99	69-124	09/16/19 09:16	

LABORATORY CONTROL SAMPLE: 622296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.1	94	74-113	
1,1,1-Trichloroethane	ug/L	50	45.0	90	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	56.1	112	74-121	
1,1,2-Trichloroethane	ug/L	50	53.3	107	80-117	
1,1-Dichloroethane	ug/L	50	48.6	97	83-151	
1,1-Dichloroethene	ug/L	50	35.9	72	45-146	CL
1,1-Dichloropropene	ug/L	50	50.3	101	59-127	
1,2,3-Trichlorobenzene	ug/L	50	43.7	87	67-103	
1,2,3-Trichloropropane	ug/L	50	48.0	96	71-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

LABORATORY CONTROL SAMPLE: 622296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.3	93	66-116	
1,2,4-Trimethylbenzene	ug/L	50	56.5	113	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	43.8	88	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	83-115	
1,2-Dichlorobenzene	ug/L	50	50.1	100	74-113	
1,2-Dichloroethane	ug/L	50	40.4	81	74-129	
1,2-Dichloropropane	ug/L	50	56.3	113	75-117	
1,3,5-Trimethylbenzene	ug/L	50	54.6	109	67-116	
1,3-Dichlorobenzene	ug/L	50	50.9	102	71-112	
1,3-Dichloropropane	ug/L	50	50.9	102	74-112	
1,4-Dichlorobenzene	ug/L	50	50.2	100	71-113	
2,2-Dichloropropane	ug/L	50	42.9	86	63-133	
2-Butanone (MEK)	ug/L	50	47.8	96	44-162	
2-Chlorotoluene	ug/L	50	55.0	110	74-101	L1
2-Hexanone	ug/L	50	57.5	115	32-183	IH
4-Chlorotoluene	ug/L	50	54.8	110	74-101	L1
4-Methyl-2-pentanone (MIBK)	ug/L	50	54.2	108	69-132	
Acetone	ug/L	50	33.2	66	23-188	
Benzene	ug/L	50	54.8	110	73-119	
Bromobenzene	ug/L	50	51.6	103	72-102	L1
Bromochloromethane	ug/L	50	46.1	92	81-116	
Bromodichloromethane	ug/L	50	49.4	99	78-117	
Bromoform	ug/L	50	48.7	97	65-122	
Bromomethane	ug/L	50	41.6	83	52-147	
Carbon disulfide	ug/L	50	55.6	111	41-144	
Carbon tetrachloride	ug/L	50	44.6	89	59-120	
Chlorobenzene	ug/L	50	47.0	94	75-113	
Chloroethane	ug/L	50	46.8	94	49-151	
Chloroform	ug/L	50	46.2	92	72-122	
Chloromethane	ug/L	50	41.6	83	46-144	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	72-121	
cis-1,3-Dichloropropene	ug/L	50	57.7	115	78-116	CH
Dibromochloromethane	ug/L	50	47.8	96	70-120	
Dibromomethane	ug/L	50	43.0	86	75-125	
Dichlorodifluoromethane	ug/L	50	37.1	74	22-154	CL
Ethylbenzene	ug/L	50	49.5	99	70-113	
Hexachloro-1,3-butadiene	ug/L	50	49.6	99	59-121	
Isopropylbenzene (Cumene)	ug/L	50	55.6	111	67-115	
m&p-Xylene	ug/L	100	104	104	72-115	
Methyl-tert-butyl ether	ug/L	50	48.5	97	72-131	
Methylene Chloride	ug/L	50	49.3	99	61-142	
n-Butylbenzene	ug/L	50	55.2	110	73-107	L1
n-Propylbenzene	ug/L	50	57.1	114	68-116	
Naphthalene	ug/L	50	39.1	78	70-118	
o-Xylene	ug/L	50	50.8	102	73-117	
p-Isopropyltoluene	ug/L	50	53.8	108	73-101	L1
sec-Butylbenzene	ug/L	50	54.0	108	72-103	L1

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

LABORATORY CONTROL SAMPLE: 622296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	54.8	110	72-118	
tert-Butylbenzene	ug/L	50	51.8	104	68-100	L1
Tetrachloroethene	ug/L	50	43.6	87	60-128	
Toluene	ug/L	50	52.6	105	72-119	
trans-1,2-Dichloroethene	ug/L	50	45.8	92	56-142	
trans-1,3-Dichloropropene	ug/L	50	57.4	115	79-116	CH
Trichloroethene	ug/L	50	48.7	97	69-117	
Trichlorofluoromethane	ug/L	50	34.9	70	27-173	CL
Vinyl acetate	ug/L	50	45.8	92	20-158	
Vinyl chloride	ug/L	50	48.1	96	43-143	
Xylene (Total)	ug/L	150	154	103	71-109	
1,2-Dichloroethane-d4 (S)	%			82	68-153	
4-Bromofluorobenzene (S)	%			96	79-124	
Toluene-d8 (S)	%			101	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 622297 622298

Parameter	Units	70104827006 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	44.4	47.0	89	94	74-113	6	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	45.0	47.5	90	95	65-118	5	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	52.4	55.9	105	112	74-121	6	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	53.0	54.8	106	110	80-117	3	
1,1-Dichloroethane	ug/L	<1.0	50	50	48.8	52.0	98	104	83-151	6	
1,1-Dichloroethene	ug/L	1.3	50	50	38.5	39.3	74	76	45-146	2	CL
1,1-Dichloropropene	ug/L	<1.0	50	50	50.5	53.0	101	106	59-127	5	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	39.8	45.2	80	90	67-103	13	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	44.9	48.9	90	98	71-123	8	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	41.5	45.8	83	92	66-116	10	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	54.0	56.7	108	113	68-116	5	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	40.6	46.0	81	92	74-119	12	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	49.3	51.3	99	103	83-115	4	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	47.5	50.4	95	101	74-113	6	
1,2-Dichloroethane	ug/L	<1.0	50	50	40.5	42.3	81	85	74-129	4	
1,2-Dichloropropane	ug/L	<1.0	50	50	55.6	58.1	111	116	75-117	5	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	52.1	55.1	104	110	67-116	6	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	48.3	50.8	97	102	71-112	5	
1,3-Dichloropropane	ug/L	<1.0	50	50	47.7	50.9	95	102	74-112	7	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	47.6	49.8	95	100	71-113	4	
2,2-Dichloropropane	ug/L	<1.0	50	50	40.0	43.0	80	86	63-133	7	
2-Butanone (MEK)	ug/L	<5.0	50	50	44.7	49.1	89	98	44-162	9	
2-Chlorotoluene	ug/L	<1.0	50	50	52.7	55.5	105	111	74-101	5	M0
2-Hexanone	ug/L	<5.0	50	50	49.0	51.6	98	103	32-183	5	IH
4-Chlorotoluene	ug/L	<1.0	50	50	52.4	55.2	105	110	74-101	5	M0
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	46.6	53.4	93	107	69-132	14	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		622297			622298						
Parameter	Units	70104827006 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	26.8	27.2	54	54	23-188	2	
Benzene	ug/L	<1.0	50	50	55.4	57.0	111	114	73-119	3	
Bromobenzene	ug/L	<1.0	50	50	47.1	49.8	94	100	72-102	6	
Bromochloromethane	ug/L	<1.0	50	50	44.6	46.5	89	93	81-116	4	
Bromodichloromethane	ug/L	<1.0	50	50	46.4	50.0	93	100	78-117	7	
Bromoform	ug/L	<1.0	50	50	44.4	48.4	89	97	65-122	8	
Bromomethane	ug/L	<1.0	50	50	38.6	45.8	77	92	52-147	17	
Carbon disulfide	ug/L	<1.0	50	50	51.6	60.4	103	121	41-144	16	
Carbon tetrachloride	ug/L	<1.0	50	50	43.8	46.6	88	93	59-120	6	
Chlorobenzene	ug/L	<1.0	50	50	44.4	46.8	89	94	75-113	5	
Chloroethane	ug/L	<1.0	50	50	48.6	51.1	97	102	49-151	5	
Chloroform	ug/L	<1.0	50	50	45.9	48.3	92	97	72-122	5	
Chloromethane	ug/L	<1.0	50	50	41.4	47.0	83	94	46-144	13	
cis-1,2-Dichloroethene	ug/L	571	50	50	569	567	-4	-8	72-121	0	E,M1
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	51.4	55.0	103	110	78-116	7	CH
Dibromochloromethane	ug/L	<1.0	50	50	43.9	47.6	88	95	70-120	8	
Dibromomethane	ug/L	<1.0	50	50	43.0	43.3	86	87	75-125	1	
Dichlorodifluoromethane	ug/L	<1.0	50	50	34.7	35.9	69	72	22-154	3	CL
Ethylbenzene	ug/L	<1.0	50	50	47.4	49.8	95	100	70-113	5	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	48.2	50.5	96	101	59-121	5	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.4	55.6	105	111	67-115	6	
m&p-Xylene	ug/L	<2.0	100	100	101	105	101	105	72-115	4	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	43.8	47.9	88	96	72-131	9	
Methylene Chloride	ug/L	<1.0	50	50	49.3	51.7	99	103	61-142	5	
n-Butylbenzene	ug/L	<1.0	50	50	54.9	57.3	110	115	73-107	4	M0
n-Propylbenzene	ug/L	<1.0	50	50	54.5	58.1	109	116	68-116	6	
Naphthalene	ug/L	<1.0	50	50	34.2	38.8	68	78	70-118	13	M1
o-Xylene	ug/L	<1.0	50	50	47.7	50.1	95	100	73-117	5	
p-Isopropyltoluene	ug/L	<1.0	50	50	52.6	55.0	105	110	73-101	4	M0
sec-Butylbenzene	ug/L	<1.0	50	50	52.3	55.2	105	110	72-103	5	M0
Styrene	ug/L	<1.0	50	50	52.0	53.7	104	107	72-118	3	
tert-Butylbenzene	ug/L	<1.0	50	50	49.3	51.7	99	103	68-100	5	M0
Tetrachloroethene	ug/L	255	50	50	283	281	55	52	60-128	1	E,M1
Toluene	ug/L	<1.0	50	50	51.7	54.0	103	108	72-119	4	
trans-1,2-Dichloroethene	ug/L	19.3	50	50	59.8	58.3	81	78	56-142	2	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	53.0	56.2	106	112	79-116	6	CH
Trichloroethene	ug/L	170	50	50	213	212	87	86	69-117	0	E
Trichlorofluoromethane	ug/L	<1.0	50	50	45.0	47.1	90	94	27-173	5	CL
Vinyl acetate	ug/L	<1.0	50	50	43.9	46.9	88	94	20-158	6	
Vinyl chloride	ug/L	27.5	50	50	78.3	80.7	102	106	43-143	3	
Xylene (Total)	ug/L	<3.0	150	150	149	155	99	103	71-109	4	
1,2-Dichloroethane-d4 (S)	%						88	86	68-153		
4-Bromofluorobenzene (S)	%						97	96	79-124		
Toluene-d8 (S)	%						101	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130491 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 623517 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	09/17/19 20:06	
Sulfate	mg/L	<5.0	5.0	09/17/19 20:06	

LABORATORY CONTROL SAMPLE: 623518

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.5	105	90-110	
Sulfate	mg/L	10	9.5	95	90-110	

MATRIX SPIKE SAMPLE: 623519

Parameter	Units	70104280001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	18.5	10	29.5	110	80-120	
Sulfate	mg/L	12.0	10	22.6	106	80-120	

MATRIX SPIKE SAMPLE: 623521

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1860	500	2380	104	80-120	
Sulfate	mg/L	274	500	822	110	80-120	

SAMPLE DUPLICATE: 623520

Parameter	Units	70104280001 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	18.5	18.3	1	
Sulfate	mg/L	12.0	12.0	0	

SAMPLE DUPLICATE: 623522

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1860	1840	1	
Sulfate	mg/L	274	268	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130132 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 621975 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	09/14/19 08:15	

LABORATORY CONTROL SAMPLE: 621976

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

MATRIX SPIKE SAMPLE: 621977

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.53	105	90-110	H1

MATRIX SPIKE SAMPLE: 621979

Parameter	Units	70104829001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.47	95	90-110	

SAMPLE DUPLICATE: 621978

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		H1

SAMPLE DUPLICATE: 621980

Parameter	Units	70104829001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130134 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 621987 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	09/14/19 09:42	

LABORATORY CONTROL SAMPLE: 621988

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	102	90-110	

MATRIX SPIKE SAMPLE: 621989

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.47	91	90-110	H1

MATRIX SPIKE SAMPLE: 621991

Parameter	Units	70104812002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.50	5	5.2	104	90-110	

SAMPLE DUPLICATE: 621990

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		H1

SAMPLE DUPLICATE: 621992

Parameter	Units	70104812002 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.50	<0.50		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

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: 70104827001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827003
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827004
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827005
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827006
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827007
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827008
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827009
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

SAMPLE QUALIFIERS

Sample: 70104827010
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827011
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827012
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622295
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622296
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622297
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622298
[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.
H1	Analysis conducted outside the EPA method holding time.
IH	This analyte exceeded secondary source verification criteria high 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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70104827001	**MW-19**	EPA 200.7	130641	EPA 200.7	130657
70104827002	**MW-46**	EPA 200.7	130641	EPA 200.7	130657
70104827003	**MW-62**	EPA 200.7	130641	EPA 200.7	130657
70104827004	**MW-64S**	EPA 200.7	130641	EPA 200.7	130657
70104827005	**MW-64D**	EPA 200.7	130641	EPA 200.7	130657
70104827006	**MW-65**	EPA 200.7	130641	EPA 200.7	130657
70104827007	**MW-67**	EPA 200.7	130641	EPA 200.7	130657
70104827008	**MW-68**	EPA 200.7	130641	EPA 200.7	130657
70104827009	**MW-70S**	EPA 200.7	130641	EPA 200.7	130657
70104827010	**MW-70D**	EPA 200.7	130641	EPA 200.7	130657
70104827011	**DUP X**	EPA 200.7	130641	EPA 200.7	130657
70104827001	**MW-19**	EPA 8260C/5030C	130204		
70104827002	**MW-46**	EPA 8260C/5030C	130204		
70104827003	**MW-62**	EPA 8260C/5030C	130204		
70104827004	**MW-64S**	EPA 8260C/5030C	130204		
70104827005	**MW-64D**	EPA 8260C/5030C	130204		
70104827006	**MW-65**	EPA 8260C/5030C	130204		
70104827007	**MW-67**	EPA 8260C/5030C	130204		
70104827008	**MW-68**	EPA 8260C/5030C	130204		
70104827009	**MW-70S**	EPA 8260C/5030C	130204		
70104827010	**MW-70D**	EPA 8260C/5030C	130204		
70104827011	**DUP X**	EPA 8260C/5030C	130204		
70104827012	**TRIP BLANK**	EPA 8260C/5030C	130204		
70104827001	**MW-19**	EPA 300.0	130491		
70104827002	**MW-46**	EPA 300.0	130491		
70104827003	**MW-62**	EPA 300.0	130491		
70104827004	**MW-64S**	EPA 300.0	130491		
70104827005	**MW-64D**	EPA 300.0	130491		
70104827006	**MW-65**	EPA 300.0	130491		
70104827007	**MW-67**	EPA 300.0	130491		
70104827008	**MW-68**	EPA 300.0	130491		
70104827009	**MW-70S**	EPA 300.0	130491		
70104827010	**MW-70D**	EPA 300.0	130491		
70104827011	**DUP X**	EPA 300.0	130491		
70104827001	**MW-19**	EPA 353.2	130134		
70104827002	**MW-46**	EPA 353.2	130134		
70104827003	**MW-62**	EPA 353.2	130134		
70104827004	**MW-64S**	EPA 353.2	130134		
70104827005	**MW-64D**	EPA 353.2	130134		
70104827006	**MW-65**	EPA 353.2	130134		
70104827007	**MW-67**	EPA 353.2	130134		
70104827008	**MW-68**	EPA 353.2	130134		
70104827009	**MW-70S**	EPA 353.2	130134		
70104827010	**MW-70D**	EPA 353.2	130134		
70104827011	**DUP X**	EPA 353.2	130134		
70104827001	**MW-19**	EPA 353.2	130132		
70104827002	**MW-46**	EPA 353.2	130132		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70104827003	**MW-62**	EPA 353.2	130132		
70104827004	**MW-64S**	EPA 353.2	130132		
70104827005	**MW-64D**	EPA 353.2	130132		
70104827006	**MW-65**	EPA 353.2	130132		
70104827007	**MW-67**	EPA 353.2	130132		
70104827008	**MW-68**	EPA 353.2	130132		
70104827009	**MW-70S**	EPA 353.2	130132		
70104827010	**MW-70D**	EPA 353.2	130132		
70104827011	**DUP X**	EPA 353.2	130132		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

WO#:70104827

70104827

LAB USE ONLY

Company: BARTON & LOGUIDICE	Billing Information: Accounts Payable 443 Electronics Pkwy. Liverpool, NY
Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205	
Report To: ANDY BARBER	Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM
Copy To: CORINNE STEINMULLER	Site Collection Info/Address: SCHENECTADY, NY 12308
Customer Project Name/Number: ALCO QUARTERLY GW (Q3)	State NY County/City SCHENECTADY Time Zone Collected EST
Phone: (518)218-1801 Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM	Site/Facility ID #
C. STEINMULLER	Purchase Order # 1368.001.004
Collected by (signature):	Quote #
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive [ ] Hold	Turnaround Date Required: 2 WEEK
	RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply)
	Compliance Monitoring? [ ] Yes [ ] No
	DW PWS ID #:
	DW Location Code #:
	Immediately Packed on Ice? [ ] Yes [ ] No
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Container Preservative Type **: 3 U 1

Lab Project Manager: JOHN.STANTON@PACELABS.COM

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* 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)

Customer Sample ID	Matrix*	Comp/ Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	SULFATE	CHLORIDE	NITRATE	TOTAL HARDNESS	MS/MSD					LAB USE ONLY
MW-19	WW	G	9/12/19	910	***	***		5	X	X	X	X	X						001
MW-46	WW	G		918	***	***		5	X	X	X	X	X						002
MW-62	WW	G	810	~~1810~~	***	***		5	X	X	X	X	X						003
MW-64S	WW	G		747	***	***		5	X	X	X	X	X						004
MW-64D	WW	G		~~801~~	***	***		5	X	X	X	X	X						005
MW-65 (MS/MSD)	WW	G		728	***	***		11	X	X	X	X	X	X					006
MW-67	WW	G		835	***	***		5	X	X	X	X	X						007
MW-68	WW	G		825	***	***		5	X	X	X	X	X						008
MW-70S	WW	G		925	***	***		5	X	X	X	X	X						009
MW-70D	WW	G		932	***	***		5	X	X	X	X	X						010
DUP X	WW	G		—	***	***		5	X	X	X	X	X						011
TRIP BLANK	TB	G		—	***	***		2	X	X	X	X	X						012

Analyses

LAB Profile/Line:

LAB Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples received on ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in holding time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: HC863465			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

Customer Remarks/ Special Conditions/ Possible Hazards:

Type of Ice Used: Wet [] Blue [ ] Dry [ ] None [ ]

SHORT HOLDS PRESENT (< 72 hours): Y N N/A

Packing Material Used: Zip Lock

LAB Tracking #: 1224 8331 0861

Samples received via: FEDEX [ ] UPS [ ] Client [ ] Courier [ ] Pace Courier [ ]

MTJL LAB USE ONLY

Table #:

ACCT #:

Template:

Prelogin:

PM:

PB:

LAB Sample Temperature Info:

Temp Blank received: Y N NA

Therm ID #: Therm

Cooler 1 Temp Upon Receipt 1.8 oC

Cooler 1 Therm Corr. Factor +.2 oC

Cooler 1 Corrected Temp 1.0 oC

Comments:

Trip Blank Received: Y N N/A HCL MeOH TSP Other

NonConformance(s) YES / NO

Page 1 of 1

Relinquished by/Company : (Signature)	Date/Time:	Received by/Company : (Signature)	Date/Time:
B+L	9/12/19 - 1000	PACE	9/12/19 1000
PACE	9/12/19 1600	via fedex →	
		PACE	9/13/19 10:40

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

December 19, 2019

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

RE: Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on December 12, 2019. 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: MW-19 **Lab ID: 70115048001** Collected: 12/11/19 10:42 Received: 12/12/19 10:50 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	**452000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:04		
Calcium	**181000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:04	7440-70-2	M1
Hardness, Magnesium	**74500**	ug/L	830	1	12/16/19 14:58	12/17/19 12:04		N3
Magnesium	**18100**	ug/L	200	1	12/16/19 14:58	12/17/19 12:04	7439-95-4	
Potassium	**20100**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:04	7440-09-7	
Sodium	**549000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:04	7440-23-5	M1
Tot Hardness asCaCO3 (SM 2340B	**526000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:04		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	630-20-6	
1,1,1-Trichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	71-55-6	
1,1,2,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	79-34-5	
1,1,2-Trichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	79-00-5	
1,1-Dichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-34-3	
1,1-Dichloroethene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-35-4	
1,1-Dichloropropene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	563-58-6	
1,2,3-Trichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	87-61-6	
1,2,3-Trichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	96-18-4	
1,2,4-Trichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	120-82-1	
1,2,4-Trimethylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	95-63-6	
1,2-Dibromo-3-chloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	96-12-8	
1,2-Dibromoethane (EDB)	**<10.0**	ug/L	10.0	10		12/16/19 14:04	106-93-4	
1,2-Dichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	95-50-1	
1,2-Dichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	107-06-2	
1,2-Dichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	78-87-5	
1,3,5-Trimethylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	108-67-8	
1,3-Dichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	541-73-1	
1,3-Dichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	142-28-9	
1,4-Dichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	106-46-7	
2,2-Dichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	594-20-7	
2-Butanone (MEK)	**<50.0**	ug/L	50.0	10		12/16/19 14:04	78-93-3	IL
2-Chlorotoluene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	95-49-8	
2-Hexanone	**<50.0**	ug/L	50.0	10		12/16/19 14:04	591-78-6	
4-Chlorotoluene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<50.0**	ug/L	50.0	10		12/16/19 14:04	108-10-1	
Acetone	**<50.0**	ug/L	50.0	10		12/16/19 14:04	67-64-1	IC
Benzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	71-43-2	
Bromobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	108-86-1	
Bromochloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	74-97-5	
Bromodichloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-27-4	
Bromoform	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-25-2	
Bromomethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	74-83-9	
Carbon disulfide	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-15-0	
Carbon tetrachloride	**<10.0**	ug/L	10.0	10		12/16/19 14:04	56-23-5	
Chlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	108-90-7	
Chloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: MW-19 **Lab ID: 70115048001** Collected: 12/11/19 10:42 Received: 12/12/19 10:50 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		12/16/19 14:04	67-66-3	
Chloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	74-87-3	
Dibromochloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	124-48-1	
Dibromomethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	74-95-3	
Dichlorodifluoromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-71-8	CL
Ethylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	100-41-4	
Hexachloro-1,3-butadiene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	10.0	10		12/16/19 14:04	98-82-8	
Methyl-tert-butyl ether	**<10.0**	ug/L	10.0	10		12/16/19 14:04	1634-04-4	
Methylene Chloride	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-09-2	
Naphthalene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	91-20-3	
Styrene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	100-42-5	
Tetrachloroethene	**942**	ug/L	10.0	10		12/16/19 14:04	127-18-4	
Toluene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	108-88-3	
Trichloroethene	**98.0**	ug/L	10.0	10		12/16/19 14:04	79-01-6	
Trichlorofluoromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-69-4	
Vinyl acetate	**<10.0**	ug/L	10.0	10		12/16/19 14:04	108-05-4	
Vinyl chloride	**<10.0**	ug/L	10.0	10		12/16/19 14:04	75-01-4	
Xylene (Total)	**<30.0**	ug/L	30.0	10		12/16/19 14:04	1330-20-7	
cis-1,2-Dichloroethene	**125**	ug/L	10.0	10		12/16/19 14:04	156-59-2	
cis-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	10061-01-5	
m&p-Xylene	**<20.0**	ug/L	20.0	10		12/16/19 14:04	179601-23-1	
n-Butylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	104-51-8	
n-Propylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	103-65-1	
o-Xylene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	95-47-6	
p-Isopropyltoluene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	99-87-6	
sec-Butylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	135-98-8	
tert-Butylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	98-06-6	
trans-1,2-Dichloroethene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	156-60-5	
trans-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		12/16/19 14:04	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	88	%	68-153	10		12/16/19 14:04	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	10		12/16/19 14:04	460-00-4	
Toluene-d8 (S)	95	%	69-124	10		12/16/19 14:04	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**839**	mg/L	200	100		12/19/19 00:35	16887-00-6	
Sulfate	**56.9**	mg/L	50.0	10		12/17/19 23:15	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**1.2**	mg/L	0.50	10		12/12/19 22:38	14797-55-8	
Nitrate-Nitrite (as N)	**1.3**	mg/L	0.50	10		12/12/19 22:38	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**0.064**	mg/L	0.050	1		12/12/19 20:38	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: MW-46 **Lab ID: 70115048002** Collected: 12/11/19 10:49 Received: 12/12/19 10:50 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	**517000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:15		
Calcium	**207000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:15	7440-70-2	
Hardness, Magnesium	**111000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:15		N3
Magnesium	**26900**	ug/L	200	1	12/16/19 14:58	12/17/19 12:15	7439-95-4	
Potassium	**16600**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:15	7440-09-7	
Sodium	**1120000**	ug/L	50000	10	12/16/19 14:58	12/17/19 14:27	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**628000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:15		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	630-20-6	
1,1,1-Trichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	71-55-6	
1,1,2,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	79-34-5	
1,1,2-Trichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	79-00-5	
1,1-Dichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-34-3	
1,1-Dichloroethene	**37.5**	ug/L	10.0	10		12/16/19 14:37	75-35-4	
1,1-Dichloropropene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	563-58-6	
1,2,3-Trichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	87-61-6	
1,2,3-Trichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	96-18-4	
1,2,4-Trichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	120-82-1	
1,2,4-Trimethylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	95-63-6	
1,2-Dibromo-3-chloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	96-12-8	
1,2-Dibromoethane (EDB)	**<10.0**	ug/L	10.0	10		12/16/19 14:37	106-93-4	
1,2-Dichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	95-50-1	
1,2-Dichloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	107-06-2	
1,2-Dichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	78-87-5	
1,3,5-Trimethylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	108-67-8	
1,3-Dichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	541-73-1	
1,3-Dichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	142-28-9	
1,4-Dichlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	106-46-7	
2,2-Dichloropropane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	594-20-7	
2-Butanone (MEK)	**<50.0**	ug/L	50.0	10		12/16/19 14:37	78-93-3	IL
2-Chlorotoluene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	95-49-8	
2-Hexanone	**<50.0**	ug/L	50.0	10		12/16/19 14:37	591-78-6	
4-Chlorotoluene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<50.0**	ug/L	50.0	10		12/16/19 14:37	108-10-1	
Acetone	**<50.0**	ug/L	50.0	10		12/16/19 14:37	67-64-1	IC
Benzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	71-43-2	
Bromobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	108-86-1	
Bromochloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	74-97-5	
Bromodichloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-27-4	
Bromoform	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-25-2	
Bromomethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	74-83-9	
Carbon disulfide	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-15-0	
Carbon tetrachloride	**<10.0**	ug/L	10.0	10		12/16/19 14:37	56-23-5	
Chlorobenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	108-90-7	
Chloroethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: MW-46 **Lab ID: 70115048002** Collected: 12/11/19 10:49 Received: 12/12/19 10:50 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		12/16/19 14:37	67-66-3	
Chloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	74-87-3	
Dibromochloromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	124-48-1	
Dibromomethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	74-95-3	
Dichlorodifluoromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-71-8	CL
Ethylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	100-41-4	
Hexachloro-1,3-butadiene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	10.0	10		12/16/19 14:37	98-82-8	
Methyl-tert-butyl ether	**<10.0**	ug/L	10.0	10		12/16/19 14:37	1634-04-4	
Methylene Chloride	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-09-2	
Naphthalene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	91-20-3	
Styrene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	100-42-5	
Tetrachloroethene	**99.7**	ug/L	10.0	10		12/16/19 14:37	127-18-4	
Toluene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	108-88-3	
Trichloroethene	**436**	ug/L	10.0	10		12/16/19 14:37	79-01-6	
Trichlorofluoromethane	**<10.0**	ug/L	10.0	10		12/16/19 14:37	75-69-4	
Vinyl acetate	**<10.0**	ug/L	10.0	10		12/16/19 14:37	108-05-4	
Vinyl chloride	**595**	ug/L	10.0	10		12/16/19 14:37	75-01-4	
Xylene (Total)	**<30.0**	ug/L	30.0	10		12/16/19 14:37	1330-20-7	
cis-1,2-Dichloroethene	**11800**	ug/L	100	100		12/16/19 17:37	156-59-2	
cis-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	10061-01-5	
m&p-Xylene	**<20.0**	ug/L	20.0	10		12/16/19 14:37	179601-23-1	
n-Butylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	104-51-8	
n-Propylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	103-65-1	
o-Xylene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	95-47-6	
p-Isopropyltoluene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	99-87-6	
sec-Butylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	135-98-8	
tert-Butylbenzene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	98-06-6	
trans-1,2-Dichloroethene	**74.3**	ug/L	10.0	10		12/16/19 14:37	156-60-5	
trans-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		12/16/19 14:37	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	91	%	68-153	10		12/16/19 14:37	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	10		12/16/19 14:37	460-00-4	
Toluene-d8 (S)	91	%	69-124	10		12/16/19 14:37	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1970**	mg/L	200	100		12/17/19 23:48	16887-00-6	
Sulfate	**169**	mg/L	50.0	10		12/17/19 23:31	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		12/12/19 22:39	14797-55-8	
Nitrate-Nitrite (as N)	**0.063**	mg/L	0.050	1		12/12/19 22:39	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		12/12/19 20:39	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: MW-62 **Lab ID: 70115048003** Collected: 12/11/19 09:45 Received: 12/12/19 10:50 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	**664000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:18		
Calcium	**266000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:18	7440-70-2	
Hardness, Magnesium	**210000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:18		N3
Magnesium	**50900**	ug/L	200	1	12/16/19 14:58	12/17/19 12:18	7439-95-4	
Potassium	**9610**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:18	7440-09-7	
Sodium	**436000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:18	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**874000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:18		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 15:42	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 15:42	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 15:42	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 15:42	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 15:42	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 15:42	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: MW-62 **Lab ID: 70115048003** Collected: 12/11/19 09:45 Received: 12/12/19 10:50 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		12/16/19 15:42	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 15:42	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 15:42	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	100-42-5	
Tetrachloroethene	**29.3**	ug/L	1.0	1		12/16/19 15:42	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	108-88-3	
Trichloroethene	**22.4**	ug/L	1.0	1		12/16/19 15:42	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 15:42	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 15:42	108-05-4	
Vinyl chloride	**5.6**	ug/L	1.0	1		12/16/19 15:42	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 15:42	1330-20-7	
cis-1,2-Dichloroethene	**103**	ug/L	1.0	1		12/16/19 15:42	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 15:42	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 15:42	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	68-153	1		12/16/19 15:42	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		12/16/19 15:42	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		12/16/19 15:42	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**670**	mg/L	100	50		12/18/19 00:22	16887-00-6	
Sulfate	**112**	mg/L	50.0	10		12/18/19 00:05	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		12/12/19 22:40	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		12/12/19 22:40	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**0.065**	mg/L	0.050	1		12/12/19 20:40	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-64S **Lab ID: 70115048005** Collected: 12/11/19 10:08 Received: 12/12/19 10:50 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	**18500**	ug/L	500	1	12/16/19 14:58	12/17/19 12:20		
Calcium	**7410**	ug/L	200	1	12/16/19 14:58	12/17/19 12:20	7440-70-2	
Hardness, Magnesium	**6380**	ug/L	830	1	12/16/19 14:58	12/17/19 12:20		N3
Magnesium	**1550**	ug/L	200	1	12/16/19 14:58	12/17/19 12:20	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:20	7440-09-7	
Sodium	**<5000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:20	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**24900**	ug/L	830	1	12/16/19 14:58	12/17/19 12:20		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 16:05	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 16:05	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 16:05	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 16:05	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 16:05	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 16:05	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-64S **Lab ID: 70115048005** Collected: 12/11/19 10:08 Received: 12/12/19 10:50 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		12/16/19 16:05	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 16:05	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 16:05	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 16:05	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/16/19 16:05	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 16:05	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 16:05	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:05	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	88	%	68-153	1		12/16/19 16:05	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		12/16/19 16:05	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		12/16/19 16:05	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**<2.0**	mg/L	2.0	1		12/18/19 01:12	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		12/18/19 01:12	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.086**	mg/L	0.050	1		12/12/19 22:42	14797-55-8	
Nitrate-Nitrite (as N)	**0.097**	mg/L	0.050	1		12/12/19 22:42	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		12/12/19 20:41	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-64D **Lab ID: 70115048006** Collected: 12/11/19 09:57 Received: 12/12/19 10:50 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	**335000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:22		
Calcium	**134000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:22	7440-70-2	
Hardness, Magnesium	**66300**	ug/L	830	1	12/16/19 14:58	12/17/19 12:22		N3
Magnesium	**16100**	ug/L	200	1	12/16/19 14:58	12/17/19 12:22	7439-95-4	
Potassium	**6370**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:22	7440-09-7	
Sodium	**35500**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:22	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**401000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:22		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 17:56	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 17:56	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 17:56	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 17:56	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 17:56	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 17:56	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-64D **Lab ID: 70115048006** Collected: 12/11/19 09:57 Received: 12/12/19 10:50 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		12/16/19 17:56	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 17:56	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 17:56	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:56	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 17:56	108-05-4	
Vinyl chloride	**2.8**	ug/L	1.0	1		12/16/19 17:56	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 17:56	1330-20-7	
cis-1,2-Dichloroethene	**3.0**	ug/L	1.0	1		12/16/19 17:56	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 17:56	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 17:56	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	86	%	68-153	1		12/16/19 17:56	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/16/19 17:56	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		12/16/19 17:56	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**43.2**	mg/L	2.0	1		12/19/19 00:52	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		12/19/19 00:52	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.074**	mg/L	0.050	1		12/12/19 22:43	14797-55-8	
Nitrate-Nitrite (as N)	**0.16**	mg/L	0.050	1		12/12/19 22:43	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**0.091**	mg/L	0.050	1		12/12/19 20:42	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-65 **Lab ID: 70115048007** Collected: 12/11/19 09:15 Received: 12/12/19 10:50 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	**846000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:29		
Calcium	**339000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:29	7440-70-2	M1
Hardness, Magnesium	**289000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:29		N3
Magnesium	**70200**	ug/L	200	1	12/16/19 14:58	12/17/19 12:29	7439-95-4	
Potassium	**11300**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:29	7440-09-7	
Sodium	**641000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:29	7440-23-5	M1
Tot Hardness asCaCO3 (SM 2340B	**1140000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:29		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	630-20-6	
1,1,1-Trichloroethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	79-34-5	
1,1,2-Trichloroethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	79-00-5	
1,1-Dichloroethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-34-3	
1,1-Dichloroethene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-35-4	
1,1-Dichloropropene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	563-58-6	
1,2,3-Trichlorobenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	87-61-6	
1,2,3-Trichloropropane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	96-18-4	
1,2,4-Trichlorobenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	120-82-1	
1,2,4-Trimethylbenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	96-12-8	
1,2-Dibromoethane (EDB)	**<5.0**	ug/L	5.0	5		12/16/19 13:18	106-93-4	
1,2-Dichlorobenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	95-50-1	
1,2-Dichloroethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	107-06-2	
1,2-Dichloropropane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	78-87-5	
1,3,5-Trimethylbenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	108-67-8	
1,3-Dichlorobenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	541-73-1	
1,3-Dichloropropane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	142-28-9	
1,4-Dichlorobenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	106-46-7	
2,2-Dichloropropane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	594-20-7	
2-Butanone (MEK)	**<25.0**	ug/L	25.0	5		12/16/19 13:18	78-93-3	IL
2-Chlorotoluene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	95-49-8	
2-Hexanone	**<25.0**	ug/L	25.0	5		12/16/19 13:18	591-78-6	
4-Chlorotoluene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<25.0**	ug/L	25.0	5		12/16/19 13:18	108-10-1	
Acetone	**<25.0**	ug/L	25.0	5		12/16/19 13:18	67-64-1	CH,IC
Benzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	71-43-2	
Bromobenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	108-86-1	
Bromochloromethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	74-97-5	
Bromodichloromethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-27-4	
Bromoform	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-25-2	
Bromomethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	74-83-9	
Carbon disulfide	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-15-0	
Carbon tetrachloride	**<5.0**	ug/L	5.0	5		12/16/19 13:18	56-23-5	
Chlorobenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	108-90-7	
Chloroethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-65 **Lab ID: 70115048007** Collected: 12/11/19 09:15 Received: 12/12/19 10:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Chloroform	**<5.0**	ug/L	5.0	5		12/16/19 13:18	67-66-3	
Chloromethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	74-87-3	
Dibromochloromethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	124-48-1	
Dibromomethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	74-95-3	
Dichlorodifluoromethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-71-8	CL
Ethylbenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	100-41-4	
Hexachloro-1,3-butadiene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	87-68-3	
Isopropylbenzene (Cumene)	**<5.0**	ug/L	5.0	5		12/16/19 13:18	98-82-8	
Methyl-tert-butyl ether	**<5.0**	ug/L	5.0	5		12/16/19 13:18	1634-04-4	
Methylene Chloride	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-09-2	
Naphthalene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	91-20-3	
Styrene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	100-42-5	
Tetrachloroethene	**194**	ug/L	5.0	5		12/16/19 13:18	127-18-4	
Toluene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	108-88-3	
Trichloroethene	**122**	ug/L	5.0	5		12/16/19 13:18	79-01-6	
Trichlorofluoromethane	**<5.0**	ug/L	5.0	5		12/16/19 13:18	75-69-4	
Vinyl acetate	**<5.0**	ug/L	5.0	5		12/16/19 13:18	108-05-4	
Vinyl chloride	**24.6**	ug/L	5.0	5		12/16/19 13:18	75-01-4	
Xylene (Total)	**<15.0**	ug/L	15.0	5		12/16/19 13:18	1330-20-7	
cis-1,2-Dichloroethene	**477**	ug/L	5.0	5		12/16/19 13:18	156-59-2	M1
cis-1,3-Dichloropropene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	10061-01-5	
m&p-Xylene	**<10.0**	ug/L	10.0	5		12/16/19 13:18	179601-23-1	
n-Butylbenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	104-51-8	
n-Propylbenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	103-65-1	
o-Xylene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	95-47-6	
p-Isopropyltoluene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	99-87-6	
sec-Butylbenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	135-98-8	
tert-Butylbenzene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	98-06-6	
trans-1,2-Dichloroethene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	156-60-5	
trans-1,3-Dichloropropene	**<5.0**	ug/L	5.0	5		12/16/19 13:18	10061-02-6	M1
Surrogates								
1,2-Dichloroethane-d4 (S)	88	%	68-153	5		12/16/19 13:18	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	5		12/16/19 13:18	460-00-4	
Toluene-d8 (S)	96	%	69-124	5		12/16/19 13:18	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1530**	mg/L	200	100		12/18/19 02:35	16887-00-6	
Sulfate	**266**	mg/L	50.0	10		12/19/19 01:42	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		12/12/19 22:44	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		12/12/19 22:44	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		12/12/19 20:44	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-67 **Lab ID: 70115048008** Collected: 12/11/19 10:31 Received: 12/12/19 10:50 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	**107000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:41		
Calcium	**42800**	ug/L	200	1	12/16/19 14:58	12/17/19 12:41	7440-70-2	
Hardness, Magnesium	**26000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:41		N3
Magnesium	**6320**	ug/L	200	1	12/16/19 14:58	12/17/19 12:41	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:41	7440-09-7	
Sodium	**14400**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:41	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**133000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:41		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 18:19	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 18:19	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 18:19	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 18:19	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 18:19	67-64-1	CH,IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 18:19	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-67 **Lab ID: 70115048008** Collected: 12/11/19 10:31 Received: 12/12/19 10:50 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		12/16/19 18:19	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 18:19	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 18:19	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 18:19	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/16/19 18:19	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 18:19	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 18:19	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 18:19	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	88	%	68-153	1		12/16/19 18:19	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/16/19 18:19	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		12/16/19 18:19	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**22.6**	mg/L	2.0	1		12/19/19 02:32	16887-00-6	
Sulfate	**15.0**	mg/L	5.0	1		12/19/19 02:32	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		12/12/19 22:48	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		12/12/19 22:48	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		12/12/19 20:47	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-68 **Lab ID: 70115048009** Collected: 12/11/19 10:15 Received: 12/12/19 10:50 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	**312000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:43		
Calcium	**125000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:43	7440-70-2	
Hardness, Magnesium	**77000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:43		N3
Magnesium	**18700**	ug/L	200	1	12/16/19 14:58	12/17/19 12:43	7439-95-4	
Potassium	**8020**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:43	7440-09-7	
Sodium	**41200**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:43	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**389000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:43		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 16:28	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 16:28	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 16:28	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 16:28	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 16:28	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 16:28	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-68 **Lab ID: 70115048009** Collected: 12/11/19 10:15 Received: 12/12/19 10:50 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		12/16/19 16:28	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 16:28	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 16:28	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 16:28	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/16/19 16:28	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 16:28	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 16:28	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:28	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	68-153	1		12/16/19 16:28	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		12/16/19 16:28	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		12/16/19 16:28	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**54.3**	mg/L	10.0	5		12/18/19 05:23	16887-00-6	
Sulfate	**46.3**	mg/L	5.0	1		12/18/19 05:06	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		12/12/19 22:49	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		12/12/19 22:49	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		12/12/19 20:48	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-70S **Lab ID: 70115048010** Collected: 12/11/19 11:03 Received: 12/12/19 10:50 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	**492000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:46		
Calcium	**197000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:46	7440-70-2	
Hardness, Magnesium	**218000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:46		N3
Magnesium	**52900**	ug/L	200	1	12/16/19 14:58	12/17/19 12:46	7439-95-4	
Potassium	**6700**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:46	7440-09-7	
Sodium	**270000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:46	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**710000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:46		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 16:51	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 16:51	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 16:51	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 16:51	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 16:51	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 16:51	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-70S **Lab ID: 70115048010** Collected: 12/11/19 11:03 Received: 12/12/19 10:50 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		12/16/19 16:51	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 16:51	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 16:51	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 16:51	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/16/19 16:51	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 16:51	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 16:51	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 16:51	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	87	%	68-153	1		12/16/19 16:51	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		12/16/19 16:51	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		12/16/19 16:51	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**573**	mg/L	100	50		12/18/19 05:56	16887-00-6	
Sulfate	**30.3**	mg/L	5.0	1		12/19/19 02:49	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		12/12/19 22:52	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		12/12/19 22:52	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		12/12/19 20:52	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-70D **Lab ID: 70115048011** Collected: 12/11/19 11:18 Received: 12/12/19 10:50 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	**400000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:48		
Calcium	**160000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:48	7440-70-2	
Hardness, Magnesium	**102000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:48		N3
Magnesium	**24800**	ug/L	200	1	12/16/19 14:58	12/17/19 12:48	7439-95-4	
Potassium	**10500**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:48	7440-09-7	
Sodium	**169000**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:48	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**502000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:48		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	120-82-1	
1,2,4-Trimethylbenzene	**45.4**	ug/L	1.0	1		12/16/19 17:14	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 17:14	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	78-87-5	
1,3,5-Trimethylbenzene	**1.7**	ug/L	1.0	1		12/16/19 17:14	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 17:14	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 17:14	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 17:14	108-10-1	
Acetone	**107**	ug/L	5.0	1		12/16/19 17:14	67-64-1	CH,IC
Benzene	**28.5**	ug/L	1.0	1		12/16/19 17:14	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 17:14	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: W-70D **Lab ID: 70115048011** Collected: 12/11/19 11:18 Received: 12/12/19 10:50 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		12/16/19 17:14	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	87-68-3	
Isopropylbenzene (Cumene)	**6.8**	ug/L	1.0	1		12/16/19 17:14	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 17:14	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 17:14	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 17:14	108-05-4	
Vinyl chloride	**1.7**	ug/L	1.0	1		12/16/19 17:14	75-01-4	
Xylene (Total)	**3.2**	ug/L	3.0	1		12/16/19 17:14	1330-20-7	
cis-1,2-Dichloroethene	**3.1**	ug/L	1.0	1		12/16/19 17:14	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 17:14	179601-23-1	
n-Butylbenzene	**2.4**	ug/L	1.0	1		12/16/19 17:14	104-51-8	
n-Propylbenzene	**10.1**	ug/L	1.0	1		12/16/19 17:14	103-65-1	
o-Xylene	**2.0**	ug/L	1.0	1		12/16/19 17:14	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	99-87-6	
sec-Butylbenzene	**2.1**	ug/L	1.0	1		12/16/19 17:14	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 17:14	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	68-153	1		12/16/19 17:14	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		12/16/19 17:14	460-00-4	
Toluene-d8 (S)	94	%	69-124	1		12/16/19 17:14	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**413**	mg/L	20.0	10		12/18/19 06:30	16887-00-6	
Sulfate	**12.7**	mg/L	5.0	1		12/18/19 06:13	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		12/12/19 22:53	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		12/12/19 22:53	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		12/12/19 20:53	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: DUP X **Lab ID: 70115048012** Collected: 12/11/19 00:00 Received: 12/12/19 10:50 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	**322000**	ug/L	500	1	12/16/19 14:58	12/17/19 12:50		
Calcium	**129000**	ug/L	200	1	12/16/19 14:58	12/17/19 12:50	7440-70-2	
Hardness, Magnesium	**63400**	ug/L	830	1	12/16/19 14:58	12/17/19 12:50		N3
Magnesium	**15400**	ug/L	200	1	12/16/19 14:58	12/17/19 12:50	7439-95-4	
Potassium	**6350**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:50	7440-09-7	
Sodium	**35400**	ug/L	5000	1	12/16/19 14:58	12/17/19 12:50	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**386000**	ug/L	830	1	12/16/19 14:58	12/17/19 12:50		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 18:42	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 18:42	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 18:42	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 18:42	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 18:42	67-64-1	CH,IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 18:42	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: DUP X **Lab ID: 70115048012** Collected: 12/11/19 00:00 Received: 12/12/19 10:50 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		12/16/19 18:42	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 18:42	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 18:42	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 18:42	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 18:42	108-05-4	
Vinyl chloride	**2.4**	ug/L	1.0	1		12/16/19 18:42	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 18:42	1330-20-7	
cis-1,2-Dichloroethene	**3.4**	ug/L	1.0	1		12/16/19 18:42	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 18:42	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 18:42	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	88	%	68-153	1		12/16/19 18:42	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		12/16/19 18:42	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		12/16/19 18:42	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**42.9**	mg/L	2.0	1		12/19/19 03:06	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		12/19/19 03:06	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.057**	mg/L	0.050	1		12/12/19 22:55	14797-55-8	
Nitrate-Nitrite (as N)	**0.15**	mg/L	0.050	1		12/12/19 22:55	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**0.088**	mg/L	0.050	1		12/12/19 20:54	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: TRIP BLANK **Lab ID: 70115048013** Collected: 12/11/19 00:00 Received: 12/12/19 10:50 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		12/16/19 12:59	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		12/16/19 12:59	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		12/16/19 12:59	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		12/16/19 12:59	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		12/16/19 12:59	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		12/16/19 12:59	67-64-1	IC
Benzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		12/16/19 12:59	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		12/16/19 12:59	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		12/16/19 12:59	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		12/16/19 12:59	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-09-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Sample: TRIP BLANK **Lab ID: 70115048013** Collected: 12/11/19 00:00 Received: 12/12/19 10:50 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		12/16/19 12:59	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		12/16/19 12:59	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		12/16/19 12:59	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		12/16/19 12:59	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		12/16/19 12:59	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		12/16/19 12:59	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	89	%	68-153	1		12/16/19 12:59	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		12/16/19 12:59	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		12/16/19 12:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

QC Batch: 142421 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

METHOD BLANK: 682839 Matrix: Water
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<500	500	12/17/19 11:33	
Calcium	ug/L	<200	200	12/17/19 11:33	
Hardness, Magnesium	ug/L	<830	830	12/17/19 11:33	N3
Magnesium	ug/L	<200	200	12/17/19 11:33	
Potassium	ug/L	<5000	5000	12/17/19 11:33	
Sodium	ug/L	<5000	5000	12/17/19 11:33	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<830	830	12/17/19 11:33	

LABORATORY CONTROL SAMPLE: 682840

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		66700			
Calcium	ug/L	25000	26700	107	85-115	
Hardness, Magnesium	ug/L		108000			N3
Magnesium	ug/L	25000	26300	105	85-115	
Potassium	ug/L	50000	51700	103	85-115	
Sodium	ug/L	50000	52100	104	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		175000			

MATRIX SPIKE SAMPLE: 682842

Parameter	Units	70115048001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	452000		492000			
Calcium	ug/L	181000	25000	197000	64	70-130	M1
Hardness, Magnesium	ug/L	74500		176000			N3
Magnesium	ug/L	18100	25000	42800	99	70-130	
Potassium	ug/L	20100	50000	74700	109	70-130	
Sodium	ug/L	549000	50000	575000	52	70-130	M1
Tot Hardness asCaCO3 (SM 2340B	ug/L	526000		668000			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

MATRIX SPIKE SAMPLE: 682844

Parameter	Units	70115048007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	846000		874000			
Calcium	ug/L	339000	25000	350000	44	70-130	M1
Hardness, Magnesium	ug/L	289000		388000			N3
Magnesium	ug/L	70200	25000	94100	96	70-130	
Potassium	ug/L	11300	50000	75100	128	70-130	
Sodium	ug/L	641000	50000	668000	54	70-130	M1
Tot Hardness asCaCO3 (SM 2340B	ug/L	1140000		1260000			

SAMPLE DUPLICATE: 682841

Parameter	Units	70115048001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	452000	449000	1	
Calcium	ug/L	181000	180000	1	
Hardness, Magnesium	ug/L	74500	74100	1	N3
Magnesium	ug/L	18100	18000	1	
Potassium	ug/L	20100	20100	0	
Sodium	ug/L	549000	545000	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	526000	524000	1	

SAMPLE DUPLICATE: 682843

Parameter	Units	70115048007 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	846000	849000	0	
Calcium	ug/L	339000	340000	0	
Hardness, Magnesium	ug/L	289000	290000	0	N3
Magnesium	ug/L	70200	70400	0	
Potassium	ug/L	11300	11600	3	
Sodium	ug/L	641000	642000	0	
Tot Hardness asCaCO3 (SM 2340B	ug/L	1140000	1140000	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

QC Batch: 142380 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012, 70115048013

METHOD BLANK: 682580 Matrix: Water
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012, 70115048013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	12/16/19 11:40	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	12/16/19 11:40	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	12/16/19 11:40	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	12/16/19 11:40	
1,1-Dichloroethane	ug/L	<1.0	1.0	12/16/19 11:40	
1,1-Dichloroethene	ug/L	<1.0	1.0	12/16/19 11:40	
1,1-Dichloropropene	ug/L	<1.0	1.0	12/16/19 11:40	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	12/16/19 11:40	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	12/16/19 11:40	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	12/16/19 11:40	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	12/16/19 11:40	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	12/16/19 11:40	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	12/16/19 11:40	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	12/16/19 11:40	
1,2-Dichloroethane	ug/L	<1.0	1.0	12/16/19 11:40	
1,2-Dichloropropane	ug/L	<1.0	1.0	12/16/19 11:40	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	12/16/19 11:40	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	12/16/19 11:40	
1,3-Dichloropropane	ug/L	<1.0	1.0	12/16/19 11:40	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	12/16/19 11:40	
2,2-Dichloropropane	ug/L	<1.0	1.0	12/16/19 11:40	
2-Butanone (MEK)	ug/L	<5.0	5.0	12/16/19 11:40	IL
2-Chlorotoluene	ug/L	<1.0	1.0	12/16/19 11:40	
2-Hexanone	ug/L	<5.0	5.0	12/16/19 11:40	
4-Chlorotoluene	ug/L	<1.0	1.0	12/16/19 11:40	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	12/16/19 11:40	
Acetone	ug/L	<5.0	5.0	12/16/19 11:40	IC
Benzene	ug/L	<1.0	1.0	12/16/19 11:40	
Bromobenzene	ug/L	<1.0	1.0	12/16/19 11:40	
Bromochloromethane	ug/L	<1.0	1.0	12/16/19 11:40	
Bromodichloromethane	ug/L	<1.0	1.0	12/16/19 11:40	
Bromoform	ug/L	<1.0	1.0	12/16/19 11:40	
Bromomethane	ug/L	<1.0	1.0	12/16/19 11:40	
Carbon disulfide	ug/L	<1.0	1.0	12/16/19 11:40	
Carbon tetrachloride	ug/L	<1.0	1.0	12/16/19 11:40	
Chlorobenzene	ug/L	<1.0	1.0	12/16/19 11:40	
Chloroethane	ug/L	<1.0	1.0	12/16/19 11:40	
Chloroform	ug/L	<1.0	1.0	12/16/19 11:40	
Chloromethane	ug/L	<1.0	1.0	12/16/19 11:40	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	12/16/19 11:40	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

METHOD BLANK: 682580 Matrix: Water

Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012, 70115048013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	12/16/19 11:40	
Dibromochloromethane	ug/L	<1.0	1.0	12/16/19 11:40	
Dibromomethane	ug/L	<1.0	1.0	12/16/19 11:40	
Dichlorodifluoromethane	ug/L	<1.0	1.0	12/16/19 11:40	CL
Ethylbenzene	ug/L	<1.0	1.0	12/16/19 11:40	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	12/16/19 11:40	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	12/16/19 11:40	
m&p-Xylene	ug/L	<2.0	2.0	12/16/19 11:40	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	12/16/19 11:40	
Methylene Chloride	ug/L	<1.0	1.0	12/16/19 11:40	
n-Butylbenzene	ug/L	<1.0	1.0	12/16/19 11:40	
n-Propylbenzene	ug/L	<1.0	1.0	12/16/19 11:40	
Naphthalene	ug/L	<1.0	1.0	12/16/19 11:40	
o-Xylene	ug/L	<1.0	1.0	12/16/19 11:40	
p-Isopropyltoluene	ug/L	<1.0	1.0	12/16/19 11:40	
sec-Butylbenzene	ug/L	<1.0	1.0	12/16/19 11:40	
Styrene	ug/L	<1.0	1.0	12/16/19 11:40	
tert-Butylbenzene	ug/L	<1.0	1.0	12/16/19 11:40	
Tetrachloroethene	ug/L	<1.0	1.0	12/16/19 11:40	
Toluene	ug/L	<1.0	1.0	12/16/19 11:40	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	12/16/19 11:40	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	12/16/19 11:40	
Trichloroethene	ug/L	<1.0	1.0	12/16/19 11:40	
Trichlorofluoromethane	ug/L	<1.0	1.0	12/16/19 11:40	
Vinyl acetate	ug/L	<1.0	1.0	12/16/19 11:40	
Vinyl chloride	ug/L	<1.0	1.0	12/16/19 11:40	
Xylene (Total)	ug/L	<3.0	3.0	12/16/19 11:40	
1,2-Dichloroethane-d4 (S)	%	90	68-153	12/16/19 11:40	
4-Bromofluorobenzene (S)	%	97	79-124	12/16/19 11:40	
Toluene-d8 (S)	%	96	69-124	12/16/19 11:40	

LABORATORY CONTROL SAMPLE: 682581

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	44.0	88	74-113	
1,1,1-Trichloroethane	ug/L	50	44.7	89	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	48.3	97	74-121	
1,1,2-Trichloroethane	ug/L	50	50.9	102	80-117	
1,1-Dichloroethane	ug/L	50	53.8	108	83-151	
1,1-Dichloroethene	ug/L	50	52.4	105	45-146	
1,1-Dichloropropene	ug/L	50	48.8	98	59-127	
1,2,3-Trichlorobenzene	ug/L	50	49.2	98	67-103	
1,2,3-Trichloropropane	ug/L	50	43.5	87	71-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

LABORATORY CONTROL SAMPLE: 682581

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	49.0	98	66-116	
1,2,4-Trimethylbenzene	ug/L	50	46.9	94	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	40.8	82	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	46.2	92	83-115	
1,2-Dichlorobenzene	ug/L	50	47.2	94	74-113	
1,2-Dichloroethane	ug/L	50	53.0	106	74-129	
1,2-Dichloropropane	ug/L	50	50.7	101	75-117	
1,3,5-Trimethylbenzene	ug/L	50	46.8	94	67-116	
1,3-Dichlorobenzene	ug/L	50	47.1	94	71-112	
1,3-Dichloropropane	ug/L	50	50.1	100	74-112	
1,4-Dichlorobenzene	ug/L	50	46.7	93	71-113	
2,2-Dichloropropane	ug/L	50	45.1	90	63-133	
2-Butanone (MEK)	ug/L	50	37.1	74	44-162	IL
2-Chlorotoluene	ug/L	50	47.8	96	74-101	
2-Hexanone	ug/L	50	43.2	86	32-183	
4-Chlorotoluene	ug/L	50	48.6	97	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	45.2	90	69-132	
Acetone	ug/L	50	48.8	98	23-188	CH,IC
Benzene	ug/L	50	50.1	100	73-119	
Bromobenzene	ug/L	50	44.0	88	72-102	
Bromochloromethane	ug/L	50	56.1	112	81-116	
Bromodichloromethane	ug/L	50	48.8	98	78-117	
Bromoform	ug/L	50	40.3	81	65-122	
Bromomethane	ug/L	50	58.6	117	52-147	
Carbon disulfide	ug/L	50	48.6	97	41-144	
Carbon tetrachloride	ug/L	50	48.5	97	59-120	
Chlorobenzene	ug/L	50	48.7	97	75-113	
Chloroethane	ug/L	50	49.9	100	49-151	
Chloroform	ug/L	50	57.2	114	72-122	
Chloromethane	ug/L	50	40.6	81	46-144	
cis-1,2-Dichloroethene	ug/L	50	54.6	109	72-121	
cis-1,3-Dichloropropene	ug/L	50	46.1	92	78-116	
Dibromochloromethane	ug/L	50	44.6	89	70-120	
Dibromomethane	ug/L	50	47.7	95	75-125	
Dichlorodifluoromethane	ug/L	50	16.8	34	22-154	CL
Ethylbenzene	ug/L	50	47.6	95	70-113	
Hexachloro-1,3-butadiene	ug/L	50	51.3	103	59-121	
Isopropylbenzene (Cumene)	ug/L	50	46.5	93	67-115	
m&p-Xylene	ug/L	100	94.1	94	72-115	
Methyl-tert-butyl ether	ug/L	50	50.0	100	72-131	
Methylene Chloride	ug/L	50	57.3	115	61-142	
n-Butylbenzene	ug/L	50	52.6	105	73-107	
n-Propylbenzene	ug/L	50	48.8	98	68-116	
Naphthalene	ug/L	50	50.0	100	70-118	
o-Xylene	ug/L	50	47.4	95	73-117	
p-Isopropyltoluene	ug/L	50	48.6	97	73-101	
sec-Butylbenzene	ug/L	50	49.7	99	72-103	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

LABORATORY CONTROL SAMPLE: 682581

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	48.0	96	72-118	
tert-Butylbenzene	ug/L	50	47.2	94	68-100	
Tetrachloroethene	ug/L	50	44.9	90	60-128	
Toluene	ug/L	50	50.4	101	72-119	
trans-1,2-Dichloroethene	ug/L	50	53.9	108	56-142	
trans-1,3-Dichloropropene	ug/L	50	42.1	84	79-116	
Trichloroethene	ug/L	50	47.1	94	69-117	
Trichlorofluoromethane	ug/L	50	51.3	103	27-173	
Vinyl acetate	ug/L	50	47.3	95	20-158	
Vinyl chloride	ug/L	50	46.4	93	43-143	
Xylene (Total)	ug/L	150	141	94	71-109	
1,2-Dichloroethane-d4 (S)	%			89	68-153	
4-Bromofluorobenzene (S)	%			98	79-124	
Toluene-d8 (S)	%			97	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 682582 682583

Parameter	Units	70115048007 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	<5.0	250	250	213	208	85	83	74-113	2	
1,1,1-Trichloroethane	ug/L	<5.0	250	250	229	226	92	90	65-118	1	
1,1,2,2-Tetrachloroethane	ug/L	<5.0	250	250	238	233	95	93	74-121	2	
1,1,2-Trichloroethane	ug/L	<5.0	250	250	257	253	103	101	80-117	2	
1,1-Dichloroethane	ug/L	<5.0	250	250	283	269	113	108	83-151	5	
1,1-Dichloroethene	ug/L	<5.0	250	250	296	286	118	114	45-146	4	
1,1-Dichloropropene	ug/L	<5.0	250	250	259	249	104	99	59-127	4	
1,2,3-Trichlorobenzene	ug/L	<5.0	250	250	244	249	98	99	67-103	2	
1,2,3-Trichloropropane	ug/L	<5.0	250	250	209	207	84	83	71-123	1	
1,2,4-Trichlorobenzene	ug/L	<5.0	250	250	242	240	97	96	66-116	1	
1,2,4-Trimethylbenzene	ug/L	<5.0	250	250	232	230	93	92	68-116	1	
1,2-Dibromo-3-chloropropane	ug/L	<5.0	250	250	190	186	76	74	74-119	2	
1,2-Dibromoethane (EDB)	ug/L	<5.0	250	250	227	225	91	90	83-115	1	
1,2-Dichlorobenzene	ug/L	<5.0	250	250	236	231	94	92	74-113	2	
1,2-Dichloroethane	ug/L	<5.0	250	250	261	261	105	104	74-129	0	
1,2-Dichloropropane	ug/L	<5.0	250	250	250	242	100	97	75-117	3	
1,3,5-Trimethylbenzene	ug/L	<5.0	250	250	232	230	93	92	67-116	1	
1,3-Dichlorobenzene	ug/L	<5.0	250	250	235	228	94	91	71-112	3	
1,3-Dichloropropane	ug/L	<5.0	250	250	244	244	97	98	74-112	0	
1,4-Dichlorobenzene	ug/L	<5.0	250	250	231	226	92	91	71-113	2	
2,2-Dichloropropane	ug/L	<5.0	250	250	225	223	90	89	63-133	1	
2-Butanone (MEK)	ug/L	<25.0	250	250	176	177	70	71	44-162	1	IL
2-Chlorotoluene	ug/L	<5.0	250	250	239	236	95	95	74-101	1	
2-Hexanone	ug/L	<25.0	250	250	207	203	83	81	32-183	2	
4-Chlorotoluene	ug/L	<5.0	250	250	242	236	97	94	74-101	2	
4-Methyl-2-pentanone (MIBK)	ug/L	<25.0	250	250	219	219	88	87	69-132	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 682582 682583

Parameter	Units	70115048007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acetone	ug/L	<25.0	250	250	245	238	98	95	23-188	3	CH,IC
Benzene	ug/L	<5.0	250	250	256	246	102	99	73-119	4	
Bromobenzene	ug/L	<5.0	250	250	220	215	88	86	72-102	2	
Bromochloromethane	ug/L	<5.0	250	250	271	264	108	106	81-116	2	
Bromodichloromethane	ug/L	<5.0	250	250	240	237	96	95	78-117	1	
Bromoform	ug/L	<5.0	250	250	184	186	74	74	65-122	1	
Bromomethane	ug/L	<5.0	250	250	271	284	108	114	52-147	5	
Carbon disulfide	ug/L	<5.0	250	250	268	258	107	103	41-144	4	
Carbon tetrachloride	ug/L	<5.0	250	250	248	244	99	98	59-120	2	
Chlorobenzene	ug/L	<5.0	250	250	242	234	97	94	75-113	3	
Chloroethane	ug/L	<5.0	250	250	290	266	116	106	49-151	9	
Chloroform	ug/L	<5.0	250	250	289	283	116	113	72-122	2	
Chloromethane	ug/L	<5.0	250	250	252	252	101	101	46-144	0	
cis-1,2-Dichloroethene	ug/L	477	250	250	816	775	135	119	72-121	5	M1
cis-1,3-Dichloropropene	ug/L	<5.0	250	250	221	219	88	88	78-116	1	
Dibromochloromethane	ug/L	<5.0	250	250	211	210	84	84	70-120	1	
Dibromomethane	ug/L	<5.0	250	250	235	230	94	92	75-125	2	
Dichlorodifluoromethane	ug/L	<5.0	250	250	103	99.6	41	40	22-154	3	CL
Ethylbenzene	ug/L	<5.0	250	250	242	234	97	94	70-113	3	
Hexachloro-1,3-butadiene	ug/L	<5.0	250	250	247	249	99	100	59-121	1	
Isopropylbenzene (Cumene)	ug/L	<5.0	250	250	236	233	94	93	67-115	1	
m&p-Xylene	ug/L	<10.0	500	500	472	459	94	92	72-115	3	
Methyl-tert-butyl ether	ug/L	<5.0	250	250	248	244	99	98	72-131	2	
Methylene Chloride	ug/L	<5.0	250	250	299	284	120	113	61-142	5	
n-Butylbenzene	ug/L	<5.0	250	250	265	260	106	104	73-107	2	
n-Propylbenzene	ug/L	<5.0	250	250	248	244	99	98	68-116	2	
Naphthalene	ug/L	<5.0	250	250	239	246	96	98	70-118	3	
o-Xylene	ug/L	<5.0	250	250	236	230	94	92	73-117	3	
p-Isopropyltoluene	ug/L	<5.0	250	250	242	244	97	97	73-101	1	
sec-Butylbenzene	ug/L	<5.0	250	250	250	246	100	98	72-103	2	
Styrene	ug/L	<5.0	250	250	236	231	94	92	72-118	2	
tert-Butylbenzene	ug/L	<5.0	250	250	238	235	95	94	68-100	2	
Tetrachloroethene	ug/L	194	250	250	453	432	104	95	60-128	5	
Toluene	ug/L	<5.0	250	250	257	249	103	100	72-119	3	
trans-1,2-Dichloroethene	ug/L	<5.0	250	250	288	279	115	112	56-142	3	
trans-1,3-Dichloropropene	ug/L	<5.0	250	250	201	196	80	78	79-116	2	M1
Trichloroethene	ug/L	122	250	250	382	368	104	99	69-117	4	
Trichlorofluoromethane	ug/L	<5.0	250	250	290	277	116	111	27-173	4	
Vinyl acetate	ug/L	<5.0	250	250	243	238	97	95	20-158	2	
Vinyl chloride	ug/L	24.6	250	250	312	298	115	109	43-143	4	
Xylene (Total)	ug/L	<15.0	750	750	707	688	94	92	71-109	3	
1,2-Dichloroethane-d4 (S)	%						87	88	68-153		
4-Bromofluorobenzene (S)	%						99	98	79-124		
Toluene-d8 (S)	%						96	96	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

QC Batch: 142616 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

METHOD BLANK: 683651 Matrix: Water
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	12/17/19 18:47	
Sulfate	mg/L	<5.0	5.0	12/17/19 18:47	

LABORATORY CONTROL SAMPLE: 683652

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.2	102	90-110	
Sulfate	mg/L	10	10.5	105	90-110	

MATRIX SPIKE SAMPLE: 683653

Parameter	Units	70114809001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	275	100	385	109	80-120	
Sulfate	mg/L	342	100	444	103	80-120	

MATRIX SPIKE SAMPLE: 683655

Parameter	Units	70115048007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1530	1000	2610	108	80-120	
Sulfate	mg/L	266	100	359	93	80-120	

SAMPLE DUPLICATE: 683654

Parameter	Units	70114809001 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	275	277	1	
Sulfate	mg/L	342	344	1	

SAMPLE DUPLICATE: 683656

Parameter	Units	70115048007 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1530	1530	0	
Sulfate	mg/L	266	267	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

QC Batch: 142094 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

METHOD BLANK: 681035 Matrix: Water
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	12/12/19 20:35	

LABORATORY CONTROL SAMPLE: 681036

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: 681037

Parameter	Units	70115048007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.52	98	90-110	

MATRIX SPIKE SAMPLE: 681039

Parameter	Units	70115192001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.46	86	90-110	M1

SAMPLE DUPLICATE: 681038

Parameter	Units	70115048007 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 681040

Parameter	Units	70115192001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

QC Batch: 142107 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

METHOD BLANK: 681085 Matrix: Water
Associated Lab Samples: 70115048001, 70115048002, 70115048003, 70115048005, 70115048006, 70115048007, 70115048008, 70115048009, 70115048010, 70115048011, 70115048012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	12/12/19 22:36	

LABORATORY CONTROL SAMPLE: 681086

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE: 681087

Parameter	Units	70115048007 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.49	95	90-110	

MATRIX SPIKE SAMPLE: 681089

Parameter	Units	70115191001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.8	5	6.2	88	90-110	M6

SAMPLE DUPLICATE: 681088

Parameter	Units	70115048007 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 681090

Parameter	Units	70115191001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.8	1.8	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

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.

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.
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.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70115048001	**MW-19**	EPA 200.7	142421	EPA 200.7	142423
70115048002	**MW-46**	EPA 200.7	142421	EPA 200.7	142423
70115048003	**MW-62**	EPA 200.7	142421	EPA 200.7	142423
70115048005	**W-64S**	EPA 200.7	142421	EPA 200.7	142423
70115048006	**W-64D**	EPA 200.7	142421	EPA 200.7	142423
70115048007	**W-65**	EPA 200.7	142421	EPA 200.7	142423
70115048008	**W-67**	EPA 200.7	142421	EPA 200.7	142423
70115048009	**W-68**	EPA 200.7	142421	EPA 200.7	142423
70115048010	**W-70S**	EPA 200.7	142421	EPA 200.7	142423
70115048011	**W-70D**	EPA 200.7	142421	EPA 200.7	142423
70115048012	**DUP X**	EPA 200.7	142421	EPA 200.7	142423
70115048001	**MW-19**	EPA 8260C/5030C	142380		
70115048002	**MW-46**	EPA 8260C/5030C	142380		
70115048003	**MW-62**	EPA 8260C/5030C	142380		
70115048005	**W-64S**	EPA 8260C/5030C	142380		
70115048006	**W-64D**	EPA 8260C/5030C	142380		
70115048007	**W-65**	EPA 8260C/5030C	142380		
70115048008	**W-67**	EPA 8260C/5030C	142380		
70115048009	**W-68**	EPA 8260C/5030C	142380		
70115048010	**W-70S**	EPA 8260C/5030C	142380		
70115048011	**W-70D**	EPA 8260C/5030C	142380		
70115048012	**DUP X**	EPA 8260C/5030C	142380		
70115048013	**TRIP BLANK**	EPA 8260C/5030C	142380		
70115048001	**MW-19**	EPA 300.0	142616		
70115048002	**MW-46**	EPA 300.0	142616		
70115048003	**MW-62**	EPA 300.0	142616		
70115048005	**W-64S**	EPA 300.0	142616		
70115048006	**W-64D**	EPA 300.0	142616		
70115048007	**W-65**	EPA 300.0	142616		
70115048008	**W-67**	EPA 300.0	142616		
70115048009	**W-68**	EPA 300.0	142616		
70115048010	**W-70S**	EPA 300.0	142616		
70115048011	**W-70D**	EPA 300.0	142616		
70115048012	**DUP X**	EPA 300.0	142616		
70115048001	**MW-19**	EPA 353.2	142107		
70115048002	**MW-46**	EPA 353.2	142107		
70115048003	**MW-62**	EPA 353.2	142107		
70115048005	**W-64S**	EPA 353.2	142107		
70115048006	**W-64D**	EPA 353.2	142107		
70115048007	**W-65**	EPA 353.2	142107		
70115048008	**W-67**	EPA 353.2	142107		
70115048009	**W-68**	EPA 353.2	142107		
70115048010	**W-70S**	EPA 353.2	142107		
70115048011	**W-70D**	EPA 353.2	142107		
70115048012	**DUP X**	EPA 353.2	142107		
70115048001	**MW-19**	EPA 353.2	142094		
70115048002	**MW-46**	EPA 353.2	142094		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q4) 12/11
Pace Project No.: 70115048

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70115048003	**MW-62**	EPA 353.2	142094		
70115048005	**W-64S**	EPA 353.2	142094		
70115048006	**W-64D**	EPA 353.2	142094		
70115048007	**W-65**	EPA 353.2	142094		
70115048008	**W-67**	EPA 353.2	142094		
70115048009	**W-68**	EPA 353.2	142094		
70115048010	**W-70S**	EPA 353.2	142094		
70115048011	**W-70D**	EPA 353.2	142094		
70115048012	**DUP X**	EPA 353.2	142094		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

WO#:70115048

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-

LAB USE ONLY

Company: BARTON & LOGUIDICE

Billing Information: Accounts Payable 443 Electronics Pkwy Liverpool, NY

Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205

Report To: ANDY BARBER

Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Copy To: CORINNE STEINMULLER

Site Collection Info/Address: SCHENECTADY, NY 12308

Customer Project Name/Number: ALCO QUARTERLY GW (Q4)

State NY County/City SCHENECTADY Time Zone Collected EST

Lab Project Manager: JOHN.STANTON@PACELABS.COM JSA

3	U	1						

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Phone: (518)218-1801
Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Site/Facility ID #

Compliance Monitoring? [ ] Yes [ ] No

C. STEINMULLER

Purchase Order # 1368.001.004

Quote #

DW PWS ID #:

DW Location Code #:

Collected by (signature):

Turnaround Date Required: 2 WEEK

Immediately Packed on Ice? [ ] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive _____ [ ] Hold _____

RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:_____

* 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)

Analyses

Customer Sample ID	Matrix*	Comp/ Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	SULFATE	CHLORIDE	NITRATE	TOTAL HARDNESS	MS/MSD
MW-19	WW	G	12/11	1042	***	***		5	X	X	X	X	X	
MW-46	WW	G		1049	***	***		5	X	X	X	X	X	
MW-62	WW	G		945	***	***		5	X	X	X	X	X	
MW-64S	WW	G		1008	***	***		5	X	X	X	X	X	
MW-64D	WW	G		957	***	***		5	X	X	X	X	X	
MW-65 (MS/MSD)	WW	G		915	***	***		11	X	X	X	X	X	X
MW-67	WW	G		1031	***	***		5	X	X	X	X	X	
MW-68	WW	G		1015	***	***		5	X	X	X	X	X	
MW-70S	WW	G		1103	***	***		5	X	X	X	X	X	
MW-70D	WW	G		1118	***	***		5	X	X	X	X	X	
DUP X	WW	G		—	***	***		5	X	X	X	X	X	
TRIP BLANK	TB	G			***	***		2	X	X	X	X	X	

LAB Profile/Line:

LAB Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples received on ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in holding time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: HC945032			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

↓ LAB USE ONLY: ↓

Customer Remarks/ Special Conditions/ Possible Hazards:

Type of Ice Used: Wet [ ] Blue [ ] Dry [ ] None [ ]

SHORT HOLDS PRESENT (< 72 hours): Y N N/A

Packing Material Used: bb

LAB Tracking #: 1224 8331 3600

Samples received via: FEDEX [ ] UPS [ ] Client [ ] Courier [ ] Pace Courier [ ]

MTJL LAB USE ONLY

Table #:_____

ACCT #:_____

Template:_____

Prelogin:_____

PM:_____

PB:_____

LAB Sample Temperature Info:
Temp Blank received: Y N NA
Therm ID #: T1 T04
Cooler 1 Temp Upon Receipt 4.0 oC
Cooler 1 Therm Corr. Factor .2 oC
Cooler 1 Corrected Temp 4.2 oC
Comments:

Trip Blank Received: Y N N/A
HCL MeOH TSP Other

NonConformance(s) YES / NO

Page _____ of _____

Relinquished by/Company : (Signature)	Date/Time:	Received by/Company : (Signature)	Date/Time:
B&L	12-11-19 1125	PACE	12-11-19 11:25
PACE	12-11-19 1600	UPS Fedex	
		PACE (1)	12/12/19 10:30

Page 40 of 40

F-ALL-C-010-rev.00, 05Jul2018

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

April 01, 2019

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

RE: Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-19 **Lab ID: 7083004001** Collected: 03/20/19 07:30 Received: 03/21/19 10:35 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	**252000**	ug/L	2500	1	03/22/19 14:20	03/24/19 18:49		
Calcium	**101000**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:49	7440-70-2	
Hardness, Magnesium	**43000**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:49		N3
Magnesium	**10400**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:49	7439-95-4	
Potassium	**5710**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:49	7440-09-7	
Sodium	**462000**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:49	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**295000**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:49		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:01	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:01	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:01	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:01	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:01	67-64-1	IH
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:01	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-19 **Lab ID: 7083004001** Collected: 03/20/19 07:30 Received: 03/21/19 10:35 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		03/22/19 21:01	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:01	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:01	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	100-42-5	
Tetrachloroethene	**740**	ug/L	10.0	10		03/22/19 22:19	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-88-3	
Trichloroethene	**76.4**	ug/L	1.0	1		03/22/19 21:01	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:01	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:01	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:01	1330-20-7	
cis-1,2-Dichloroethene	**70.8**	ug/L	1.0	1		03/22/19 21:01	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:01	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	98-06-6	
trans-1,2-Dichloroethene	**1.1**	ug/L	1.0	1		03/22/19 21:01	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:01	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	124	%	68-153	1		03/22/19 21:01	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		03/22/19 21:01	460-00-4	
Toluene-d8 (S)	89	%	69-124	1		03/22/19 21:01	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**719**	mg/L	100	50		03/29/19 12:36	16887-00-6	
Sulfate	**54.5**	mg/L	50.0	10		03/29/19 02:17	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/21/19 21:45	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/21/19 21:45	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:06	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64S **Lab ID: 7083004002** Collected: 03/20/19 08:00 Received: 03/21/19 10:35 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	**201000**	ug/L	2500	1	03/22/19 14:20	03/24/19 18:54		
Calcium	**80400**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:54	7440-70-2	
Hardness, Magnesium	**46400**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:54		N3
Magnesium	**11300**	ug/L	1000	1	03/22/19 14:20	03/24/19 18:54	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:54	7440-09-7	
Sodium	**36500**	ug/L	5000	1	03/22/19 14:20	03/24/19 18:54	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**247000**	ug/L	4100	1	03/22/19 14:20	03/24/19 18:54		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:21	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:21	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:21	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:21	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:21	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:21	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64S **Lab ID: 7083004002** Collected: 03/20/19 08:00 Received: 03/21/19 10:35 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		03/22/19 21:21	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:21	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:21	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:21	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:21	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:21	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:21	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:21	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	124	%	68-153	1		03/22/19 21:21	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		03/22/19 21:21	460-00-4	
Toluene-d8 (S)	90	%	69-124	1		03/22/19 21:21	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**104**	mg/L	10.0	5		03/29/19 02:51	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		03/29/19 02:34	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/21/19 21:46	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/21/19 21:46	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:10	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64D **Lab ID: 7083004003** Collected: 03/20/19 08:15 Received: 03/21/19 10:35 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	**164000**	ug/L	2500	1	03/22/19 14:20	03/24/19 19:00		
Calcium	**65900**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:00	7440-70-2	
Hardness, Magnesium	**28800**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:00		N3
Magnesium	**7000**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:00	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:00	7440-09-7	
Sodium	**23800**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:00	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**193000**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:00		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:40	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:40	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:40	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:40	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:40	67-64-1	IH
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:40	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-64D **Lab ID: 7083004003** Collected: 03/20/19 08:15 Received: 03/21/19 10:35 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		03/22/19 21:40	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:40	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:40	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:40	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:40	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:40	1330-20-7	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	1		03/22/19 21:40	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:40	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:40	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	125	%	68-153	1		03/22/19 21:40	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		03/22/19 21:40	460-00-4	
Toluene-d8 (S)	88	%	69-124	1		03/22/19 21:40	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**21.8**	mg/L	2.0	1		03/29/19 12:53	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		03/29/19 12:53	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/21/19 21:48	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/21/19 21:48	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:11	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-68 **Lab ID: 7083004004** Collected: 03/20/19 09:20 Received: 03/21/19 10:35 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	**115000**	ug/L	2500	1	03/22/19 14:20	03/24/19 19:06		
Calcium	**46100**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:06	7440-70-2	
Hardness, Magnesium	**29000**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:06		N3
Magnesium	**7040**	ug/L	1000	1	03/22/19 14:20	03/24/19 19:06	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:06	7440-09-7	
Sodium	**38400**	ug/L	5000	1	03/22/19 14:20	03/24/19 19:06	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**144000**	ug/L	4100	1	03/22/19 14:20	03/24/19 19:06		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 21:59	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 21:59	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 21:59	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 21:59	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 21:59	67-64-1	IH
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 21:59	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Sample: MW-68 **Lab ID: 7083004004** Collected: 03/20/19 09:20 Received: 03/21/19 10:35 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		03/22/19 21:59	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-71-8	IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 21:59	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 21:59	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 21:59	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 21:59	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 21:59	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 21:59	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 21:59	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	130	%	68-153	1		03/22/19 21:59	17060-07-0	
4-Bromofluorobenzene (S)	92	%	79-124	1		03/22/19 21:59	460-00-4	
Toluene-d8 (S)	89	%	69-124	1		03/22/19 21:59	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**61.3**	mg/L	10.0	5		03/29/19 04:31	16887-00-6	
Sulfate	**15.2**	mg/L	5.0	1		03/29/19 04:14	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.36**	mg/L	0.050	1		03/21/19 21:51	14797-55-8	
Nitrate-Nitrite (as N)	**0.36**	mg/L	0.050	1		03/21/19 21:51	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/21/19 20:12	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106563 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

METHOD BLANK: 492791 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<2500	2500	03/24/19 16:22	
Calcium	ug/L	<1000	1000	03/24/19 16:22	
Hardness, Magnesium	ug/L	<4100	4100	03/24/19 16:22	N3
Magnesium	ug/L	<1000	1000	03/24/19 16:22	
Potassium	ug/L	<5000	5000	03/24/19 16:22	
Sodium	ug/L	<5000	5000	03/24/19 16:22	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<4100	4100	03/24/19 16:22	

LABORATORY CONTROL SAMPLE: 492792

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		63200			
Calcium	ug/L	25000	25300	101	85-115	
Hardness, Magnesium	ug/L		103000			N3
Magnesium	ug/L	25000	25000	100	85-115	
Potassium	ug/L	50000	48600	97	85-115	
Sodium	ug/L	50000	51200	102	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		166000			

MATRIX SPIKE SAMPLE: 492794

Parameter	Units	7082875001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	59300		123000			
Calcium	ug/L	23800	25000	49400	102	70-130	
Hardness, Magnesium	ug/L	32400		138000			N3
Magnesium	ug/L	7880	25000	33500	103	70-130	
Potassium	ug/L	<5000	50000	52200	101	70-130	
Sodium	ug/L	52000	50000	104000	105	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	91700		261000			

MATRIX SPIKE SAMPLE: 492796

Parameter	Units	7082875006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	60000		120000			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

MATRIX SPIKE SAMPLE: 492796

Parameter	Units	7082875006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Calcium	ug/L	24000	25000	48000	96	70-130	
Hardness, Magnesium	ug/L	33100		134000			N3
Magnesium	ug/L	8050	25000	32500	98	70-130	
Potassium	ug/L	<5000	50000	50600	97	70-130	
Sodium	ug/L	51300	50000	103000	104	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	93100		254000			

SAMPLE DUPLICATE: 492793

Parameter	Units	7082875001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	59300	59500	0	
Calcium	ug/L	23800	23800	0	
Hardness, Magnesium	ug/L	32400	32700	1	N3
Magnesium	ug/L	7880	7930	1	
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	52000	52100	0	
Tot Hardness asCaCO3 (SM 2340B	ug/L	91700	92200	0	

SAMPLE DUPLICATE: 492795

Parameter	Units	7082875006 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	60000	59200	1	
Calcium	ug/L	24000	23700	1	
Hardness, Magnesium	ug/L	33100	32400	2	N3
Magnesium	ug/L	8050	7870	2	
Potassium	ug/L	<5000	<5000		
Sodium	ug/L	51300	52200	2	
Tot Hardness asCaCO3 (SM 2340B	ug/L	93100	91600	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106582 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

METHOD BLANK: 492889 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
1,1-Dichloropropene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
2,2-Dichloropropane	ug/L	<1.0	1.0	03/22/19 18:29	
2-Butanone (MEK)	ug/L	<5.0	5.0	03/22/19 18:29	
2-Chlorotoluene	ug/L	<1.0	1.0	03/22/19 18:29	
2-Hexanone	ug/L	<5.0	5.0	03/22/19 18:29	
4-Chlorotoluene	ug/L	<1.0	1.0	03/22/19 18:29	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/22/19 18:29	
Acetone	ug/L	<5.0	5.0	03/22/19 18:29	
Benzene	ug/L	<1.0	1.0	03/22/19 18:29	
Bromobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Bromochloromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Bromodichloromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Bromoform	ug/L	<1.0	1.0	03/22/19 18:29	
Bromomethane	ug/L	<1.0	1.0	03/22/19 18:29	
Carbon disulfide	ug/L	<1.0	1.0	03/22/19 18:29	
Carbon tetrachloride	ug/L	<1.0	1.0	03/22/19 18:29	
Chlorobenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Chloroethane	ug/L	<1.0	1.0	03/22/19 18:29	
Chloroform	ug/L	<1.0	1.0	03/22/19 18:29	
Chloromethane	ug/L	<1.0	1.0	03/22/19 18:29	CL
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/22/19 18:29	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

METHOD BLANK: 492889 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Dibromomethane	ug/L	<1.0	1.0	03/22/19 18:29	
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/22/19 18:29	IL
Ethylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/22/19 18:29	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/22/19 18:29	
m&p-Xylene	ug/L	<2.0	2.0	03/22/19 18:29	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	03/22/19 18:29	
Methylene Chloride	ug/L	<1.0	1.0	03/22/19 18:29	
n-Butylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
n-Propylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Naphthalene	ug/L	<1.0	1.0	03/22/19 18:29	
o-Xylene	ug/L	<1.0	1.0	03/22/19 18:29	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/22/19 18:29	
sec-Butylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Styrene	ug/L	<1.0	1.0	03/22/19 18:29	
tert-Butylbenzene	ug/L	<1.0	1.0	03/22/19 18:29	
Tetrachloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
Toluene	ug/L	<1.0	1.0	03/22/19 18:29	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/22/19 18:29	
Trichloroethene	ug/L	<1.0	1.0	03/22/19 18:29	
Trichlorofluoromethane	ug/L	<1.0	1.0	03/22/19 18:29	
Vinyl acetate	ug/L	<1.0	1.0	03/22/19 18:29	
Vinyl chloride	ug/L	<1.0	1.0	03/22/19 18:29	CL
Xylene (Total)	ug/L	<3.0	3.0	03/22/19 18:29	
1,2-Dichloroethane-d4 (S)	%	116	68-153	03/22/19 18:29	
4-Bromofluorobenzene (S)	%	94	79-124	03/22/19 18:29	
Toluene-d8 (S)	%	91	69-124	03/22/19 18:29	

LABORATORY CONTROL SAMPLE: 492890

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	58.1	116	65-118	CH
1,1,2,2-Tetrachloroethane	ug/L	50	37.2	74	74-121	
1,1,2-Trichloroethane	ug/L	50	45.8	92	80-117	
1,1-Dichloroethane	ug/L	50	45.4	91	83-151	
1,1-Dichloroethene	ug/L	50	49.2	98	45-146	
1,1-Dichloropropene	ug/L	50	49.0	98	59-127	
1,2,3-Trichlorobenzene	ug/L	50	43.3	87	67-103	
1,2,3-Trichloropropane	ug/L	50	46.0	92	71-123	
1,2,4-Trichlorobenzene	ug/L	50	43.6	87	66-116	
1,2,4-Trimethylbenzene	ug/L	50	43.3	87	68-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

LABORATORY CONTROL SAMPLE: 492890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	42.3	85	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	50.6	101	83-115	
1,2-Dichlorobenzene	ug/L	50	43.4	87	74-113	
1,2-Dichloroethane	ug/L	50	56.0	112	74-129	CH
1,2-Dichloropropane	ug/L	50	40.0	80	75-117	
1,3,5-Trimethylbenzene	ug/L	50	43.1	86	67-116	
1,3-Dichlorobenzene	ug/L	50	44.4	89	71-112	
1,3-Dichloropropane	ug/L	50	43.0	86	74-112	
1,4-Dichlorobenzene	ug/L	50	43.9	88	71-113	
2,2-Dichloropropane	ug/L	50	59.0	118	63-133	CH
2-Butanone (MEK)	ug/L	50	42.2	84	44-162	
2-Chlorotoluene	ug/L	50	43.1	86	74-101	
2-Hexanone	ug/L	50	46.2	92	32-183	
4-Chlorotoluene	ug/L	50	44.1	88	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	39.7	79	69-132	
Acetone	ug/L	50	70.2	140	23-188	IH
Benzene	ug/L	50	44.5	89	73-119	
Bromobenzene	ug/L	50	43.0	86	72-102	
Bromochloromethane	ug/L	50	50.8	102	81-116	
Bromodichloromethane	ug/L	50	53.3	107	78-117	CH
Bromoform	ug/L	50	49.8	100	65-122	
Bromomethane	ug/L	50	50.0	100	52-147	
Carbon disulfide	ug/L	50	46.4	93	41-144	
Carbon tetrachloride	ug/L	50	60.1	120	59-120	CH
Chlorobenzene	ug/L	50	45.0	90	75-113	
Chloroethane	ug/L	50	36.6	73	49-151	
Chloroform	ug/L	50	53.9	108	72-122	
Chloromethane	ug/L	50	29.3	59	46-144	CL
cis-1,2-Dichloroethene	ug/L	50	47.1	94	72-121	
cis-1,3-Dichloropropene	ug/L	50	47.8	96	78-116	
Dibromochloromethane	ug/L	50	53.0	106	70-120	CH
Dibromomethane	ug/L	50	49.4	99	75-125	
Dichlorodifluoromethane	ug/L	50	45.5	91	22-154	IL
Ethylbenzene	ug/L	50	45.5	91	70-113	
Hexachloro-1,3-butadiene	ug/L	50	45.2	90	59-121	
Isopropylbenzene (Cumene)	ug/L	50	43.5	87	67-115	
m&p-Xylene	ug/L	100	93.9	94	72-115	
Methyl-tert-butyl ether	ug/L	50	47.7	95	72-131	
Methylene Chloride	ug/L	50	44.8	90	61-142	
n-Butylbenzene	ug/L	50	43.3	87	73-107	
n-Propylbenzene	ug/L	50	42.6	85	68-116	
Naphthalene	ug/L	50	38.6	77	70-118	
o-Xylene	ug/L	50	43.8	88	73-117	
p-Isopropyltoluene	ug/L	50	43.5	87	73-101	
sec-Butylbenzene	ug/L	50	41.9	84	72-103	
Styrene	ug/L	50	46.2	92	72-118	
tert-Butylbenzene	ug/L	50	43.2	86	68-100	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

LABORATORY CONTROL SAMPLE: 492890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	47.1	94	60-128	
Toluene	ug/L	50	45.2	90	72-119	
trans-1,2-Dichloroethene	ug/L	50	47.5	95	56-142	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	79-116	
Trichloroethene	ug/L	50	48.6	97	69-117	
Trichlorofluoromethane	ug/L	50	62.0	124	27-173	CH
Vinyl acetate	ug/L	50	39.3	79	20-158	
Vinyl chloride	ug/L	50	32.5	65	43-143	CL
Xylene (Total)	ug/L	150	138	92	71-109	
1,2-Dichloroethane-d4 (S)	%			114	68-153	
4-Bromofluorobenzene (S)	%			103	79-124	
Toluene-d8 (S)	%			92	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492984 492985

Parameter	Units	7082880005 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	47.9	54.0	96	108	74-113	12	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	55.4	64.1	111	128	65-118	15	CH,M1
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	37.1	41.4	74	83	74-121	11	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	46.3	51.7	93	103	80-117	11	
1,1-Dichloroethane	ug/L	<1.0	50	50	44.6	51.8	89	104	83-151	15	
1,1-Dichloroethene	ug/L	<1.0	50	50	42.6	47.6	85	95	45-146	11	
1,1-Dichloropropene	ug/L	<1.0	50	50	45.9	54.0	92	108	59-127	16	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	42.7	50.0	85	100	67-103	16	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	44.8	52.0	90	104	71-123	15	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	42.6	49.1	85	98	66-116	14	
1,2,4-Trimethylbenzene	ug/L	5.0	50	50	41.5	47.8	73	86	68-116	14	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	41.0	45.9	82	92	74-119	11	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	52.1	59.1	104	118	83-115	13	M1
1,2-Dichlorobenzene	ug/L	<1.0	50	50	42.0	47.5	84	95	74-113	12	
1,2-Dichloroethane	ug/L	<1.0	50	50	55.5	64.5	111	129	74-129	15	CH
1,2-Dichloropropane	ug/L	<1.0	50	50	39.5	45.4	79	91	75-117	14	
1,3,5-Trimethylbenzene	ug/L	1.9	50	50	43.6	50.0	83	96	67-116	14	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	41.8	48.4	84	97	71-112	15	
1,3-Dichloropropane	ug/L	<1.0	50	50	42.0	47.3	84	95	74-112	12	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	41.9	48.4	84	97	71-113	14	
2,2-Dichloropropane	ug/L	<1.0	50	50	51.8	59.6	104	119	63-133	14	CH
2-Butanone (MEK)	ug/L	<5.0	50	50	43.7	47.1	78	85	44-162	7	
2-Chlorotoluene	ug/L	<1.0	50	50	40.9	47.1	82	94	74-101	14	
2-Hexanone	ug/L	<5.0	50	50	43.3	46.0	87	92	32-183	6	
4-Chlorotoluene	ug/L	<1.0	50	50	41.5	47.4	83	95	74-101	13	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	43.9	47.2	88	94	69-132	7	
Acetone	ug/L	42.0	50	50	53.2	76.5	22	69	23-188	36	IH,M1,R1
Benzene	ug/L	149	50	50	208	236	118	175	73-119	13	M1

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492984 492985

Parameter	Units	7082880005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Bromobenzene	ug/L	<1.0	50	50	40.5	46.8	81	94	72-102	14	
Bromochloromethane	ug/L	<1.0	50	50	51.0	55.5	102	111	81-116	8	
Bromodichloromethane	ug/L	<1.0	50	50	52.4	59.4	105	119	78-117	12	CH,M1
Bromoform	ug/L	<1.0	50	50	45.7	51.6	91	103	65-122	12	
Bromomethane	ug/L	<1.0	50	50	36.5	53.6	73	107	52-147	38	R1
Carbon disulfide	ug/L	<1.0	50	50	41.3	50.7	83	101	41-144	20	
Carbon tetrachloride	ug/L	<1.0	50	50	54.7	64.4	109	129	59-120	16	CH,M1
Chlorobenzene	ug/L	<1.0	50	50	42.1	48.3	84	97	75-113	14	
Chloroethane	ug/L	<1.0	50	50	35.3	42.2	71	84	49-151	18	
Chloroform	ug/L	<1.0	50	50	54.8	62.0	110	124	72-122	12	M1
Chloromethane	ug/L	<1.0	50	50	25.0	30.6	50	61	46-144	20	CL
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	46.5	53.6	93	107	72-121	14	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	45.3	52.5	91	105	78-116	15	
Dibromochloromethane	ug/L	<1.0	50	50	49.6	57.0	99	114	70-120	14	CH
Dibromomethane	ug/L	<1.0	50	50	49.2	56.6	98	113	75-125	14	
Dichlorodifluoromethane	ug/L	<1.0	50	50	40.2	47.3	80	95	22-154	16	IL
Ethylbenzene	ug/L	4.2	50	50	47.5	55.3	87	102	70-113	15	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	37.4	44.5	75	89	59-121	17	
Isopropylbenzene (Cumene)	ug/L	7.6	50	50	49.5	58.0	84	101	67-115	16	
m&p-Xylene	ug/L	11.2	100	100	101	115	89	104	72-115	13	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	50.1	56.8	100	114	72-131	13	
Methylene Chloride	ug/L	<1.0	50	50	54.8	60.6	110	121	61-142	10	
n-Butylbenzene	ug/L	6.0	50	50	41.9	47.6	72	83	73-107	13	M1
n-Propylbenzene	ug/L	15.0	50	50	57.3	65.8	84	102	68-116	14	
Naphthalene	ug/L	2.0	50	50	43.1	48.8	82	94	70-118	12	
o-Xylene	ug/L	<1.0	50	50	42.7	49.0	85	98	73-117	14	
p-Isopropyltoluene	ug/L	<1.0	50	50	41.2	46.8	82	94	73-101	13	
sec-Butylbenzene	ug/L	<1.0	50	50	40.5	47.1	81	94	72-103	15	
Styrene	ug/L	<1.0	50	50	43.5	50.3	87	101	72-118	14	
tert-Butylbenzene	ug/L	<1.0	50	50	41.1	47.5	82	95	68-100	14	
Tetrachloroethene	ug/L	<1.0	50	50	42.4	48.4	85	97	60-128	13	
Toluene	ug/L	2.8	50	50	46.9	54.6	88	104	72-119	15	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	45.3	53.5	91	107	56-142	17	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	50.3	57.5	101	115	79-116	13	
Trichloroethene	ug/L	<1.0	50	50	46.0	53.7	92	107	69-117	15	
Trichlorofluoromethane	ug/L	<1.0	50	50	56.8	65.2	114	130	27-173	14	CH
Vinyl acetate	ug/L	<1.0	50	50	37.1	41.7	74	83	20-158	12	
Vinyl chloride	ug/L	<1.0	50	50	29.9	35.0	60	70	43-143	16	CL
Xylene (Total)	ug/L	11.2	150	150	143	164	88	102	71-109	14	
1,2-Dichloroethane-d4 (S)	%						119	114	68-153		
4-Bromofluorobenzene (S)	%						105	99	79-124		
Toluene-d8 (S)	%						91	89	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 107252 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

METHOD BLANK: 496206 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	03/28/19 19:53	
Sulfate	mg/L	<5.0	5.0	03/28/19 19:53	

LABORATORY CONTROL SAMPLE: 496207

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.3	103	90-110	
Sulfate	mg/L	10	10.5	105	90-110	

MATRIX SPIKE SAMPLE: 496210

Parameter	Units	7083551002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	11.4	10	21.6	102	80-120	
Sulfate	mg/L	<5.0	10	10.5	99	80-120	

SAMPLE DUPLICATE: 496211

Parameter	Units	7083551002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	11.4	11.5	1	
Sulfate	mg/L	<5.0	<5.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106403
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7083004001

METHOD BLANK: 492185
Matrix: Water
Associated Lab Samples: 7083004001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	03/21/19 19:31	

LABORATORY CONTROL SAMPLE: 492186

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 492187

Parameter	Units	7082991001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.56	112	90-110	M1

MATRIX SPIKE SAMPLE: 492189

Parameter	Units	7083118001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.37	74	90-110	M1

SAMPLE DUPLICATE: 492188

Parameter	Units	7082991001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 492190

Parameter	Units	7083118001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106404 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7083004002, 7083004003, 7083004004

METHOD BLANK: 492191 Matrix: Water
Associated Lab Samples: 7083004002, 7083004003, 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	03/21/19 20:07	

LABORATORY CONTROL SAMPLE: 492192

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.0	103	90-110	

MATRIX SPIKE SAMPLE: 492193

Parameter	Units	7083110001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.55	110	90-110	

MATRIX SPIKE SAMPLE: 492195

Parameter	Units	7083110004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.55	110	90-110	

SAMPLE DUPLICATE: 492194

Parameter	Units	7083110001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 492196

Parameter	Units	7083110004 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106407 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7083004001, 7083004002, 7083004003

METHOD BLANK: 492269 Matrix: Water
Associated Lab Samples: 7083004001, 7083004002, 7083004003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	03/21/19 21:13	

LABORATORY CONTROL SAMPLE: 492270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	100	90-110	

MATRIX SPIKE SAMPLE: 492271

Parameter	Units	7082993001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.7	5	7.0	105	90-110	H1

MATRIX SPIKE SAMPLE: 492273

Parameter	Units	7082988001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.9	5	7.4	110	90-110	

SAMPLE DUPLICATE: 492272

Parameter	Units	7082993001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.7	1.6	6	H1

SAMPLE DUPLICATE: 492274

Parameter	Units	7082988001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1.9	1.9	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

QC Batch: 106408
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7083004004

METHOD BLANK: 492275 Matrix: Water
Associated Lab Samples: 7083004004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	03/21/19 21:49	

LABORATORY CONTROL SAMPLE: 492276

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	101	90-110	

MATRIX SPIKE SAMPLE: 492277

Parameter	Units	7083114001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.1	5	9.8	95	90-110	

MATRIX SPIKE SAMPLE: 492279

Parameter	Units	7083113001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	3.8	5	9.2	109	90-110	

SAMPLE DUPLICATE: 492278

Parameter	Units	7083114001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.1	4.8	6	

SAMPLE DUPLICATE: 492280

Parameter	Units	7083113001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	3.8	4.1	9	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

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: 7083004001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7083004002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7083004003
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7083004004
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492984
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492985
[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.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

ANALYTE QUALIFIERS

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.
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.
R1	RPD value was outside control limits.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q1) 3/20
Pace Project No.: 7083004

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7083004001	**MW-19**	EPA 200.7	106563	EPA 200.7	106565
7083004002	**MW-64S**	EPA 200.7	106563	EPA 200.7	106565
7083004003	**MW-64D**	EPA 200.7	106563	EPA 200.7	106565
7083004004	**MW-68**	EPA 200.7	106563	EPA 200.7	106565
7083004001	**MW-19**	EPA 8260C/5030C	106582		
7083004002	**MW-64S**	EPA 8260C/5030C	106582		
7083004003	**MW-64D**	EPA 8260C/5030C	106582		
7083004004	**MW-68**	EPA 8260C/5030C	106582		
7083004001	**MW-19**	EPA 300.0	107252		
7083004002	**MW-64S**	EPA 300.0	107252		
7083004003	**MW-64D**	EPA 300.0	107252		
7083004004	**MW-68**	EPA 300.0	107252		
7083004001	**MW-19**	EPA 353.2	106407		
7083004002	**MW-64S**	EPA 353.2	106407		
7083004003	**MW-64D**	EPA 353.2	106407		
7083004004	**MW-68**	EPA 353.2	106408		
7083004001	**MW-19**	EPA 353.2	106403		
7083004002	**MW-64S**	EPA 353.2	106404		
7083004003	**MW-64D**	EPA 353.2	106404		
7083004004	**MW-68**	EPA 353.2	106404		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

LAB USE ONLY- Affix Workorder/Lo

ALL SHADED A

WO# : 7083004

7083004

Company: BARTON & LOGUIDICE

Billing Information:

Address: 10 AIRLINE DR. SUITE 200
ALBANY, NY 12205

Report To: ANDY BARBER

Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Copy To: CORINNE STEINMULLER

Site Collection Info/Address:
SCHENECTADY, NY 12308

Customer Project Name/Number:
ALCO QUARTERLY GW (Q1)

State NY County/City SCHENECTADY Time Zone Collected EST

Phone: (518)218-1801
Email:
CSTEINMULLER@BARTONANDLOGUIDICE.COM

Site/Facility ID #

Compliance Monitoring?
[ ] Yes [ ] No

C. STEINMULLER

Purchase Order #

DW PWS ID #:

Quote #

DW Location Code #:

Collected by (signature):

Turnaround Date Required:
2 WEEK

Immediately Packed on Ice?
[ ] Yes [ ] No

Sample Disposal:
[X] Dispose as appropriate [ ] Return
[ ] Archive
[ ] Hold

RUSH:
Same Day Next Day 2 Day 3 Day 4 Day 5 Day
(Expedite Charges Apply)

Field Filtered (if applicable):
[ ] Yes [ ] No

Analysis:

Container Preservative Type **

3	U	1						

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Project Manager:
JOHN.STANTON@PACELABS.COM

LAB Profile/Line:

LAB Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples received on ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in holding time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: 1185574662			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

* 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)

Customer Sample ID	Matrix*	Comp/ Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	SULFATE	CHLORIDE	NITRATE	TOTAL HARDNESS	MS/MSD					↓ LAB USE ONLY: ↓
MW-19	WW	G	3/20/19	7:30	***	***		5	X	X	X	X	X						001
~~MW-46~~	WW	G			***	***		5	X	X	X	X	X						
~~MW-62~~	WW	G			***	***		5	X	X	X	X	X						
MW-64S	WW	G	3/20/19	8:00	***	***		5	X	X	X	X	X						002
MW-64D	WW	G	3/20/19	8:15	***	***		5	X	X	X	X	X						003
~~MW-65 (MS/MSD)~~	WW	G			***	***		11	X	X	X	X	X	X					
~~MW-67~~	WW	G			***	***		5	X	X	X	X	X						
MW-68	WW	G	3/20/19	9:20	***	***		5	X	X	X	X	X						004
~~MW-70S~~	WW	G			***	***		5	X	X	X	X	X						
~~MW-70D~~	WW	G			***	***		5	X	X	X	X	X						
DUP X	WW	G			***	***		5	X	X	X	X	X						
TRIP BLANK	TB	G			***	***		2	X	X	X	X	X						

Customer Remarks/ Special Conditions/ Possible Hazards:

Type of Ice Used:
Wet [X] Blue [ ] Dry [ ] None [ ]

SHORT HOLDS PRESENT (< 72 hours): Y (N) N/A

Packing Material Used: 4plcl

LAB Tracking #: 4757 4090 6060

Samples received via:
FEDEX [ ] UPS [ ] Client [ ] Courier [ ] Pace Courier [ ]

MTJL LAB USE ONLY

Table #:
ACCT #:
Template:
Prelogin:
PM:
PB:

LAB Sample Temperature Info:
Temp Blank received: Y (N) NA
Therm ID #: TH091
Cooler 1 Temp Upon Receipt 2.4 oC
Cooler 1 Therm Corr. Factor 0.0 oC
Cooler 1 Corrected Temp 2.4 oC
Comments:
Trip Blank Received: Y N (N/A)
HCL MeOH TSP Other

NonConformance(s)
YES / NO

Page 1 of 1

Relinquished by/Company : (Signature)	Date/Time:	Received by/Company : (Signature)	Date/Time:
B&L	3/20/19 9:38	PACE	3/20/19 9:38
PACE	3/20/19 1600	via Fedex →	
		PACE LI	3/20/19 10:55

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

April 01, 2019

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

RE: Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on March 16, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-46 **Lab ID: 7082579001** Collected: 03/15/19 10:20 Received: 03/16/19 10:00 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	**624000**	ug/L	2500	1	03/19/19 08:47	03/19/19 21:20		
Calcium	**250000**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:20	7440-70-2	
Hardness, Magnesium	**134000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:20		N3
Magnesium	**32600**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:20	7439-95-4	
Potassium	**11800**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:20	7440-09-7	
Sodium	**1340000**	ug/L	50000	10	03/19/19 08:47	03/20/19 14:35	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**759000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:20		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-34-3	
1,1-Dichloroethene	**8.7**	ug/L	1.0	1		03/21/19 21:59	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 21:59	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 21:59	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 21:59	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 21:59	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 21:59	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 21:59	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-46 **Lab ID: 7082579001** Collected: 03/15/19 10:20 Received: 03/16/19 10:00 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		03/21/19 21:59	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 21:59	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 21:59	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	100-42-5	
Tetrachloroethene	**7.5**	ug/L	1.0	1		03/21/19 21:59	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-88-3	
Trichloroethene	**95.9**	ug/L	1.0	1		03/21/19 21:59	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:59	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 21:59	108-05-4	
Vinyl chloride	**192**	ug/L	50.0	50		03/21/19 22:19	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 21:59	1330-20-7	
cis-1,2-Dichloroethene	**3100**	ug/L	50.0	50		03/21/19 22:19	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 21:59	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	98-06-6	
trans-1,2-Dichloroethene	**39.4**	ug/L	1.0	1		03/21/19 21:59	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:59	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	114	%	68-153	1		03/21/19 21:59	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		03/21/19 21:59	460-00-4	
Toluene-d8 (S)	98	%	69-124	1		03/21/19 21:59	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**2660**	mg/L	200	100		03/27/19 19:03	16887-00-6	
Sulfate	**22.8**	mg/L	5.0	1		03/27/19 18:47	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:07	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:07	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:22	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-62 **Lab ID: 7082579002** Collected: 03/15/19 09:36 Received: 03/16/19 10:00 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	**584000**	ug/L	2500	1	03/19/19 08:47	03/19/19 21:26		
Calcium	**234000**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:26	7440-70-2	
Hardness, Magnesium	**134000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:26		N3
Magnesium	**32600**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:26	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:26	7440-09-7	
Sodium	**304000**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:26	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**718000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:26		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 23:55	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 23:55	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 23:55	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 23:55	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 23:55	67-64-1	L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 23:55	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-62 **Lab ID: 7082579002** Collected: 03/15/19 09:36 Received: 03/16/19 10:00 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		03/21/19 23:55	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 23:55	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 23:55	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:55	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 23:55	108-05-4	
Vinyl chloride	**34.5**	ug/L	1.0	1		03/21/19 23:55	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 23:55	1330-20-7	
cis-1,2-Dichloroethene	**311**	ug/L	5.0	5		03/22/19 00:14	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 23:55	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	98-06-6	
trans-1,2-Dichloroethene	**17.6**	ug/L	1.0	1		03/21/19 23:55	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:55	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%	68-153	1		03/21/19 23:55	17060-07-0	
4-Bromofluorobenzene (S)	100	%	79-124	1		03/21/19 23:55	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		03/21/19 23:55	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**599**	mg/L	100	50		03/28/19 17:56	16887-00-6	
Sulfate	**130**	mg/L	50.0	10		03/27/19 19:37	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:09	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:09	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:23	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-65 **Lab ID: 7082579003** Collected: 03/15/19 09:20 Received: 03/16/19 10:00 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	**150000**	ug/L	2500	1	03/19/19 08:47	03/19/19 21:31		
Calcium	**60100**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:31	7440-70-2	
Hardness, Magnesium	**50600**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:31		N3
Magnesium	**12300**	ug/L	1000	1	03/19/19 08:47	03/19/19 21:31	7439-95-4	
Potassium	**8740**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:31	7440-09-7	
Sodium	**626000**	ug/L	5000	1	03/19/19 08:47	03/19/19 21:31	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**201000**	ug/L	4100	1	03/19/19 08:47	03/19/19 21:31		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 21:02	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 21:02	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 21:02	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 21:02	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 21:02	67-64-1	L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-83-9	CL,M1
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 21:02	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-65 **Lab ID: 7082579003** Collected: 03/15/19 09:20 Received: 03/16/19 10:00 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		03/21/19 21:02	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	87-68-3	CL,M1
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 21:02	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 21:02	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 21:02	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/21/19 21:02	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 21:02	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 21:02	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 21:02	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	106	%	68-153	1		03/21/19 21:02	17060-07-0	
4-Bromofluorobenzene (S)	93	%	79-124	1		03/21/19 21:02	460-00-4	
Toluene-d8 (S)	94	%	69-124	1		03/21/19 21:02	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1120**	mg/L	200	100		03/27/19 21:17	16887-00-6	
Sulfate	**38.2**	mg/L	5.0	1		03/28/19 18:12	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:10	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:10	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:24	14797-65-0	M1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-67 **Lab ID: 7082579004** Collected: 03/15/19 09:58 Received: 03/16/19 10:00 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	**517000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:11		
Calcium	**207000**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:11	7440-70-2	
Hardness, Magnesium	**197000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:11		N3
Magnesium	**47900**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:11	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:11	7440-09-7	
Sodium	**205000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:11	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**714000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:11		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-34-3	
1,1-Dichloroethene	**4.3**	ug/L	1.0	1		03/21/19 22:38	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 22:38	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 22:38	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 22:38	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 22:38	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 22:38	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 22:38	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-67 **Lab ID: 7082579004** Collected: 03/15/19 09:58 Received: 03/16/19 10:00 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		03/21/19 22:38	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 22:38	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 22:38	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 22:38	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 22:38	108-05-4	
Vinyl chloride	**476**	ug/L	50.0	50		03/22/19 19:25	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 22:38	1330-20-7	
cis-1,2-Dichloroethene	**4370**	ug/L	50.0	50		03/22/19 19:25	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 22:38	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	98-06-6	
trans-1,2-Dichloroethene	**148**	ug/L	1.0	1		03/21/19 22:38	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 22:38	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	112	%	68-153	1		03/21/19 22:38	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		03/21/19 22:38	460-00-4	
Toluene-d8 (S)	91	%	69-124	1		03/21/19 22:38	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**465**	mg/L	200	100		03/27/19 22:24	16887-00-6	
Sulfate	**68.3**	mg/L	25.0	5		03/27/19 22:07	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:13	14797-55-8	
Nitrate-Nitrite (as N)	**0.058**	mg/L	0.050	1		03/17/19 00:13	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:28	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70S **Lab ID: 7082579005** Collected: 03/15/19 10:30 Received: 03/16/19 10:00 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	**532000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:16		
Calcium	**213000**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:16	7440-70-2	
Hardness, Magnesium	**194000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:16		N3
Magnesium	**47100**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:16	7439-95-4	
Potassium	**6320**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:16	7440-09-7	
Sodium	**354000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:16	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**726000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:16		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 00:33	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 00:33	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 00:33	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 00:33	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/22/19 00:33	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 00:33	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70S **Lab ID: 7082579005** Collected: 03/15/19 10:30 Received: 03/16/19 10:00 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		03/22/19 00:33	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 00:33	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 00:33	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 00:33	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:33	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 00:33	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 00:33	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:33	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		03/22/19 00:33	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		03/22/19 00:33	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		03/22/19 00:33	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**742**	mg/L	100	50		03/27/19 22:58	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		03/27/19 22:41	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:14	14797-55-8	
Nitrate-Nitrite (as N)	**0.056**	mg/L	0.050	1		03/17/19 00:14	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:29	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70D **Lab ID: 7082579006** Collected: 03/15/19 10:43 Received: 03/16/19 10:00 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	**191000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:22		
Calcium	**76600**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:22	7440-70-2	
Hardness, Magnesium	**56600**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:22		N3
Magnesium	**13700**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:22	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:22	7440-09-7	
Sodium	**175000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:22	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**248000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:22		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	120-82-1	CL
1,2,4-Trimethylbenzene	**7.4**	ug/L	1.0	1		03/22/19 00:52	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/22/19 00:52	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/22/19 00:52	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/22/19 00:52	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/22/19 00:52	108-10-1	
Acetone	**17.1**	ug/L	5.0	1		03/22/19 00:52	67-64-1	CH,IH,L1
Benzene	**9.3**	ug/L	1.0	1		03/22/19 00:52	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/22/19 00:52	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: MW-70D **Lab ID: 7082579006** Collected: 03/15/19 10:43 Received: 03/16/19 10:00 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		03/22/19 00:52	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/22/19 00:52	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/22/19 00:52	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/22/19 00:52	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/22/19 00:52	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/22/19 00:52	1330-20-7	
cis-1,2-Dichloroethene	**1.8**	ug/L	1.0	1		03/22/19 00:52	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/22/19 00:52	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/22/19 00:52	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	109	%	68-153	1		03/22/19 00:52	17060-07-0	
4-Bromofluorobenzene (S)	101	%	79-124	1		03/22/19 00:52	460-00-4	
Toluene-d8 (S)	89	%	69-124	1		03/22/19 00:52	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**366**	mg/L	20.0	10		03/28/19 00:04	16887-00-6	
Sulfate	**24.4**	mg/L	5.0	1		03/27/19 23:48	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.34**	mg/L	0.050	1		03/17/19 00:16	14797-55-8	
Nitrate-Nitrite (as N)	**0.41**	mg/L	0.050	1		03/17/19 00:16	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**0.067**	mg/L	0.050	1		03/16/19 23:30	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: DUP X **Lab ID: 7082579007** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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	**622000**	ug/L	2500	1	03/19/19 08:47	03/19/19 22:27		
Calcium	**249000**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:27	7440-70-2	
Hardness, Magnesium	**133000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:27		N3
Magnesium	**32400**	ug/L	1000	1	03/19/19 08:47	03/19/19 22:27	7439-95-4	
Potassium	**12000**	ug/L	5000	1	03/19/19 08:47	03/19/19 22:27	7440-09-7	
Sodium	**1270000**	ug/L	50000	10	03/19/19 08:47	03/20/19 14:42	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**755000**	ug/L	4100	1	03/19/19 08:47	03/19/19 22:27		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-34-3	
1,1-Dichloroethene	**7.6**	ug/L	1.0	1		03/21/19 23:16	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 23:16	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 23:16	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 23:16	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 23:16	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 23:16	67-64-1	L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 23:16	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-00-3	CL

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: DUP X **Lab ID: 7082579007** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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		03/21/19 23:16	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 23:16	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 23:16	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	100-42-5	
Tetrachloroethene	**7.2**	ug/L	1.0	1		03/21/19 23:16	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-88-3	
Trichloroethene	**89.7**	ug/L	1.0	1		03/21/19 23:16	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 23:16	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 23:16	108-05-4	
Vinyl chloride	**175**	ug/L	1.0	1		03/21/19 23:16	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 23:16	1330-20-7	
cis-1,2-Dichloroethene	**3090**	ug/L	50.0	50		03/22/19 19:45	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 23:16	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	98-06-6	
trans-1,2-Dichloroethene	**34.3**	ug/L	1.0	1		03/21/19 23:16	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 23:16	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	108	%	68-153	1		03/21/19 23:16	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		03/21/19 23:16	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		03/21/19 23:16	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**2860**	mg/L	200	100		03/28/19 19:19	16887-00-6	
Sulfate	**221**	mg/L	50.0	10		03/28/19 00:38	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		03/17/19 00:17	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		03/17/19 00:17	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		03/16/19 23:31	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: TRIP BLANK **Lab ID: 7082579008** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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		03/21/19 20:24	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	71-55-6	L1
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		03/21/19 20:24	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	107-06-2	L1
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	594-20-7	L1
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		03/21/19 20:24	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		03/21/19 20:24	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		03/21/19 20:24	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		03/21/19 20:24	67-64-1	CH,IH,L1
Benzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-97-5	L1
Bromodichloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-27-4	L1
Bromoform	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-83-9	CL
Carbon disulfide	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		03/21/19 20:24	56-23-5	L1
Chlorobenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-00-3	CL
Chloroform	**<1.0**	ug/L	1.0	1		03/21/19 20:24	67-66-3	L1
Chloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-87-3	CL
Dibromochloromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-71-8	CL,IL
Ethylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		03/21/19 20:24	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		03/21/19 20:24	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-09-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Sample: TRIP BLANK **Lab ID: 7082579008** Collected: 03/15/19 00:00 Received: 03/16/19 10:00 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		03/21/19 20:24	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		03/21/19 20:24	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		03/21/19 20:24	75-01-4	CL
Xylene (Total)	**<3.0**	ug/L	3.0	1		03/21/19 20:24	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		03/21/19 20:24	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		03/21/19 20:24	10061-02-6	L1
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	68-153	1		03/21/19 20:24	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		03/21/19 20:24	460-00-4	
Toluene-d8 (S)	96	%	69-124	1		03/21/19 20:24	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 105964 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 489825 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<2500	2500	03/19/19 20:52	
Calcium	ug/L	<1000	1000	03/19/19 20:52	
Hardness, Magnesium	ug/L	<4100	4100	03/19/19 20:52	N3
Magnesium	ug/L	<1000	1000	03/19/19 20:52	
Potassium	ug/L	<5000	5000	03/19/19 20:52	
Sodium	ug/L	<5000	5000	03/19/19 20:52	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<4100	4100	03/19/19 20:52	

LABORATORY CONTROL SAMPLE: 489826

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		65200			
Calcium	ug/L	25000	26100	105	85-115	
Hardness, Magnesium	ug/L		106000			N3
Magnesium	ug/L	25000	25800	103	85-115	
Potassium	ug/L	50000	49400	99	85-115	
Sodium	ug/L	50000	50300	101	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		172000			

MATRIX SPIKE SAMPLE: 489828

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	150000		218000			
Calcium	ug/L	60100	25000	87200	108	70-130	
Hardness, Magnesium	ug/L	50600		167000			N3
Magnesium	ug/L	12300	25000	40500	113	70-130	
Potassium	ug/L	8740	50000	67000	117	70-130	
Sodium	ug/L	626000	50000	679000	107	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	201000		384000			

SAMPLE DUPLICATE: 489827

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	150000	153000	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

SAMPLE DUPLICATE: 489827

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Calcium	ug/L	60100	61300	2	
Hardness, Magnesium	ug/L	50600	52000	3	N3
Magnesium	ug/L	12300	12600	3	
Potassium	ug/L	8740	8920	2	
Sodium	ug/L	626000	642000	3	
Tot Hardness asCaCO3 (SM 2340B	ug/L	201000	205000	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 106384 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007, 7082579008

METHOD BLANK: 492016 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007, 7082579008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1-Dichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,1-Dichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
1,1-Dichloropropene	ug/L	<1.0	1.0	03/21/19 19:06	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	CL
1,2,3-Trichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dichloroethane	ug/L	<1.0	1.0	03/21/19 19:06	
1,2-Dichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
1,3-Dichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
2,2-Dichloropropane	ug/L	<1.0	1.0	03/21/19 19:06	
2-Butanone (MEK)	ug/L	<5.0	5.0	03/21/19 19:06	
2-Chlorotoluene	ug/L	<1.0	1.0	03/21/19 19:06	
2-Hexanone	ug/L	<5.0	5.0	03/21/19 19:06	
4-Chlorotoluene	ug/L	<1.0	1.0	03/21/19 19:06	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	03/21/19 19:06	
Acetone	ug/L	<5.0	5.0	03/21/19 19:06	
Benzene	ug/L	<1.0	1.0	03/21/19 19:06	
Bromobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Bromochloromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Bromodichloromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Bromoform	ug/L	<1.0	1.0	03/21/19 19:06	
Bromomethane	ug/L	<1.0	1.0	03/21/19 19:06	CL
Carbon disulfide	ug/L	<1.0	1.0	03/21/19 19:06	
Carbon tetrachloride	ug/L	<1.0	1.0	03/21/19 19:06	
Chlorobenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Chloroethane	ug/L	<1.0	1.0	03/21/19 19:06	CL
Chloroform	ug/L	<1.0	1.0	03/21/19 19:06	
Chloromethane	ug/L	<1.0	1.0	03/21/19 19:06	CL
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	03/21/19 19:06	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

METHOD BLANK: 492016 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007, 7082579008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Dibromomethane	ug/L	<1.0	1.0	03/21/19 19:06	
Dichlorodifluoromethane	ug/L	<1.0	1.0	03/21/19 19:06	CL,IL
Ethylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	03/21/19 19:06	CL
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	03/21/19 19:06	
m&p-Xylene	ug/L	<2.0	2.0	03/21/19 19:06	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	03/21/19 19:06	
Methylene Chloride	ug/L	<1.0	1.0	03/21/19 19:06	
n-Butylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
n-Propylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Naphthalene	ug/L	<1.0	1.0	03/21/19 19:06	
o-Xylene	ug/L	<1.0	1.0	03/21/19 19:06	
p-Isopropyltoluene	ug/L	<1.0	1.0	03/21/19 19:06	
sec-Butylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Styrene	ug/L	<1.0	1.0	03/21/19 19:06	
tert-Butylbenzene	ug/L	<1.0	1.0	03/21/19 19:06	
Tetrachloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
Toluene	ug/L	<1.0	1.0	03/21/19 19:06	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	03/21/19 19:06	
Trichloroethene	ug/L	<1.0	1.0	03/21/19 19:06	
Trichlorofluoromethane	ug/L	<1.0	1.0	03/21/19 19:06	
Vinyl acetate	ug/L	<1.0	1.0	03/21/19 19:06	
Vinyl chloride	ug/L	<1.0	1.0	03/21/19 19:06	CL
Xylene (Total)	ug/L	<3.0	3.0	03/21/19 19:06	
1,2-Dichloroethane-d4 (S)	%	99	68-153	03/21/19 19:06	
4-Bromofluorobenzene (S)	%	97	79-124	03/21/19 19:06	
Toluene-d8 (S)	%	95	69-124	03/21/19 19:06	

LABORATORY CONTROL SAMPLE: 492017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.5	103	74-113	
1,1,1-Trichloroethane	ug/L	50	61.2	122	65-118	L1
1,1,2,2-Tetrachloroethane	ug/L	50	47.0	94	74-121	
1,1,2-Trichloroethane	ug/L	50	53.6	107	80-117	
1,1-Dichloroethane	ug/L	50	58.3	117	83-151	
1,1-Dichloroethene	ug/L	50	70.7	141	45-146	
1,1-Dichloropropene	ug/L	50	56.2	112	59-127	
1,2,3-Trichlorobenzene	ug/L	50	42.5	85	67-103	CL
1,2,3-Trichloropropane	ug/L	50	52.2	104	71-123	
1,2,4-Trichlorobenzene	ug/L	50	43.1	86	66-116	CL
1,2,4-Trimethylbenzene	ug/L	50	52.3	105	68-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

LABORATORY CONTROL SAMPLE: 492017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	47.8	96	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	57.7	115	83-115	
1,2-Dichlorobenzene	ug/L	50	49.2	98	74-113	
1,2-Dichloroethane	ug/L	50	67.6	135	74-129	CH,L1
1,2-Dichloropropane	ug/L	50	48.2	96	75-117	
1,3,5-Trimethylbenzene	ug/L	50	48.7	97	67-116	
1,3-Dichlorobenzene	ug/L	50	51.4	103	71-112	
1,3-Dichloropropane	ug/L	50	45.7	91	74-112	
1,4-Dichlorobenzene	ug/L	50	50.6	101	71-113	
2,2-Dichloropropane	ug/L	50	71.7	143	63-133	L1
2-Butanone (MEK)	ug/L	50	56.9	114	44-162	
2-Chlorotoluene	ug/L	50	50.3	101	74-101	
2-Hexanone	ug/L	50	53.3	107	32-183	
4-Chlorotoluene	ug/L	50	48.8	98	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	50.5	101	69-132	
Acetone	ug/L	50	100	201	23-188	CH,IH,L1
Benzene	ug/L	50	53.3	107	73-119	
Bromobenzene	ug/L	50	48.4	97	72-102	
Bromochloromethane	ug/L	50	59.6	119	81-116	L1
Bromodichloromethane	ug/L	50	60.1	120	78-117	L1
Bromoform	ug/L	50	46.2	92	65-122	
Bromomethane	ug/L	50	36.2	72	52-147	CL
Carbon disulfide	ug/L	50	52.9	106	41-144	
Carbon tetrachloride	ug/L	50	60.4	121	59-120	L1
Chlorobenzene	ug/L	50	51.4	103	75-113	
Chloroethane	ug/L	50	51.2	102	49-151	CL
Chloroform	ug/L	50	65.1	130	72-122	L1
Chloromethane	ug/L	50	30.7	61	46-144	CL
cis-1,2-Dichloroethene	ug/L	50	60.6	121	72-121	
cis-1,3-Dichloropropene	ug/L	50	57.7	115	78-116	
Dibromochloromethane	ug/L	50	50.7	101	70-120	
Dibromomethane	ug/L	50	56.3	113	75-125	
Dichlorodifluoromethane	ug/L	50	39.8	80	22-154	CL,IL
Ethylbenzene	ug/L	50	51.6	103	70-113	
Hexachloro-1,3-butadiene	ug/L	50	37.0	74	59-121	CL
Isopropylbenzene (Cumene)	ug/L	50	50.8	102	67-115	
m&p-Xylene	ug/L	100	109	109	72-115	
Methyl-tert-butyl ether	ug/L	50	59.8	120	72-131	
Methylene Chloride	ug/L	50	53.4	107	61-142	
n-Butylbenzene	ug/L	50	52.4	105	73-107	
n-Propylbenzene	ug/L	50	52.0	104	68-116	
Naphthalene	ug/L	50	44.3	89	70-118	
o-Xylene	ug/L	50	51.4	103	73-117	
p-Isopropyltoluene	ug/L	50	50.9	102	73-101	L1
sec-Butylbenzene	ug/L	50	51.3	103	72-103	
Styrene	ug/L	50	53.5	107	72-118	
tert-Butylbenzene	ug/L	50	50.2	100	68-100	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

LABORATORY CONTROL SAMPLE: 492017

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	44.6	89	60-128	
Toluene	ug/L	50	56.3	113	72-119	
trans-1,2-Dichloroethene	ug/L	50	59.6	119	56-142	
trans-1,3-Dichloropropene	ug/L	50	60.1	120	79-116	L1
Trichloroethene	ug/L	50	55.7	111	69-117	
Trichlorofluoromethane	ug/L	50	73.2	146	27-173	
Vinyl acetate	ug/L	50	55.4	111	20-158	
Vinyl chloride	ug/L	50	39.3	79	43-143	CL
Xylene (Total)	ug/L	150	160	107	71-109	
1,2-Dichloroethane-d4 (S)	%			110	68-153	
4-Bromofluorobenzene (S)	%			99	79-124	
Toluene-d8 (S)	%			89	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492264 492265

Parameter	Units	7082579003 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	48.5	45.6	97	91	74-113	6	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	53.3	52.7	107	105	65-118	1	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	43.9	42.5	88	85	74-121	3	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	48.1	53.0	96	106	80-117	10	
1,1-Dichloroethane	ug/L	<1.0	50	50	52.9	50.2	106	100	83-151	5	
1,1-Dichloroethene	ug/L	<1.0	50	50	53.0	57.0	106	114	45-146	7	
1,1-Dichloropropene	ug/L	<1.0	50	50	49.7	46.4	99	93	59-127	7	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	34.9	34.1	70	68	67-103	3	CL
1,2,3-Trichloropropane	ug/L	<1.0	50	50	49.4	45.6	99	91	71-123	8	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	35.5	34.5	71	69	66-116	3	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	47.7	44.6	95	89	68-116	7	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	41.3	41.0	83	82	74-119	1	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	53.6	55.9	107	112	83-115	4	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	45.5	42.9	91	86	74-113	6	
1,2-Dichloroethane	ug/L	<1.0	50	50	59.9	60.2	120	120	74-129	1	CH
1,2-Dichloropropane	ug/L	<1.0	50	50	43.9	42.1	88	84	75-117	4	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	47.4	44.3	95	89	67-116	7	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	47.0	43.5	94	87	71-112	8	
1,3-Dichloropropane	ug/L	<1.0	50	50	45.3	43.0	91	86	74-112	5	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	46.6	43.6	93	87	71-113	7	
2,2-Dichloropropane	ug/L	<1.0	50	50	61.7	60.2	123	120	63-133	2	
2-Butanone (MEK)	ug/L	<5.0	50	50	43.8	43.7	88	87	44-162	0	
2-Chlorotoluene	ug/L	<1.0	50	50	47.6	44.3	95	89	74-101	7	
2-Hexanone	ug/L	<5.0	50	50	42.3	40.9	85	82	32-183	3	
4-Chlorotoluene	ug/L	<1.0	50	50	48.0	44.7	96	89	74-101	7	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	44.1	47.8	88	96	69-132	8	
Acetone	ug/L	<5.0	50	50	47.9	51.1	96	102	23-188	6	CH,IH
Benzene	ug/L	<1.0	50	50	47.6	44.7	95	89	73-119	6	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 492264 492265

Parameter	Units	7082579003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Bromobenzene	ug/L	<1.0	50	50	45.3	42.5	91	85	72-102	6	
Bromochloromethane	ug/L	<1.0	50	50	56.0	51.6	112	103	81-116	8	
Bromodichloromethane	ug/L	<1.0	50	50	52.9	55.2	106	110	78-117	4	
Bromoform	ug/L	<1.0	50	50	40.8	40.7	82	81	65-122	0	
Bromomethane	ug/L	<1.0	50	50	25.0	30.0	50	60	52-147	18	CL,M1
Carbon disulfide	ug/L	<1.0	50	50	42.2	44.4	84	89	41-144	5	
Carbon tetrachloride	ug/L	<1.0	50	50	52.3	50.3	105	101	59-120	4	
Chlorobenzene	ug/L	<1.0	50	50	47.2	44.5	94	89	75-113	6	
Chloroethane	ug/L	<1.0	50	50	40.8	42.4	82	85	49-151	4	CL
Chloroform	ug/L	<1.0	50	50	58.4	56.9	117	114	72-122	3	
Chloromethane	ug/L	<1.0	50	50	23.5	25.2	47	50	46-144	7	CL
cis-1,2-Dichloroethene	ug/L	<1.0	50	50	56.4	52.1	113	104	72-121	8	
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	49.3	51.9	99	104	78-116	5	
Dibromochloromethane	ug/L	<1.0	50	50	47.4	46.1	95	92	70-120	3	
Dibromomethane	ug/L	<1.0	50	50	50.5	53.8	101	108	75-125	6	
Dichlorodifluoromethane	ug/L	<1.0	50	50	31.6	31.0	63	62	22-154	2	CL,IL
Ethylbenzene	ug/L	<1.0	50	50	48.3	45.3	97	91	70-113	6	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	27.0	25.4	54	51	59-121	6	CL,M1
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	48.2	44.4	96	89	67-115	8	
m&p-Xylene	ug/L	<2.0	100	100	99.2	94.9	99	95	72-115	5	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	47.7	51.6	95	103	72-131	8	
Methylene Chloride	ug/L	<1.0	50	50	44.1	47.2	88	94	61-142	7	
n-Butylbenzene	ug/L	<1.0	50	50	43.7	42.2	87	84	73-107	4	
n-Propylbenzene	ug/L	<1.0	50	50	47.3	44.1	95	88	68-116	7	
Naphthalene	ug/L	<1.0	50	50	39.0	38.9	78	78	70-118	0	
o-Xylene	ug/L	<1.0	50	50	47.1	45.0	94	90	73-117	4	
p-Isopropyltoluene	ug/L	<1.0	50	50	44.9	42.2	90	84	73-101	6	
sec-Butylbenzene	ug/L	<1.0	50	50	44.4	42.2	89	84	72-103	5	
Styrene	ug/L	<1.0	50	50	49.8	47.1	100	94	72-118	5	
tert-Butylbenzene	ug/L	<1.0	50	50	44.5	41.9	89	84	68-100	6	
Tetrachloroethene	ug/L	<1.0	50	50	43.5	40.9	87	82	60-128	6	
Toluene	ug/L	<1.0	50	50	49.7	52.1	99	104	72-119	5	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50	48.5	50.3	97	101	56-142	4	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	51.8	54.7	104	109	79-116	6	
Trichloroethene	ug/L	<1.0	50	50	50.2	47.9	100	96	69-117	5	
Trichlorofluoromethane	ug/L	<1.0	50	50	57.5	60.9	115	122	27-173	6	
Vinyl acetate	ug/L	<1.0	50	50	45.7	45.7	91	91	20-158	0	
Vinyl chloride	ug/L	<1.0	50	50	31.0	33.6	62	67	43-143	8	CL
Xylene (Total)	ug/L	<3.0	150	150	146	140	98	93	71-109	4	
1,2-Dichloroethane-d4 (S)	%						104	106	68-153		
4-Bromofluorobenzene (S)	%						103	101	79-124		
Toluene-d8 (S)	%						95	93	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 107086 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 495310 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	03/27/19 18:13	
Sulfate	mg/L	<5.0	5.0	03/27/19 18:13	

LABORATORY CONTROL SAMPLE: 495311

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.2	102	90-110	
Sulfate	mg/L	10	9.8	98	90-110	

MATRIX SPIKE SAMPLE: 495312

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1120	1000	2170	105	80-120	
Sulfate	mg/L	38.2	100	150	112	80-120	

SAMPLE DUPLICATE: 495313

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1120	1120	0	
Sulfate	mg/L	38.2	<50.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 105678 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 488706 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	03/16/19 23:19	

LABORATORY CONTROL SAMPLE: 488707

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: 488708

Parameter	Units	7082602001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.60	116	90-110	H3,M1

MATRIX SPIKE SAMPLE: 488710

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.61	116	90-110	M1

SAMPLE DUPLICATE: 488709

Parameter	Units	7082602001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		H3

SAMPLE DUPLICATE: 488711

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

QC Batch: 105679 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

METHOD BLANK: 488712 Matrix: Water
Associated Lab Samples: 7082579001, 7082579002, 7082579003, 7082579004, 7082579005, 7082579006, 7082579007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	03/17/19 00:04	

LABORATORY CONTROL SAMPLE: 488713

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: 488714

Parameter	Units	7082602001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.6	5	10.5	98	90-110	H3

MATRIX SPIKE SAMPLE: 488716

Parameter	Units	7082579003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.52	99	90-110	

SAMPLE DUPLICATE: 488715

Parameter	Units	7082602001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	5.6	5.5	2	H3

SAMPLE DUPLICATE: 488717

Parameter	Units	7082579003 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

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: 7082579001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579004
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579005
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579006
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 7082579007
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492264
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

Sample: 492265
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

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.
H3	Sample was received or analysis requested beyond the recognized method holding time.
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.
N3	Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q1) 3/15
Pace Project No.: 7082579

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7082579001	**MW-46**	EPA 200.7	105964	EPA 200.7	105971
7082579002	**MW-62**	EPA 200.7	105964	EPA 200.7	105971
7082579003	**MW-65**	EPA 200.7	105964	EPA 200.7	105971
7082579004	**MW-67**	EPA 200.7	105964	EPA 200.7	105971
7082579005	**MW-70S**	EPA 200.7	105964	EPA 200.7	105971
7082579006	**MW-70D**	EPA 200.7	105964	EPA 200.7	105971
7082579007	**DUP X**	EPA 200.7	105964	EPA 200.7	105971
7082579001	**MW-46**	EPA 8260C/5030C	106384		
7082579002	**MW-62**	EPA 8260C/5030C	106384		
7082579003	**MW-65**	EPA 8260C/5030C	106384		
7082579004	**MW-67**	EPA 8260C/5030C	106384		
7082579005	**MW-70S**	EPA 8260C/5030C	106384		
7082579006	**MW-70D**	EPA 8260C/5030C	106384		
7082579007	**DUP X**	EPA 8260C/5030C	106384		
7082579008	**TRIP BLANK**	EPA 8260C/5030C	106384		
7082579001	**MW-46**	EPA 300.0	107086		
7082579002	**MW-62**	EPA 300.0	107086		
7082579003	**MW-65**	EPA 300.0	107086		
7082579004	**MW-67**	EPA 300.0	107086		
7082579005	**MW-70S**	EPA 300.0	107086		
7082579006	**MW-70D**	EPA 300.0	107086		
7082579007	**DUP X**	EPA 300.0	107086		
7082579001	**MW-46**	EPA 353.2	105679		
7082579002	**MW-62**	EPA 353.2	105679		
7082579003	**MW-65**	EPA 353.2	105679		
7082579004	**MW-67**	EPA 353.2	105679		
7082579005	**MW-70S**	EPA 353.2	105679		
7082579006	**MW-70D**	EPA 353.2	105679		
7082579007	**DUP X**	EPA 353.2	105679		
7082579001	**MW-46**	EPA 353.2	105678		
7082579002	**MW-62**	EPA 353.2	105678		
7082579003	**MW-65**	EPA 353.2	105678		
7082579004	**MW-67**	EPA 353.2	105678		
7082579005	**MW-70S**	EPA 353.2	105678		
7082579006	**MW-70D**	EPA 353.2	105678		
7082579007	**DUP X**	EPA 353.2	105678		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in #

WO#:7082579

7082579

LAB USE ONLY

Company: BARTON & LOGUIDICE	Billing Information:
Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205	
Report To: ANDY BARBER	Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM
Copy To: CORINNE STEINMULLER	Site Collection Info/Address: SCHENECTADY, NY 12308
Customer Project Name/Number: ALCO QUARTERLY GW (Q1)	State NY County/City SCHENECTADY Time Zone Collected EST
Phone: (518)218-1801 Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM	Site/Facility ID # / Compliance Monitoring? [ ] Yes [ ] No
C. STEINMULLER	Purchase Order # / DW PWS ID #: / Quote # / DW Location Code #:
Collected by (signature):	Turnaround Date Required: 2 WEEK / Immediately Packed on Ice? [ ] Yes [ ] No
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive [ ] Hold	RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply) / Field Filtered (if applicable): [ ] Yes [ ] No / Analysis:

* 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)

| | | |

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

June 13, 2019

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

RE: Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on June 06, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-19 **Lab ID: 7092292001** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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	**479000**	ug/L	500	1	06/07/19 10:03	06/10/19 22:56		
Calcium	**192000**	ug/L	200	1	06/07/19 10:03	06/10/19 22:56	7440-70-2	
Hardness, Magnesium	**81500**	ug/L	824	1	06/07/19 10:03	06/10/19 22:56		N3
Magnesium	**19800**	ug/L	200	1	06/07/19 10:03	06/10/19 22:56	7439-95-4	
Potassium	**8820**	ug/L	5000	1	06/07/19 10:03	06/10/19 22:56	7440-09-7	
Sodium	**689000**	ug/L	5000	1	06/07/19 10:03	06/10/19 22:56	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**561000**	ug/L	1320	1	06/07/19 10:03	06/10/19 22:56		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 00:39	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 00:39	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 00:39	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 00:39	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 00:39	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 00:39	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-19 **Lab ID: 7092292001** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/08/19 00:39	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 00:39	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 00:39	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	100-42-5	
Tetrachloroethene	**448**	ug/L	10.0	10		06/10/19 23:58	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-88-3	
Trichloroethene	**54.4**	ug/L	1.0	1		06/08/19 00:39	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:39	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 00:39	108-05-4	
Vinyl chloride	**3.0**	ug/L	1.0	1		06/08/19 00:39	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 00:39	1330-20-7	
cis-1,2-Dichloroethene	**70.2**	ug/L	1.0	1		06/08/19 00:39	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 00:39	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:39	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	1		06/08/19 00:39	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		06/08/19 00:39	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		06/08/19 00:39	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**967**	mg/L	200	100		06/10/19 23:05	16887-00-6	
Sulfate	**43.2**	mg/L	5.0	1		06/11/19 21:50	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.17**	mg/L	0.050	1		06/06/19 22:06	14797-55-8	
Nitrate-Nitrite (as N)	**0.17**	mg/L	0.050	1		06/06/19 22:06	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:47	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-46 **Lab ID: 7092292002** Collected: 06/05/19 10:42 Received: 06/06/19 11:00 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	**528000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:01		
Calcium	**211000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:01	7440-70-2	
Hardness, Magnesium	**113000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:01		N3
Magnesium	**27400**	ug/L	200	1	06/07/19 10:03	06/10/19 23:01	7439-95-4	
Potassium	**12000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:01	7440-09-7	
Sodium	**1150000**	ug/L	50000	10	06/07/19 10:03	06/11/19 12:29	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**640000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:01		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-34-3	
1,1-Dichloroethene	**3.3**	ug/L	1.0	1		06/08/19 00:57	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 00:57	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 00:57	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 00:57	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 00:57	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 00:57	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 00:57	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-46 **Lab ID: 7092292002** Collected: 06/05/19 10:42 Received: 06/06/19 11:00 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		06/08/19 00:57	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 00:57	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 00:57	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	100-42-5	
Tetrachloroethene	**8.3**	ug/L	1.0	1		06/08/19 00:57	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-88-3	
Trichloroethene	**57.3**	ug/L	1.0	1		06/08/19 00:57	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 00:57	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 00:57	108-05-4	
Vinyl chloride	**79.2**	ug/L	1.0	1		06/08/19 00:57	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 00:57	1330-20-7	
cis-1,2-Dichloroethene	**1600**	ug/L	20.0	20		06/11/19 00:16	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 00:57	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	98-06-6	
trans-1,2-Dichloroethene	**8.7**	ug/L	1.0	1		06/08/19 00:57	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 00:57	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 00:57	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		06/08/19 00:57	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		06/08/19 00:57	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1930**	mg/L	200	100		06/10/19 23:38	16887-00-6	
Sulfate	**187**	mg/L	50.0	10		06/10/19 23:22	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:07	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:07	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:48	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-62 **Lab ID: 7092292003** Collected: 06/05/19 09:24 Received: 06/06/19 11:00 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	**992000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:07		
Calcium	**397000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:07	7440-70-2	
Hardness, Magnesium	**253000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:07		N3
Magnesium	**61400**	ug/L	200	1	06/07/19 10:03	06/10/19 23:07	7439-95-4	
Potassium	**11000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:07	7440-09-7	
Sodium	**801000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:07	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1240000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:07		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 01:15	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 01:15	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 01:15	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 01:15	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 01:15	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 01:15	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-62 **Lab ID: 7092292003** Collected: 06/05/19 09:24 Received: 06/06/19 11:00 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		06/08/19 01:15	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 01:15	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 01:15	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:15	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 01:15	108-05-4	
Vinyl chloride	**81.6**	ug/L	1.0	1		06/08/19 01:15	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 01:15	1330-20-7	
cis-1,2-Dichloroethene	**584**	ug/L	10.0	10		06/11/19 00:34	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 01:15	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	98-06-6	
trans-1,2-Dichloroethene	**32.8**	ug/L	1.0	1		06/08/19 01:15	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:15	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 01:15	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		06/08/19 01:15	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		06/08/19 01:15	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1690**	mg/L	100	50		06/11/19 00:12	16887-00-6	
Sulfate	**320**	mg/L	50.0	10		06/10/19 23:55	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:08	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:08	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:50	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64S **Lab ID: 7092292004** Collected: 06/05/19 08:53 Received: 06/06/19 11:00 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	**347000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:13		
Calcium	**139000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:13	7440-70-2	
Hardness, Magnesium	**76900**	ug/L	824	1	06/07/19 10:03	06/10/19 23:13		N3
Magnesium	**18700**	ug/L	200	1	06/07/19 10:03	06/10/19 23:13	7439-95-4	
Potassium	**7780**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:13	7440-09-7	
Sodium	**40400**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:13	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**424000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:13		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/10/19 21:17	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/10/19 21:17	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/10/19 21:17	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/10/19 21:17	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/10/19 21:17	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/10/19 21:17	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64S **Lab ID: 7092292004** Collected: 06/05/19 08:53 Received: 06/06/19 11:00 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		06/10/19 21:17	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/10/19 21:17	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/10/19 21:17	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	91-20-3	CL,L2
Styrene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/10/19 21:17	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		06/10/19 21:17	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/10/19 21:17	1330-20-7	
cis-1,2-Dichloroethene	**3.6**	ug/L	1.0	1		06/10/19 21:17	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/10/19 21:17	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:17	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		06/10/19 21:17	17060-07-0	
4-Bromofluorobenzene (S)	95	%	79-124	1		06/10/19 21:17	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		06/10/19 21:17	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**124**	mg/L	10.0	5		06/11/19 01:19	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		06/11/19 01:02	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:09	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:09	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:51	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64D **Lab ID: 7092292005** Collected: 06/05/19 09:10 Received: 06/06/19 11:00 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	**953000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:18		
Calcium	**382000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:18	7440-70-2	
Hardness, Magnesium	**283000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:18		N3
Magnesium	**68700**	ug/L	200	1	06/07/19 10:03	06/10/19 23:18	7439-95-4	
Potassium	**6950**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:18	7440-09-7	
Sodium	**591000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:18	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1240000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:18		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-34-3	
1,1-Dichloroethene	**5.3**	ug/L	1.0	1		06/08/19 01:51	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 01:51	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 01:51	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 01:51	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 01:51	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 01:51	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 01:51	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-64D **Lab ID: 7092292005** Collected: 06/05/19 09:10 Received: 06/06/19 11:00 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		06/08/19 01:51	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 01:51	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 01:51	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-88-3	
Trichloroethene	**179**	ug/L	1.0	1		06/08/19 01:51	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 01:51	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 01:51	108-05-4	
Vinyl chloride	**76.7**	ug/L	1.0	1		06/08/19 01:51	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 01:51	1330-20-7	
cis-1,2-Dichloroethene	**844**	ug/L	10.0	10		06/11/19 00:52	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 01:51	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	98-06-6	
trans-1,2-Dichloroethene	**16.1**	ug/L	1.0	1		06/08/19 01:51	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 01:51	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	68-153	1		06/08/19 01:51	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/08/19 01:51	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		06/08/19 01:51	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1150**	mg/L	200	100		06/11/19 01:52	16887-00-6	
Sulfate	**392**	mg/L	50.0	10		06/11/19 01:36	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:10	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:10	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:52	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-65 **Lab ID: 7092292006** Collected: 06/05/19 08:19 Received: 06/06/19 11:00 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	**829000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:24		
Calcium	**332000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:24	7440-70-2	M1
Hardness, Magnesium	**278000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:24		N3
Magnesium	**67500**	ug/L	200	1	06/07/19 10:03	06/10/19 23:24	7439-95-4	
Potassium	**8350**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:24	7440-09-7	
Sodium	**635000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:24	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1110000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:24		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	630-20-6	
1,1,1-Trichloroethane	**1.8**	ug/L	1.0	1		06/08/19 03:39	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-34-3	
1,1-Dichloroethene	**1.3**	ug/L	1.0	1		06/08/19 03:39	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	87-61-6	CL,M1
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 03:39	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 03:39	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 03:39	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 03:39	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 03:39	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-83-9	
Carbon disulfide	**1.5**	ug/L	1.0	1		06/08/19 03:39	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 03:39	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-65 **Lab ID: 7092292006** Collected: 06/05/19 08:19 Received: 06/06/19 11:00 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		06/08/19 03:39	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 03:39	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 03:39	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	91-20-3	CL,M1
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	100-42-5	
Tetrachloroethene	**162**	ug/L	1.0	1		06/08/19 03:39	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-88-3	
Trichloroethene	**97.6**	ug/L	1.0	1		06/08/19 03:39	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:39	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 03:39	108-05-4	
Vinyl chloride	**21.1**	ug/L	1.0	1		06/08/19 03:39	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 03:39	1330-20-7	
cis-1,2-Dichloroethene	**414**	ug/L	10.0	10		06/11/19 01:10	156-59-2	M1
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 03:39	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	98-06-6	
trans-1,2-Dichloroethene	**1.6**	ug/L	1.0	1		06/08/19 03:39	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:39	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 03:39	17060-07-0	
4-Bromofluorobenzene (S)	98	%	79-124	1		06/08/19 03:39	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		06/08/19 03:39	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1320**	mg/L	200	100		06/11/19 02:59	16887-00-6	
Sulfate	**248**	mg/L	50.0	10		06/11/19 22:07	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.099**	mg/L	0.050	1		06/06/19 22:11	14797-55-8	
Nitrate-Nitrite (as N)	**0.099**	mg/L	0.050	1		06/06/19 22:11	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:53	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-67 **Lab ID: 7092292007** Collected: 06/05/19 10:05 Received: 06/06/19 11:00 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	**595000**	ug/L	500	1	06/07/19 10:03	06/10/19 23:56		
Calcium	**238000**	ug/L	200	1	06/07/19 10:03	06/10/19 23:56	7440-70-2	
Hardness, Magnesium	**175000**	ug/L	824	1	06/07/19 10:03	06/10/19 23:56		N3
Magnesium	**42400**	ug/L	200	1	06/07/19 10:03	06/10/19 23:56	7439-95-4	
Potassium	**8100**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:56	7440-09-7	
Sodium	**562000**	ug/L	5000	1	06/07/19 10:03	06/10/19 23:56	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**770000**	ug/L	1320	1	06/07/19 10:03	06/10/19 23:56		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-34-3	
1,1-Dichloroethene	**2.2**	ug/L	1.0	1		06/08/19 02:09	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 02:09	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 02:09	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 02:09	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 02:09	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 02:09	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 02:09	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-67 **Lab ID: 7092292007** Collected: 06/05/19 10:05 Received: 06/06/19 11:00 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		06/08/19 02:09	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 02:09	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 02:09	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	100-42-5	
Tetrachloroethene	**49.8**	ug/L	1.0	1		06/08/19 02:09	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-88-3	
Trichloroethene	**88.0**	ug/L	1.0	1		06/08/19 02:09	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:09	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 02:09	108-05-4	
Vinyl chloride	**184**	ug/L	1.0	1		06/08/19 02:09	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 02:09	1330-20-7	
cis-1,2-Dichloroethene	**2060**	ug/L	50.0	50		06/11/19 01:28	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 02:09	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	98-06-6	
trans-1,2-Dichloroethene	**14.3**	ug/L	1.0	1		06/08/19 02:09	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:09	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		06/08/19 02:09	17060-07-0	
4-Bromofluorobenzene (S)	97	%	79-124	1		06/08/19 02:09	460-00-4	
Toluene-d8 (S)	100	%	69-124	1		06/08/19 02:09	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**959**	mg/L	200	100		06/11/19 04:40	16887-00-6	
Sulfate	**122**	mg/L	25.0	5		06/11/19 04:23	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:17	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:17	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 18:59	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-68 **Lab ID: 7092292008** Collected: 06/05/19 09:48 Received: 06/06/19 11:00 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	**384000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:02		
Calcium	**154000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:02	7440-70-2	
Hardness, Magnesium	**112000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:02		N3
Magnesium	**27200**	ug/L	200	1	06/07/19 10:03	06/11/19 00:02	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:02	7440-09-7	
Sodium	**141000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:02	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**497000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:02		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	87-61-6	CL,M1
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	120-82-1	CL
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/10/19 21:35	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/10/19 21:35	78-93-3	IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/10/19 21:35	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/10/19 21:35	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/10/19 21:35	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-86-1	
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/10/19 21:35	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-68 **Lab ID: 7092292008** Collected: 06/05/19 09:48 Received: 06/06/19 11:00 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		06/10/19 21:35	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	87-68-3	CL
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/10/19 21:35	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/10/19 21:35	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	91-20-3	CL,L2, M0
Styrene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/10/19 21:35	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/10/19 21:35	108-05-4	
Vinyl chloride	**8.8**	ug/L	1.0	1		06/10/19 21:35	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/10/19 21:35	1330-20-7	
cis-1,2-Dichloroethene	**2.8**	ug/L	1.0	1		06/10/19 21:35	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/10/19 21:35	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/10/19 21:35	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		06/10/19 21:35	17060-07-0	
4-Bromofluorobenzene (S)	94	%	79-124	1		06/10/19 21:35	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		06/10/19 21:35	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**243**	mg/L	10.0	5		06/11/19 05:13	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		06/11/19 04:56	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:19	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:19	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:00	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70S **Lab ID: 7092292009** Collected: 06/05/19 11:06 Received: 06/06/19 11:00 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	**478000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:08		
Calcium	**191000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:08	7440-70-2	
Hardness, Magnesium	**186000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:08		N3
Magnesium	**45200**	ug/L	200	1	06/07/19 10:03	06/11/19 00:08	7439-95-4	
Potassium	**5130**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:08	7440-09-7	
Sodium	**267000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:08	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**664000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:08		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 02:45	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 02:45	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 02:45	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 02:45	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 02:45	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 02:45	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70S **Lab ID: 7092292009** Collected: 06/05/19 11:06 Received: 06/06/19 11:00 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		06/08/19 02:45	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 02:45	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 02:45	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 02:45	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		06/08/19 02:45	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 02:45	1330-20-7	
cis-1,2-Dichloroethene	**7.2**	ug/L	1.0	1		06/08/19 02:45	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 02:45	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 02:45	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		06/08/19 02:45	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		06/08/19 02:45	460-00-4	
Toluene-d8 (S)	101	%	69-124	1		06/08/19 02:45	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**520**	mg/L	100	50		06/11/19 05:46	16887-00-6	
Sulfate	**<50.0**	mg/L	50.0	10		06/11/19 05:30	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.064**	mg/L	0.050	1		06/06/19 22:22	14797-55-8	
Nitrate-Nitrite (as N)	**0.064**	mg/L	0.050	1		06/06/19 22:22	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:04	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70D **Lab ID: 7092292010** Collected: 06/05/19 11:24 Received: 06/06/19 11:00 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	**492000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:13		
Calcium	**197000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:13	7440-70-2	
Hardness, Magnesium	**153000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:13		N3
Magnesium	**37000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:13	7439-95-4	
Potassium	**11600**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:13	7440-09-7	
Sodium	**142000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:13	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**645000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:13		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	120-82-1	
1,2,4-Trimethylbenzene	**21.8**	ug/L	1.0	1		06/08/19 03:03	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 03:03	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	78-87-5	
1,3,5-Trimethylbenzene	**3.2**	ug/L	1.0	1		06/08/19 03:03	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 03:03	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 03:03	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 03:03	108-10-1	
Acetone	**5.9**	ug/L	5.0	1		06/08/19 03:03	67-64-1	CL
Benzene	**36.2**	ug/L	1.0	1		06/08/19 03:03	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 03:03	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: MW-70D **Lab ID: 7092292010** Collected: 06/05/19 11:24 Received: 06/06/19 11:00 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		06/08/19 03:03	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	87-68-3	
Isopropylbenzene (Cumene)	**3.7**	ug/L	1.0	1		06/08/19 03:03	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 03:03	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:03	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 03:03	108-05-4	
Vinyl chloride	**1.2**	ug/L	1.0	1		06/08/19 03:03	75-01-4	
Xylene (Total)	**4.4**	ug/L	3.0	1		06/08/19 03:03	1330-20-7	
cis-1,2-Dichloroethene	**6.0**	ug/L	1.0	1		06/08/19 03:03	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	10061-01-5	
m&p-Xylene	**2.7**	ug/L	2.0	1		06/08/19 03:03	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	104-51-8	
n-Propylbenzene	**4.1**	ug/L	1.0	1		06/08/19 03:03	103-65-1	
o-Xylene	**1.7**	ug/L	1.0	1		06/08/19 03:03	95-47-6	
p-Isopropyltoluene	**1.1**	ug/L	1.0	1		06/08/19 03:03	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:03	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%	68-153	1		06/08/19 03:03	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		06/08/19 03:03	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		06/08/19 03:03	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**228**	mg/L	20.0	10		06/11/19 06:20	16887-00-6	
Sulfate	**5.4**	mg/L	5.0	1		06/11/19 06:03	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.24**	mg/L	0.050	1		06/06/19 22:23	14797-55-8	
Nitrate-Nitrite (as N)	**0.24**	mg/L	0.050	1		06/06/19 22:23	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:05	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: DUP X **Lab ID: 7092292011** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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	**921000**	ug/L	500	1	06/07/19 10:03	06/11/19 00:19		
Calcium	**369000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:19	7440-70-2	
Hardness, Magnesium	**272000**	ug/L	824	1	06/07/19 10:03	06/11/19 00:19		N3
Magnesium	**66000**	ug/L	200	1	06/07/19 10:03	06/11/19 00:19	7439-95-4	
Potassium	**6920**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:19	7440-09-7	
Sodium	**595000**	ug/L	5000	1	06/07/19 10:03	06/11/19 00:19	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1190000**	ug/L	1320	1	06/07/19 10:03	06/11/19 00:19		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-34-3	
1,1-Dichloroethene	**5.4**	ug/L	1.0	1		06/08/19 03:21	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/08/19 03:21	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/08/19 03:21	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/08/19 03:21	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/08/19 03:21	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/08/19 03:21	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/08/19 03:21	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: DUP X **Lab ID: 7092292011** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/08/19 03:21	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/08/19 03:21	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/19 03:21	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-88-3	
Trichloroethene	**198**	ug/L	1.0	1		06/08/19 03:21	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/08/19 03:21	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/08/19 03:21	108-05-4	
Vinyl chloride	**79.2**	ug/L	1.0	1		06/08/19 03:21	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/08/19 03:21	1330-20-7	
cis-1,2-Dichloroethene	**920**	ug/L	10.0	10		06/11/19 01:46	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/08/19 03:21	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	98-06-6	
trans-1,2-Dichloroethene	**17.0**	ug/L	1.0	1		06/08/19 03:21	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/08/19 03:21	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		06/08/19 03:21	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		06/08/19 03:21	460-00-4	
Toluene-d8 (S)	103	%	69-124	1		06/08/19 03:21	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1140**	mg/L	200	100		06/11/19 06:53	16887-00-6	
Sulfate	**388**	mg/L	50.0	10		06/11/19 06:37	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		06/06/19 22:25	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		06/06/19 22:25	7727-37-9	
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		06/06/19 19:06	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: TRIP BLANK **Lab ID: 7092292012** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/07/19 21:58	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-35-4	
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	87-61-6	CL
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		06/07/19 21:58	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		06/07/19 21:58	78-93-3	CL,IL
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-49-8	
2-Hexanone	**<5.0**	ug/L	5.0	1		06/07/19 21:58	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	106-43-4	
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		06/07/19 21:58	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		06/07/19 21:58	67-64-1	CL
Benzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		06/07/19 21:58	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		06/07/19 21:58	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-71-8	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/07/19 21:58	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/07/19 21:58	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-09-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Sample: TRIP BLANK **Lab ID: 7092292012** Collected: 06/05/19 00:00 Received: 06/06/19 11:00 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		06/07/19 21:58	91-20-3	CL
Styrene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-69-4	
Vinyl acetate	**<1.0**	ug/L	1.0	1		06/07/19 21:58	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		06/07/19 21:58	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/07/19 21:58	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/07/19 21:58	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	104-51-8	
n-Propylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	98-06-6	
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		06/07/19 21:58	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	1		06/07/19 21:58	17060-07-0	
4-Bromofluorobenzene (S)	96	%	79-124	1		06/07/19 21:58	460-00-4	
Toluene-d8 (S)	102	%	69-124	1		06/07/19 21:58	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116837 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

METHOD BLANK: 552848 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<500	500	06/10/19 15:11	
Calcium	ug/L	<200	200	06/10/19 15:11	
Hardness, Magnesium	ug/L	<824	824	06/10/19 15:11	N3
Magnesium	ug/L	<200	200	06/10/19 15:11	
Potassium	ug/L	<5000	5000	06/10/19 15:11	
Sodium	ug/L	<5000	5000	06/10/19 15:11	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<1320	1320	06/10/19 15:11	

LABORATORY CONTROL SAMPLE: 552849

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		59700			
Calcium	ug/L	25000	23900	96	85-115	
Hardness, Magnesium	ug/L		97600			N3
Magnesium	ug/L	25000	23700	95	85-115	
Potassium	ug/L	50000	47400	95	85-115	
Sodium	ug/L	50000	47700	95	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		157000			

MATRIX SPIKE SAMPLE: 552851

Parameter	Units	7091763001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	166000		220000			
Calcium	ug/L	66400	25000	88100	87	70-130	
Hardness, Magnesium	ug/L	6950		103000			N3
Magnesium	ug/L	1690	25000	25000	93	70-130	
Potassium	ug/L	43400	50000	93100	99	70-130	
Sodium	ug/L	101000	50000	148000	92	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	173000		323000			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

MATRIX SPIKE SAMPLE: 552853

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	829000		858000			
Calcium	ug/L	332000	25000	344000	46	70-130	M1
Hardness, Magnesium	ug/L	278000		363000			N3
Magnesium	ug/L	67500	25000	88200	83	70-130	
Potassium	ug/L	8350	50000	63700	111	70-130	
Sodium	ug/L	635000	50000	681000	92	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	1110000		1220000			

SAMPLE DUPLICATE: 552850

Parameter	Units	7091763001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	166000	170000	2	
Calcium	ug/L	66400	67900	2	
Hardness, Magnesium	ug/L	6950	7160	3	N3
Magnesium	ug/L	1690	1740	3	
Potassium	ug/L	43400	44700	3	
Sodium	ug/L	101000	103000	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	173000	177000	2	

SAMPLE DUPLICATE: 552852

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	829000	828000	0	
Calcium	ug/L	332000	332000	0	
Hardness, Magnesium	ug/L	278000	277000	0	N3
Magnesium	ug/L	67500	67300	0	
Potassium	ug/L	8350	8490	2	
Sodium	ug/L	635000	637000	0	
Tot Hardness asCaCO3 (SM 2340B	ug/L	1110000	1110000	0	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116891 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292005, 7092292006, 7092292007, 7092292009, 7092292010, 7092292011, 7092292012

METHOD BLANK: 553404 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292005, 7092292006, 7092292007, 7092292009, 7092292010, 7092292011, 7092292012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1-Dichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,1-Dichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
1,1-Dichloropropene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	CL
1,2,3-Trichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dichloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
1,2-Dichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
1,3-Dichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
2,2-Dichloropropane	ug/L	<1.0	1.0	06/07/19 20:45	
2-Butanone (MEK)	ug/L	<5.0	5.0	06/07/19 20:45	CL,IL
2-Chlorotoluene	ug/L	<1.0	1.0	06/07/19 20:45	
2-Hexanone	ug/L	<5.0	5.0	06/07/19 20:45	
4-Chlorotoluene	ug/L	<1.0	1.0	06/07/19 20:45	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	06/07/19 20:45	
Acetone	ug/L	<5.0	5.0	06/07/19 20:45	CL
Benzene	ug/L	<1.0	1.0	06/07/19 20:45	
Bromobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Bromochloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Bromodichloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Bromoform	ug/L	<1.0	1.0	06/07/19 20:45	
Bromomethane	ug/L	<1.0	1.0	06/07/19 20:45	
Carbon disulfide	ug/L	<1.0	1.0	06/07/19 20:45	
Carbon tetrachloride	ug/L	<1.0	1.0	06/07/19 20:45	
Chlorobenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Chloroethane	ug/L	<1.0	1.0	06/07/19 20:45	
Chloroform	ug/L	<1.0	1.0	06/07/19 20:45	
Chloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

METHOD BLANK: 553404 Matrix: Water

Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292005, 7092292006, 7092292007, 7092292009, 7092292010, 7092292011, 7092292012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	06/07/19 20:45	
Dibromochloromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Dibromomethane	ug/L	<1.0	1.0	06/07/19 20:45	
Dichlorodifluoromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Ethylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	06/07/19 20:45	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	06/07/19 20:45	
m&p-Xylene	ug/L	<2.0	2.0	06/07/19 20:45	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	06/07/19 20:45	
Methylene Chloride	ug/L	<1.0	1.0	06/07/19 20:45	
n-Butylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
n-Propylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Naphthalene	ug/L	<1.0	1.0	06/07/19 20:45	CL
o-Xylene	ug/L	<1.0	1.0	06/07/19 20:45	
p-Isopropyltoluene	ug/L	<1.0	1.0	06/07/19 20:45	
sec-Butylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Styrene	ug/L	<1.0	1.0	06/07/19 20:45	
tert-Butylbenzene	ug/L	<1.0	1.0	06/07/19 20:45	
Tetrachloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
Toluene	ug/L	<1.0	1.0	06/07/19 20:45	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	06/07/19 20:45	
Trichloroethene	ug/L	<1.0	1.0	06/07/19 20:45	
Trichlorofluoromethane	ug/L	<1.0	1.0	06/07/19 20:45	
Vinyl acetate	ug/L	<1.0	1.0	06/07/19 20:45	
Vinyl chloride	ug/L	<1.0	1.0	06/07/19 20:45	
Xylene (Total)	ug/L	<3.0	3.0	06/07/19 20:45	
1,2-Dichloroethane-d4 (S)	%	91	68-153	06/07/19 20:45	
4-Bromofluorobenzene (S)	%	97	79-124	06/07/19 20:45	
Toluene-d8 (S)	%	105	69-124	06/07/19 20:45	

LABORATORY CONTROL SAMPLE: 553405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.8	110	74-113	
1,1,1-Trichloroethane	ug/L	50	49.2	98	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	52.2	104	74-121	
1,1,2-Trichloroethane	ug/L	50	47.3	95	80-117	
1,1-Dichloroethane	ug/L	50	46.6	93	83-151	
1,1-Dichloroethene	ug/L	50	49.1	98	45-146	
1,1-Dichloropropene	ug/L	50	51.3	103	59-127	
1,2,3-Trichlorobenzene	ug/L	50	37.7	75	67-103	CL
1,2,3-Trichloropropane	ug/L	50	51.1	102	71-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 553405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	42.7	85	66-116	
1,2,4-Trimethylbenzene	ug/L	50	46.5	93	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	48.6	97	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	48.8	98	83-115	
1,2-Dichlorobenzene	ug/L	50	48.9	98	74-113	
1,2-Dichloroethane	ug/L	50	44.0	88	74-129	
1,2-Dichloropropane	ug/L	50	47.5	95	75-117	
1,3,5-Trimethylbenzene	ug/L	50	46.3	93	67-116	
1,3-Dichlorobenzene	ug/L	50	50.8	102	71-112	
1,3-Dichloropropane	ug/L	50	51.9	104	74-112	
1,4-Dichlorobenzene	ug/L	50	47.6	95	71-113	
2,2-Dichloropropane	ug/L	50	47.1	94	63-133	
2-Butanone (MEK)	ug/L	50	37.6	75	44-162	CL,IL
2-Chlorotoluene	ug/L	50	49.7	99	74-101	
2-Hexanone	ug/L	50	45.4	91	32-183	
4-Chlorotoluene	ug/L	50	50.2	100	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	45.4	91	69-132	
Acetone	ug/L	50	35.1	70	23-188	CL
Benzene	ug/L	50	49.5	99	73-119	
Bromobenzene	ug/L	50	52.0	104	72-102	L1
Bromochloromethane	ug/L	50	47.6	95	81-116	
Bromodichloromethane	ug/L	50	51.2	102	78-117	
Bromoform	ug/L	50	49.6	99	65-122	
Bromomethane	ug/L	50	49.6	99	52-147	
Carbon disulfide	ug/L	50	48.8	98	41-144	
Carbon tetrachloride	ug/L	50	53.3	107	59-120	
Chlorobenzene	ug/L	50	52.0	104	75-113	
Chloroethane	ug/L	50	48.1	96	49-151	
Chloroform	ug/L	50	46.2	92	72-122	
Chloromethane	ug/L	50	51.6	103	46-144	
cis-1,2-Dichloroethene	ug/L	50	46.7	93	72-121	
cis-1,3-Dichloropropene	ug/L	50	49.8	100	78-116	
Dibromochloromethane	ug/L	50	57.7	115	70-120	
Dibromomethane	ug/L	50	47.4	95	75-125	
Dichlorodifluoromethane	ug/L	50	48.5	97	22-154	
Ethylbenzene	ug/L	50	52.1	104	70-113	
Hexachloro-1,3-butadiene	ug/L	50	41.1	82	59-121	
Isopropylbenzene (Cumene)	ug/L	50	51.1	102	67-115	
m&p-Xylene	ug/L	100	104	104	72-115	
Methyl-tert-butyl ether	ug/L	50	42.5	85	72-131	
Methylene Chloride	ug/L	50	44.8	90	61-142	
n-Butylbenzene	ug/L	50	45.4	91	73-107	
n-Propylbenzene	ug/L	50	51.0	102	68-116	
Naphthalene	ug/L	50	39.4	79	70-118	CL
o-Xylene	ug/L	50	50.9	102	73-117	
p-Isopropyltoluene	ug/L	50	46.7	93	73-101	
sec-Butylbenzene	ug/L	50	46.0	92	72-103	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 553405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	51.5	103	72-118	
tert-Butylbenzene	ug/L	50	46.4	93	68-100	
Tetrachloroethene	ug/L	50	49.9	100	60-128	
Toluene	ug/L	50	50.0	100	72-119	
trans-1,2-Dichloroethene	ug/L	50	48.5	97	56-142	
trans-1,3-Dichloropropene	ug/L	50	49.4	99	79-116	
Trichloroethene	ug/L	50	50.6	101	69-117	
Trichlorofluoromethane	ug/L	50	48.0	96	27-173	
Vinyl acetate	ug/L	50	47.9	96	20-158	
Vinyl chloride	ug/L	50	52.8	106	43-143	
Xylene (Total)	ug/L	150	155	103	71-109	
1,2-Dichloroethane-d4 (S)	%			93	68-153	
4-Bromofluorobenzene (S)	%			97	79-124	
Toluene-d8 (S)	%			103	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 554547 554548

Parameter	Units	7092292006 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	49.1	45.6	98	91	74-113	7	
1,1,1-Trichloroethane	ug/L	1.8	50	50	43.0	42.7	82	82	65-118	1	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	47.8	45.7	96	91	74-121	5	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	44.1	44.0	88	88	80-117	0	
1,1-Dichloroethane	ug/L	<1.0	50	50	45.0	41.6	90	83	83-151	8	
1,1-Dichloroethene	ug/L	1.3	50	50	48.1	42.8	94	83	45-146	12	
1,1-Dichloropropene	ug/L	<1.0	50	50	45.9	43.3	92	87	59-127	6	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	32.9	38.2	66	76	67-103	15	CL,M1
1,2,3-Trichloropropane	ug/L	<1.0	50	50	47.4	45.8	95	92	71-123	4	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	39.9	39.7	80	79	66-116	0	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	41.7	39.5	83	79	68-116	5	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	43.9	43.8	88	88	74-119	0	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	45.2	44.5	90	89	83-115	1	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	44.2	41.7	88	83	74-113	6	
1,2-Dichloroethane	ug/L	<1.0	50	50	42.9	40.5	86	81	74-129	6	
1,2-Dichloropropane	ug/L	<1.0	50	50	44.1	42.7	88	85	75-117	3	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	42.0	39.2	84	78	67-116	7	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	45.4	43.4	91	87	71-112	4	
1,3-Dichloropropane	ug/L	<1.0	50	50	47.5	43.8	95	88	74-112	8	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	43.5	41.1	87	82	71-113	6	
2,2-Dichloropropane	ug/L	<1.0	50	50	39.3	36.7	79	73	63-133	7	
2-Butanone (MEK)	ug/L	<5.0	50	50	37.6	36.1	75	72	44-162	4	CL,IL
2-Chlorotoluene	ug/L	<1.0	50	50	43.6	40.9	87	82	74-101	7	
2-Hexanone	ug/L	<5.0	50	50	39.8	38.4	80	77	32-183	4	
4-Chlorotoluene	ug/L	<1.0	50	50	44.5	41.3	89	83	74-101	7	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	42.8	42.2	86	84	69-132	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 554547 554548

Parameter	Units	7092292006 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	26.8	25.8	51	49	23-188	4	CL
Benzene	ug/L	<1.0	50	50	45.2	43.9	90	88	73-119	3	
Bromobenzene	ug/L	<1.0	50	50	47.4	44.3	95	89	72-102	7	
Bromochloromethane	ug/L	<1.0	50	50	47.4	43.1	95	86	81-116	10	
Bromodichloromethane	ug/L	<1.0	50	50	46.4	45.0	93	90	78-117	3	
Bromoform	ug/L	<1.0	50	50	46.7	44.0	93	88	65-122	6	
Bromomethane	ug/L	<1.0	50	50	45.6	42.9	91	86	52-147	6	
Carbon disulfide	ug/L	1.5	50	50	48.0	42.3	93	82	41-144	13	
Carbon tetrachloride	ug/L	<1.0	50	50	47.4	45.5	95	91	59-120	4	
Chlorobenzene	ug/L	<1.0	50	50	45.9	43.2	92	86	75-113	6	
Chloroethane	ug/L	<1.0	50	50	47.3	43.5	95	87	49-151	8	
Chloroform	ug/L	<1.0	50	50	44.8	41.3	90	83	72-122	8	
Chloromethane	ug/L	<1.0	50	50	50.1	45.5	100	91	46-144	10	
cis-1,2-Dichloroethene	ug/L	414	50	50	420	403	11	-23	72-121	4	E,M1
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	44.7	43.6	89	87	78-116	3	
Dibromochloromethane	ug/L	<1.0	50	50	52.3	50.7	105	101	70-120	3	
Dibromomethane	ug/L	<1.0	50	50	43.5	43.4	87	87	75-125	0	
Dichlorodifluoromethane	ug/L	<1.0	50	50	45.7	41.0	91	82	22-154	11	
Ethylbenzene	ug/L	<1.0	50	50	45.5	41.9	91	84	70-113	8	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	39.1	37.6	78	75	59-121	4	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	45.2	41.3	90	83	67-115	9	
m&p-Xylene	ug/L	<2.0	100	100	88.7	83.2	89	83	72-115	6	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	43.3	40.5	87	81	72-131	7	
Methylene Chloride	ug/L	<1.0	50	50	43.4	40.0	87	80	61-142	8	
n-Butylbenzene	ug/L	<1.0	50	50	41.7	38.6	83	77	73-107	8	
n-Propylbenzene	ug/L	<1.0	50	50	44.9	41.7	90	83	68-116	7	
Naphthalene	ug/L	<1.0	50	50	33.3	37.2	67	74	70-118	11	CL,M1
o-Xylene	ug/L	<1.0	50	50	44.0	41.5	88	83	73-117	6	
p-Isopropyltoluene	ug/L	<1.0	50	50	43.0	41.4	86	83	73-101	4	
sec-Butylbenzene	ug/L	<1.0	50	50	44.4	41.0	89	82	72-103	8	
Styrene	ug/L	<1.0	50	50	44.1	42.5	88	85	72-118	4	
tert-Butylbenzene	ug/L	<1.0	50	50	43.0	41.0	86	82	68-100	5	
Toluene	ug/L	<1.0	50	50	44.2	43.1	88	86	72-119	2	
trans-1,2-Dichloroethene	ug/L	1.6	50	50	48.8	44.7	94	86	56-142	9	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	43.7	42.5	87	85	79-116	3	
Trichloroethene	ug/L	97.6	50	50	156	154	116	114	69-117	1	
Trichlorofluoromethane	ug/L	<1.0	50	50	46.2	41.6	92	83	27-173	10	
Vinyl acetate	ug/L	<1.0	50	50	41.4	39.3	83	79	20-158	5	
Vinyl chloride	ug/L	21.1	50	50	73.6	68.1	105	94	43-143	8	
Xylene (Total)	ug/L	<3.0	150	150	133	125	88	83	71-109	6	
1,2-Dichloroethane-d4 (S)	%						96	97	68-153		
4-Bromofluorobenzene (S)	%						97	95	79-124		
Toluene-d8 (S)	%						99	99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 117108 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 7092292004, 7092292008

METHOD BLANK: 554595 Matrix: Water
Associated Lab Samples: 7092292004, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1-Dichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,1-Dichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
1,1-Dichloropropene	ug/L	<1.0	1.0	06/10/19 19:42	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	CL
1,2,3-Trichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dichloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
1,2-Dichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
1,3-Dichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
2,2-Dichloropropane	ug/L	<1.0	1.0	06/10/19 19:42	
2-Butanone (MEK)	ug/L	<5.0	5.0	06/10/19 19:42	IL
2-Chlorotoluene	ug/L	<1.0	1.0	06/10/19 19:42	
2-Hexanone	ug/L	<5.0	5.0	06/10/19 19:42	
4-Chlorotoluene	ug/L	<1.0	1.0	06/10/19 19:42	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	06/10/19 19:42	
Acetone	ug/L	<5.0	5.0	06/10/19 19:42	
Benzene	ug/L	<1.0	1.0	06/10/19 19:42	
Bromobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Bromochloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Bromodichloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Bromoform	ug/L	<1.0	1.0	06/10/19 19:42	
Bromomethane	ug/L	<1.0	1.0	06/10/19 19:42	
Carbon disulfide	ug/L	<1.0	1.0	06/10/19 19:42	
Carbon tetrachloride	ug/L	<1.0	1.0	06/10/19 19:42	
Chlorobenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Chloroethane	ug/L	<1.0	1.0	06/10/19 19:42	
Chloroform	ug/L	<1.0	1.0	06/10/19 19:42	
Chloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	06/10/19 19:42	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

METHOD BLANK: 554595 Matrix: Water
Associated Lab Samples: 7092292004, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Dibromomethane	ug/L	<1.0	1.0	06/10/19 19:42	
Dichlorodifluoromethane	ug/L	<1.0	1.0	06/10/19 19:42	CL
Ethylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	06/10/19 19:42	CL
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	06/10/19 19:42	
m&p-Xylene	ug/L	<2.0	2.0	06/10/19 19:42	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	06/10/19 19:42	
Methylene Chloride	ug/L	<1.0	1.0	06/10/19 19:42	
n-Butylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
n-Propylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Naphthalene	ug/L	<1.0	1.0	06/10/19 19:42	CL
o-Xylene	ug/L	<1.0	1.0	06/10/19 19:42	
p-Isopropyltoluene	ug/L	<1.0	1.0	06/10/19 19:42	
sec-Butylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Styrene	ug/L	<1.0	1.0	06/10/19 19:42	
tert-Butylbenzene	ug/L	<1.0	1.0	06/10/19 19:42	
Tetrachloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
Toluene	ug/L	<1.0	1.0	06/10/19 19:42	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	06/10/19 19:42	
Trichloroethene	ug/L	<1.0	1.0	06/10/19 19:42	
Trichlorofluoromethane	ug/L	<1.0	1.0	06/10/19 19:42	
Vinyl acetate	ug/L	<1.0	1.0	06/10/19 19:42	
Vinyl chloride	ug/L	<1.0	1.0	06/10/19 19:42	
Xylene (Total)	ug/L	<3.0	3.0	06/10/19 19:42	
1,2-Dichloroethane-d4 (S)	%	100	68-153	06/10/19 19:42	
4-Bromofluorobenzene (S)	%	95	79-124	06/10/19 19:42	
Toluene-d8 (S)	%	102	69-124	06/10/19 19:42	

LABORATORY CONTROL SAMPLE: 554596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.4	99	74-113	
1,1,1-Trichloroethane	ug/L	50	45.4	91	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	74-121	
1,1,2-Trichloroethane	ug/L	50	45.7	91	80-117	
1,1-Dichloroethane	ug/L	50	49.9	100	83-151	
1,1-Dichloroethene	ug/L	50	49.9	100	45-146	
1,1-Dichloropropene	ug/L	50	49.1	98	59-127	
1,2,3-Trichlorobenzene	ug/L	50	33.9	68	67-103	CL
1,2,3-Trichloropropane	ug/L	50	48.6	97	71-123	
1,2,4-Trichlorobenzene	ug/L	50	40.1	80	66-116	CL
1,2,4-Trimethylbenzene	ug/L	50	45.4	91	68-116	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 554596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromo-3-chloropropane	ug/L	50	43.1	86	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	44.3	89	83-115	
1,2-Dichlorobenzene	ug/L	50	44.8	90	74-113	
1,2-Dichloroethane	ug/L	50	46.6	93	74-129	
1,2-Dichloropropane	ug/L	50	47.1	94	75-117	
1,3,5-Trimethylbenzene	ug/L	50	45.1	90	67-116	
1,3-Dichlorobenzene	ug/L	50	47.6	95	71-112	
1,3-Dichloropropane	ug/L	50	49.0	98	74-112	
1,4-Dichlorobenzene	ug/L	50	45.5	91	71-113	
2,2-Dichloropropane	ug/L	50	51.0	102	63-133	
2-Butanone (MEK)	ug/L	50	44.3	89	44-162	IL
2-Chlorotoluene	ug/L	50	47.7	95	74-101	
2-Hexanone	ug/L	50	48.5	97	32-183	
4-Chlorotoluene	ug/L	50	47.7	95	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	50	43.1	86	69-132	
Acetone	ug/L	50	48.6	97	23-188	
Benzene	ug/L	50	47.0	94	73-119	
Bromobenzene	ug/L	50	47.4	95	72-102	
Bromochloromethane	ug/L	50	48.5	97	81-116	
Bromodichloromethane	ug/L	50	48.0	96	78-117	
Bromoform	ug/L	50	43.7	87	65-122	
Bromomethane	ug/L	50	46.9	94	52-147	
Carbon disulfide	ug/L	50	51.0	102	41-144	
Carbon tetrachloride	ug/L	50	50.8	102	59-120	
Chlorobenzene	ug/L	50	46.1	92	75-113	
Chloroethane	ug/L	50	49.8	100	49-151	
Chloroform	ug/L	50	49.5	99	72-122	
Chloromethane	ug/L	50	46.5	93	46-144	
cis-1,2-Dichloroethene	ug/L	50	49.5	99	72-121	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	78-116	
Dibromochloromethane	ug/L	50	52.4	105	70-120	
Dibromomethane	ug/L	50	44.2	88	75-125	
Dichlorodifluoromethane	ug/L	50	36.9	74	22-154	CL
Ethylbenzene	ug/L	50	46.1	92	70-113	
Hexachloro-1,3-butadiene	ug/L	50	45.3	91	59-121	CL
Isopropylbenzene (Cumene)	ug/L	50	46.9	94	67-115	
m&p-Xylene	ug/L	100	93.6	94	72-115	
Methyl-tert-butyl ether	ug/L	50	45.7	91	72-131	
Methylene Chloride	ug/L	50	47.5	95	61-142	
n-Butylbenzene	ug/L	50	50.0	100	73-107	
n-Propylbenzene	ug/L	50	49.1	98	68-116	
Naphthalene	ug/L	50	32.9	66	70-118	CL,L2
o-Xylene	ug/L	50	45.5	91	73-117	
p-Isopropyltoluene	ug/L	50	48.4	97	73-101	
sec-Butylbenzene	ug/L	50	47.0	94	72-103	
Styrene	ug/L	50	47.4	95	72-118	
tert-Butylbenzene	ug/L	50	47.2	94	68-100	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

LABORATORY CONTROL SAMPLE: 554596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	41.1	82	60-128	
Toluene	ug/L	50	47.6	95	72-119	
trans-1,2-Dichloroethene	ug/L	50	50.9	102	56-142	
trans-1,3-Dichloropropene	ug/L	50	48.5	97	79-116	
Trichloroethene	ug/L	50	46.5	93	69-117	
Trichlorofluoromethane	ug/L	50	49.5	99	27-173	
Vinyl acetate	ug/L	50	52.4	105	20-158	
Vinyl chloride	ug/L	50	50.4	101	43-143	
Xylene (Total)	ug/L	150	139	93	71-109	
1,2-Dichloroethane-d4 (S)	%			94	68-153	
4-Bromofluorobenzene (S)	%			96	79-124	
Toluene-d8 (S)	%			103	69-124	

MATRIX SPIKE SAMPLE: 554680

Parameter	Units	7092292008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	50	47.9	96	74-113	
1,1,1-Trichloroethane	ug/L	<1.0	50	46.9	94	65-118	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	52.6	105	74-121	
1,1,2-Trichloroethane	ug/L	<1.0	50	46.9	94	80-117	
1,1-Dichloroethane	ug/L	<1.0	50	50.9	102	83-151	
1,1-Dichloroethene	ug/L	<1.0	50	48.2	96	45-146	
1,1-Dichloropropene	ug/L	<1.0	50	49.8	100	59-127	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	32.6	65	67-103	CL,M1
1,2,3-Trichloropropane	ug/L	<1.0	50	49.7	99	71-123	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	38.4	77	66-116	CL
1,2,4-Trimethylbenzene	ug/L	<1.0	50	45.8	92	68-116	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	49.1	98	74-119	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	47.1	94	83-115	
1,2-Dichlorobenzene	ug/L	<1.0	50	45.9	92	74-113	
1,2-Dichloroethane	ug/L	<1.0	50	47.7	95	74-129	
1,2-Dichloropropane	ug/L	<1.0	50	47.9	96	75-117	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	46.0	92	67-116	
1,3-Dichlorobenzene	ug/L	<1.0	50	45.2	90	71-112	
1,3-Dichloropropane	ug/L	<1.0	50	48.8	98	74-112	
1,4-Dichlorobenzene	ug/L	<1.0	50	45.3	91	71-113	
2,2-Dichloropropane	ug/L	<1.0	50	43.6	87	63-133	
2-Butanone (MEK)	ug/L	<5.0	50	41.3	83	44-162	IL
2-Chlorotoluene	ug/L	<1.0	50	48.7	97	74-101	
2-Hexanone	ug/L	<5.0	50	41.3	83	32-183	
4-Chlorotoluene	ug/L	<1.0	50	49.8	100	74-101	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	47.3	95	69-132	
Acetone	ug/L	<5.0	50	30.9	57	23-188	
Benzene	ug/L	<1.0	50	48.1	96	73-119	
Bromobenzene	ug/L	<1.0	50	48.0	96	72-102	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

MATRIX SPIKE SAMPLE: 554680

Parameter	Units	7092292008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromochloromethane	ug/L	<1.0	50	46.3	93	81-116	
Bromodichloromethane	ug/L	<1.0	50	49.8	100	78-117	
Bromoform	ug/L	<1.0	50	42.7	85	65-122	
Bromomethane	ug/L	<1.0	50	45.0	90	52-147	
Carbon disulfide	ug/L	<1.0	50	49.9	100	41-144	
Carbon tetrachloride	ug/L	<1.0	50	50.5	101	59-120	
Chlorobenzene	ug/L	<1.0	50	45.9	92	75-113	
Chloroethane	ug/L	<1.0	50	48.7	97	49-151	
Chloroform	ug/L	<1.0	50	48.0	96	72-122	
Chloromethane	ug/L	<1.0	50	47.2	94	46-144	
cis-1,2-Dichloroethene	ug/L	2.8	50	51.8	98	72-121	
cis-1,3-Dichloropropene	ug/L	<1.0	50	47.9	96	78-116	
Dibromochloromethane	ug/L	<1.0	50	50.8	102	70-120	
Dibromomethane	ug/L	<1.0	50	45.7	91	75-125	
Dichlorodifluoromethane	ug/L	<1.0	50	33.2	66	22-154	CL
Ethylbenzene	ug/L	<1.0	50	46.1	92	70-113	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	37.1	74	59-121	CL
Isopropylbenzene (Cumene)	ug/L	<1.0	50	47.3	95	67-115	
m&p-Xylene	ug/L	<2.0	100	89.2	89	72-115	
Methyl-tert-butyl ether	ug/L	<1.0	50	47.6	95	72-131	
Methylene Chloride	ug/L	<1.0	50	47.1	94	61-142	
n-Butylbenzene	ug/L	<1.0	50	45.6	91	73-107	
n-Propylbenzene	ug/L	<1.0	50	48.1	96	68-116	
Naphthalene	ug/L	<1.0	50	34.3	69	70-118	CL,M0
o-Xylene	ug/L	<1.0	50	42.9	86	73-117	
p-Isopropyltoluene	ug/L	<1.0	50	44.5	89	73-101	
sec-Butylbenzene	ug/L	<1.0	50	47.2	94	72-103	
Styrene	ug/L	<1.0	50	43.9	88	72-118	
tert-Butylbenzene	ug/L	<1.0	50	45.3	91	68-100	
Tetrachloroethene	ug/L	<1.0	50	40.3	81	60-128	
Toluene	ug/L	<1.0	50	47.4	95	72-119	
trans-1,2-Dichloroethene	ug/L	<1.0	50	50.2	100	56-142	
trans-1,3-Dichloropropene	ug/L	<1.0	50	47.4	95	79-116	
Trichloroethene	ug/L	<1.0	50	47.2	94	69-117	
Trichlorofluoromethane	ug/L	<1.0	50	47.5	95	27-173	
Vinyl acetate	ug/L	<1.0	50	47.8	96	20-158	
Vinyl chloride	ug/L	8.8	50	57.9	98	43-143	
Xylene (Total)	ug/L	<3.0	150	132	88	71-109	
1,2-Dichloroethane-d4 (S)	%				99	68-153	
4-Bromofluorobenzene (S)	%				97	79-124	
Toluene-d8 (S)	%				99	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

SAMPLE DUPLICATE: 554679

Parameter	Units	7092292004 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,1-Trichloroethane	ug/L	<1.0	<1.0		
1,1,2,2-Tetrachloroethane	ug/L	<1.0	<1.0		
1,1,2-Trichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethane	ug/L	<1.0	<1.0		
1,1-Dichloroethene	ug/L	<1.0	<1.0		
1,1-Dichloropropene	ug/L	<1.0	<1.0		
1,2,3-Trichlorobenzene	ug/L	<1.0	<1.0		CL
1,2,3-Trichloropropane	ug/L	<1.0	<1.0		
1,2,4-Trichlorobenzene	ug/L	<1.0	<1.0		CL
1,2,4-Trimethylbenzene	ug/L	<1.0	<1.0		
1,2-Dibromo-3-chloropropane	ug/L	<1.0	<1.0		
1,2-Dibromoethane (EDB)	ug/L	<1.0	<1.0		
1,2-Dichlorobenzene	ug/L	<1.0	<1.0		
1,2-Dichloroethane	ug/L	<1.0	<1.0		
1,2-Dichloropropane	ug/L	<1.0	<1.0		
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
1,3-Dichlorobenzene	ug/L	<1.0	<1.0		
1,3-Dichloropropane	ug/L	<1.0	<1.0		
1,4-Dichlorobenzene	ug/L	<1.0	<1.0		
2,2-Dichloropropane	ug/L	<1.0	<1.0		
2-Butanone (MEK)	ug/L	<5.0	<5.0		IL
2-Chlorotoluene	ug/L	<1.0	<1.0		
2-Hexanone	ug/L	<5.0	<5.0		
4-Chlorotoluene	ug/L	<1.0	<1.0		
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	<5.0		
Acetone	ug/L	<5.0	<5.0		
Benzene	ug/L	<1.0	<1.0		
Bromobenzene	ug/L	<1.0	<1.0		
Bromochloromethane	ug/L	<1.0	<1.0		
Bromodichloromethane	ug/L	<1.0	<1.0		
Bromoform	ug/L	<1.0	<1.0		
Bromomethane	ug/L	<1.0	<1.0		
Carbon disulfide	ug/L	<1.0	<1.0		
Carbon tetrachloride	ug/L	<1.0	<1.0		
Chlorobenzene	ug/L	<1.0	<1.0		
Chloroethane	ug/L	<1.0	<1.0		
Chloroform	ug/L	<1.0	<1.0		
Chloromethane	ug/L	<1.0	<1.0		
cis-1,2-Dichloroethene	ug/L	3.6	3.9	8	
cis-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Dibromochloromethane	ug/L	<1.0	<1.0		
Dibromomethane	ug/L	<1.0	<1.0		
Dichlorodifluoromethane	ug/L	<1.0	<1.0		CL
Ethylbenzene	ug/L	<1.0	<1.0		
Hexachloro-1,3-butadiene	ug/L	<1.0	<1.0		CL
Isopropylbenzene (Cumene)	ug/L	<1.0	<1.0		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

SAMPLE DUPLICATE: 554679

Parameter	Units	7092292004 Result	Dup Result	RPD	Qualifiers
m&p-Xylene	ug/L	<2.0	<2.0		
Methyl-tert-butyl ether	ug/L	<1.0	<1.0		
Methylene Chloride	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	<1.0	<1.0		
n-Propylbenzene	ug/L	<1.0	<1.0		
Naphthalene	ug/L	<1.0	<1.0		CL
o-Xylene	ug/L	<1.0	<1.0		
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
Styrene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		
Tetrachloroethene	ug/L	<1.0	<1.0		
Toluene	ug/L	<1.0	<1.0		
trans-1,2-Dichloroethene	ug/L	<1.0	<1.0		
trans-1,3-Dichloropropene	ug/L	<1.0	<1.0		
Trichloroethene	ug/L	<1.0	<1.0		
Trichlorofluoromethane	ug/L	<1.0	<1.0		
Vinyl acetate	ug/L	<1.0	<1.0		
Vinyl chloride	ug/L	<1.0	<1.0		
Xylene (Total)	ug/L	<3.0	<3.0		
1,2-Dichloroethane-d4 (S)	%	99	103		
4-Bromofluorobenzene (S)	%	95	94		
Toluene-d8 (S)	%	99	99		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 117087 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

METHOD BLANK: 554368 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008, 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	06/10/19 20:01	
Sulfate	mg/L	<5.0	5.0	06/10/19 20:01	

LABORATORY CONTROL SAMPLE: 554369

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	9.6	96	90-110	
Sulfate	mg/L	10	9.5	95	90-110	

MATRIX SPIKE SAMPLE: 554370

Parameter	Units	7091003001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	5.7	10	15.8	101	80-120	
Sulfate	mg/L	<5.0	10	11.4	91	80-120	

MATRIX SPIKE SAMPLE: 554372

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1320	1000	2330	100	80-120	
Sulfate	mg/L	248	100	354	106	80-120	

SAMPLE DUPLICATE: 554371

Parameter	Units	7091003001 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	5.7	5.7	0	
Sulfate	mg/L	<5.0	<5.0		

SAMPLE DUPLICATE: 554373

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1320	1320	0	
Sulfate	mg/L	248	246	1	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116677 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

METHOD BLANK: 551551 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	06/06/19 18:26	

LABORATORY CONTROL SAMPLE: 551552

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	1.1	105	90-110	

MATRIX SPIKE SAMPLE: 551553

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.48	96	90-110	

MATRIX SPIKE SAMPLE: 551555

Parameter	Units	7092227001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.48	97	90-110	

SAMPLE DUPLICATE: 551554

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

SAMPLE DUPLICATE: 551556

Parameter	Units	7092227001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116679 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 7092292009, 7092292010, 7092292011

METHOD BLANK: 551574 Matrix: Water
Associated Lab Samples: 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	06/06/19 19:01	

LABORATORY CONTROL SAMPLE: 551575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	1	0.96	96	90-110	

MATRIX SPIKE SAMPLE: 551576

Parameter	Units	7092317001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	0.37	0.5	0.90	105	90-110	

MATRIX SPIKE SAMPLE: 551578

Parameter	Units	7092197001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.32	63	90-110	M1

SAMPLE DUPLICATE: 551577

Parameter	Units	7092317001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	0.37	0.37	0	

SAMPLE DUPLICATE: 551579

Parameter	Units	7092197001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116692 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

METHOD BLANK: 551938 Matrix: Water
Associated Lab Samples: 7092292001, 7092292002, 7092292003, 7092292004, 7092292005, 7092292006, 7092292007, 7092292008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	06/06/19 21:44	

LABORATORY CONTROL SAMPLE: 551939

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

MATRIX SPIKE SAMPLE: 551940

Parameter	Units	7092292006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.099	0.5	0.65	110	90-110	

MATRIX SPIKE SAMPLE: 551942

Parameter	Units	7092227001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	7.4	5	12.5	102	90-110	

SAMPLE DUPLICATE: 551941

Parameter	Units	7092292006 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	0.099	0.10	4	

SAMPLE DUPLICATE: 551943

Parameter	Units	7092227001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	7.4	7.7	4	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

QC Batch: 116693 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 7092292009, 7092292010, 7092292011

METHOD BLANK: 551956 Matrix: Water
Associated Lab Samples: 7092292009, 7092292010, 7092292011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	06/06/19 22:20	

LABORATORY CONTROL SAMPLE: 551957

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	102	90-110	

MATRIX SPIKE SAMPLE: 551958

Parameter	Units	7092203001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	2.9	5	8.2	106	90-110	

MATRIX SPIKE SAMPLE: 551960

Parameter	Units	7092197001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.7	5	11.4	95	90-110	

SAMPLE DUPLICATE: 551959

Parameter	Units	7092203001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	2.9	2.9	3	

SAMPLE DUPLICATE: 551961

Parameter	Units	7092197001 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	6.7	6.5	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

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: 7092292001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292003
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292005
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292006
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292007
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292009
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292010
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 7092292011
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

SAMPLE QUALIFIERS

Sample: 7092292012
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 554547
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 554548
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

ANALYTE QUALIFIERS

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.
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.
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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7092292001	MW-19	EPA 200.7	116837	EPA 200.7	116852
7092292002	MW-46	EPA 200.7	116837	EPA 200.7	116852
7092292003	MW-62	EPA 200.7	116837	EPA 200.7	116852
7092292004	MW-64S	EPA 200.7	116837	EPA 200.7	116852
7092292005	MW-64D	EPA 200.7	116837	EPA 200.7	116852
7092292006	MW-65	EPA 200.7	116837	EPA 200.7	116852
7092292007	MW-67	EPA 200.7	116837	EPA 200.7	116852
7092292008	MW-68	EPA 200.7	116837	EPA 200.7	116852
7092292009	MW-70S	EPA 200.7	116837	EPA 200.7	116852
7092292010	MW-70D	EPA 200.7	116837	EPA 200.7	116852
7092292011	DUP X	EPA 200.7	116837	EPA 200.7	116852
7092292001	MW-19	EPA 8260C/5030C	116891		
7092292002	MW-46	EPA 8260C/5030C	116891		
7092292003	MW-62	EPA 8260C/5030C	116891		
7092292004	MW-64S	EPA 8260C/5030C	117108		
7092292005	MW-64D	EPA 8260C/5030C	116891		
7092292006	MW-65	EPA 8260C/5030C	116891		
7092292007	MW-67	EPA 8260C/5030C	116891		
7092292008	MW-68	EPA 8260C/5030C	117108		
7092292009	MW-70S	EPA 8260C/5030C	116891		
7092292010	MW-70D	EPA 8260C/5030C	116891		
7092292011	DUP X	EPA 8260C/5030C	116891		
7092292012	TRIP BLANK	EPA 8260C/5030C	116891		
7092292001	MW-19	EPA 300.0	117087		
7092292002	MW-46	EPA 300.0	117087		
7092292003	MW-62	EPA 300.0	117087		
7092292004	MW-64S	EPA 300.0	117087		
7092292005	MW-64D	EPA 300.0	117087		
7092292006	MW-65	EPA 300.0	117087		
7092292007	MW-67	EPA 300.0	117087		
7092292008	MW-68	EPA 300.0	117087		
7092292009	MW-70S	EPA 300.0	117087		
7092292010	MW-70D	EPA 300.0	117087		
7092292011	DUP X	EPA 300.0	117087		
7092292001	MW-19	EPA 353.2	116692		
7092292002	MW-46	EPA 353.2	116692		
7092292003	MW-62	EPA 353.2	116692		
7092292004	MW-64S	EPA 353.2	116692		
7092292005	MW-64D	EPA 353.2	116692		
7092292006	MW-65	EPA 353.2	116692		
7092292007	MW-67	EPA 353.2	116692		
7092292008	MW-68	EPA 353.2	116692		
7092292009	MW-70S	EPA 353.2	116693		
7092292010	MW-70D	EPA 353.2	116693		
7092292011	DUP X	EPA 353.2	116693		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q2) 6/5
Pace Project No.: 7092292

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
7092292001	**MW-19**	EPA 353.2	116677		
7092292002	**MW-46**	EPA 353.2	116677		
7092292003	**MW-62**	EPA 353.2	116677		
7092292004	**MW-64S**	EPA 353.2	116677		
7092292005	**MW-64D**	EPA 353.2	116677		
7092292006	**MW-65**	EPA 353.2	116677		
7092292007	**MW-67**	EPA 353.2	116677		
7092292008	**MW-68**	EPA 353.2	116677		
7092292009	**MW-70S**	EPA 353.2	116679		
7092292010	**MW-70D**	EPA 353.2	116679		
7092292011	**DUP X**	EPA 353.2	116679		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical

WO#:7092292

7092292

Workorder Number or MTJL Log-

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

B USE ONLY

Company: BARTON & LOGUIDICE

Billing Information: PO: 1368.001.004

Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205

Report To: ANDY BARBER

Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Copy To: CORINNE STEINMULLER

Site Collection Info/Address: SCHENECTADY, NY 12308

Customer Project Name/Number: ALCO QUARTERLY GW (Q2)

State NY County/City SCHENECTADY Time Zone Collected EST

Container Preservative Type **

3	U	1					

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

Lab Project Manager: JOHN.STANTON@PACELABS.COM

Phone: (518)218-1801
Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM

Site/Facility ID #

Compliance Monitoring? [ ] Yes [ ] No

C. STEINMULLER

Purchase Order #

DW PWS ID #:

Quote #

DW Location Code #:

Collected by (signature):

Turnaround Date Required: 2 WEEK

Immediately Packed on Ice? [ ] Yes [ ] No

Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive _____ [ ] Hold _____

RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply)

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:_____

* 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)

Customer Sample ID	Matrix*	Comp/ Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	SULFATE	CHLORIDE	NITRATE	TOTAL HARDNESS	MS/MSD					↓ LAB USE ONLY: ↓
MW-19	WW	G	6/5/19		***	***		5	X	X	X	X	X						001
MW-46	WW	G		1042	***	***		5	X	X	X	X	X						002
MW-62	WW	G		924	***	***		5	X	X	X	X	X						003
MW-64S	WW	G		853	***	***		5	X	X	X	X	X						004
MW-64D	WW	G		910	***	***		5	X	X	X	X	X						005
MW-65 (MS/MSD)	WW	G		819	***	***		11	X	X	X	X	X	X					006
MW-67	WW	G		1005	***	***		5	X	X	X	X	X						007
MW-68	WW	G		948	***	***		5	X	X	X	X	X						008
MW-70S	WW	G		1106	***	***		5	X	X	X	X	X						009
MW-70D	WW	G		1124	***	***		5	X	X	X	X	X						010
DUP X	WW	G		—	***	***		5	X	X	X	X	X						DUP
TRIP BLANK	TB	G		—	***	***		2	X	X	X	X	X						TRIP

Analyses

LAB Profile/Line:

LAB Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples received on ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in holding time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: HC965463			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

Customer Remarks/ Special Conditions/ Possible Hazards:

Type of Ice Used: Wet [ ] Blue [ ] Dry [ ] None [ ]

SHORT HOLDS PRESENT (< 72 hours): Y N N/A

Packing Material Used: BB/Bag/Zplc

LAB Tracking #: 4757 4090 8280

Samples received via: FEDEX [ ] UPS [ ] Client [ ] Courier [ ] Pace Courier [ ]

MTJL LAB USE ONLY

Table #:

ACCT #:

Template:

Prelogin:

PM:

PB:

LAB Sample Temperature Info:
Temp Blank received: Y N NA
Therm ID #: T1
Cooler 1 Temp Upon Receipt 4.6 oC
Cooler 1 Therm Corr. Factor 0.0 oC
Cooler 1 Corrected Temp 4.6 oC
Comments:
Trip Blank Received: Y N N/A
HCL MeOH TSP Other

NonConformance(s): YES / NO

Page 1 of 1

Relinquished by/Company : (Signature)	Date/Time:	Received by/Company : (Signature)	Date/Time:
B+L	6/5/19 - 1135	PACE	6/5/19 11:35
PACE	6/5/19 1600	UPS Fedex	
			6/6/19 11:00

Page 50 of 51

F-ALL-C-010-rev.00, 05Jul2018

Pace Analytical
www.pacelabs.com

Sample Receiving Non-Conformance Form (NCF)

Date: 6/6/19	Evaluated by: SCK
Client: B&L	

WO#: 7092292
PM: JDS Due Date: 06/12/19
CLIENT: B&L

1. If Chain-of-Custody (COC) is not received: contact client and if necessary, fill out a COC and indicate that it was filled out by lab personnel. Note issues on this NCF.

2. If COC is incomplete, check applicable issues below and add details where appropriate:

X	Collection date/time missing or incorrect		Analyses or analytes: missing or clarification needed	X	Samples listed on COC do not match samples received (missing, additional, etc.)
	Sample IDs on COC do not match sample labels		Required trip blanks were not received		Required signatures are missing

Comments/Details/Other Issues not listed above:
COC says Trip Blank requires all analysis; Client only provided bottles for VOC 8260; logged for bottles received

3. Sample integrity issues: check applicable issues below and add details where appropriate:

	Samples: Past holding time		Samples: Condition needs to be brought to lab personnel's attention (details below)		Preservation: Improper
	Samples: Not field filtered		Containers: Broken or compromised		Temperature: not within acceptance criteria (typicall 0-6C)
	Samples: Insufficient volume received		Containers: Incorrect		Temperature: Samples arrived frozen
	Samples: Cooler damaged or compromised		Custody Seals: Missing or compromised on samples, trip blanks or coolers		Vials received with improper headspace
	Samples: contain chlorine or sulfides		Packing Material: Insufficient/Improper		Other:

Comments/Details:
Client did not provide time of collection for sample 001 Sample ID "MW-19" on COC nor bottles

4. If Samples not preserved properly and Sample Receiving adjusts pH, add details below:

Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:
Sample ID:	Date/Time:	Amount/type pres added:
Preserved by:	Initial and Final pH:	Lot # of pres added:

5. Client Contact: If client is contacted for any issue listed above, fill in details below:

Client:	Contacted per:	
PM Initials:	Date/Time:	

Client Comments/Instructions:

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

September 20, 2019

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

RE: Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Dear Corinne Steinmuller:
Enclosed are the analytical results for sample(s) received by the laboratory on September 13, 2019. 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,

John D. Stanton
john.stanton@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Andy Barber, B&L

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

CERTIFICATIONS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Long Island Certification IDs

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-19 **Lab ID: 70104827001** Collected: 09/12/19 09:10 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**373000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:09		
Calcium	**149000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:09	7440-70-2	
Hardness, Magnesium	**60100**	ug/L	830	1	09/18/19 10:51	09/18/19 21:09		N3
Magnesium	**14600**	ug/L	200	1	09/18/19 10:51	09/18/19 21:09	7439-95-4	
Potassium	**20300**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:09	7440-09-7	
Sodium	**335000**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:09	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**433000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:09		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 12:56	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 12:56	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 12:56	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 12:56	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 12:56	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 12:56	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-19 **Lab ID: 70104827001** Collected: 09/12/19 09:10 Received: 09/13/19 10:45 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		09/16/19 12:56	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 12:56	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 12:56	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	100-42-5	
Tetrachloroethene	**719**	ug/L	10.0	10		09/16/19 13:57	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-88-3	
Trichloroethene	**118**	ug/L	1.0	1		09/16/19 12:56	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:56	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 12:56	108-05-4	
Vinyl chloride	**4.9**	ug/L	1.0	1		09/16/19 12:56	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 12:56	1330-20-7	
cis-1,2-Dichloroethene	**239**	ug/L	10.0	10		09/16/19 13:57	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 12:56	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	98-06-6	L1
trans-1,2-Dichloroethene	**10.8**	ug/L	1.0	1		09/16/19 12:56	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:56	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%	68-153	1		09/16/19 12:56	17060-07-0	
4-Bromofluorobenzene (S)	88	%	79-124	1		09/16/19 12:56	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		09/16/19 12:56	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**564**	mg/L	100	50		09/20/19 07:26	16887-00-6	
Sulfate	**70.9**	mg/L	50.0	10		09/17/19 23:27	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.36**	mg/L	0.050	1		09/14/19 09:45	14797-55-8	
Nitrate-Nitrite (as N)	**0.36**	mg/L	0.050	1		09/14/19 09:45	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:23	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-46 **Lab ID: 70104827002** Collected: 09/12/19 09:18 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**622000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:37		
Calcium	**249000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:37	7440-70-2	
Hardness, Magnesium	**131000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:37		N3
Magnesium	**31900**	ug/L	200	1	09/18/19 10:51	09/18/19 21:37	7439-95-4	
Potassium	**12800**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:37	7440-09-7	
Sodium	**1310000**	ug/L	50000	10	09/18/19 10:51	09/19/19 12:43	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**753000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:37		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	630-20-6	
1,1,1-Trichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	71-55-6	
1,1,2,2-Tetrachloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	79-34-5	
1,1,2-Trichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	79-00-5	
1,1-Dichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-34-3	
1,1-Dichloroethene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-35-4	CL
1,1-Dichloropropene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	563-58-6	
1,2,3-Trichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	87-61-6	
1,2,3-Trichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	96-18-4	
1,2,4-Trichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	120-82-1	
1,2,4-Trimethylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-63-6	
1,2-Dibromo-3-chloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	96-12-8	
1,2-Dibromoethane (EDB)	**<50.0**	ug/L	50.0	50		09/16/19 13:38	106-93-4	
1,2-Dichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-50-1	
1,2-Dichloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	107-06-2	
1,2-Dichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	78-87-5	
1,3,5-Trimethylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-67-8	
1,3-Dichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	541-73-1	
1,3-Dichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	142-28-9	
1,4-Dichlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	106-46-7	
2,2-Dichloropropane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	594-20-7	
2-Butanone (MEK)	**<250**	ug/L	250	50		09/16/19 13:38	78-93-3	
2-Chlorotoluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-49-8	L1
2-Hexanone	**<250**	ug/L	250	50		09/16/19 13:38	591-78-6	
4-Chlorotoluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<250**	ug/L	250	50		09/16/19 13:38	108-10-1	
Acetone	**<250**	ug/L	250	50		09/16/19 13:38	67-64-1	
Benzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	71-43-2	
Bromobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-86-1	L1
Bromochloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-97-5	
Bromodichloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-27-4	
Bromoform	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-25-2	
Bromomethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-83-9	
Carbon disulfide	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-15-0	
Carbon tetrachloride	**<50.0**	ug/L	50.0	50		09/16/19 13:38	56-23-5	
Chlorobenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-90-7	
Chloroethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-46 **Lab ID: 70104827002** Collected: 09/12/19 09:18 Received: 09/13/19 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Chloroform	**<50.0**	ug/L	50.0	50		09/16/19 13:38	67-66-3	
Chloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-87-3	
Dibromochloromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	124-48-1	
Dibromomethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	74-95-3	
Dichlorodifluoromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-71-8	CL
Ethylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	100-41-4	
Hexachloro-1,3-butadiene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	87-68-3	
Isopropylbenzene (Cumene)	**<50.0**	ug/L	50.0	50		09/16/19 13:38	98-82-8	
Methyl-tert-butyl ether	**<50.0**	ug/L	50.0	50		09/16/19 13:38	1634-04-4	
Methylene Chloride	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-09-2	
Naphthalene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	91-20-3	
Styrene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	100-42-5	
Tetrachloroethene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	127-18-4	
Toluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-88-3	
Trichloroethene	**219**	ug/L	50.0	50		09/16/19 13:38	79-01-6	
Trichlorofluoromethane	**<50.0**	ug/L	50.0	50		09/16/19 13:38	75-69-4	CL
Vinyl acetate	**<50.0**	ug/L	50.0	50		09/16/19 13:38	108-05-4	
Vinyl chloride	**173**	ug/L	50.0	50		09/16/19 13:38	75-01-4	
Xylene (Total)	**<150**	ug/L	150	50		09/16/19 13:38	1330-20-7	
cis-1,2-Dichloroethene	**3440**	ug/L	50.0	50		09/16/19 13:38	156-59-2	
cis-1,3-Dichloropropene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	10061-01-5	
m&p-Xylene	**<100**	ug/L	100	50		09/16/19 13:38	179601-23-1	
n-Butylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	104-51-8	L1
n-Propylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	103-65-1	
o-Xylene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	95-47-6	
p-Isopropyltoluene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	99-87-6	L1
sec-Butylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	135-98-8	L1
tert-Butylbenzene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	98-06-6	L1
trans-1,2-Dichloroethene	**147**	ug/L	50.0	50		09/16/19 13:38	156-60-5	
trans-1,3-Dichloropropene	**<50.0**	ug/L	50.0	50		09/16/19 13:38	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	96	%	68-153	50		09/16/19 13:38	17060-07-0	
4-Bromofluorobenzene (S)	86	%	79-124	50		09/16/19 13:38	460-00-4	
Toluene-d8 (S)	101	%	69-124	50		09/16/19 13:38	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**2620**	mg/L	200	100		09/18/19 00:00	16887-00-6	
Sulfate	**215**	mg/L	50.0	10		09/17/19 23:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:46	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:46	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:24	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-62 **Lab ID: 70104827003** Collected: 09/12/19 08:10 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**477000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:43		
Calcium	**191000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:43	7440-70-2	
Hardness, Magnesium	**101000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:43		N3
Magnesium	**24400**	ug/L	200	1	09/18/19 10:51	09/18/19 21:43	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:43	7440-09-7	
Sodium	**181000**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:43	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**578000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:43		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 17:28	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 17:28	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 17:28	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 17:28	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 17:28	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 17:28	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-62 **Lab ID: 70104827003** Collected: 09/12/19 08:10 Received: 09/13/19 10:45 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		09/16/19 17:28	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 17:28	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 17:28	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:28	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 17:28	108-05-4	
Vinyl chloride	**14.1**	ug/L	1.0	1		09/16/19 17:28	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 17:28	1330-20-7	
cis-1,2-Dichloroethene	**76.8**	ug/L	1.0	1		09/16/19 17:28	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 17:28	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	98-06-6	L1
trans-1,2-Dichloroethene	**4.4**	ug/L	1.0	1		09/16/19 17:28	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:28	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%	68-153	1		09/16/19 17:28	17060-07-0	
4-Bromofluorobenzene (S)	83	%	79-124	1		09/16/19 17:28	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		09/16/19 17:28	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**247**	mg/L	20.0	10		09/18/19 00:17	16887-00-6	
Sulfate	**43.8**	mg/L	5.0	1		09/20/19 07:43	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:47	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:47	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:25	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64S **Lab ID: 70104827004** Collected: 09/12/19 07:47 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**342000**	ug/L	500	1	09/18/19 10:51	09/18/19 21:59		
Calcium	**137000**	ug/L	200	1	09/18/19 10:51	09/18/19 21:59	7440-70-2	
Hardness, Magnesium	**75100**	ug/L	830	1	09/18/19 10:51	09/18/19 21:59		N3
Magnesium	**18200**	ug/L	200	1	09/18/19 10:51	09/18/19 21:59	7439-95-4	
Potassium	**8820**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:59	7440-09-7	
Sodium	**46200**	ug/L	5000	1	09/18/19 10:51	09/18/19 21:59	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**417000**	ug/L	830	1	09/18/19 10:51	09/18/19 21:59		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 14:36	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 14:36	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 14:36	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 14:36	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 14:36	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 14:36	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64S **Lab ID: 70104827004** Collected: 09/12/19 07:47 Received: 09/13/19 10:45 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		09/16/19 14:36	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 14:36	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 14:36	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 14:36	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:36	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 14:36	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 14:36	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:36	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	99	%	68-153	1		09/16/19 14:36	17060-07-0	
4-Bromofluorobenzene (S)	86	%	79-124	1		09/16/19 14:36	460-00-4	
Toluene-d8 (S)	98	%	69-124	1		09/16/19 14:36	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**153**	mg/L	10.0	5		09/18/19 01:07	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/18/19 00:50	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:48	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:48	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:26	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64D **Lab ID: 70104827005** Collected: 09/12/19 08:01 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**787000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:04		
Calcium	**315000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:04	7440-70-2	
Hardness, Magnesium	**218000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:04		N3
Magnesium	**52900**	ug/L	200	1	09/18/19 10:51	09/18/19 22:04	7439-95-4	
Potassium	**6830**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:04	7440-09-7	
Sodium	**442000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:04	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**1000000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:04		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	630-20-6	
1,1,1-Trichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	71-55-6	
1,1,2,2-Tetrachloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	79-34-5	
1,1,2-Trichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	79-00-5	
1,1-Dichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-34-3	
1,1-Dichloroethene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-35-4	CL
1,1-Dichloropropene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	563-58-6	
1,2,3-Trichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	87-61-6	
1,2,3-Trichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	96-18-4	
1,2,4-Trichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	120-82-1	
1,2,4-Trimethylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-63-6	
1,2-Dibromo-3-chloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	96-12-8	
1,2-Dibromoethane (EDB)	**<10.0**	ug/L	10.0	10		09/16/19 15:53	106-93-4	
1,2-Dichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-50-1	
1,2-Dichloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	107-06-2	
1,2-Dichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	78-87-5	
1,3,5-Trimethylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-67-8	
1,3-Dichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	541-73-1	
1,3-Dichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	142-28-9	
1,4-Dichlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	106-46-7	
2,2-Dichloropropane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	594-20-7	
2-Butanone (MEK)	**<50.0**	ug/L	50.0	10		09/16/19 15:53	78-93-3	
2-Chlorotoluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-49-8	L1
2-Hexanone	**<50.0**	ug/L	50.0	10		09/16/19 15:53	591-78-6	
4-Chlorotoluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<50.0**	ug/L	50.0	10		09/16/19 15:53	108-10-1	
Acetone	**<50.0**	ug/L	50.0	10		09/16/19 15:53	67-64-1	
Benzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	71-43-2	
Bromobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-86-1	L1
Bromochloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-97-5	
Bromodichloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-27-4	
Bromoform	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-25-2	
Bromomethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-83-9	
Carbon disulfide	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-15-0	
Carbon tetrachloride	**<10.0**	ug/L	10.0	10		09/16/19 15:53	56-23-5	
Chlorobenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-90-7	
Chloroethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-64D **Lab ID: 70104827005** Collected: 09/12/19 08:01 Received: 09/13/19 10:45 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		09/16/19 15:53	67-66-3	
Chloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-87-3	
Dibromochloromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	124-48-1	
Dibromomethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	74-95-3	
Dichlorodifluoromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-71-8	CL
Ethylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	100-41-4	
Hexachloro-1,3-butadiene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	87-68-3	
Isopropylbenzene (Cumene)	**<10.0**	ug/L	10.0	10		09/16/19 15:53	98-82-8	
Methyl-tert-butyl ether	**<10.0**	ug/L	10.0	10		09/16/19 15:53	1634-04-4	
Methylene Chloride	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-09-2	
Naphthalene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	91-20-3	
Styrene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	100-42-5	
Tetrachloroethene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	127-18-4	
Toluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-88-3	
Trichloroethene	**248**	ug/L	10.0	10		09/16/19 15:53	79-01-6	
Trichlorofluoromethane	**<10.0**	ug/L	10.0	10		09/16/19 15:53	75-69-4	CL
Vinyl acetate	**<10.0**	ug/L	10.0	10		09/16/19 15:53	108-05-4	
Vinyl chloride	**59.9**	ug/L	10.0	10		09/16/19 15:53	75-01-4	
Xylene (Total)	**<30.0**	ug/L	30.0	10		09/16/19 15:53	1330-20-7	
cis-1,2-Dichloroethene	**813**	ug/L	10.0	10		09/16/19 15:53	156-59-2	
cis-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	10061-01-5	
m&p-Xylene	**<20.0**	ug/L	20.0	10		09/16/19 15:53	179601-23-1	
n-Butylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	104-51-8	L1
n-Propylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	103-65-1	
o-Xylene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	95-47-6	
p-Isopropyltoluene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	99-87-6	L1
sec-Butylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	135-98-8	L1
tert-Butylbenzene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	98-06-6	L1
trans-1,2-Dichloroethene	**32.9**	ug/L	10.0	10		09/16/19 15:53	156-60-5	
trans-1,3-Dichloropropene	**<10.0**	ug/L	10.0	10		09/16/19 15:53	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	101	%	68-153	10		09/16/19 15:53	17060-07-0	
4-Bromofluorobenzene (S)	83	%	79-124	10		09/16/19 15:53	460-00-4	
Toluene-d8 (S)	99	%	69-124	10		09/16/19 15:53	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**946**	mg/L	200	100		09/18/19 02:14	16887-00-6	
Sulfate	**272**	mg/L	50.0	10		09/18/19 01:24	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:49	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:49	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:27	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-65 **Lab ID: 70104827006** Collected: 09/12/19 07:28 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**874000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:10		
Calcium	**350000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:10	7440-70-2	
Hardness, Magnesium	**287000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:10		N3
Magnesium	**69600**	ug/L	200	1	09/18/19 10:51	09/18/19 22:10	7439-95-4	
Potassium	**9470**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:10	7440-09-7	
Sodium	**719000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:10	7440-23-5	M1
Tot Hardness asCaCO3 (SM 2340B	**1160000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:10		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-34-3	
1,1-Dichloroethene	**1.3**	ug/L	1.0	1		09/16/19 14:17	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 14:17	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 14:17	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-49-8	L1,M0
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 14:17	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	106-43-4	L1,M0
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 14:17	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 14:17	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 14:17	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-65 **Lab ID: 70104827006** Collected: 09/12/19 07:28 Received: 09/13/19 10:45 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		09/16/19 14:17	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 14:17	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 14:17	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	91-20-3	M1
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	100-42-5	
Tetrachloroethene	**255**	ug/L	5.0	5		09/16/19 15:14	127-18-4	M1
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-88-3	
Trichloroethene	**170**	ug/L	1.0	1		09/16/19 14:17	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:17	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 14:17	108-05-4	
Vinyl chloride	**27.5**	ug/L	1.0	1		09/16/19 14:17	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 14:17	1330-20-7	
cis-1,2-Dichloroethene	**571**	ug/L	5.0	5		09/16/19 15:14	156-59-2	M1
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 14:17	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	104-51-8	L1,M0
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	99-87-6	L1,M0
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	135-98-8	L1,M0
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	98-06-6	L1,M0
trans-1,2-Dichloroethene	**19.3**	ug/L	1.0	1		09/16/19 14:17	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:17	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	95	%	68-153	1		09/16/19 14:17	17060-07-0	
4-Bromofluorobenzene (S)	86	%	79-124	1		09/16/19 14:17	460-00-4	
Toluene-d8 (S)	98	%	69-124	1		09/16/19 14:17	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1860**	mg/L	100	50		09/18/19 02:30	16887-00-6	
Sulfate	**274**	mg/L	250	50		09/18/19 02:30	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:51	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:51	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:28	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-67 **Lab ID: 70104827007** Collected: 09/12/19 08:35 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**620000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:33		
Calcium	**248000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:33	7440-70-2	
Hardness, Magnesium	**179000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:33		N3
Magnesium	**43400**	ug/L	200	1	09/18/19 10:51	09/18/19 22:33	7439-95-4	
Potassium	**9480**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:33	7440-09-7	
Sodium	**597000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:33	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**798000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:33		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	630-20-6	
1,1,1-Trichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	71-55-6	
1,1,2,2-Tetrachloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	79-34-5	
1,1,2-Trichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	79-00-5	
1,1-Dichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-34-3	
1,1-Dichloroethene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-35-4	CL
1,1-Dichloropropene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	563-58-6	
1,2,3-Trichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	87-61-6	
1,2,3-Trichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	96-18-4	
1,2,4-Trichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	120-82-1	
1,2,4-Trimethylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-63-6	
1,2-Dibromo-3-chloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	96-12-8	
1,2-Dibromoethane (EDB)	**<20.0**	ug/L	20.0	20		09/16/19 15:33	106-93-4	
1,2-Dichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-50-1	
1,2-Dichloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	107-06-2	
1,2-Dichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	78-87-5	
1,3,5-Trimethylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-67-8	
1,3-Dichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	541-73-1	
1,3-Dichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	142-28-9	
1,4-Dichlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	106-46-7	
2,2-Dichloropropane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	594-20-7	
2-Butanone (MEK)	**<100**	ug/L	100	20		09/16/19 15:33	78-93-3	
2-Chlorotoluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-49-8	L1
2-Hexanone	**<100**	ug/L	100	20		09/16/19 15:33	591-78-6	
4-Chlorotoluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<100**	ug/L	100	20		09/16/19 15:33	108-10-1	
Acetone	**<100**	ug/L	100	20		09/16/19 15:33	67-64-1	
Benzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	71-43-2	
Bromobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-86-1	L1
Bromochloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-97-5	
Bromodichloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-27-4	
Bromoform	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-25-2	
Bromomethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-83-9	
Carbon disulfide	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-15-0	
Carbon tetrachloride	**<20.0**	ug/L	20.0	20		09/16/19 15:33	56-23-5	
Chlorobenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-90-7	
Chloroethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-67 **Lab ID: 70104827007** Collected: 09/12/19 08:35 Received: 09/13/19 10:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
Chloroform	**<20.0**	ug/L	20.0	20		09/16/19 15:33	67-66-3	
Chloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-87-3	
Dibromochloromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	124-48-1	
Dibromomethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	74-95-3	
Dichlorodifluoromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-71-8	CL
Ethylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	100-41-4	
Hexachloro-1,3-butadiene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	87-68-3	
Isopropylbenzene (Cumene)	**<20.0**	ug/L	20.0	20		09/16/19 15:33	98-82-8	
Methyl-tert-butyl ether	**<20.0**	ug/L	20.0	20		09/16/19 15:33	1634-04-4	
Methylene Chloride	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-09-2	
Naphthalene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	91-20-3	
Styrene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	100-42-5	
Tetrachloroethene	**102**	ug/L	20.0	20		09/16/19 15:33	127-18-4	
Toluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-88-3	
Trichloroethene	**148**	ug/L	20.0	20		09/16/19 15:33	79-01-6	
Trichlorofluoromethane	**<20.0**	ug/L	20.0	20		09/16/19 15:33	75-69-4	CL
Vinyl acetate	**<20.0**	ug/L	20.0	20		09/16/19 15:33	108-05-4	
Vinyl chloride	**304**	ug/L	20.0	20		09/16/19 15:33	75-01-4	
Xylene (Total)	**<60.0**	ug/L	60.0	20		09/16/19 15:33	1330-20-7	
cis-1,2-Dichloroethene	**2220**	ug/L	20.0	20		09/16/19 15:33	156-59-2	
cis-1,3-Dichloropropene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	10061-01-5	
m&p-Xylene	**<40.0**	ug/L	40.0	20		09/16/19 15:33	179601-23-1	
n-Butylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	104-51-8	L1
n-Propylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	103-65-1	
o-Xylene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	95-47-6	
p-Isopropyltoluene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	99-87-6	L1
sec-Butylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	135-98-8	L1
tert-Butylbenzene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	98-06-6	L1
trans-1,2-Dichloroethene	**43.7**	ug/L	20.0	20		09/16/19 15:33	156-60-5	
trans-1,3-Dichloropropene	**<20.0**	ug/L	20.0	20		09/16/19 15:33	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	20		09/16/19 15:33	17060-07-0	
4-Bromofluorobenzene (S)	84	%	79-124	20		09/16/19 15:33	460-00-4	
Toluene-d8 (S)	98	%	69-124	20		09/16/19 15:33	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**1290**	mg/L	200	100		09/18/19 03:37	16887-00-6	
Sulfate	**141**	mg/L	25.0	5		09/18/19 03:21	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:54	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:54	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:34	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-68 **Lab ID: 70104827008** Collected: 09/12/19 08:25 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**411000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:39		
Calcium	**164000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:39	7440-70-2	
Hardness, Magnesium	**115000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:39		N3
Magnesium	**28000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:39	7439-95-4	
Potassium	**<5000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:39	7440-09-7	
Sodium	**131000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:39	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**526000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:39		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 17:09	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 17:09	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 17:09	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 17:09	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 17:09	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 17:09	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-68 **Lab ID: 70104827008** Collected: 09/12/19 08:25 Received: 09/13/19 10:45 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		09/16/19 17:09	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 17:09	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 17:09	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 17:09	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 17:09	108-05-4	
Vinyl chloride	**3.4**	ug/L	1.0	1		09/16/19 17:09	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 17:09	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 17:09	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 17:09	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%	68-153	1		09/16/19 17:09	17060-07-0	
4-Bromofluorobenzene (S)	85	%	79-124	1		09/16/19 17:09	460-00-4	
Toluene-d8 (S)	95	%	69-124	1		09/16/19 17:09	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**242**	mg/L	10.0	5		09/18/19 04:11	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/18/19 03:54	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 09:55	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 09:55	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:36	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70S **Lab ID: 70104827009** Collected: 09/12/19 09:25 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**491000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:44		
Calcium	**197000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:44	7440-70-2	
Hardness, Magnesium	**212000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:44		N3
Magnesium	**51500**	ug/L	200	1	09/18/19 10:51	09/18/19 22:44	7439-95-4	
Potassium	**5230**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:44	7440-09-7	
Sodium	**267000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:44	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**703000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:44		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 14:55	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 14:55	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 14:55	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 14:55	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 14:55	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 14:55	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70S **Lab ID: 70104827009** Collected: 09/12/19 09:25 Received: 09/13/19 10:45 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		09/16/19 14:55	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 14:55	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 14:55	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 14:55	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 14:55	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 14:55	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 14:55	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 14:55	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		09/16/19 14:55	17060-07-0	
4-Bromofluorobenzene (S)	85	%	79-124	1		09/16/19 14:55	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		09/16/19 14:55	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**640**	mg/L	100	50		09/18/19 04:44	16887-00-6	
Sulfate	**33.8**	mg/L	5.0	1		09/20/19 08:16	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**0.055**	mg/L	0.050	1		09/14/19 09:59	14797-55-8	
Nitrate-Nitrite (as N)	**0.055**	mg/L	0.050	1		09/14/19 09:59	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:37	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70D **Lab ID: 70104827010** Collected: 09/12/19 09:32 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**519000**	ug/L	500	1	09/18/19 10:51	09/18/19 22:50		
Calcium	**208000**	ug/L	200	1	09/18/19 10:51	09/18/19 22:50	7440-70-2	
Hardness, Magnesium	**151000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:50		N3
Magnesium	**36600**	ug/L	200	1	09/18/19 10:51	09/18/19 22:50	7439-95-4	
Potassium	**12300**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:50	7440-09-7	
Sodium	**156000**	ug/L	5000	1	09/18/19 10:51	09/18/19 22:50	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**670000**	ug/L	830	1	09/18/19 10:51	09/18/19 22:50		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	120-82-1	
1,2,4-Trimethylbenzene	**69.4**	ug/L	1.0	1		09/16/19 16:31	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 16:31	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	78-87-5	
1,3,5-Trimethylbenzene	**4.1**	ug/L	1.0	1		09/16/19 16:31	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 16:31	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 16:31	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 16:31	108-10-1	
Acetone	**7.6**	ug/L	5.0	1		09/16/19 16:31	67-64-1	
Benzene	**67.0**	ug/L	1.0	1		09/16/19 16:31	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 16:31	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-00-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: MW-70D **Lab ID: 70104827010** Collected: 09/12/19 09:32 Received: 09/13/19 10:45 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		09/16/19 16:31	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	87-68-3	
Isopropylbenzene (Cumene)	**8.9**	ug/L	1.0	1		09/16/19 16:31	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 16:31	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-09-2	
Naphthalene	**6.0**	ug/L	1.0	1		09/16/19 16:31	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:31	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 16:31	108-05-4	
Vinyl chloride	**1.8**	ug/L	1.0	1		09/16/19 16:31	75-01-4	
Xylene (Total)	**5.5**	ug/L	3.0	1		09/16/19 16:31	1330-20-7	
cis-1,2-Dichloroethene	**4.5**	ug/L	1.0	1		09/16/19 16:31	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	10061-01-5	
m&p-Xylene	**2.8**	ug/L	2.0	1		09/16/19 16:31	179601-23-1	
n-Butylbenzene	**1.8**	ug/L	1.0	1		09/16/19 16:31	104-51-8	L1
n-Propylbenzene	**12.7**	ug/L	1.0	1		09/16/19 16:31	103-65-1	
o-Xylene	**2.8**	ug/L	1.0	1		09/16/19 16:31	95-47-6	
p-Isopropyltoluene	**1.6**	ug/L	1.0	1		09/16/19 16:31	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:31	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	100	%	68-153	1		09/16/19 16:31	17060-07-0	
4-Bromofluorobenzene (S)	99	%	79-124	1		09/16/19 16:31	460-00-4	
Toluene-d8 (S)	97	%	69-124	1		09/16/19 16:31	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**239**	mg/L	20.0	10		09/18/19 05:51	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/18/19 05:34	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 10:00	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 10:00	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:38	14797-65-0	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: DUP X **Lab ID: 70104827011** Collected: 09/12/19 00:00 Received: 09/13/19 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							
Ca Hardness as CaCO3 (SM 2340B	**328000**	ug/L	500	1	09/18/19 10:51	09/18/19 23:06		
Calcium	**132000**	ug/L	200	1	09/18/19 10:51	09/18/19 23:06	7440-70-2	
Hardness, Magnesium	**74500**	ug/L	830	1	09/18/19 10:51	09/18/19 23:06		N3
Magnesium	**18100**	ug/L	200	1	09/18/19 10:51	09/18/19 23:06	7439-95-4	
Potassium	**9920**	ug/L	5000	1	09/18/19 10:51	09/18/19 23:06	7440-09-7	
Sodium	**47000**	ug/L	5000	1	09/18/19 10:51	09/18/19 23:06	7440-23-5	
Tot Hardness asCaCO3 (SM 2340B	**403000**	ug/L	830	1	09/18/19 10:51	09/18/19 23:06		
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C							
1,1,1,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 16:50	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 16:50	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 16:50	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 16:50	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 16:50	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 16:50	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-00-3	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: DUP X **Lab ID: 70104827011** Collected: 09/12/19 00:00 Received: 09/13/19 10:45 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		09/16/19 16:50	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 16:50	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 16:50	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-09-2	
Naphthalene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 16:50	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 16:50	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 16:50	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 16:50	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 16:50	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%	68-153	1		09/16/19 16:50	17060-07-0	
4-Bromofluorobenzene (S)	82	%	79-124	1		09/16/19 16:50	460-00-4	
Toluene-d8 (S)	93	%	69-124	1		09/16/19 16:50	2037-26-5	
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Chloride	**153**	mg/L	10.0	5		09/18/19 06:08	16887-00-6	
Sulfate	**<5.0**	mg/L	5.0	1		09/20/19 08:33	14808-79-8	
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2							
Nitrate as N	**<0.050**	mg/L	0.050	1		09/14/19 10:01	14797-55-8	
Nitrate-Nitrite (as N)	**<0.050**	mg/L	0.050	1		09/14/19 10:01	7727-37-9	H1
353.2 Nitrogen, NO2	Analytical Method: EPA 353.2							
Nitrite as N	**<0.050**	mg/L	0.050	1		09/14/19 08:39	14797-65-0	H1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: TRIP BLANK **Lab ID: 70104827012** Collected: 09/12/19 00:00 Received: 09/13/19 10:45 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		09/16/19 12:18	630-20-6	
1,1,1-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	79-34-5	
1,1,2-Trichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	79-00-5	
1,1-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-34-3	
1,1-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-35-4	CL
1,1-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	563-58-6	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	87-61-6	
1,2,3-Trichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	96-18-4	
1,2,4-Trichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	120-82-1	
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	96-12-8	
1,2-Dibromoethane (EDB)	**<1.0**	ug/L	1.0	1		09/16/19 12:18	106-93-4	
1,2-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-50-1	
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	107-06-2	
1,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	78-87-5	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-67-8	
1,3-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	541-73-1	
1,3-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	142-28-9	
1,4-Dichlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	106-46-7	
2,2-Dichloropropane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	594-20-7	
2-Butanone (MEK)	**<5.0**	ug/L	5.0	1		09/16/19 12:18	78-93-3	
2-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-49-8	L1
2-Hexanone	**<5.0**	ug/L	5.0	1		09/16/19 12:18	591-78-6	
4-Chlorotoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	106-43-4	L1
4-Methyl-2-pentanone (MIBK)	**<5.0**	ug/L	5.0	1		09/16/19 12:18	108-10-1	
Acetone	**<5.0**	ug/L	5.0	1		09/16/19 12:18	67-64-1	
Benzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	71-43-2	
Bromobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-86-1	L1
Bromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-97-5	
Bromodichloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-27-4	
Bromoform	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-25-2	
Bromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-83-9	
Carbon disulfide	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-15-0	
Carbon tetrachloride	**<1.0**	ug/L	1.0	1		09/16/19 12:18	56-23-5	
Chlorobenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-90-7	
Chloroethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-00-3	
Chloroform	**<1.0**	ug/L	1.0	1		09/16/19 12:18	67-66-3	
Chloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-87-3	
Dibromochloromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	124-48-1	
Dibromomethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	74-95-3	
Dichlorodifluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-71-8	CL
Ethylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	100-41-4	
Hexachloro-1,3-butadiene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	87-68-3	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		09/16/19 12:18	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		09/16/19 12:18	1634-04-4	
Methylene Chloride	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-09-2	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Sample: TRIP BLANK **Lab ID: 70104827012** Collected: 09/12/19 00:00 Received: 09/13/19 10:45 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		09/16/19 12:18	91-20-3	
Styrene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	100-42-5	
Tetrachloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	127-18-4	
Toluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-88-3	
Trichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	79-01-6	
Trichlorofluoromethane	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-69-4	CL
Vinyl acetate	**<1.0**	ug/L	1.0	1		09/16/19 12:18	108-05-4	
Vinyl chloride	**<1.0**	ug/L	1.0	1		09/16/19 12:18	75-01-4	
Xylene (Total)	**<3.0**	ug/L	3.0	1		09/16/19 12:18	1330-20-7	
cis-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	156-59-2	
cis-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	10061-01-5	
m&p-Xylene	**<2.0**	ug/L	2.0	1		09/16/19 12:18	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	104-51-8	L1
n-Propylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	99-87-6	L1
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	135-98-8	L1
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	98-06-6	L1
trans-1,2-Dichloroethene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	156-60-5	
trans-1,3-Dichloropropene	**<1.0**	ug/L	1.0	1		09/16/19 12:18	10061-02-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	68-153	1		09/16/19 12:18	17060-07-0	
4-Bromofluorobenzene (S)	90	%	79-124	1		09/16/19 12:18	460-00-4	
Toluene-d8 (S)	99	%	69-124	1		09/16/19 12:18	2037-26-5	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130641 Analysis Method: EPA 200.7
QC Batch Method: EPA 200.7 Analysis Description: 200.7 Metals, Total
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 624188 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	<500	500	09/18/19 20:52	
Calcium	ug/L	<200	200	09/18/19 20:52	
Hardness, Magnesium	ug/L	<830	830	09/18/19 20:52	N3
Magnesium	ug/L	<200	200	09/18/19 20:52	
Potassium	ug/L	<5000	5000	09/18/19 20:52	
Sodium	ug/L	<5000	5000	09/18/19 20:52	
Tot Hardness asCaCO3 (SM 2340B	ug/L	<830	830	09/18/19 20:52	

LABORATORY CONTROL SAMPLE: 624189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L		62300			
Calcium	ug/L	25000	24900	100	85-115	
Hardness, Magnesium	ug/L		100000			N3
Magnesium	ug/L	25000	24300	97	85-115	
Potassium	ug/L	50000	48400	97	85-115	
Sodium	ug/L	50000	48400	97	85-115	
Tot Hardness asCaCO3 (SM 2340B	ug/L		162000			

MATRIX SPIKE SAMPLE: 624191

Parameter	Units	70104827001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	373000		425000			
Calcium	ug/L	149000	25000	170000	84	70-130	
Hardness, Magnesium	ug/L	60100		166000			N3
Magnesium	ug/L	14600	25000	40400	103	70-130	
Potassium	ug/L	20300	50000	69200	98	70-130	
Sodium	ug/L	335000	50000	377000	84	70-130	
Tot Hardness asCaCO3 (SM 2340B	ug/L	433000		592000			

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

MATRIX SPIKE SAMPLE: 624193

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	874000		920000			
Calcium	ug/L	350000	25000	368000	74	70-130	
Hardness, Magnesium	ug/L	287000		393000			N3
Magnesium	ug/L	69600	25000	95400	103	70-130	
Potassium	ug/L	9470	50000	63900	109	70-130	
Sodium	ug/L	719000	50000	735000	33	70-130	M1
Tot Hardness asCaCO3 (SM 2340B	ug/L	1160000		1310000			

SAMPLE DUPLICATE: 624190

Parameter	Units	70104827001 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	373000	372000	0	
Calcium	ug/L	149000	149000	0	
Hardness, Magnesium	ug/L	60100	59600	1	N3
Magnesium	ug/L	14600	14500	1	
Potassium	ug/L	20300	20200	0	
Sodium	ug/L	335000	332000	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	433000	432000	0	

SAMPLE DUPLICATE: 624192

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Ca Hardness as CaCO3 (SM 2340B	ug/L	874000	897000	3	
Calcium	ug/L	350000	359000	3	
Hardness, Magnesium	ug/L	287000	295000	3	N3
Magnesium	ug/L	69600	71600	3	
Potassium	ug/L	9470	9660	2	
Sodium	ug/L	719000	710000	1	
Tot Hardness asCaCO3 (SM 2340B	ug/L	1160000	1190000	3	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130204 Analysis Method: EPA 8260C/5030C
QC Batch Method: EPA 8260C/5030C Analysis Description: 8260 MSV
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011, 70104827012

METHOD BLANK: 622295 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011, 70104827012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1,1-Trichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1,2-Trichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1-Dichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,1-Dichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	CL
1,1-Dichloropropene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,3-Trichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,3-Trichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,4-Trichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dibromoethane (EDB)	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dichloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
1,2-Dichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,3-Dichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
1,3-Dichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
1,4-Dichlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
2,2-Dichloropropane	ug/L	<1.0	1.0	09/16/19 09:16	
2-Butanone (MEK)	ug/L	<5.0	5.0	09/16/19 09:16	
2-Chlorotoluene	ug/L	<1.0	1.0	09/16/19 09:16	
2-Hexanone	ug/L	<5.0	5.0	09/16/19 09:16	
4-Chlorotoluene	ug/L	<1.0	1.0	09/16/19 09:16	
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	5.0	09/16/19 09:16	
Acetone	ug/L	<5.0	5.0	09/16/19 09:16	
Benzene	ug/L	<1.0	1.0	09/16/19 09:16	
Bromobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Bromochloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
Bromodichloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
Bromoform	ug/L	<1.0	1.0	09/16/19 09:16	
Bromomethane	ug/L	<1.0	1.0	09/16/19 09:16	
Carbon disulfide	ug/L	<1.0	1.0	09/16/19 09:16	
Carbon tetrachloride	ug/L	<1.0	1.0	09/16/19 09:16	
Chlorobenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Chloroethane	ug/L	<1.0	1.0	09/16/19 09:16	
Chloroform	ug/L	<1.0	1.0	09/16/19 09:16	
Chloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
cis-1,2-Dichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

METHOD BLANK: 622295 Matrix: Water

Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011, 70104827012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	<1.0	1.0	09/16/19 09:16	
Dibromochloromethane	ug/L	<1.0	1.0	09/16/19 09:16	
Dibromomethane	ug/L	<1.0	1.0	09/16/19 09:16	
Dichlorodifluoromethane	ug/L	<1.0	1.0	09/16/19 09:16	CL
Ethylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Hexachloro-1,3-butadiene	ug/L	<1.0	1.0	09/16/19 09:16	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	09/16/19 09:16	
m&p-Xylene	ug/L	<2.0	2.0	09/16/19 09:16	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	09/16/19 09:16	
Methylene Chloride	ug/L	<1.0	1.0	09/16/19 09:16	
n-Butylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
n-Propylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Naphthalene	ug/L	<1.0	1.0	09/16/19 09:16	
o-Xylene	ug/L	<1.0	1.0	09/16/19 09:16	
p-Isopropyltoluene	ug/L	<1.0	1.0	09/16/19 09:16	
sec-Butylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Styrene	ug/L	<1.0	1.0	09/16/19 09:16	
tert-Butylbenzene	ug/L	<1.0	1.0	09/16/19 09:16	
Tetrachloroethene	ug/L	<1.0	1.0	09/16/19 09:16	
Toluene	ug/L	<1.0	1.0	09/16/19 09:16	
trans-1,2-Dichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	
trans-1,3-Dichloropropene	ug/L	<1.0	1.0	09/16/19 09:16	
Trichloroethene	ug/L	<1.0	1.0	09/16/19 09:16	
Trichlorofluoromethane	ug/L	<1.0	1.0	09/16/19 09:16	CL
Vinyl acetate	ug/L	<1.0	1.0	09/16/19 09:16	
Vinyl chloride	ug/L	<1.0	1.0	09/16/19 09:16	
Xylene (Total)	ug/L	<3.0	3.0	09/16/19 09:16	
1,2-Dichloroethane-d4 (S)	%	93	68-153	09/16/19 09:16	
4-Bromofluorobenzene (S)	%	87	79-124	09/16/19 09:16	
Toluene-d8 (S)	%	99	69-124	09/16/19 09:16	

LABORATORY CONTROL SAMPLE: 622296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.1	94	74-113	
1,1,1-Trichloroethane	ug/L	50	45.0	90	65-118	
1,1,2,2-Tetrachloroethane	ug/L	50	56.1	112	74-121	
1,1,2-Trichloroethane	ug/L	50	53.3	107	80-117	
1,1-Dichloroethane	ug/L	50	48.6	97	83-151	
1,1-Dichloroethene	ug/L	50	35.9	72	45-146	CL
1,1-Dichloropropene	ug/L	50	50.3	101	59-127	
1,2,3-Trichlorobenzene	ug/L	50	43.7	87	67-103	
1,2,3-Trichloropropane	ug/L	50	48.0	96	71-123	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

LABORATORY CONTROL SAMPLE: 622296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	46.3	93	66-116	
1,2,4-Trimethylbenzene	ug/L	50	56.5	113	68-116	
1,2-Dibromo-3-chloropropane	ug/L	50	43.8	88	74-119	
1,2-Dibromoethane (EDB)	ug/L	50	51.1	102	83-115	
1,2-Dichlorobenzene	ug/L	50	50.1	100	74-113	
1,2-Dichloroethane	ug/L	50	40.4	81	74-129	
1,2-Dichloropropane	ug/L	50	56.3	113	75-117	
1,3,5-Trimethylbenzene	ug/L	50	54.6	109	67-116	
1,3-Dichlorobenzene	ug/L	50	50.9	102	71-112	
1,3-Dichloropropane	ug/L	50	50.9	102	74-112	
1,4-Dichlorobenzene	ug/L	50	50.2	100	71-113	
2,2-Dichloropropane	ug/L	50	42.9	86	63-133	
2-Butanone (MEK)	ug/L	50	47.8	96	44-162	
2-Chlorotoluene	ug/L	50	55.0	110	74-101	L1
2-Hexanone	ug/L	50	57.5	115	32-183	IH
4-Chlorotoluene	ug/L	50	54.8	110	74-101	L1
4-Methyl-2-pentanone (MIBK)	ug/L	50	54.2	108	69-132	
Acetone	ug/L	50	33.2	66	23-188	
Benzene	ug/L	50	54.8	110	73-119	
Bromobenzene	ug/L	50	51.6	103	72-102	L1
Bromochloromethane	ug/L	50	46.1	92	81-116	
Bromodichloromethane	ug/L	50	49.4	99	78-117	
Bromoform	ug/L	50	48.7	97	65-122	
Bromomethane	ug/L	50	41.6	83	52-147	
Carbon disulfide	ug/L	50	55.6	111	41-144	
Carbon tetrachloride	ug/L	50	44.6	89	59-120	
Chlorobenzene	ug/L	50	47.0	94	75-113	
Chloroethane	ug/L	50	46.8	94	49-151	
Chloroform	ug/L	50	46.2	92	72-122	
Chloromethane	ug/L	50	41.6	83	46-144	
cis-1,2-Dichloroethene	ug/L	50	47.2	94	72-121	
cis-1,3-Dichloropropene	ug/L	50	57.7	115	78-116	CH
Dibromochloromethane	ug/L	50	47.8	96	70-120	
Dibromomethane	ug/L	50	43.0	86	75-125	
Dichlorodifluoromethane	ug/L	50	37.1	74	22-154	CL
Ethylbenzene	ug/L	50	49.5	99	70-113	
Hexachloro-1,3-butadiene	ug/L	50	49.6	99	59-121	
Isopropylbenzene (Cumene)	ug/L	50	55.6	111	67-115	
m&p-Xylene	ug/L	100	104	104	72-115	
Methyl-tert-butyl ether	ug/L	50	48.5	97	72-131	
Methylene Chloride	ug/L	50	49.3	99	61-142	
n-Butylbenzene	ug/L	50	55.2	110	73-107	L1
n-Propylbenzene	ug/L	50	57.1	114	68-116	
Naphthalene	ug/L	50	39.1	78	70-118	
o-Xylene	ug/L	50	50.8	102	73-117	
p-Isopropyltoluene	ug/L	50	53.8	108	73-101	L1
sec-Butylbenzene	ug/L	50	54.0	108	72-103	L1

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

LABORATORY CONTROL SAMPLE: 622296

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	54.8	110	72-118	
tert-Butylbenzene	ug/L	50	51.8	104	68-100	L1
Tetrachloroethene	ug/L	50	43.6	87	60-128	
Toluene	ug/L	50	52.6	105	72-119	
trans-1,2-Dichloroethene	ug/L	50	45.8	92	56-142	
trans-1,3-Dichloropropene	ug/L	50	57.4	115	79-116	CH
Trichloroethene	ug/L	50	48.7	97	69-117	
Trichlorofluoromethane	ug/L	50	34.9	70	27-173	CL
Vinyl acetate	ug/L	50	45.8	92	20-158	
Vinyl chloride	ug/L	50	48.1	96	43-143	
Xylene (Total)	ug/L	150	154	103	71-109	
1,2-Dichloroethane-d4 (S)	%			82	68-153	
4-Bromofluorobenzene (S)	%			96	79-124	
Toluene-d8 (S)	%			101	69-124	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 622297 622298

Parameter	Units	70104827006 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	44.4	47.0	89	94	74-113	6	
1,1,1-Trichloroethane	ug/L	<1.0	50	50	45.0	47.5	90	95	65-118	5	
1,1,2,2-Tetrachloroethane	ug/L	<1.0	50	50	52.4	55.9	105	112	74-121	6	
1,1,2-Trichloroethane	ug/L	<1.0	50	50	53.0	54.8	106	110	80-117	3	
1,1-Dichloroethane	ug/L	<1.0	50	50	48.8	52.0	98	104	83-151	6	
1,1-Dichloroethene	ug/L	1.3	50	50	38.5	39.3	74	76	45-146	2	CL
1,1-Dichloropropene	ug/L	<1.0	50	50	50.5	53.0	101	106	59-127	5	
1,2,3-Trichlorobenzene	ug/L	<1.0	50	50	39.8	45.2	80	90	67-103	13	
1,2,3-Trichloropropane	ug/L	<1.0	50	50	44.9	48.9	90	98	71-123	8	
1,2,4-Trichlorobenzene	ug/L	<1.0	50	50	41.5	45.8	83	92	66-116	10	
1,2,4-Trimethylbenzene	ug/L	<1.0	50	50	54.0	56.7	108	113	68-116	5	
1,2-Dibromo-3-chloropropane	ug/L	<1.0	50	50	40.6	46.0	81	92	74-119	12	
1,2-Dibromoethane (EDB)	ug/L	<1.0	50	50	49.3	51.3	99	103	83-115	4	
1,2-Dichlorobenzene	ug/L	<1.0	50	50	47.5	50.4	95	101	74-113	6	
1,2-Dichloroethane	ug/L	<1.0	50	50	40.5	42.3	81	85	74-129	4	
1,2-Dichloropropane	ug/L	<1.0	50	50	55.6	58.1	111	116	75-117	5	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	50	52.1	55.1	104	110	67-116	6	
1,3-Dichlorobenzene	ug/L	<1.0	50	50	48.3	50.8	97	102	71-112	5	
1,3-Dichloropropane	ug/L	<1.0	50	50	47.7	50.9	95	102	74-112	7	
1,4-Dichlorobenzene	ug/L	<1.0	50	50	47.6	49.8	95	100	71-113	4	
2,2-Dichloropropane	ug/L	<1.0	50	50	40.0	43.0	80	86	63-133	7	
2-Butanone (MEK)	ug/L	<5.0	50	50	44.7	49.1	89	98	44-162	9	
2-Chlorotoluene	ug/L	<1.0	50	50	52.7	55.5	105	111	74-101	5	M0
2-Hexanone	ug/L	<5.0	50	50	49.0	51.6	98	103	32-183	5	IH
4-Chlorotoluene	ug/L	<1.0	50	50	52.4	55.2	105	110	74-101	5	M0
4-Methyl-2-pentanone (MIBK)	ug/L	<5.0	50	50	46.6	53.4	93	107	69-132	14	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		622297			622298						
Parameter	Units	70104827006 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	26.8	27.2	54	54	23-188	2	
Benzene	ug/L	<1.0	50	50	55.4	57.0	111	114	73-119	3	
Bromobenzene	ug/L	<1.0	50	50	47.1	49.8	94	100	72-102	6	
Bromochloromethane	ug/L	<1.0	50	50	44.6	46.5	89	93	81-116	4	
Bromodichloromethane	ug/L	<1.0	50	50	46.4	50.0	93	100	78-117	7	
Bromoform	ug/L	<1.0	50	50	44.4	48.4	89	97	65-122	8	
Bromomethane	ug/L	<1.0	50	50	38.6	45.8	77	92	52-147	17	
Carbon disulfide	ug/L	<1.0	50	50	51.6	60.4	103	121	41-144	16	
Carbon tetrachloride	ug/L	<1.0	50	50	43.8	46.6	88	93	59-120	6	
Chlorobenzene	ug/L	<1.0	50	50	44.4	46.8	89	94	75-113	5	
Chloroethane	ug/L	<1.0	50	50	48.6	51.1	97	102	49-151	5	
Chloroform	ug/L	<1.0	50	50	45.9	48.3	92	97	72-122	5	
Chloromethane	ug/L	<1.0	50	50	41.4	47.0	83	94	46-144	13	
cis-1,2-Dichloroethene	ug/L	571	50	50	569	567	-4	-8	72-121	0	E,M1
cis-1,3-Dichloropropene	ug/L	<1.0	50	50	51.4	55.0	103	110	78-116	7	CH
Dibromochloromethane	ug/L	<1.0	50	50	43.9	47.6	88	95	70-120	8	
Dibromomethane	ug/L	<1.0	50	50	43.0	43.3	86	87	75-125	1	
Dichlorodifluoromethane	ug/L	<1.0	50	50	34.7	35.9	69	72	22-154	3	CL
Ethylbenzene	ug/L	<1.0	50	50	47.4	49.8	95	100	70-113	5	
Hexachloro-1,3-butadiene	ug/L	<1.0	50	50	48.2	50.5	96	101	59-121	5	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	52.4	55.6	105	111	67-115	6	
m&p-Xylene	ug/L	<2.0	100	100	101	105	101	105	72-115	4	
Methyl-tert-butyl ether	ug/L	<1.0	50	50	43.8	47.9	88	96	72-131	9	
Methylene Chloride	ug/L	<1.0	50	50	49.3	51.7	99	103	61-142	5	
n-Butylbenzene	ug/L	<1.0	50	50	54.9	57.3	110	115	73-107	4	M0
n-Propylbenzene	ug/L	<1.0	50	50	54.5	58.1	109	116	68-116	6	
Naphthalene	ug/L	<1.0	50	50	34.2	38.8	68	78	70-118	13	M1
o-Xylene	ug/L	<1.0	50	50	47.7	50.1	95	100	73-117	5	
p-Isopropyltoluene	ug/L	<1.0	50	50	52.6	55.0	105	110	73-101	4	M0
sec-Butylbenzene	ug/L	<1.0	50	50	52.3	55.2	105	110	72-103	5	M0
Styrene	ug/L	<1.0	50	50	52.0	53.7	104	107	72-118	3	
tert-Butylbenzene	ug/L	<1.0	50	50	49.3	51.7	99	103	68-100	5	M0
Tetrachloroethene	ug/L	255	50	50	283	281	55	52	60-128	1	E,M1
Toluene	ug/L	<1.0	50	50	51.7	54.0	103	108	72-119	4	
trans-1,2-Dichloroethene	ug/L	19.3	50	50	59.8	58.3	81	78	56-142	2	
trans-1,3-Dichloropropene	ug/L	<1.0	50	50	53.0	56.2	106	112	79-116	6	CH
Trichloroethene	ug/L	170	50	50	213	212	87	86	69-117	0	E
Trichlorofluoromethane	ug/L	<1.0	50	50	45.0	47.1	90	94	27-173	5	CL
Vinyl acetate	ug/L	<1.0	50	50	43.9	46.9	88	94	20-158	6	
Vinyl chloride	ug/L	27.5	50	50	78.3	80.7	102	106	43-143	3	
Xylene (Total)	ug/L	<3.0	150	150	149	155	99	103	71-109	4	
1,2-Dichloroethane-d4 (S)	%						88	86	68-153		
4-Bromofluorobenzene (S)	%						97	96	79-124		
Toluene-d8 (S)	%						101	100	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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130491 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 623517 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	<2.0	2.0	09/17/19 20:06	
Sulfate	mg/L	<5.0	5.0	09/17/19 20:06	

LABORATORY CONTROL SAMPLE: 623518

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	10	10.5	105	90-110	
Sulfate	mg/L	10	9.5	95	90-110	

MATRIX SPIKE SAMPLE: 623519

Parameter	Units	70104280001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	18.5	10	29.5	110	80-120	
Sulfate	mg/L	12.0	10	22.6	106	80-120	

MATRIX SPIKE SAMPLE: 623521

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	1860	500	2380	104	80-120	
Sulfate	mg/L	274	500	822	110	80-120	

SAMPLE DUPLICATE: 623520

Parameter	Units	70104280001 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	18.5	18.3	1	
Sulfate	mg/L	12.0	12.0	0	

SAMPLE DUPLICATE: 623522

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	1860	1840	1	
Sulfate	mg/L	274	268	2	

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130132 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrite, Unpres.
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 621975 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrite as N	mg/L	<0.050	0.050	09/14/19 08:15	

LABORATORY CONTROL SAMPLE: 621976

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

MATRIX SPIKE SAMPLE: 621977

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.53	105	90-110	H1

MATRIX SPIKE SAMPLE: 621979

Parameter	Units	70104829001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrite as N	mg/L	<0.050	0.5	0.47	95	90-110	

SAMPLE DUPLICATE: 621978

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		H1

SAMPLE DUPLICATE: 621980

Parameter	Units	70104829001 Result	Dup Result	RPD	Qualifiers
Nitrite as N	mg/L	<0.050	<0.050		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

QC Batch: 130134 Analysis Method: EPA 353.2
QC Batch Method: EPA 353.2 Analysis Description: 353.2 Nitrate, Unpres.
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

METHOD BLANK: 621987 Matrix: Water
Associated Lab Samples: 70104827001, 70104827002, 70104827003, 70104827004, 70104827005, 70104827006, 70104827007, 70104827008, 70104827009, 70104827010, 70104827011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.050	09/14/19 09:42	

LABORATORY CONTROL SAMPLE: 621988

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	1	1.0	102	90-110	

MATRIX SPIKE SAMPLE: 621989

Parameter	Units	70104827006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	0.5	0.47	91	90-110	H1

MATRIX SPIKE SAMPLE: 621991

Parameter	Units	70104812002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.50	5	5.2	104	90-110	

SAMPLE DUPLICATE: 621990

Parameter	Units	70104827006 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.050	<0.050		H1

SAMPLE DUPLICATE: 621992

Parameter	Units	70104812002 Result	Dup Result	RPD	Qualifiers
Nitrate-Nitrite (as N)	mg/L	<0.50	<0.50		

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

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: 70104827001
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827002
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827003
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827004
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827005
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827006
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827007
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827008
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827009
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALIFIERS

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

SAMPLE QUALIFIERS

Sample: 70104827010
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827011
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 70104827012
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622295
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622296
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622297
[1] 2-Chloroethylvinyl ether not reportable due to improper sample preservation.
Sample: 622298
[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.
H1	Analysis conducted outside the EPA method holding time.
IH	This analyte exceeded secondary source verification criteria high 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.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70104827001	**MW-19**	EPA 200.7	130641	EPA 200.7	130657
70104827002	**MW-46**	EPA 200.7	130641	EPA 200.7	130657
70104827003	**MW-62**	EPA 200.7	130641	EPA 200.7	130657
70104827004	**MW-64S**	EPA 200.7	130641	EPA 200.7	130657
70104827005	**MW-64D**	EPA 200.7	130641	EPA 200.7	130657
70104827006	**MW-65**	EPA 200.7	130641	EPA 200.7	130657
70104827007	**MW-67**	EPA 200.7	130641	EPA 200.7	130657
70104827008	**MW-68**	EPA 200.7	130641	EPA 200.7	130657
70104827009	**MW-70S**	EPA 200.7	130641	EPA 200.7	130657
70104827010	**MW-70D**	EPA 200.7	130641	EPA 200.7	130657
70104827011	**DUP X**	EPA 200.7	130641	EPA 200.7	130657
70104827001	**MW-19**	EPA 8260C/5030C	130204		
70104827002	**MW-46**	EPA 8260C/5030C	130204		
70104827003	**MW-62**	EPA 8260C/5030C	130204		
70104827004	**MW-64S**	EPA 8260C/5030C	130204		
70104827005	**MW-64D**	EPA 8260C/5030C	130204		
70104827006	**MW-65**	EPA 8260C/5030C	130204		
70104827007	**MW-67**	EPA 8260C/5030C	130204		
70104827008	**MW-68**	EPA 8260C/5030C	130204		
70104827009	**MW-70S**	EPA 8260C/5030C	130204		
70104827010	**MW-70D**	EPA 8260C/5030C	130204		
70104827011	**DUP X**	EPA 8260C/5030C	130204		
70104827012	**TRIP BLANK**	EPA 8260C/5030C	130204		
70104827001	**MW-19**	EPA 300.0	130491		
70104827002	**MW-46**	EPA 300.0	130491		
70104827003	**MW-62**	EPA 300.0	130491		
70104827004	**MW-64S**	EPA 300.0	130491		
70104827005	**MW-64D**	EPA 300.0	130491		
70104827006	**MW-65**	EPA 300.0	130491		
70104827007	**MW-67**	EPA 300.0	130491		
70104827008	**MW-68**	EPA 300.0	130491		
70104827009	**MW-70S**	EPA 300.0	130491		
70104827010	**MW-70D**	EPA 300.0	130491		
70104827011	**DUP X**	EPA 300.0	130491		
70104827001	**MW-19**	EPA 353.2	130134		
70104827002	**MW-46**	EPA 353.2	130134		
70104827003	**MW-62**	EPA 353.2	130134		
70104827004	**MW-64S**	EPA 353.2	130134		
70104827005	**MW-64D**	EPA 353.2	130134		
70104827006	**MW-65**	EPA 353.2	130134		
70104827007	**MW-67**	EPA 353.2	130134		
70104827008	**MW-68**	EPA 353.2	130134		
70104827009	**MW-70S**	EPA 353.2	130134		
70104827010	**MW-70D**	EPA 353.2	130134		
70104827011	**DUP X**	EPA 353.2	130134		
70104827001	**MW-19**	EPA 353.2	130132		
70104827002	**MW-46**	EPA 353.2	130132		

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: ALCO QUARTERLY GW (Q3) 9/12
Pace Project No.: 70104827

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70104827003	**MW-62**	EPA 353.2	130132		
70104827004	**MW-64S**	EPA 353.2	130132		
70104827005	**MW-64D**	EPA 353.2	130132		
70104827006	**MW-65**	EPA 353.2	130132		
70104827007	**MW-67**	EPA 353.2	130132		
70104827008	**MW-68**	EPA 353.2	130132		
70104827009	**MW-70S**	EPA 353.2	130132		
70104827010	**MW-70D**	EPA 353.2	130132		
70104827011	**DUP X**	EPA 353.2	130132		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

Chain-of-Custody is a LEGAL DOCUMENT- Complete all relevant fields

WO#:70104827

70104827

LAB USE ONLY

Company: BARTON & LOGUIDICE	Billing Information: Accounts Payable 443 Electronics Pkwy. Liverpool, NY
Address: 10 AIRLINE DR. SUITE 200 ALBANY, NY 12205	
Report To: ANDY BARBER	Email To: CSTEINMULLER@BARTONANDLOGUIDICE.COM
Copy To: CORINNE STEINMULLER	Site Collection Info/Address: SCHENECTADY, NY 12308
Customer Project Name/Number: ALCO QUARTERLY GW (Q3)	State NY County/City SCHENECTADY Time Zone Collected EST
Phone: (518)218-1801 Email: CSTEINMULLER@BARTONANDLOGUIDICE.COM	Site/Facility ID #
C. STEINMULLER	Purchase Order # 1368.001.004
Collected by (signature):	Quote #
Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive [ ] Hold	Turnaround Date Required: 2 WEEK
	RUSH: Same Day Next Day 2 Day 3 Day 4 Day 5 Day (Expedite Charges Apply)
	Compliance Monitoring? [ ] Yes [ ] No
	DW PWS ID #:
	DW Location Code #:
	Immediately Packed on Ice? [ ] Yes [ ] No
	Field Filtered (if applicable): [ ] Yes [ ] No
	Analysis:

Container Preservative Type **: 3 U 1

Lab Project Manager: JOHN.STANTON@PACELABS.COM

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other _____

* 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)

Customer Sample ID	Matrix*	Comp/ Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOC 8260	SULFATE	CHLORIDE	NITRATE	TOTAL HARDNESS	MS/MSD					LAB USE ONLY
MW-19	WW	G	9/12/19	910	***	***		5	X	X	X	X	X						001
MW-46	WW	G		918	***	***		5	X	X	X	X	X						002
MW-62	WW	G	810	~~1810~~	***	***		5	X	X	X	X	X						003
MW-64S	WW	G		747	***	***		5	X	X	X	X	X						004
MW-64D	WW	G		~~801~~	***	***		5	X	X	X	X	X						005
MW-65 (MS/MSD)	WW	G		728	***	***		11	X	X	X	X	X	X					006
MW-67	WW	G		835	***	***		5	X	X	X	X	X						007
MW-68	WW	G		825	***	***		5	X	X	X	X	X						008
MW-70S	WW	G		925	***	***		5	X	X	X	X	X						009
MW-70D	WW	G		932	***	***		5	X	X	X	X	X						010
DUP X	WW	G		—	***	***		5	X	X	X	X	X						011
TRIP BLANK	TB	G		—	***	***		2	X	X	X	X	X						012

Analyses

LAB Profile/Line:

LAB Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples received on ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in holding time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips: HC863465			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

Customer Remarks/ Special Conditions/ Possible Hazards:

Type of Ice Used: Wet [] Blue [ ] Dry [ ] None [ ]

SHORT HOLDS PRESENT (< 72 hours): Y N N/A

Packing Material Used: Zip Lock

LAB Tracking #: 1224 8331 0861

Samples received via: FEDEX [ ] UPS [ ] Client [ ] Courier [ ] Pace Courier [ ]

MTJL LAB USE ONLY

Table #:

ACCT #:

Template:

Prelogin:

PM:

PB:

LAB Sample Temperature Info:

Temp Blank received: Y N NA

Therm ID #: Therm

Cooler 1 Temp Upon Receipt 1.8 oC

Cooler 1 Therm Corr. Factor +.2 oC

Cooler 1 Corrected Temp 1.0 oC

Comments:

Trip Blank Received: Y N N/A HCL MeOH TSP Other

NonConformance(s) YES / NO

Page 1 of 1

Relinquished by/Company : (Signature)	Date/Time:	Received by/Company : (Signature)	Date/Time:
B+L	9/12/19 - 1000	PACE	9/12/19 1000
PACE	9/12/19 1600	via fedex →	
		PACE	9/13/19 10:40

Attachment D

Site Annual Inspection Form

SITE MANAGEMENT PLAN
ANNUAL SITE-WIDE INSPECTION

Site Name: Former ALCO Site - Parcels A and B **Date:** March 10, 2020
Site No.: C447042 and C447043 **Inspected By:** CIS
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?				
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. No site work has been conducted and the site has remained in accordance with the SMP.			

Attachment E

Cover System Photos



Photo 1. Parcel A looking east toward RPI building.



Photo 2. Parcel A looking north toward Mohawk River.



Photo 3. Parcel A looking north/northwest toward Landings Hotel/Mohawk River.



Photo 4. Parcel A looking west toward Landings Hotel/Rivers Casino.



Photo 5. Parcel A looking south toward Rivers staff parking/STS Steel.



Photo 6. Parcel A – Rivers Casino staff parking/patron parking garage.

Attachment F

Cover Map

PROPOSED LEGEND

229 PROPOSED CONTOURS

MH PROPOSED MANHOLE

PROPOSED CATCHBASIN

PROPOSED CONCRETE WALK

PROPOSED CURB

PROPOSED PAVEMENT MARKINGS

S S PROPOSED SANITARY SEWER

ST ST PROPOSED STORM SEWER

W W 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'

DAYLIGHT COLLEGE CREEK

LOOKOUTS

AVERAGE WATER ELEVATION AS OF 10/12/2013 =211.25

AVERAGE WATER ELEVATION AS OF 11/2/2013 =213.54

10 FFE=233.5

11 FFE=233.5

12 FFE=233.5

FG=233.0

FG=232.0

FG=225.0

FG=228.0

FG=228.0

STS

EXISTING BUILDING

MH R=227.60

COLLEGE CREEK ACCESS

TEL MH

MH R=228.00

TEL MH

ERIE BOULEVARD

TW=217.0 BW=202.0

FG=217.25

FG=235.0

FG=234.0

FG=234.0

FG=234.0

MOHAWK HARBOR WAY

MAXON ROAD

GRAPHIC SCALE

60 0 30 60 120 240

(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

STATE OF NEW YORK DANIEL R. HERSHBERG 044226 LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR

DATE

REMARKS

REVISIONS

FINISH GRADE PLAN 1

ALCO REDEVELOPMENT SITE

SCHENECTADY, NEW YORK

FILE: 120156-1.dwg | SCALE: 1"=60' | BY: SMcC | CHK: DRH | DATE: 2/2/2016 | 2012-0156-1

FG-1

MOHAWK RIVER

MATCH LINE SHEET C15

GRAPHIC SCALE

60 0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

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
- FFE=235.0 FINISH FLOOR ELEVATION
- FG=234.0 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

FLOOD PLAIN ELEVATION=229.0
AVERAGE WATER ELEVATION AS OF 10/12/2013 =211.25
AVERAGE WATER ELEVATION AS OF 11/2/2013 =213.54

MECHANICAL ROOM
LANDS OF RPI

RAMP
TW=217.0
BW=202.0
FG=217.25

TW=235.0
BW=217.0

TW=217.0
BW=202.0

TW=234.5
BW=217.0

TW=231.0

FFE=235.0
GFE=225.0

FFE=243.0

FFE=240.0

FFE=240.5
FFE=231.5

MOHAWK HARBOR WAY

ERIE BOULEVARD

ERIE BOULEVARD

L ROAD

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

STATE OF NEW YORK
DANIEL R. HERSHBERG
044228
LICENSED PROFESSIONAL ENGINEER & LAND SURVEYOR

DATE
REMARKS
REVISIONS

FINISH GRADE PLAN 2
ALCO REDEVELOPMENT SITE
SCHENECTADY, NEW YORK

FILE: 120158-1.dwg | SCALE: 1"=60' | BY: SMcC | CHK: DRH | DATE: 7/22/2016 | 2012-0158-1

FG-2

2017 Fill Quantities - RJ Valente to Rifenburg Contracting Corp.

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

PRODUCT	Description	Tickets	Qty	Unit	TicketType
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

6/3/2020

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 had service and maintenance performed on a regular basis, is running efficiently and is ready for building occupancy.

I trust you will find this proposal 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				
	Sample Location	**Initial Data**	**2019 Data** January 27	**2020 Data** February 20
Rivers Casino	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"

KEY NOTES: FLOOR PLANS

SEE SHEET A0.00.2 FOR GENERAL NOTES, TYPICAL SYMBOLS, DEFERRED SUBMITTAL INFORMATION, AND ABBREVIATIONS

1. STEEL COLUMN / BRACE FRAMING / HSS COLUMN WITH SPRAY APPLIED FIREPROOFING. NOTE: SEE STRUCTURAL DRAWINGS AND/OR SPECIFICATIONS FOR FURTHER CONSTRUCTING FIREPROOFING THICKNESS AND REQUIRED DETAILS TO SYSTEM BEING USED.
2. HSS COLUMN FOR BOLLARD DOCK / BI-FOLD DOOR / OPERABLE PARTITION WALL SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE SHOP DRAWINGS FOR EXACT LOCATION.
3. CONCRETE COLUMN - NOT UNDER TWO SUMMITS! SEE STRUCTURAL DRAWINGS FOR SIZES, NOTES AND ADDITIONAL INFORMATION.
4. CONCRETE WALL. SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTE AND INFORMATION.
5. CMU WALL. SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
6. METAL STUD FRAMING. SEE WALL TYPE SHEET AND PLANS FOR ADDITIONAL NOTES AND INFORMATION.
7. COMPOSITE METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM. SEE PLAN AND SECTION FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
8. RIBBED METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM SEE SHEET A9.05-D, PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
9. STONE VENEER THIN SET OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
10. STONE VENEER ADHERED TO METAL STUD SYSTEM OVER METAL BACK PAN FORMING RAINSCREEN SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
11. EXTERIOR CLADDING APPLIED OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPE.
12. TEMPERED GLASS @ RAILING SYSTEM ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
13. EXTERIOR STOREFRONT GLAZING / PRIVACY SYSTEM - ON TOP OF CONCRETE WALL. SEE PLANS, SECTIONS AND A9.03-D SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
14. CONCRETE SLAB ON GRADE OVER VAPOR BARRIER / MOISTURE PROTECTION SYSTEM. SEE STRUCTURAL DRAWINGS AND SOILS REPORT FOR ADDITIONAL NOTES AND INFORMATION.
15. CONCRETE SLOPE / METAL DECK @ METER PANEL & EMERGENCY GENERATOR PAD. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
16. BUILT-UP CONCRETE / CONCRETE @ SLOPE OVER METAL DECK @ MEZZANINE FRAMING. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
17. CONCRETE SLAB ON EDGE STRUCTURAL FOOTING. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
18. 6" CONCRETE SLAB ON GRADE - SLOPE TO DRAIN. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
19. 6" CONCRETE SLAB ON GRADE - SLOPE TO DRAIN @ MEZZANINE. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
20. FINISHED FLOOR MATERIAL. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
21. 24"x 24" ACCESS FLOORING SYSTEM. BASIS OF DESIGN: TATE ACCESS FLOORS, CONCRETE SYSTEM. SEE PLANS AND SHEET A9.03-D FOR ADDITIONAL NOTES AND INFORMATION.
22. ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
23. MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
24. PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
25. CONCRETE EQUIPMENT PAD. VERIFY LAYOUT, THICKNESS AND SIZE REQUIREMENTS WITH EQUIPMENT MANUFACTURER'S SPECIFICATIONS. SEE MECHANICAL / ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
26. FOOD SERVICE EQUIPMENT. SEE FOODSERVICE / ELECTRICAL / MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
27. EQUIPMENT ON FUTURE. SEE INTERIOR DESIGN PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
28. ELECTRICAL PANEL. SEE ELECTRICAL AND AV DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
29. GAMING MACHINES / EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
30. DOOR - SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
31. DECORATIVE ACCESS CONTROL GATE WITH PANIC HARDWARE. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
32. DECORATIVE FAN AND LIGHTING FEATURE. SEE INTERIOR DESIGN LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
33. ACOUSTIC FOLDING DOOR SYSTEM - BASIS OF DESIGN TO BE SKYFOLD 60 CLASSIC SERIES
34. DEMOUNTABLE COLUMN WRAP. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
35. SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. SEE DETAIL 1/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
36. SEMI-RECESSED STANDPIPE / HOSE CABINET. SEE DETAIL 3/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
37. DIAMOND PLATE WAINSCOT WITH WALL / CORNER GUARDS IN ALL B.O.H. CORRIDORS. SEE DETAIL 5/A9.00.0 FOR ADDITIONAL INFORMATION.
38. WALL / COLUMN MOUNTED TV OR CEILING / POLE MOUNTED TV. SEE INTERIOR DESIGN, ELECTRICAL AND A/V DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED.
39. MILLWORK. SEE INTERIOR DESIGN FOR ADDITIONAL NOTES AND INFORMATION. MILLWORK SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. BACKING REQUIREMENTS TO BE PROVIDED.
40. HIGH PRESSURE WASH SYSTEM AT CAN WASH. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
41. FLOOR DRAIN. SEE PLUMBING FOR ADDITIONAL NOTES AND INFORMATION.
42. NOTCH FOR DOOR SWING. 1/A9.00.0 AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
43. JANITOR / MOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
44. HAND SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
45. FLOOR SINK. SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
46. FOOD SERVICE TROUGH DRAIN. SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
47. DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
48. DOCK BUMPER. SEE DETAIL 4/A9.00.1 FOR ADDITIONAL INFORMATION.
49. DOCK LEVELER.
50. CANOPY / OVERHANG / STRUCTURE ABOVE.
51. ELECTRICAL PANEL. SEE DETAIL 2/A9.00.0 AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
52. AUTOMATIC DOOR OPERATOR. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
53. LIGHT FIXTURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
54. CONCRETE BOLLARD. SEE DETAIL 8/9.00.0.
55. OPERABLE WALL PARTITION. PROVIDE A MINIMUM 6'-0" WIDE DOOR WHERE SHOWN ON PLANS. DOOR SHALL MEET ALL EGRESS AND ORDINANCE FOR EGRESS AND ACCESSIBILITY REQUIREMENTS. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR SUPPORTING SYSTEMS AND ADDITIONAL INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND INFORMATION.
56. OPERABLE WALL PARTITION POCKET DOOR. REFER DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
57. ROLL DOWN OVERHEAD INSULATED DOOR WITH DOOR MOUNT MOTOR. SEE WIDTH, DOOR DOWN EACH SIDE OF DOOR. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DRAWINGS TO PROTECT OPENING. VERIFY AND COORDINATE ALL CLEARANCE AND SPACE REQUIREMENTS. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
58. BI-FOLD DOOR SYSTEM - BASIS OF DESIGN IS CROWN INCORPORATED 557-II (FOLDING DOOR SYSTEM). ELECTRICAL DRAWINGS AND SHOP DRAWINGS TO INDICATE ALL REQUIREMENTS. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
59. BI-FOLD SOLID PANEL DOOR SYSTEM. BASIS OF DESIGN IS CROWN INCORPORATED 557-II (FOLDING DOOR SYSTEM). ELECTRICAL DRAWINGS AND SHOP DRAWINGS TO INDICATE ALL STRUCTURAL REQUIREMENTS. PANELS ARE TO BE PROVIDED PANELS WITH PANEL HARDWARE AND LOCKING MECHANISM. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
60. COUNTER AND STAND FOR BOOKKEEPER / CAGE AND CASHIER. SHEET A9.06.0 FOR ADDITIONAL NOTES AND INFORMATION.
61. 1-1/2" DIA. GUARDRAIL AT 42" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
62. 1-1/2" DIA. HANDRAILS AT 34" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
63. OPEN GRATE STEEL STAIR AND LANDING. SEE ENLARGED PLANS AND SECTIONS, SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
64. POURED IN PLACE REINFORCED CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, SHEET A9.06.1 FOR ADDITIONAL NOTES AND INFORMATION.
65. RAMP. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
66. 10'-0" HIGH CHAIN LINK FENCE.
67. POCKET DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
68. LOCKERS. SEE SHEET A6.00.3 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
69. OSHA COMPLIANT LADDER. SEE DETAIL 4/A9.07.0
70. B.O.H. MILLWORK FURNISHINGS AND EQUIPMENT. SEE AE SERIES SHEETS FOR ADDITIONAL NOTES, ELEVATIONAL DETAILS AND ADDITIONAL NOTES AND INFORMATION.
71. EXTERIOR STOREFRONT WINDOW SYSTEM. SEE A9.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION. SEE PLANS FOR WINDOW GUARD LOCATIONS, AND ADDITIONAL NOTES AND INFORMATION.
72. INTERIOR STOREFRONT WINDOW SYSTEM. SEE A9.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
73. STOREFRONT DOOR SYSTEM. SEE DOOR SCHEDULE, DOOR ELEVATIONS, AND A9.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
74. WINDOW SYSTEM WITH PASS THROUGH AND SPEAK HOLE. SEE SHEET A9.03.1 FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
75. FRAMELESS GLASS STOREFRONT SYSTEM. SEE DOOR SCHEDULE AND SHEET A9.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
76. AUTOMATIC SLIDING DOOR SYSTEM WITH BREAKAWAY EMERGENCY EXIT PANELS. SEE DOOR SCHEDULE AND SHEET A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO COORDINATE WITH ELECTRICAL DRAWINGS FOR APPROVAL.
77. EXTERIOR EXPANSION JOINT - SEE SHEET A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
78. INTERIOR EXPANSION JOINT / COVER. SEE SHEETS A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
79. SIGNAGE. REFER TO AND COORDINATE FOR FINAL SIZE, ATTACHMENT AND POWER REQUIREMENTS WITH SIGNAGE VENDOR. CONTRACTOR TO SUBMIT SHOP DRAWINGS. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS FOR INSTALLATION OF SIGNAGE DEVICES.
80. GAS CONNECTION. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
81. ELEVATOR. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION. SEE MECHANICAL, ELECTRICAL AND SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS AND NOTES / INFORMATION.
82. ELEVATOR CONTROL UNIT. SEE ELECTRICAL DRAWINGS AND SHOP DRAWINGS FOR ADDITIONAL NOTES, INFORMATION AND REQUIREMENTS.
83. GREEN SCREEN TRELLIS PANEL. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
84. RECESSED FLOOR GRILL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
85. EMPLOYEE MEAL ORDERING KIOSKS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. OWNER PROVIDED, CONTRACTOR INSTALLED.
86. SIDEWALK. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
87. FINISH GRADE. SEE CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
88. LANDSCAPE AREA. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION.
89. PLANTER DRAIN. SEE PLUMBING AND LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. REFER TO LANDSCAPE DRAWINGS FOR FINAL LOCATIONS).
90. PLANTER. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
91. DECORATIVE CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
92. HEATED CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE, CIVIL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
93. TUBE STEEL SUPPORT COLUMNS TO BE WRAPPED WITH 5/8" GYPSUM BOARD FOR FIRE PROOFING.
94. METAL GATE. SEE DOOR SCHEDULE AND SHEET A0.02.2 FOR ADDITIONAL NOTES AND INFORMATION.
95. DECORATIVE METAL FENCE. SEE SHEET A9.09.2 FOR ELEVATION AND ADDITIONAL NOTES AND INFORMATION.
96. P.O.S. LOCATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
97. ACCESSIBLE MILLWORK COUNTER LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
98. B.O.H. CORNER GUARDS, INSTALL UP TO 48" A.F.F.
99. KITCHEN / FOOD SERVICE AREA STAINLESS STEEL CORNER GUARDS UP TO 48" A.F.F. - SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
100. PASS-THRU WINDOW. SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
101. WIRE DROP. SEE ELECTRICAL, TELECOM, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
102. MILLWORK, BOOTHS, FURNITURE, COUNTERS, DISPLAY, ARTWORK, BANQUETTE SEATING UNITS, PLANTERS AND OTHER ELEMENTS NOT CONSIDERED A PART OF THE BUILDING CONSTRUCTION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. ELECTRICAL AND MECHANICAL REQUIREMENTS FOR ALL ITEMS TO BE DESIGNED AND ENGINEERED BY CONTRACTOR AND SUBMITTED AS A SHOP DRAWING FOR APPROVAL.
103. DECORATIVE WALL SCONCE. SEE INTERIOR DESIGN LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
104. WALL FINISH. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISH MATERIALS AND INSTALLATION REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
105. BAR TOP GAMING DEVICE. SEE INTERIOR DESIGN DRAWINGS FOR MILLWORK DETAILS AND ADDITIONAL NOTES. SEE ALSO ELECTRICAL AND TELECOM DRAWINGS.
106. MILLWORK BAR DIE AND TOP / MILLWORK BACKBAR. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
107. MILLWORK HOSTESS STATION. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
108. ACCESSIBLE COUNTER / BAR TOP GAMING LOCATIONS. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL DRAWINGS.
109. RAISED PLATFORM WITH EDGE LIGHTING. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND NOTES.
110. PICTURE BOOTH. SEE INTERIOR DESIGN AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
111. CUSTOM ACOUSTIC PANEL. PIVOT DOORS WITH LIGHT FIXTURE. SEE INTERIOR DESIGN, ELECTRICAL AND LIGHTING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES.
112. INDUSTRIAL WINDOW / GLASS AND METAL WALL SYSTEM. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. PROVIDE STRUCTURAL SUPPORT AS REQUIRED.
113. CUSTOM ACOUSTIC PANEL TOP RAISED BI-FOLD COUNTER TOP DOOR. SEE INTERIOR DESIGN DRAWINGS FOR FINISH AND ADDITIONAL NOTES AND INFORMATION. SEE ALSO STRUCTURAL DRAWINGS FOR SUPPORT INFORMATION.
114. ACOUSTIC PANEL WALL. SEE INTERIOR DESIGN FOR FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION.
115. ARCHWAY BEYOND (DEPARTURE FROM A STRAIGHT WALL). REFER TO SHEET A9.00.1 FOR ADDITIONAL NOTES AND INFORMATION. MAXIMUM DEPTH OF ARCHWAY IS 24" MAX. SEE SHEET A9.00.1 FOR ADDITIONAL NOTES AND INFORMATION.
116. DOUBLE ACTING SWING DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
117. GLASS BLOCK TILE WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
118. DECORATIVE METAL SCREEN / LATTICE. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
119. DECORATIVE MILLWORK SCREEN. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
120. B.O.H. SECURITY GRILL. SEE SHEET A9.00.1 FOR ADDITIONAL INFORMATION.
121. SECURED PASS-THRU UNIT. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
122. B.O.H. OFFICE FURNITURE / EQUIPMENT. OWNER PROVIDED AND INSTALLED.
123. SURVEILLANCE / SECURITY EQUIPMENT AND DISPLAYS. SEE SURVEILLANCE / SECURITY, ELECTRICAL, AND A/V DRAWINGS AND A/V SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS, INFORMATION AND NOTES.
124. BUILT-UP CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, AND SHEET A9.06.1 FOR ADDITIONAL NOTES AND INFORMATION.
125. METAL COLUMN WRAP.

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 TRADE 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 PENETRATION(S) SHALL BEAR ANY COSTS ASSOCIATED WITH RETESTING THE FIRE SUPPRESSION SYSTEM.

1 FLOOR PLAN - AREA A - LEVEL 1

1/8" = 1'-0"

NORTH / PLAN NORTH

RIVERS CASINO SCHENECTADY

KLAI JUBA WALD architects

4444 W. Russell Road, Suite J
Las Vegas, NV 89118
(702) 221-2254

REGISTERED ARCHITECT John R. Klai 023441 STATE OF NEW YORK

KJA Job Number: 14012

ISSUED/REVISED

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

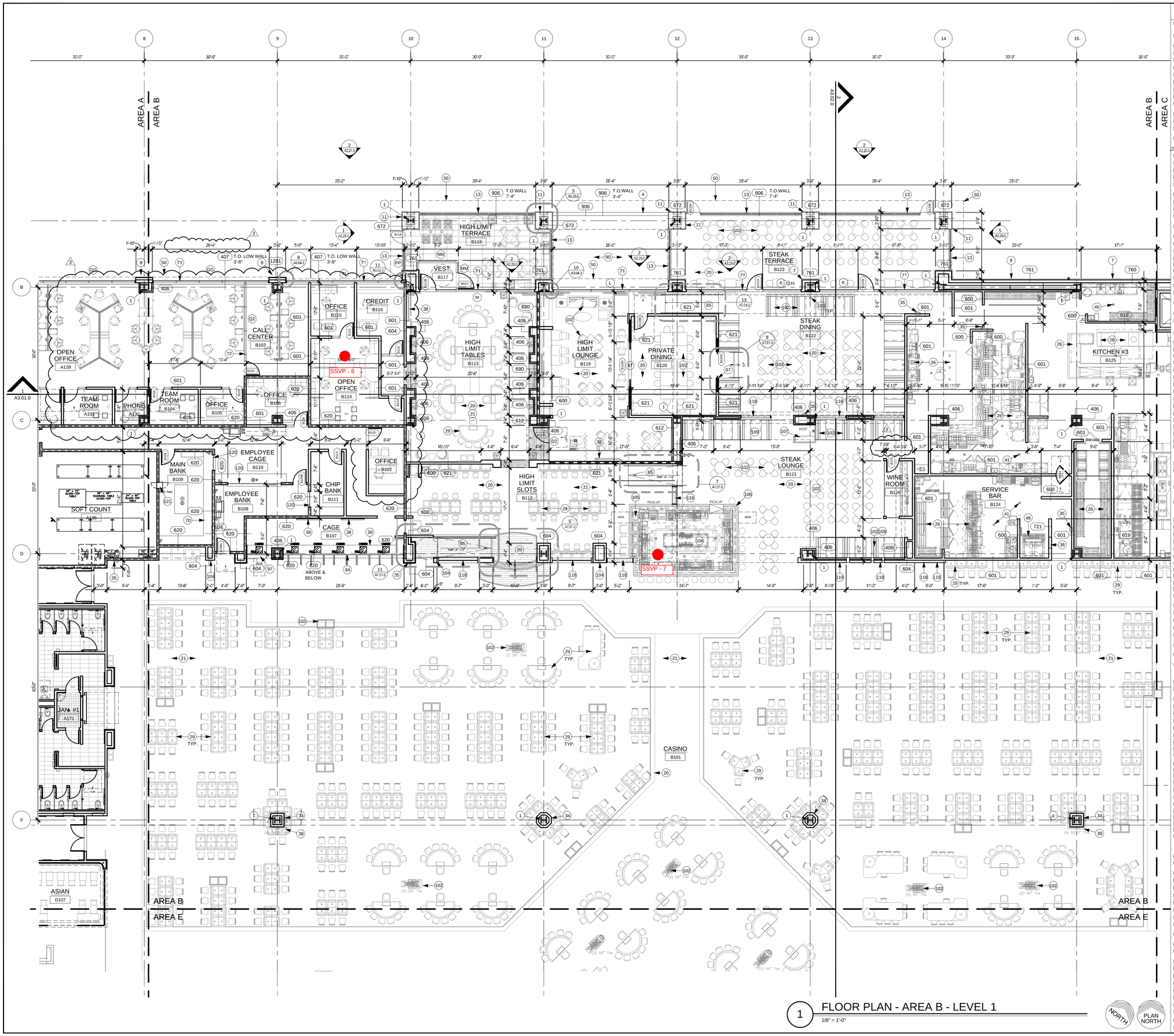
A | B | C
D | E | F

KEY PLAN

FLOOR PLAN AREA A LEVEL 1

LOW RISE

A1.01.A



1 FLOOR PLAN - AREA B - LEVEL 1

1/8" = 1'-0"

PLAN NORTH

KEY NOTES: FLOOR PLANS

SEE SHEET A0.00.2 FOR GENERAL NOTES, TYPICAL SYMBOLS, DEFERRED SUBMITTAL INFORMATION, AND ABBREVIATIONS

1. STEEL COLUMN / BRACE FRAMING / HSS COLUMN WITH SPRAY APPLIED FIREPROOFING. NOTE: SHOP DRAWINGS FOR BOXED AND/OR PREFABRICATED COLUMNS INDICATING FIREPROOFING THICKNESS AND REQUIRED DETAILS TO SYSTEM BEING USED.
2. HSS COLUMN FOR BOLT DOWN DOOR / BI-FOLD DOOR / OPERABLE PARTITION WALL SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE SHOP DRAWINGS FOR EXACT LOCATION.
3. CONCRETE COLUMN - NOT UNDER TWO SUMMITS®. SEE STRUCTURAL DRAWINGS FOR SIZES, NOTES AND ADDITIONAL INFORMATION.
4. CONCRETE WALL - SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
5. CMU WALL: SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
6. METAL STUD FRAMING. SEE WALL TYPE SHEET AND PLANS FOR ADDITIONAL NOTES AND INFORMATION.
7. COMPOSITE METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
8. RIBBED METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM SEE SHEET A9.05.0, PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
9. STONE VENEER SYSTEM OVER METAL STUD FRAMING SYSTEM SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
10. STONE VENEER THIN SET OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
11. STONE VENEER ADHERED ASSEMBLY SYSTEM OVER METAL STUD FRAMING SYSTEM SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES
12. STONE EXTERIOR CLADDING APPLIED OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPE.
13. TEMPERED GLASS GUARDRAIL SYSTEM ON TOP OF CONCRETE WALL. SEE PLANS AND WALL TYPES DRAWINGS AND SHOP DRAWINGS FOR ADDITIONAL NOTES.
14. EXTERIOR TEMPERED GLASS RAIL / PRIVACY SYSTEM - ON TOP OF CONCRETE WALL. SEE PLANS, SECTIONS AND A9.05.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
15. CONCRETE SLAB ON GRADE OVER WATERPROOF MEMBRANE. SEE SHEET C1.0 FOR CIVIL DRAWINGS AND SOILS REPORT FOR ADDITIONAL NOTES AND INFORMATION.
16. CONCRETE SLOPE - METAL DECK, P-METER PAN & NONSHORE TOPPING MATING SURFACE SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
17. BUILT-UP CONCRETE & CONCRETE SLOPE OVER METAL DECK ON TOP OF STEEL FRAMING SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
18. SUSPENDED SLAB ON STEEL FRAMING SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
19. EXTERIOR CONCRETE SLAB ON GRADE - SLOPE AS REQUIRED. SEE CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
20. FINISHED FLOOR MATERIAL: SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
21. 24"x 24" ACCESS FLOORING SYSTEM. BASIS OF DESIGN: TATE ACCESS FLOORS / CONCRETE CORE. SEE FLOOR PLANS AND SHEET A0.02.1 FOR ADDITIONAL NOTES AND INFORMATION.
22. ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
23. MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
24. PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
25. CONCRETE EQUIPMENT PAD. VERIFY LAYOUT, THICKNESS AND SIZE REQUIREMENTS WITH EQUIPMENT MANUFACTURER'S. SEE ELECTRICAL / MECHANICAL / ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
26. FOOD SERVICE EQUIPMENT. SEE FOOD SERVICE / ELECTRICAL / MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
27. RAISED FLOOR / CONCRETE STRUCTURE. SEE DETAILS PLUMBING DRAWINGS AND SHOWER PAN FOR ADDITIONAL NOTES AND INFORMATION.
28. ELECTRICAL / A/V PANEL BOX. SEE ELECTRICAL AND AV DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
29. GAMING MACHINES / EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
30. DOOR - SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
31. DECORATIVE ACCESS CONTROL GATE WITH PANIC HARDWARE. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
32. DECORATIVE FAN AND LIGHTING FEATURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
33. ACOUSTIC FOLDING DOOR SYSTEM - BASIS OF DESIGN TO BE SKYFOLD 60 CLASSIC SERIES
34. DECORATIVE COLUMN WRAP. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
35. SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. SEE DETAIL 17/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
36. SEMI-RECESSED STANDPIPE / HOSE CABINET. SEE DETAIL 3/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
37. DIAMOND PLATE WAINSCOT WITH WALL / CORNER GUARDS IN ALL B.O.H. CORRIDORS. SEE DETAIL 5/A9.00.0 FOR ADDITIONAL INFORMATION.
38. WALL / COLUMN MOUNTED TV OR CEILING / POLE MOUNTED TV. SEE INTERIOR DESIGN, ELECTRICAL AND A/V DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED.
39. MILLWORK. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. BACKING REQUIREMENTS TO BE VERIFIED.
40. HIGH PRESSURE MESH SYSTEM AT CAN WASH. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
41. FLOOR DRAIN. SEE PLUMBING FOR ADDITIONAL NOTES AND INFORMATION.
42. FLOOR SINK / TRENCH DRAIN. SEE 17/A9.00.0 AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
43. JANITOR / MOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
44. HAND SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
45. FLOOR SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
46. FOOD SERVICE TROUGH DRAIN. SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
47. DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
48. DOCK BUMPER. SEE DETAIL A7/A9.00.1 FOR ADDITIONAL INFORMATION.
49. DOCK LEVELER.
50. CANOPY / OVERHANG / STRUCTURE ABOVE.
51. ELECTRICAL PANEL. SEE DETAIL 2/A9.00.0 AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
52. AUTOMATIC DOOR OPERATOR. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
53. LIGHT FIXTURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
54. CONCRETE BOLLARD. SEE DETAIL 8/9.00.0.
55. OPENABLE WALL PARTITION. PARTITION ABOVE A MINIMUM 6'-0" WIDE DOOR WHERE SHOWN ON PLANS. DOOR SHALL MEET ALL BOH CODES AND ORDINANCES FOR EGRESS AND ACCESSIBILITY. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND INFORMATION.
56. ROLL DOWN FIRE RESISTANCE RATED DOOR W/ SMOKE SEAL. SEE DETAIL 4/A9.00.0 AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
57. ROLL DOWN FIRE RESISTANCE RATED DOOR W/ SMOKE SEAL AND MOTOR. SEE DETAIL 4/A9.00.0 AND DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION. DOOR TO CLOSE UPON ACTIVATION OF FIRE ALARM SYSTEM. VERIFY AND COORDINATE ALL REQUIREMENTS WITH FIRE ALARM SYSTEM CONTRACTOR. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
58. BI-FOLD VISION DOOR SYSTEM. BASIS OF DESIGN IS DORMA INCORPORATED SST-II SYSTEM OR APPROVED EQUAL. SEE DOOR SCHEDULE, DOOR ELEVATIONS, AND A9.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISHES TO BE SELECTED BY INTERIOR DESIGNER. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
59. BI-FOLD SOLID PANEL DOOR SYSTEM. BASIS OF DESIGN IS DORMA INCORPORATED SST-II SYSTEM OR APPROVED EQUAL. SEE DOOR SCHEDULE, DOOR ELEVATIONS, AND A9.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISHES TO BE SELECTED BY INTERIOR DESIGNER. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION. DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
60. CONCRETE PAD EDGE AT 42" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
61. 1-1/2" DIA. GUARDRAIL AT 42" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
62. 1-1/2" DIA. HANDRAILS AT 34" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
63. OPEN GRATED STEEL STAIR AND LANDING. SEE ENLARGED PLANS AND SECTIONS, SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
64. MILLWORK PERIMETER SEATING SYSTEM. SEE FINISH NOTES AND ENLARGED PLANS AND SECTIONS FOR ADDITIONAL NOTES AND INFORMATION.
65. RAMP. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
66. 10'-0" HIGH CHAIN LINK FENCE.
67. SWEET DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
68. LOCKERS. SEE SHEET A6.00.1 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
69. OSHA COMPLIANT LADDER. SEE DETAIL 4/A9.07.0
70. B.O.H. MILLWORK FURNISHINGS AND EQUIPMENT. SEE A6.00.0 SERIES SHEETS FOR ENLARGED PLANS, ELEVATIONS, DETAILS AND ADDITIONAL NOTES AND INFORMATION.
71. EXTERIOR STOREFRONT WINDOW SYSTEM. SEE A0.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES AND INFORMATION. SEE A0.03.1 FOR WINDOW SCHEDULE AND VISION GLASS LOCATIONS, AND ADDITIONAL NOTES AND INFORMATION.
72. INTERIOR STOREFRONT WINDOW SYSTEM. SEE A0.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
73. STOREFRONT DOOR SYSTEM. SEE DOOR SCHEDULE, DOOR ELEVATIONS, AND A0.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
74. WINDOW SYSTEM WITH PASS THROUGH AND SPEAK HOLE. SEE SHEET A0.03.3 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
75. FRAMELESS GLASS STOREFRONT SYSTEM. SEE DOOR SCHEDULE AND SHEET A0.03.0 FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
76. AUTOMATIC SLIDING DOOR SYSTEM WITH BREAKAWAY EMERGENCY EXIT PANELS. SEE DOOR SCHEDULE AND SHEET A0.03.0 FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION. DOOR TO CLOSE UPON ACTIVATION OF FIRE ALARM SYSTEM.
77. EXTERIOR EXPANSION JOINT. SEE SHEET A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
78. INTERIOR EXPANSION JOINT / COVER. SEE SHEETS A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
79. SIGNAGE. REFER TO SIGN CONTRACTOR FOR FINAL SIZE, ATTACHMENT AND POWER REQUIREMENTS. ELECTRICAL CONTRACTOR TO PROVIDE POWER AS INDICATED ON ELECTRICAL DRAWINGS. SIGN CONTRACTOR TO COORDINATE ALL WORK WITH OWNER, GENERAL CONTRACTOR AND SUBCONTRACTORS FOR FINAL DESIGN, INSTALLATION AND CONSTRUCTION REQUIREMENTS.
80. GAS CONNECTOR. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
81. ELEVATOR. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION. SEE MECHANICAL, ELECTRICAL AND SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS AND NOTES / INFORMATION.
82. ELEVATOR CONTROL UNIT. SEE ELECTRICAL DRAWINGS AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. COORDINATE WITH ELEVATOR CONTRACTOR.
83. GREEN SCREEN TRELLIS PANEL. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
84. DECORATIVE METAL GRILL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
85. EMPLOYEE MAIL ORDERING KIOSKS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. OWNER PROVIDED, CONTRACTOR INSTALLED.
86. SIDEWALK. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
87. FINISH GRADE. SEE CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
88. LANDSCAPE AREA. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION.
89. PLANTER DRAIN. SEE PLUMBING AND LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. REFER TO LANDSCAPE DRAWINGS FOR FINAL LOCATIONS.
90. PLANTER. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
91. PRE-CAST CONCRETE SEAT WALL. SEE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
92. HEATED CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE, CIVIL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
93. TUBE STEEL SUPPORT COLUMNS TO BE WRAPPED WITH 5/8" GYPSUM BOARD FOR FIRE PROOFING
94. METAL GATE. SEE DOOR SCHEDULE AND SHEET A0.02.2 FOR ADDITIONAL NOTES AND INFORMATION.
95. DECORATIVE METAL FENCE. SEE SHEET A9.09.2 FOR ELEVATION AND ADDITIONAL NOTES AND INFORMATION.
96. P.O.S. LOCATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
97. ACCESSIBLE MILLWORK COUNTER LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
98. B.O.H. CORNER GUARDS, INSTALL UP TO 48" A.F.F.
99. 42" H. / 60"H. / 90"H DECORATIVE STAINLESS STEEL CORNER GUARDS UP TO CEILING. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
100. PASS-THRU WINDOW. SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
101. WINE DISPLAY UNIT. SEE INTERIOR DESIGN, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
102. MILLWORK, BOOTHS, FURNITURE / COUNTERS, DISPLAY, ARTWORK, BANQUETTES ETC. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED FOR ALL ITEMS SHOWN. CONTRACTOR TO COORDINATE ALL REQUIREMENTS WITH OWNER, INTERIOR DESIGNER AND ALL OTHER CONTRACTORS. SHOP DRAWINGS TO BE SUBMITTED TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
103. DECORATIVE WALL SCONCES. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
104. WALL FINISH. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISH NOTES AND INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
105. BAR TOP GAMING DEVICE. SEE INTERIOR DESIGN DRAWINGS FOR MILLWORK DETAILS AND ADDITIONAL NOTES. SEE ELECTRICAL AND TELECOM DRAWINGS.
106. MILLWORK BAR DIE AND TOP / MILLWORK BACKBAR. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
107. MILLWORK HOSTESS STATION. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
108. ACCESSIBLE COUNTER / BAR TOP GAMING LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL AND TELECOM.
109. RAISED PLATFORM WITH EDGE LIGHTING. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND NOTES.
110. PHOTO BOOTH. SEE INTERIOR DESIGN AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
111. CUSTOM ACOUSTIC PANEL. PAINT GROUP TO MATCH WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. PROVIDE STRUCTURAL SUPPORT AS REQUIRED.
112. INDUSTRIAL WINDOW. SEE A0.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES AND INFORMATION. SEE A0.03.1 FOR WINDOW SCHEDULE AND VISION GLASS LOCATIONS, AND ADDITIONAL NOTES AND INFORMATION. PROVIDE STRUCTURAL SUPPORT AS REQUIRED.
113. CUSTOM ACOUSTIC PANEL TOP HINGED BI-FOLD COUNTER TOP DOOR. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE STRUCTURAL DRAWINGS. SEE ALSO STRUCTURAL DRAWINGS FOR SUPPORT INFORMATION.
114. ACOUSTIC PANEL WALL. SEE INTERIOR DESIGN FOR FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION.
115. ASSISTIVE SOUND ISOLATION WALL SYSTEM. BASIS OF DESIGN: SONITUS OMMAX SYSTEM OR APPROVED EQUAL. SEE INTERIOR DESIGN DRAWINGS FOR WALL SYSTEM. SEE SHEET A9.05.1 FOR ADDITIONAL NOTES AND INFORMATION.
116. DOUBLE ACTING SWING DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
117. GLASS BLOCK TYE WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
118. DECORATIVE METAL SCREEN / LATTICE. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
119. DECORATIVE MILLWORK SCREEN. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
120. B.O.H. SECURITY GRILL. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
121. SECURED PASS-THRU UNIT. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
122. B.O.H. OFFICE FURNITURE / EQUIPMENT. OWNER PROVIDED AND INSTALLED.
123. SURVEILLANCE / SECURITY EQUIPMENT AND DISPLAYS. SEE SURVEILLANCE / SECURITY, ELECTRICAL / LOW VOLTAGE AND A/V DRAWINGS FOR ADDITIONAL REQUIREMENTS, INFORMATION AND NOTES.
124. BUILT UP CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, AND SHEET A6.01.1 FOR ADDITIONAL NOTES AND INFORMATION.
129. METAL COLUMN WRAP.

RIVERS CASINO
SCHENECTADY

KLAI JUBA WALD
architects

4444 W. Russell Road, Suite J
Las Vegas, NV 89118
(702) 221-2254

REGISTERED ARCHITECT
John R. Klai
025441
STATE OF NEW YORK

KJA Job Number: 14012

ISSUED/REVISED

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

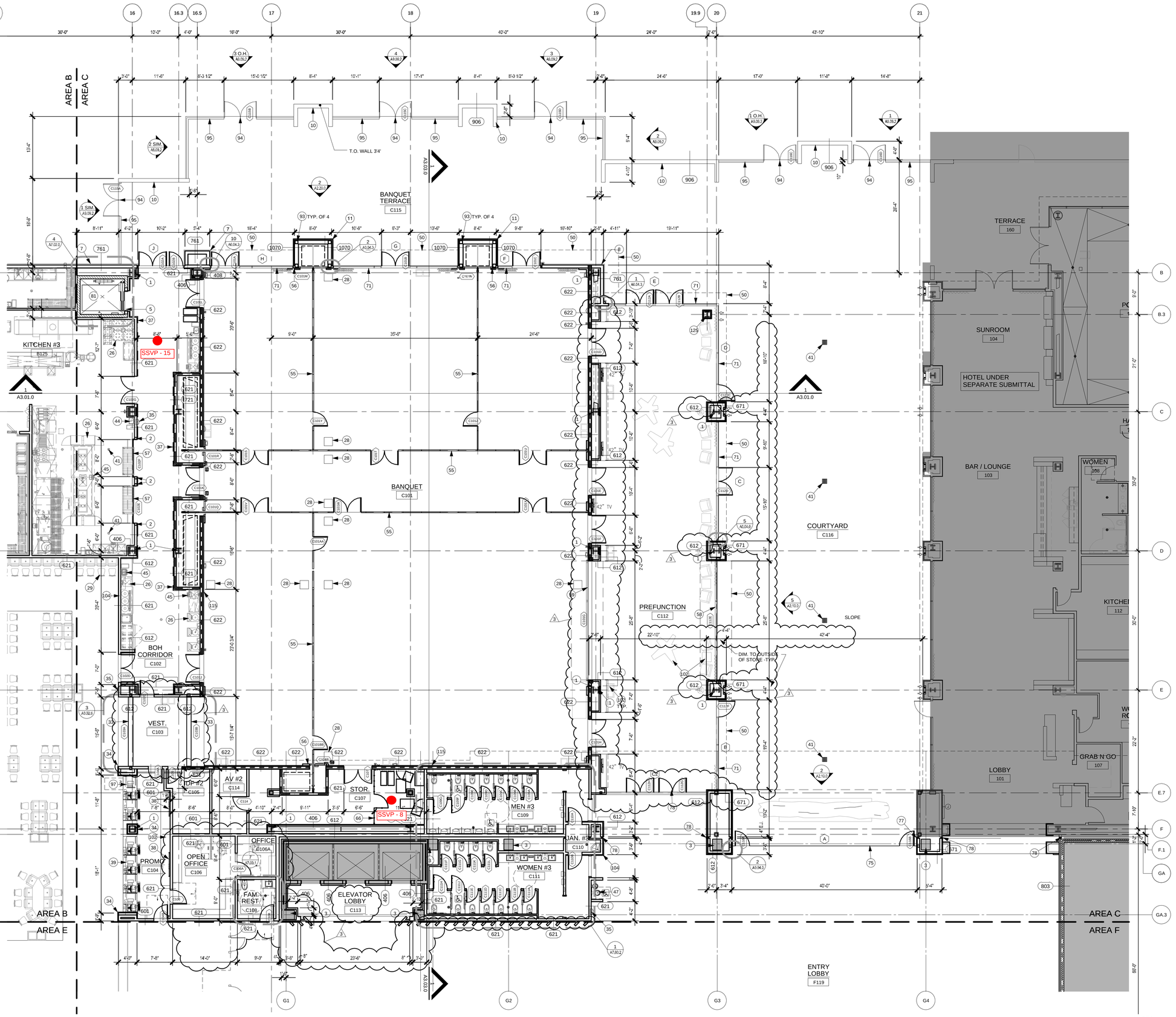
A | B | C
D | E | F

KEY PLAN

FLOOR PLAN
AREA B
LEVEL1

LOW RISE

A1.01.B



1 FLOOR PLAN - AREA C - LEVEL 1

1/8" = 1'-0"

NORTH

PLAN NORTH

KEY NOTES: FLOOR PLANS

SEE SHEET A0.00.2 FOR GENERAL NOTES, TYPICAL SYMBOLS, DEFERRED SUBMITTAL INFORMATION, AND ABBREVIATIONS

1. STEEL COLUMN / BRACE FRAMING / HSS COLUMN WITH SPRAY APPLIED FIREPROOFING. NOTE: VERIFY WITH STRUCTURAL ENGINEER OF RECORD FOR COLUMN CONDUCTING FIREPROOFING THICKNESS AND RELATED DETAILS TO SYSTEM BEING USED.
2. HSS COLUMN FOR BOLLARD DOOR / BI-FOLD DOOR / OPERABLE PARTITION WALL SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ARCHITECTURAL NOTES AND INFORMATION. SEE SHOP DRAWINGS FOR EXACT LOCATION.
3. CONCRETE COLUMN - NOT UNDER THIS SUBMITTAL. SEE GARAGE DRAWINGS FOR SIZES, NOTES AND ADDITIONAL INFORMATION.
4. CONCRETE WALL - SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTE AND INFORMATION.
5. CMU WALL - SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
6. METAL STUD FRAMING. SEE WALL TYPE SHEET AND PLANS FOR ADDITIONAL NOTES AND INFORMATION.
7. CONCRETE METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
8. RIBBED METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM SEE SHEET A9.05-0, PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
9. STONE VENEER THIN SET OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
10. STONE VENEER THIN SET OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
11. STONE PAVERS OVER ADHESIVE ON WATERPROOFING SYSTEM ON METAL DECK ROOFING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES
12. STONE EXTERIOR CLADDING APPLIED OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPE.
13. TEMPERED GLASS GUARDRAIL SYSTEM ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES AND INFORMATION.
14. EXTERIOR TEMPERED GLASS GUARDRAIL / PRIVACY SYSTEM - ON TOP OF CONCRETE WALL. SEE PLANS, SECTIONS AND A0.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
15. CONCRETE SLAB ON GRADE OVER VAPOR BARRIER ON GRADE. SEE STRUCTURAL DRAWING AND SOILS REPORT FOR ADDITIONAL NOTES AND INFORMATION.
16. CONCRETE ROOF METAL DECK, R-38 TO 4-INCH X 20GAUGE TONGUE MATING GALVANIZED ROOF DECK. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
17. BUILT-UP CONCRETE / CONCRETE TO DECK METAL PAN FILL AND ROOFING SYSTEM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
18. SLAB ON GRADE OVER STRUCTURAL FOAM. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
19. EXTRA CONCRETE SLAB ON GRADE FOR PLANTER. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
20. FINISHED FLOOR MATERIAL. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
21. 24"x 24" ACCESS FLOORING SYSTEM. BASIS OF DESIGN: TATE ACCESS FLOORS CONCEPTS 2000. SEE FLOOR PLANS SHEET A0.03.0 FOR ADDITIONAL NOTES AND INFORMATION.
22. ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
23. MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
24. PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
25. CONCRETE EQUIPMENT PAD. VERIFY LAYOUT, THICKNESS AND SIZE REQUIREMENTS WITH EQUIPMENT MANUFACTURER. SEE ELECTRICAL / MECHANICAL / ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
26. FOOD SERVICE EQUIPMENT. SEE FOODSERVICE, ELECTRICAL / MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
27. PLUMBING FIXTURE. SEE INTERIOR DESIGN AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
28. ELECTRICAL / AV EQUIPMENT BOX. SEE ELECTRICAL AND AV DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
29. GAMING MACHINES / EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
30. DOOR - SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
31. DECORATIVE ACCESS CONTROL GATE WITH PANIC HARDWARE. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
32. DECORATIVE FAN AND LIGHTING FEATURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
33. ACOUSTIC FOLDING DOOR SYSTEM - BASIS OF DESIGN TO BE SKYFOLD 60 CLASSIC SERIES
34. DECORATIVE COLUMN WRAP. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
35. STAIR RECESSED FIRE EXTINGUISHER CABINET - AND FIRE EXTINGUISHER. SEE A0.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO COORDINATE WITH OWNER AND PROVIDE SHOP DRAWINGS FOR REVIEW.
36. SEMI-RECESSED STANDPIPE / HOSE CABINET. SEE DETAIL S/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
37. DIAMOND PLATE WAINSCOT WITH WALL / CORNER GUARDS IN ALL B.O.H. CORRIDORS. SEE DETAIL S/A9.00.0 FOR ADDITIONAL INFORMATION.
38. WALL / COLUMN MOUNTED TV OR CEILING / POLE MOUNTED TV. SEE INTERIOR DESIGN, ELECTRICAL AND A/V DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIRED INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED.
39. MILLWORK. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL INFORMATION. MILLWORK SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. BACKING REQUIREMENTS TO BE VERIFIED.
40. HIGH PRESSURE WASH SYSTEM AT CAN WASH. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
41. FLOOR DRAIN. SEE PLUMBING FOR ADDITIONAL NOTES AND INFORMATION.
42. NOTCH FOR DEPRESSED SLAB AT TOILET ROOMS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. S7/A9.00.0 AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
43. JANITOR / MOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
44. HAND SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
45. FLOOR SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
46. FOOD SERVICE TROUGH DRAIN. SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
47. DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
48. DOCK BUMPER. SEE DETAIL A7/A9.00.1 FOR ADDITIONAL INFORMATION.
49. DOCK LEVELER.
50. CANOPY / OVERHANG / STRUCTURE ABOVE.
51. ELECTRICAL PANEL. SEE DETAIL 2/A9.00.0 AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
52. AUTOMATIC DOOR OPERATOR. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
53. LIGHT FIXTURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
54. CONCRETE BOLLARD. SEE DETAIL 8/9.00.0.
55. OPERABLE WALL PARTITION. PROVIDE A MINIMUM 3'-0" WIDE DOOR WHERE SHOWN ON PLANS. DOOR PANEL MEET ALL CODES AND ORDINANCES FOR EGRESS AND ACCESSIBILITY. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND ARCHITECTURAL REQUIREMENTS. SEE STRUCTURAL DRAWINGS FOR SUPPORT DETAILS AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND INFORMATION.
56. OPERABLE WALL PARTITION POCKET DOOR. REFER DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
57. ROLL-DOWN OVERHEAD INSULATED DOOR WITH TOP MOUNT MOTOR. KEY SWITCH LOCATED ON EACH SIDE OF DOOR. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACT TO PROVIDE SHOP DRAWINGS TO ARCHITECT PRIOR TO FABRICATION. VERIFY DIMENSIONS AT FIELD. ALL ENGINEERING REQUIREMENTS / CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
58. BI-FOLD DOOR SYSTEM - BASIS OF DESIGN IS CROWN INCORPORATED SST-II INVISIFOLD W FOLD SYSTEM. VERIFY AND COORDINATE ELECTRICAL, MECHANICAL AND STRUCTURAL REQUIREMENTS WITH MANUFACTURER AND OTHER TRADES. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISHES AND ADDITIONAL NOTES AND INFORMATION.
59. BI-FOLD SOLID PANEL DOOR SYSTEM. BASIS OF DESIGN IS CROWN INCORPORATED SST-II INVISIFOLD W FOLD SYSTEM. VERIFY AND COORDINATE ELECTRICAL, MECHANICAL AND STRUCTURAL REQUIREMENTS WITH MANUFACTURER AND OTHER TRADES. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISHES AND ADDITIONAL NOTES AND INFORMATION. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
60. CONCRETE PAD FILLED FOR SLOPE OVER LOWER ELEVATION. SEE SHEET A9.06.0 FOR ADDITIONAL NOTES AND INFORMATION.
61. 6-1/2" DIA. HANDRAILS AT 34" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
62. 1-1/2" DIA. HANDRAILS AT 34" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
63. OPEN GRATE STEEL STAIR AND LANDING. SEE ENLARGED PLANS AND SECTIONS, SHEET A9.06.0 AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
64. REQUIRED IN PLACE REINFORCED CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, AND SHEET A9.06.0 FOR ADDITIONAL NOTES AND INFORMATION.
65. RAMP. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
66. 10'-0" HIGH CHAIN LINK FENCE.
67. ADDIT / ADO. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
68. LOCKERS. SEE SHEET A6.00.1 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
69. OSHA COMPLIANT LADDER. SEE DETAIL 4/A9.07.0
70. B.O.H. MILLWORK FURNISHINGS AND EQUIPMENT. SEE A6.00.0 SERIES SHEETS FOR ENLARGED PLANS, ELEVATIONS, DETAILS AND ADDITIONAL NOTES AND INFORMATION.
71. EXTERIOR STOREFRONT WINDOW SYSTEM. SEE A0.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION. SEE A0.03.1 FOR VISION GLASS LOCATIONS, AND ADDITIONAL NOTES AND INFORMATION.
72. INTERIOR STOREFRONT WINDOW SYSTEM. SEE A0.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
73. STOREFRONT DOOR SYSTEM. SEE DOOR SCHEDULE, DOOR ELEVATIONS, AND A0.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
74. WINDOW SYSTEM WITH PASS THROUGH AND SPEAK HOLE. SEE SHEET A0.03.3 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
75. FRAMELESS GLASS STOREFRONT SYSTEM. SEE DOOR SCHEDULE AND SHEET A0.03.0 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
76. AUTOMATIC SLIDING DOOR SYSTEM WITH (RF) AS-BUILT EMERGENCY EXIT PANELS. SEE DOOR SCHEDULE AND SHEET A0.03.0 FOR ELEVATION AND ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
77. EXTERIOR EXPANSION JOINT. SEE SHEET A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
78. INTERIOR EXPANSION JOINT / COVER. SEE SHEETS A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
79. SIGNAGE. ENTRY TO NON-CONTRACTOR FOR FINAL DATA, ATTACHMENT AND POWER REQUIREMENTS. CONTRACTOR TO REVIEW SIGNAGE REQUIREMENTS AND PROVIDE SHOP DRAWINGS FOR REVIEW. CONTRACTOR TO COORDINATE WITH OWNER, SIGN CONTRACTOR AND HIS SUBCONTRACTORS FOR FINAL DESIGN, INSTALLATION AND CONSTRUCTION OF SIGN DETAILS.
80. GAS LOCATOR. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
81. ELEVATOR. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION. SEE MECHANICAL, ELECTRICAL AND SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS AND NOTES / INFORMATION.
82. ELEVATOR CONTROL UNIT. SEE ELECTRICAL DRAWINGS AND SHOP DRAWINGS FOR ADDITIONAL NOTES, INFORMATION AND REQUIREMENTS.
83. GRATE IN SCREEN TRELLIS PANEL. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
84. DECORATIVE SECURITY GRILL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
85. EMPLOYEE MEAL ORDERING KIOSKS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. OWNER PROVIDED, CONTRACTOR INSTALLED.
86. SIDEWALK. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
87. FINISH GRADE. SEE CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
88. LANDSCAPE AREA. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION.
89. PLANTER DRAIN. SEE PLUMBING AND LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. REFER TO LANDSCAPE DRAWINGS FOR FINAL LOCATIONS.
90. PLANTER. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
91. PED-GRATED CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
92. HEATED CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE, CIVIL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
93. TUBE STEEL SUPPORT COLUMNS TO BE WRAPPED WITH 5/8" GYPSUM BOARD AT FIRE PROOFING
94. METAL GATE. SEE DOOR SCHEDULE AND SHEET A0.02.2 FOR ADDITIONAL NOTES AND INFORMATION.
95. DECORATIVE METAL FENCE. SEE SHEET A9.09.2 FOR ELEVATION AND ADDITIONAL NOTES AND INFORMATION.
96. P.O.S. LOCATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
97. ACCESSIBLE MILLWORK COUNTER LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
98. B.O.H. CORNER GUARDS, INSTALL UP TO 48" A.F.F.
99. 42" (+/-) GOOSENECK AREA STAINLESS STEEL CORNER GUARD UP TO 48" A.F.F. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
100. PASS-THRU WINDOW. SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
101. WINE DISPLAY UNIT. SEE INTERIOR DESIGN, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
102. MILLWORK, BOOTHS, FURNITURE / COUNTERS, DISPLAY, ARTWORK, BANQUETTE SEATING, BANQUETTE TABLES, BAR TOP GAMING DEVICE, BAR TOP BASE, BAR TOP, ETC. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISHES AND ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION AS PER CONFIGURATION. CONTRACTOR TO COORDINATE WITH OWNER AND ALL SUBCONTRACTORS FOR FINAL DESIGN, INSTALLATION AND CONSTRUCTION OF ALL ITEMS. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
103. DECORATIVE WALL SCONCES. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
104. WALL FINISH. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISH INFORMATION. REFLECTION REQUIREMENTS FOR ADDITIONAL NOTES AND INFORMATION.
105. BAR TOP GAMING DEVICE. SEE INTERIOR DESIGN DRAWINGS FOR MILLWORK DETAILS AND ADDITIONAL NOTES. SEE ALSO ELECTRICAL AND TELECOM DRAWINGS.
106. MILLWORK BAR DIE AND TOP / MILLWORK BACKBAR. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
107. MILLWORK HOSTESS STATION. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
108. ACCESSIBLE COUNTER / BAR TOP GAMING LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND INFORMATION. SEE ALSO ELECTRICAL AND TELECOM.
109. RAISED PLATFORM WITH EDGE LIGHTING. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
110. PHOTO BOOTH. SEE INTERIOR DESIGN AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
111. CUSTOM ACOUSTIC PANEL. PIVOT DOORS WITH LIGHT FEATURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
112. INDUSTRIAL MEZZANINE. SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. PROVIDE STRUCTURAL DRAWINGS AND INSTALLATION DETAILS FOR STRUCTURAL DRAWINGS FOR SUPPORT DETAILS AND INFORMATION. SEE ALSO STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
113. CUSTOM ACOUSTIC PANEL TOP HINGED BI-FOLD COUNTER TOP DOOR. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
114. ACOUSTIC PANEL WALL. SEE INTERIOR DESIGN FOR FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION.
115. ACOUSTIC SOUND ISOLATION WALL SYSTEM. BASIS OF DESIGN: KINETICS ISOMAX ISOLATION WALL SYSTEM OR EQUAL. SEE DETAIL 3/A9.00.0 FOR WALL SYSTEM. SEE SHEET A9.00.0 FOR ADDITIONAL NOTES AND INFORMATION.
116. DOUBLE ACTING SWING DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
117. GLASS BLOCK TILE WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
118. DECORATIVE METAL SCREEN / LATTICE. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATION FOR ADDITIONAL NOTES AND INFORMATION.
119. DECORATIVE MILLWORK SCREEN. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
120. B.O.H. SECURITY GRILL. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
121. SECURED PASS-THRU UNIT. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
122. B.O.H. OFFICE FURNITURE / EQUIPMENT. OWNER PROVIDED AND INSTALLED.
123. SURVEILLANCE / SECURITY EQUIPMENT AND DISPLAYS. SEE SURVEILLANCE / SECURITY, ELECTRICAL / LOW VOLTAGE AND A/V DRAWINGS FOR ADDITIONAL REQUIREMENTS, INFORMATION AND NOTES.
124. BUILT-UP CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, AND SHEET A9.06.1 FOR ADDITIONAL NOTES AND INFORMATION.
129. METAL COLUMN WRAP.

RIVERS CASINO
SCHENECTADY

KLAI JUBA WALD
architects

4444 W. Russell Road, Suite J
Las Vegas, NV 89118
(702) 221-2254

REGISTERED ARCHITECT John R. Klai 025447 STATE OF NEW YORK

KJA Job Number: 14012

ISSUED/REVISED

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

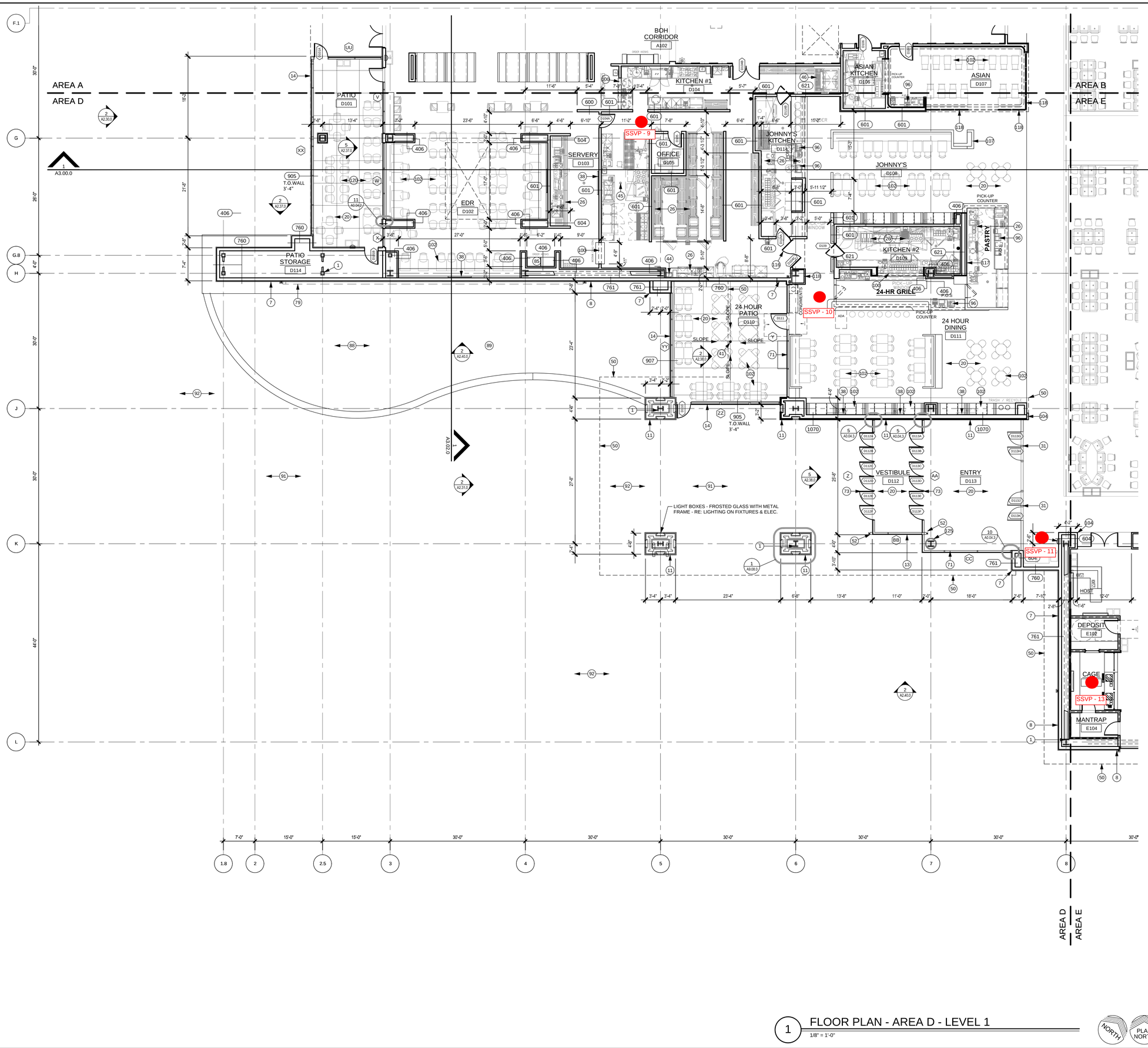
A | B | C
D | E | F

KEY PLAN

FLOOR PLAN
AREA C
LEVEL 1

LOW RISE

A1.01.C



1 FLOOR PLAN - AREA D - LEVEL 1

1/8" = 1'-0"

NORTH PLAN NORTH

KEY NOTES: FLOOR PLANS

SEE SHEET A0.00.2 FOR GENERAL NOTES, TYPICAL SYMBOLS, DEFERRED SUBMITTAL INFORMATION, AND ABBREVIATIONS

1. STEEL COLUMN / BRACE FRAMING / LOSS COLUMN WITH SPRAY APPLIED FIREPROOFING TO ACHIEVE 2 HOUR FIRE RATING PER CONSTRUCTION TYPE. SEE DETAILS 2/A9.00.0 FOR FIREPROOFING THICKNESS AND RELATED DETAILS TO SYSTEM BEING USED.
2. VOLUME DOOR FOR ROLL DOWN DOOR / BI-FOLD DOOR / OPERABLE PARTITION WALL SYSTEM. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION AND NOTES AND ANNOTATION OF SHOP DRAWINGS FOR EXACT LOCATION.
3. CONCRETE COLUMN - NOT UNDER TWIN-SUMMITT'S. SEE GARAGE DRAWINGS FOR SIZES, NOTES AND ADDITIONAL INFORMATION.
4. CONCRETE WALL. SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTE AND INFORMATION.
5. CMU WALL. SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
6. METAL STUD FRAMING. SEE WALL TYPE SHEET AND PLANS FOR ADDITIONAL NOTES AND INFORMATION.
7. CONCRETE OR TILE PANEL / SYSTEM INSTALLED OVER METAL STUD FRAMING SYSTEM. SEE WALL TYPE SHEET AND PLANS FOR ADDITIONAL NOTES AND INFORMATION.
8. PLUMBING FIXTURE. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO INTERIOR DESIGN DRAWINGS FOR FINISH AND MOUNTING HEIGHTS.
9. STONE / INTERIOR CLADDING ATTACHMENT SYSTEM OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL NOTES AND INFORMATION. SEE WALL TYPES
10. CONCRETE WATER GARDENS AND RECESSED MORTAR PUTTING BED ON TOP OF CONCRETE WALL. SEE PLANS FOR ADDITIONAL NOTES AND INFORMATION. SEE WALL TYPE
11. TEMPERED GLASS GUARDRAIL SYSTEM ON TOP OF CONCRETE WALL. SEE PLANS AND WALL TYPES FOR ADDITIONAL NOTES AND INFORMATION.
12. METAL RAILING SYSTEM ON TOP OF CONCRETE WALL SYSTEM OR CONCRETE WALL. SEE PLANS AND WALL TYPES FOR ADDITIONAL NOTES AND INFORMATION.
13. CONCRETE SLAB ON GRADE OVER VAPOR BARRIER AND GRAVEL BED. SEE STRUCTURAL DRAWINGS AND SOILS REPORT FOR ADDITIONAL NOTES AND INFORMATION.
14. CONCRETE PATH MAT / SLAB - SLOPE TO DRAIN A MINIMUM 1/4" AND BROOM FINISH. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
15. BUILT-UP ROOFING SYSTEM ON TOP OF STRUCTURAL DECK. SEE ROOF PLAN AND ROOFING SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
16. PATIO PAVER CONNECTED TO DRAIN SYSTEM. SEE PLANS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
17. PLANTING WATER FEATURE. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
18. RTU / AHU / EF / EXHAUST FAN. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
19. PATIO HEATER. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
20. FIXED FLOOR MOUNTED PLANTER. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
21. ACT, 24" GRID SUSPENDED CEILING SYSTEM - BASIS OF DESIGN - TBD / GOLD TO OPEN. SEE REFLECTED CEILING PLANS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
22. FACTORY EQUIPMENT. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
23. MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
24. PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
25. CONCRETE EQUIPMENT PAD. VERIFY LAYOUT, THICKNESS AND SIZE REQUIREMENTS WITH EQUIPMENT MANUFACTURER SPECIFICATIONS. SEE MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
26. DOOR/GATE EQUIPMENT. SEE SPECIFICATIONS & ELECTRICAL / MECHANICAL AND ADDITIONAL NOTES AND INFORMATION.
27. EMERGENCY GENERATOR. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
28. GAMING MACHINES / EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
29. DOOR - SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
30. DECORATIVE ACCESS CONTROL DATA WITH PANIC HARDWARE. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
31. DECORATIVE TOY AND LOCKING FEATURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
32. ACOUSTIC FOLDING DOOR SYSTEM - BASIS OF DESIGN TO BE SKYFOLD 60 CLASSIC SERIES
33. CONVEYOR / CONVEYOR OPENING. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
34. SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. SEE DETAIL 1/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
35. SEMI-RECESSED STANDARD / HOSE CABINET. SEE DETAIL 3/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
36. DIAMOND PLATE WAINSCOT WITH WALL / CORNER GUARDS IN ALL B.O.H. CORRIDORS. SEE DETAIL 7/A9.00.0 FOR ADDITIONAL INFORMATION
37. WALL / COLUMN MOUNTED TV OR CEILING / POLE MOUNTED TV. SEE INTERIOR DESIGN, ELECTRICAL AND A/V DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED.
38. MILLWORK. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA TO FABRICATION. BACKING REQUIRED PER THESE NOTES.
39. HIGH PRESSURE MIST SYSTEM AT COOK WASH. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
40. FLOOR DRAIN. SEE PLUMBING FOR ADDITIONAL NOTES AND INFORMATION.
41. TRENCH DRAIN. SEE DETAIL 7/A9.00.0 AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
42. JANITOR / MOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
43. HAND SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
44. FLOOR SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
45. FOOD SERVICE TRICH/SH DRAIN. SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
46. DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
47. DOCK BUMPER. SEE DETAIL 4/A9.00.1 FOR ADDITIONAL INFORMATION.
48. DOCK LEVELER.
49. CANOPY / OVERHANG / STRUCTURE ABOVE.
50. ELECTRICAL PANEL. SEE DETAIL 2/A9.00.0 AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
51. AUTOMATIC DOOR OPERATOR. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
52. LIGHT FIXTURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
53. CONCRETE BOLLARD. SEE DETAIL 8/9.00.0.
54. OPERABLE WALL PARTITION. PROVIDE A MINIMUM 3'-0" WIDE DOOR WHERE SHOWN ON PLANS. MAINTAIN WALL RATINGS AT OPERABLE PARTITION AND DOOR. SEE DETAIL 1/A9.00.0 FOR ADDITIONAL INFORMATION. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND INFORMATION.
55. OPERABLE WALL / PARTITION SYSTEM. SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL NOTES AND INFORMATION.
56. ROLL DOWN DOOR - SEE DETAIL 10/A9.00.0 FOR TOP MOUNT MOTOR, BTY SWITCH, AND SAFETY EDGE OPERATION. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND INFORMATION. PROVIDE SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
57. BI-FOLD VISION DOOR SYSTEM. BASIS OF DESIGN IS CROWN INCORPORATED 557-E ALUMINUM CLAD WOOD DOOR SYSTEM. VERIFY OPENING SIZE REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
58. BI-FOLD SOLID PANEL DOOR SYSTEM - BASIS OF DESIGN IS CROWN INCORPORATED 557-H ALUMINUM CLAD WOOD DOOR SYSTEM. VERIFY OPENING SIZE REQUIREMENTS WITH MANUFACTURER'S SPECIFICATIONS. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
59. SLIDING DOOR SYSTEM WITH BREAKAWAY EMERGENCY EXIT PANELS. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
60. CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, SHEET A9.06.0 AND STAIR DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
61. 1-1/2" DIA. HANDRAIL AT 42" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND STAIR DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
62. 1-1/2" DIA. GUARDRAIL AT 42" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND STAIR DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
63. OPEN GRATE STEEL STAIR AND LANDING. SEE PREFABRICATED PLANS AND SECTIONS, SHEET A9.06.0 AND STAIR DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
64. POURED IN PLACE REINFORCED CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, SHEET A9.06.0 AND STAIR DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
65. RAMP. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
66. 10'-0" HIGH CHAIN LINK FENCE.
67. KNOCK DOWN. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
68. LOCKERS. SEE SHEET A6.00.3 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
69. OSHA COMPLIANT LADDER. SEE DETAIL 4/A9.07.0
70. FLAT PANEL DISPLAY SYSTEM(S). SEE ELEVATIONS, SEE A6.00.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
71. EXTERIOR STOREFRONT WINDOW SYSTEM. SEE A9.03.0 SERIES SHEETS FOR ELEVATIONS AND INDICATION OF GLAZING TYPES AND WINDOW GLASS LOCATIONS, AND ADDITIONAL NOTES AND INFORMATION.
72. INTERIOR STOREFRONT WINDOW SYSTEM. SEE A9.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
73. STOREFRONT DOOR SYSTEM. SEE DOOR SCHEDULE, DOOR ELEVATIONS, AND A9.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
74. WINDOW WITH PASS THROUGH AND SPEAK HOLE. SEE SHEET A9.03.3 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
75. FRAMELESS GLASS STOREFRONT SYSTEM. SEE DOOR SCHEDULE AND SHEET A9.03.0 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
76. AUTOMATIC SLIDING DOOR SYSTEM WITH BREAKAWAY EMERGENCY EXIT PANELS. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
77. EXTERIOR FIXED WINDOWS. SEE SHEET A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. SEE WINDOW SCHEDULE ON SHEET A9.03.1 FOR ADDITIONAL INFORMATION.
78. INTERIOR EXPANSION JOINT / COVER. SEE SHEET A9.05.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
79. SIGNAGE. REFER TO SIGN CONTRACTOR FOR FINAL SIZE, ATTACHMENT AND POWER REQUIREMENTS. SIGN CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR COMMENCEMENT OF INSTALLATION. CONTRACTOR TO COORDINATE ALL ELECTRICAL REQUIREMENTS FOR DESIGN, INSTALLATION AND CONNECTION OF SIGN SUPPLIED.
80. GAS CONNECTOR. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
81. ELEVATOR. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION. SEE MECHANICAL AND SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS AND NOTES / INFORMATION.
82. ELEVATOR CONTROL UNIT. SEE ELECTRICAL DRAWINGS AND SHOP DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION AND REQUIREMENTS.
83. GREEN SCREEN TRELLIS PANEL. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
84. DECORATIVE SECURITY GRILL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
85. EMPLOYEE MEAL ORDERING BOOTH. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. OWNER PROVIDED, CONTRACTOR INSTALLED.
86. SIDEWALK. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
87. FINISH GRADE. SEE CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
88. LANDSCAPE AREA. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION.
89. PLANTER DRAIN. SEE PLUMBING AND LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. REFER TO LANDSCAPE DRAWINGS FOR FINAL LOCATIONS.
90. PLANTER. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
91. DECORATIVE CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
92. HEATED CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE, CIVIL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
93. TUBE STEEL SUPPORT COLUMNS TO BE WRAPPED WITH 5/8" GYPSUM BOARD
94. MATCH EXISTING
95. NOTE & DETAIL SEE DOOR SCHEDULE AND SHEET A0.02.2 FOR ADDITIONAL NOTES
96. DECORATIVE METAL FENCE. SEE SHEET A9.09.2 FOR ELEVATION AND ADDITIONAL NOTES AND INFORMATION.
97. F.O.S. LOCATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
98. ACCESSIBLE MILLWORK COUNTER LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
99. B.O.H. CORNER GUARDS, INSTALL UP TO 48" A.F.F.
100. KITCHEN / FOOD SERVICE AREA STAINLESS STAINLESS STEEL CORNER GUARDS UP TO 48" A.F.F. - SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
101. PASS-THRU WINDOW. SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
102. WORK BY OTHERS. SEE INTERIOR DESIGN, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
103. MILLWORK, BOOTHS, FURNITURE, COUNTERS, DISPLAY, ARTWORK, BANQUETTE, CASEWORK, ETC. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ITEMS AS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED. INFORMATION, CONTRACTOR TO PROVIDE SAMPLES AND SUBMITTALS FOR ALL ITEMS NOTED AS SUPPLIED AND FURNISHED BY CONTRACTOR AND SUBMITTED AS A SHOP DRAWING REVIEW.
104. DECORATIVE WALL SCONCE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
105. WALL FINISH. SEE INTERIOR DESIGN DRAWINGS AND LOCATIONS FOR FINISH INSTALLATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL INFORMATION.
106. BAR TOP GUARD DEVICE. SEE INTERIOR DESIGN DRAWINGS FOR MILLWORK DETAILS AND ADDITIONAL NOTES. SEE ELECTRICAL AND TELECOM DRAWINGS.
107. MILLWORK BASE AND TOP / ENCLOSURE BRACKING. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL DRAWINGS.
108. MILLWORK SHELVES AND ACCESSORIES. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES, AND ADDITIONAL NOTES AND INFORMATION.
109. ACCESSIBLE COUNTER / BAR TOP LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL AND TELECOM.
110. RAISED PLATFORM WITH LIGHTING. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND NOTES.
111. FIXED BOOTH. SEE INTERIOR DESIGN AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
112. FLOATING ACOUSTIC PANEL. PROVIDE DOORS WITH LIGHT FEATURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
113. "INDUSTRIAL WINDOW" GLASS AND METAL WALL. SEE INTERIOR DESIGN DRAWINGS AND FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION. PROVIDE STRUCTURAL SUPPORT AS REQUIRED.
114. CUSTOM ACOUSTIC PANEL TOP HINGED BI-FOLD COUNTER TOP DOOR. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO STRUCTURAL DRAWINGS FOR SUPPORT INFORMATION.
115. ACOUSTIC WALL PANEL SYSTEM. SEE INTERIOR DESIGN DRAWINGS FOR FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION. PROVIDE STRUCTURAL SUPPORT AS REQUIRED.
116. ACOUSTIC SOUND ISOLATION WALL SYSTEM. BASIS OF DESIGN: KINETICS GOMAX 471 STC SOUND ISOLATION FOR A TOTAL WALL THICKNESS OF 6" METAL STUD WALL SYSTEM. SEE SHEET A9.00.1 FOR ADDITIONAL NOTES AND INFORMATION.
117. FOR ADDITIONAL NOTES, SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
118. GLASS BLOCK / BLOCK WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
119. DECORATIVE METAL SCREEN / LATTICE. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATION FOR ADDITIONAL NOTES AND INFORMATION.
120. DECORATIVE ARCHITECTURAL SCREEN. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
121. B.O.H. SECURITY GRILL. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
122. SECURED PASS-THRU UNIT. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
123. B.O.H. OFFICE FURNITURE / EQUIPMENT. OWNER PROVIDED AND INSTALLED.
124. SURVEILLANCE / SECURITY EQUIPMENT AND DISPLAYS. SEE SURVEILLANCE / SECURITY, INTERIOR DESIGN, LIGHTING, AND A/V DRAWINGS FOR ADDITIONAL REQUIREMENTS, INFORMATION AND NOTES.
125. BUILT UP CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, AND SHEET A9.06.1 FOR ADDITIONAL NOTES AND INFORMATION.
126. METAL COLUMN WRAP.

RIVERS CASINO
SCHENECTADY

KLAI JUBA WALD
architects

4444 W. Russell Road, Suite J
Las Vegas, NV 89118
(702) 221-2254

REGISTERED ARCHITECT John R. Klai 023141 STATE OF NEW YORK

KJA Job Number: 14012

ISSUED/REVISED

NO:	DESCRIPTION	DATE:
	ISSUE FOR CONSTRUCTION	11-25-15

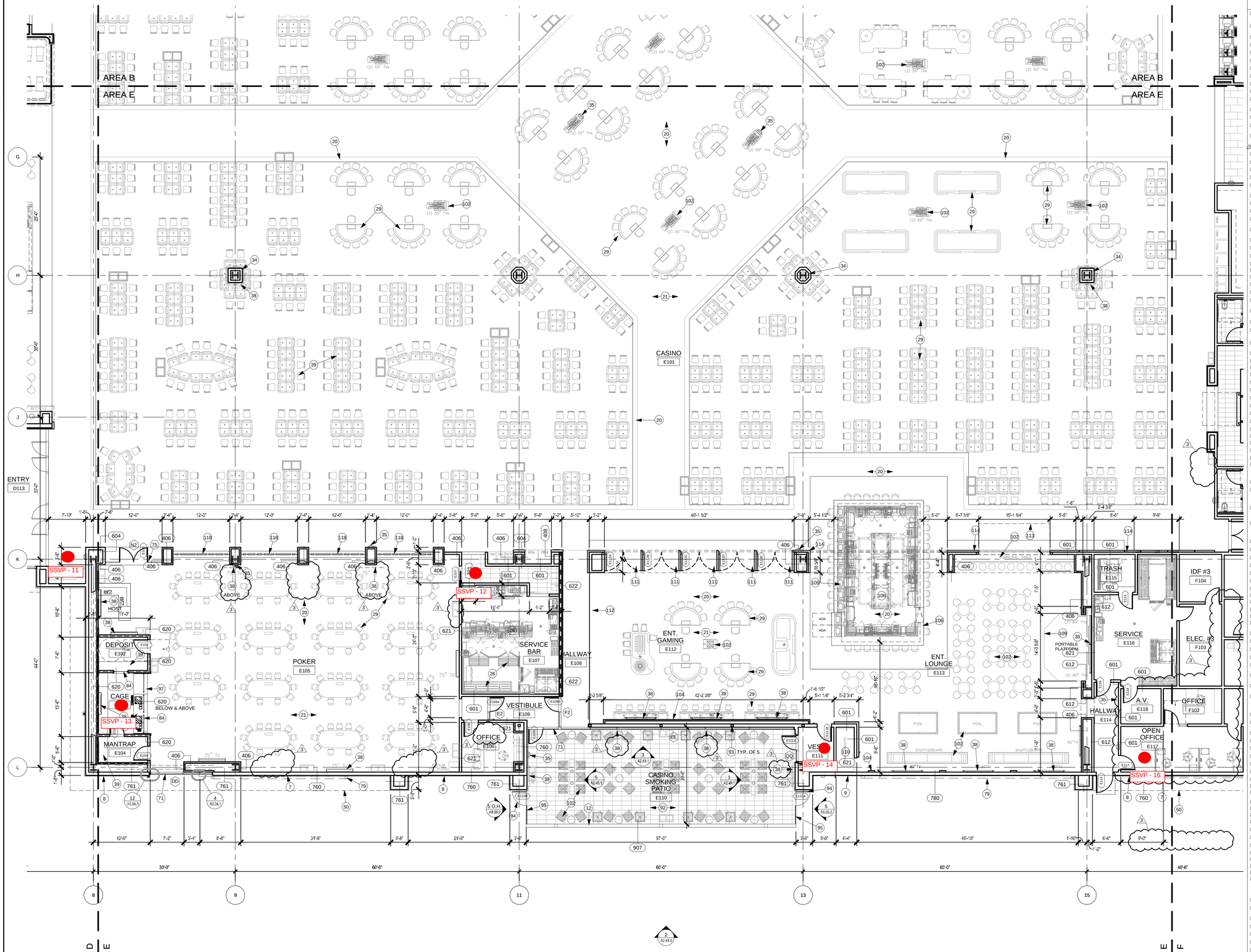
A B C
D E F

KEY PLAN

FLOOR PLAN AREA D LEVEL 1

LOW RISE

A1.01.D



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

NORTH PLAN NORTH

KEY NOTES: FLOOR PLANS

SEE SHEET A0.00.2 FOR GENERAL NOTES, TYPICAL SYMBOLS, DEFERRED SUBMITTAL INFORMATION, AND ABBREVIATIONS

1. STEEL COLUMN / BRACE FRAMING / HSS COLUMN WITH SPRAY APPLIED FIREPROOFING. NOTE: UNO INDICATED ON PLANS AND/OR STRUCTURAL DRAWINGS, ALL EXPOSED STEEL COLUMNS, BEAMS AND BRACES SHALL BE PROTECTED WITH SPRAY APPLIED FIREPROOFING THICKNESS AND RELATED DETAILS TO SYSTEM BEING USED.
2. HSS COLUMN FOR BULL DOWN DOOR / BI-FOLD DOOR / OPERABLE PARTITION WALL SYSTEM. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE SHOP DRAWINGS FOR EXACT LOCATION.
3. CONCRETE COLUMN - NOT UNDER THIS SUBMITTAL. SEE GARAGE DRAWINGS FOR SIZES, NOTES AND ADDITIONAL INFORMATION.
4. CONCRETE WALL - SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTE AND INFORMATION.
5. CMU WALL - SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
6. METAL STUD FRAMING. SEE WALL TYPE SHEET AND PLANS FOR ADDITIONAL NOTES AND INFORMATION.
7. CONFIDENCE METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
8. RIBBED METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM SEE SHEET A9.05-0, PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
9. STONE VENEER OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
10. STONE VENEER THIN SET OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
11. SIMPLE PANEL OR SIDING APPLIED OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES
12. STONE EXTERIOR CLADDING APPLIED OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPE.
13. TEMPERATURE GLAZED OPENING SYSTEM ON TOP OF CONCRETE WALL. SEE PLANS AND WALL TYPES SHEETS FOR ADDITIONAL INFORMATION AND NOTES.
14. EXTERIOR STOREFRONT GLAZING / PRODUCT SYSTEM - ON TOP OF CONCRETE WALL. SEE PLANS, ELEVATIONS AND A0.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
15. CONCRETE SLAB ON GRADE OVER VAPOR BARRIER AS INDICATED ON STRUCTURAL DRAWINGS AND SOILS REPORT FOR ADDITIONAL NOTES AND INFORMATION.
16. CONCRETE ROOF METAL DECK, P-METAL PAN & APPROVED TOUCH UP PAINTING. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
17. BUILT-UP ROOFING SYSTEM OVER CONCRETE ROOF METAL DECK. SEE TOP SHEET STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
18. CONCRETE FILLED STEEL PIPE BOLLARD. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
19. RAISED CONCRETE SLAB ON GRADE - SEE PLANS FOR ADDITIONAL NOTES AND INFORMATION.
20. FINISHED FLOOR MATERIAL. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
21. 24"x 24" ACCESS FLOORING SYSTEM - BASIS OF DESIGN: TATE ACCESS FLOORS, FLOATING FLOOR. SEE SLAB EDGE SHEET A0.03.0 FOR ADDITIONAL NOTES AND INFORMATION.
22. ELECTRICAL EQUIPMENT - SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
23. MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
24. AUDIO VISUAL EQUIPMENT. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
25. CONCRETE EQUIPMENT PAD. VERIFY LAYOUT, THICKNESS AND SIZE REQUIREMENTS WITH EQUIPMENT MANUFACTURER. SEE STRUCTURAL, MECHANICAL / ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
26. FOOD SERVICE EQUIPMENT. SEE FOOD SERVICE, ELECTRICAL / MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
27. PLUMBING FIXTURE. SEE INTERIOR DESIGN AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
28. ELECTRICAL / DATA OUTLET BOX. SEE ELECTRICAL AND AV DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
29. GAMING MACHINES / EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
30. DOOR - SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
31. DECORATIVE ACCESS CONTROL GATE WITH PANIC HARDWARE. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
32. DECORATIVE FAN AND LIGHTING FEATURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
33. ACOUSTIC FOLDING DOOR SYSTEM - BASIS OF DESIGN TO BE SKYFOLD 60 CLASSIC SERIES
34. DECORATIVE COLUMN WRAP. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
35. 55" RECESSED LED ILLUMINATED EGRESS EXTINGUISHER CABINET AND SIGNAGE. SEE A9.08.0 FOR ADDITIONAL INFORMATION. OWNER'S CONTRACTOR TO PROVIDE SHOP DRAWINGS AND PROVIDE SHOP DRAWINGS FOR REVIEW.
36. SEMI-RECESSED STANDPIPE / HOSE CABINET. SEE DETAIL 3/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
37. DIAMOND PLATE WAINSCOT WITH WALL / CORNER GUARDS IN ALL B.O.H. CORRIDORS. SEE DETAIL 5/A9.00.0 FOR ADDITIONAL INFORMATION.
38. WALL / COLUMN MOUNTED TV OR CEILING / POLE MOUNTED TV. SEE INTERIOR DESIGN, ELECTRICAL AND A/V DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED.
39. MILLWORK. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. MILLWORK SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. BACKING REQUIRED TO BE PROVIDED.
40. HIGH PRESSURE WASH SYSTEM AT CAN WASH. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
41. FLOOR DRAIN. SEE PLUMBING FOR ADDITIONAL NOTES AND INFORMATION.
42. NOTCH FOR DEFLECTOR. 7/A9.00.0 AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
43. JANITOR / MOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
44. HAND SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
45. FLOOR SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
46. FOOD SERVICE TROUGH DRAIN. SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
47. DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
48. DOCK BUMPER. SEE DETAIL A7/A9.00.1 FOR ADDITIONAL INFORMATION.
49. DOCK LEVELER.
50. CANOPY / OVERHANG / STRUCTURE ABOVE.
51. ELECTRICAL PANEL. SEE DETAIL 2/A9.00.0 AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
52. AUTOMATIC DOOR OPERATOR. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
53. LIGHT FIXTURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
54. CONCRETE BOLLARD. SEE DETAIL 8/9.00.0.
55. OPERABLE WALL PARTITION. PROVIDE A MINIMUM 3'-0" WIDE DOOR WHERE SHOWN ON PLANS. DOOR PANEL MEET ALL CODES AND ORDINANCES FOR EGRESS AND ACCESSIBILITY. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE STRUCTURAL REQUIREMENTS ON STRUCTURAL DRAWINGS FOR SUPPORTS NOTES AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND INFORMATION.
56. OPERABLE WALL PARTITION POCKET DOOR. REFER DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
57. ROLL DOWN OVERHEAD INSULATED DOOR WITH TOP MOUNT MOTOR. KEY SWITCH LOCATED ON EACH SIDE OF DOOR. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. PROVIDE FLASHING LIGHT AND SOUNDING ALARM AS PER LOCAL CODE REQUIREMENTS. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
58. BI-FOLD DOOR SYSTEM. BASIS OF DESIGN IS CROWN INCORPORATED 557-II HYDRAULIC BI-FOLD DOOR SYSTEM. VERIFY AND COORDINATE ELECTRICAL, MECHANICAL AND STRUCTURAL REQUIREMENTS. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
59. BI-FOLD SOLID PANEL DOOR SYSTEM. BASIS OF DESIGN IS CROWN INCORPORATED 557-II HYDRAULIC BI-FOLD DOOR SYSTEM. VERIFY AND COORDINATE ELECTRICAL, MECHANICAL AND STRUCTURAL REQUIREMENTS. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO FABRICATION. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
60. CONCRETE PAN FILLED STAIRS. SEE ENLARGED PLANS AND SECTIONS. SHEET A9.06.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
61. 3-1/2" DIA. GUARDRAILS AT 42" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
62. 1-1/2" DIA. HANDRAILS AT 34" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
63. OPEN GRATE STEEL STAIR AND LANDING. SEE ENLARGED PLANS AND SECTIONS. SHEET A9.06.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
64. POURED IN PLACE REINFORCED CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS. SHEET A9.06.0 AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
65. RAMP. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
66. 8'-0" HIGH CHAIN LINK FENCE.
67. POCKET DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
68. LOCKERS. SEE SHEET A6.00.3 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
69. OSHA COMPLIANT LADDER. SEE DETAIL 4/A9.07.0
70. BAR, MILLWORK, BOOTHS, FURNITURE, DISPLAY AND SIMILAR. SEE A6.00.0 SERIES SHEETS FOR ELEVATIONS, DETAILS AND ADDITIONAL NOTES AND INFORMATION.
71. EXTERIOR STOREFRONT WINDOW SYSTEM. SEE A0.00.0 SERIES SHEETS FOR ELEVATIONS AND INDICATION OF GRANDEUR GLASS AND YELLOW GLASS (OPACITY), AND ADDITIONAL NOTES AND INFORMATION.
72. INTERIOR STOREFRONT WINDOW SYSTEM. SEE A0.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
73. CURVED GLASS STOREFRONT SYSTEM. SEE DOOR SCHEDULE AND SHEET A0.03.0 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
74. WINDOW WITH PASS-THROUGH DRAWER AND HOLE. SEE SHEET A0.03.1 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
75. FRAMELESS GLASS STOREFRONT. SEE DOOR SCHEDULE AND SHEET A0.03.0 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
76. AUTOMATIC SLIDING DOOR SYSTEM WITH EMERGENCY EMERGENCY EXIT PANELS. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
77. EXTERIOR DEMOUNTABLE GLASS WALL SYSTEM. SEE A0.00.0 SERIES SHEETS FOR ELEVATIONS AND INDICATION OF GRANDEUR GLASS AND YELLOW GLASS (OPACITY), AND ADDITIONAL NOTES AND INFORMATION.
78. INTERIOR EXPANSION JOINT / COVER. SEE SHEETS A0.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW AND APPROVAL.
79. SIGNAGE. REFER TO OWN CONTRACTOR FOR FINAL SIZE, ATTACHMENT AND POWER REQUIREMENTS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SHOP DRAWINGS TO BE SUBMITTED BY OWNER'S CONTRACTOR FOR REVIEW. SIGN CONTRACTOR INFORMATION TO BE COORDINATED WITH OWNER'S GENERAL CONTRACTOR CONSTRUCTION OF SIGNS.
80. GAS CONNECTOR. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
81. ELEVATOR. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION. SEE ELECTRICAL, MECHANICAL AND SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.
82. ELEVATOR CONTROL LIGHT. SEE ELECTRICAL DRAWINGS AND SHOP DRAWINGS FOR ADDITIONAL NOTES, INFORMATION AND REQUIREMENTS.
83. GREEN SCREEN TRELLIS PANEL. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
84. DECORATIVE SECURITY GRILL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
85. EMPLOYEE MEAL ORDERING KIOSK. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS AND INFORMATION. OWNER'S CONTRACTOR TO INSTALL.
86. SIDEWALK. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
87. FINISH GRADE. SEE CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
88. LANDSCAPE AREA. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION.
89. ACCESS DOOR. SEE ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES.
90. PLANTER. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
91. DECORATIVE CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
92. HEATED CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE, CIVIL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
93. TURF STEP SUPPORT COLUMNS TO BE WRAPPED WITH 5/8" GYPSUM BOARD AND PAINTED TO MATCH.
94. METAL SLIDING DOOR. SEE DOOR SCHEDULE AND SHEET A0.02.2 FOR ADDITIONAL NOTES AND INFORMATION.
95. DRIVE AISLE / SERVICE ENTRANCE. SEE SHEET A9.09.2 FOR ELEVATION AND ADDITIONAL NOTES AND INFORMATION.
96. E.O.D. LOCATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
97. ADDITIONAL MILLWORK COUNTER LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
98. B.O.H. CORNER GUARDS, INSTALL UP TO 48" A.F.F.
99. KITCHEN / FOOD SERVICE AREA STAINLESS STAINLESS STEEL CORNER GUARDS UP TO 48" A.F.F. - SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
100. PASS-THRU WINDOW. SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
101. WIRE MESH ATTIC PARTITION. SEE ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
102. MILLWORK, BOOTHS, FURNITURE, COUNTERS, DISPLAY, ARTWORK, BANQUETTE, STORAGE UNITS, ACCESSORIES, AND PUBLIC RESTROOM FIXTURES / ACCESSORIES, ETC. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISHES AND ADDITIONAL NOTES AND INFORMATION. ALL MILLWORK SHOP DRAWINGS ARE TO BE SUBMITTED TO OWNER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. ALL MILLWORK TO BE DESIGNED AND ENGINEERED BY CONTRACTOR AND SUBMITTED AS ALL CONSTRUCTION DOCUMENTS.
103. DECORATIVE WALL SCONCE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
104. WALL FINISH. INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR FINISH INFORMATION, INSTALLATION REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
105. BAR TOP GAMING DEVICE. SEE INTERIOR DESIGN DRAWINGS FOR MILLWORK DETAILS AND ADDITIONAL NOTES. SEE ALSO ELECTRICAL AND TELECOM DRAWINGS.
106. MILLWORK BAR TOP, 42"H (+/- 2") ON CONCRETE BREAKWALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL AND TELECOM.
107. MILLWORK CHIP RACK. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
108. ACCESSIBLE COUNTER / BAR TOP GAMING LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL AND TELECOM.
109. RAISED PLATFORM WITH EDGE LIGHTING. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND NOTES.
110. PAYOUT BOOTH. SEE INTERIOR DESIGN AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
111. CUSTOM ACOUSTIC PANEL. PIVOT DOORS WITH LIGHT FEATURE. SEE INTERIOR DESIGN, ELECTRICAL AND LIGHTING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
112. "INDUSTRIAL WINDOW" GLASS AND METAL WALL. SEE INTERIOR DESIGN DRAWINGS FOR FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION. PROVIDE STRUCTURAL SUPPORTS AS REQUIRED.
113. CUSTOM ACOUSTIC PANEL TOP HINGED BI-FOLD COUNTER-TOP DOOR. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL DRAWINGS FOR LIGHTING AND POWER REQUIREMENTS.
114. ACOUSTIC PANEL WALL. SEE INTERIOR DESIGN FOR FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION.
115. ACOUSTIC SOUND ISOLATION WALL SYSTEM. BASIS OF DESIGN: KINETICS ISOMAX SERVICE, 60 STC. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION. REFER TO ACOUSTICAL WALL SYSTEMS DRAWINGS AND SPECIFICATIONS.
116. DOUBLE ACTING SWING DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
117. GLASS BLOCK TILE WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
118. DECORATIVE METAL SCREEN / LATTICE. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATION FOR ADDITIONAL NOTES AND INFORMATION.
119. DECORATIVE WOOD SCREEN. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
120. B.O.H. SECURITY GRILL. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
121. SECURED PASS-THRU UNIT. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
122. B.O.H. OFFICE FURNITURE / EQUIPMENT. OWNER PROVIDED AND INSTALLED.
123. SURVEILLANCE / SECURITY EQUIPMENT AND DISPLAYS. SEE SURVEILLANCE / SECURITY, ELECTRICAL AND SECURITY AND A/V DRAWINGS FOR ADDITIONAL REQUIREMENTS, INFORMATION AND NOTES
124. BUILT UP CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, AND SHEET A9.06.1 FOR ADDITIONAL NOTES AND INFORMATION.
129. METAL COLUMN WRAP.

RIVERS CASINO
SCHENECTADY

KLAI JUBA WALD
architects

4444 W. Russell Road, Suite J
Las Vegas, NV 89118
(702) 221-2254

REGISTERED ARCHITECT John R. Klai 025741 STATE OF NEW YORK

KJA Job Number: 14012

ISSUED/REVISED

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

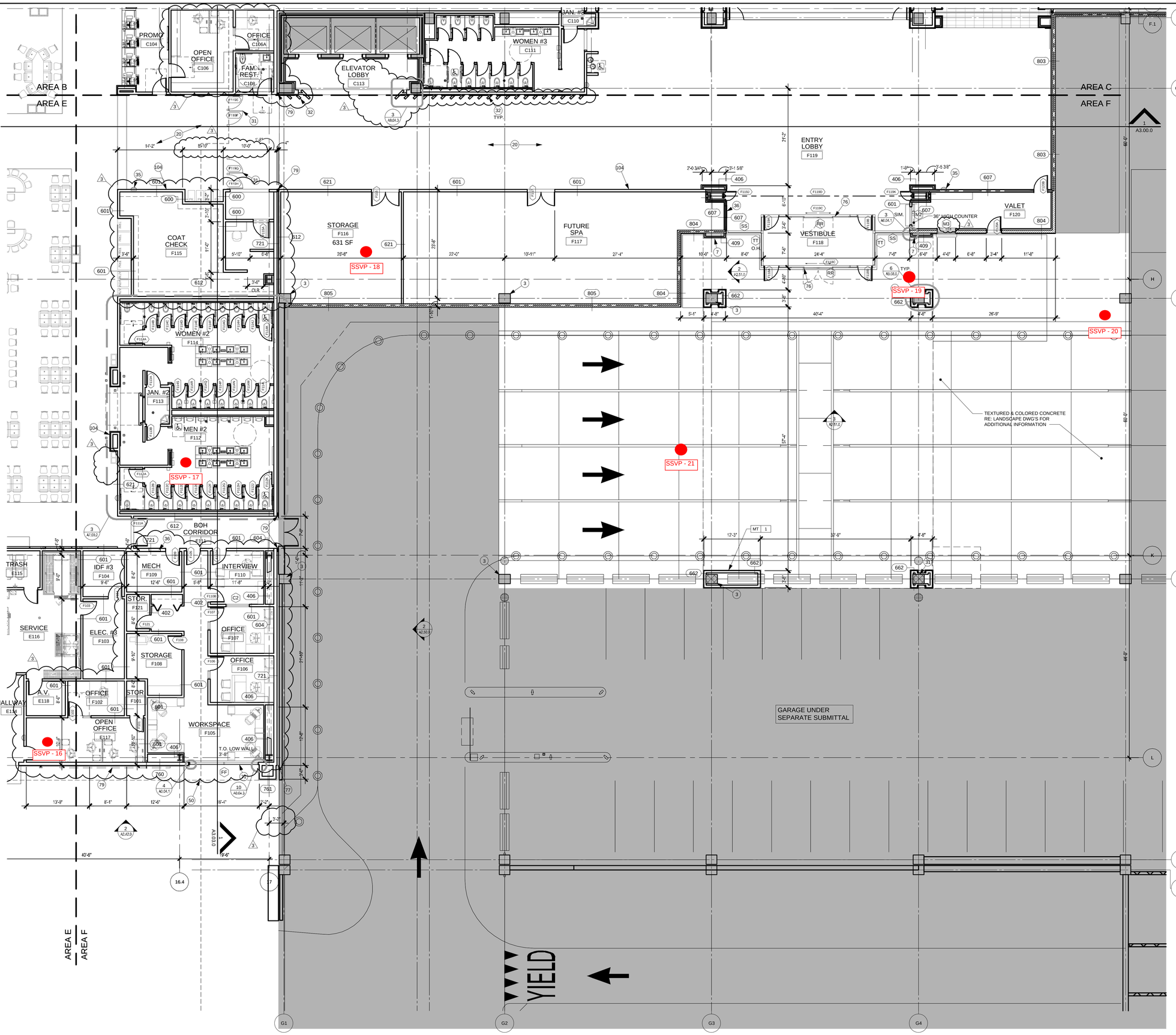
A B C
D E F

KEY PLAN

FLOOR PLAN
AREA E
LEVEL 1

LOW RISE

A1.01.E



1 FLOOR PLAN - AREA F - LEVEL 1

1/8" = 1'-0"

NORTH

PLAN NORTH

KEY NOTES: FLOOR PLANS

SEE SHEET A0.00.2 FOR GENERAL NOTES, TYPICAL SYMBOLS, DEFERRED SUBMITTAL INFORMATION, AND ABBREVIATIONS

1. STEEL COLUMN / BRACE FRAMING / HSS COLUMN WITH SPRAY APPLIED FIREPROOFING. NOTE: SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR COLUMN SIZES INDICATING FIREPROOFING THICKNESS AND RELATED DETAILS TO SYSTEM BEING USED.
2. HSS COLUMN FOR ROLL DOWN DOOR / BI-FOLD DOOR / OPERABLE PARTITION WALL SEE STRUCTURAL DRAWINGS FOR COLUMN SIZES AND SEE ARCHITECTURAL DRAWINGS NOTES AND INFORMATION. SEE SHOP DRAWINGS FOR EXACT LOCATION.
3. CONCRETE COLUMN - NOT UNDER THIS SUBMITTAL. SEE GARAGE DRAWINGS FOR SIZES, NOTES AND ADDITIONAL INFORMATION.
4. CONCRETE WALL - SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTE AND INFORMATION.
5. CMU WALL - SEE PLANS AND WALL TYPE SHEET FOR ADDITIONAL INFORMATION. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
6. METAL STUD FRAMING. SEE WALL TYPE SHEET AND PLANS FOR ADDITIONAL NOTES AND INFORMATION.
7. CONCRETE METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
8. RIBBED METAL PANEL SYSTEM OVER METAL STUD FRAMING SYSTEM SEE SHEET A9.05.0, PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
9. STONE VENEER THIN SET OVER METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
10. STONE VENEER THIN SET OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
11. STONE VENEER ADHERED TO EXTERIOR INSULATION AND FINISH SYSTEM (EIFS) OVER CONCRETE OR METAL STUD FRAMING SYSTEM. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES
12. STONE EXTERIOR CLADDING APPLIED OVER MORTAR SETTING BED ON TOP OF CONCRETE WALL. SEE PLANS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPE.
13. TEMPERED GLASS OR BRONZE SYSTEM ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS FOR ADDITIONAL NOTES, INFORMATION AND WALL TYPES.
14. EXTERIOR STOREFRONT GLAZING / PRIVACY SYSTEM - - ON TOP OF CONCRETE WALL. SEE PLANS AND SECTIONS AND A9.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION. NO GRADES OC
15. CONCRETE SLAB ON GRADE OVER VAPOR BARRIER PER ENGINEER. SEE STRUCTURAL DRAWING AND SOILS REPORT FOR ADDITIONAL NOTES AND INFORMATION.
16. CONCRETE ROOF METAL DECK, P-METER PAN & DIAPHRAGM / LOADS MATING TO STEEL FRAMING. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
17. BUILT-UP ROOFING SYSTEM / CONCRETE OVER METAL DECK / ON TOP OF STEEL FRAMING SYSTEM. SEE ROOF PLAN AND SECTIONS FOR ADDITIONAL NOTES AND INFORMATION.
18. CONCRETE FLOOR MATERIAL SEE STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
19. EXPOSED CONCRETE SLAB FINISH / SEALED / SLOPED TO DRAIN. SEE FINISH PLAN AND SHEET A0.02.1 FOR ADDITIONAL NOTES AND INFORMATION.
20. CONCRETE FLOOR MATERIAL SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
21. 24"x 24" ACCESS FLOORING SYSTEM. BASIS OF DESIGN: TATE ACCESS FLOORS / CONCRETE GRID / SEE SLAB SHEET A0.02.0 FOR ADDITIONAL NOTES AND INFORMATION.
22. ELECTRICAL EQUIPMENT. SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
23. MECHANICAL EQUIPMENT. SEE MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
24. PLUMBING EQUIPMENT. SEE PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
25. CONCRETE EQUIPMENT PAD. VERIFY LAYOUT, THICKNESS AND SIZE REQUIREMENTS WITH EQUIPMENT MANUFACTURER'S. SEE STRUCTURAL / MECHANICAL / ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
26. FOOD SERVICE EQUIPMENT. SEE FOOD SERVICE / ELECTRICAL / MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
27. PLUMBING FIXTURE. SEE INTERIOR DESIGN AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
28. ELECTRICAL / A/V. SEE ELECTRICAL AND AV DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
29. GAMING MACHINES / EQUIPMENT. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
30. DOOR - SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
31. DECORATIVE ACCESS CONTROL GATE WITH PANIC HARDWARE. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
32. DECORATIVE FAN AND LIGHTING FEATURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
33. ACOUSTIC FOLDING DOOR SYSTEM - BASIS OF DESIGN TO BE SKYFOLD 60 CLASSIC SERIES
34. DECORATIVE COLUMN WRAP. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
35. SEMI-RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. SEE DETAIL 1/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
36. SEMI-RECESSED STANDPIPE / HOSE CABINET. SEE DETAIL 3/A9.00.0 FOR ADDITIONAL INFORMATION. MAINTAIN WALL RATINGS AT CABINET AND PROVIDE SHOP DRAWINGS FOR REVIEW.
37. DIAMOND PLATE WAINSCOT WITH WALL / CORNER GUARDS IN ALL B.O.H. CORRIDORS. SEE DETAIL 5/A9.00.0 FOR ADDITIONAL INFORMATION.
38. WALL / COLUMN MOUNTED TV OR CEILING / POLE MOUNTED TV. SEE INTERIOR DESIGN, ELECTRICAL AND A/V DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE BACKING AND SUPPORTS AS REQUIRED
39. MILLWORK. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. BACKING REQUIREMENTS TO BE VERIFIED.
40. HIGH PRESSURE WASH SYSTEM AT CAN WASH. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
41. FLOOR DRAIN. SEE PLUMBING FOR ADDITIONAL NOTES AND INFORMATION.
42. NOTCH FOR DOOR OPERATOR. 7/A9.00.0 AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
43. JANITOR / MOP SINK. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
44. HAND SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
45. FLOOR SINK - SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
46. FOOD SERVICE TROUGH DRAIN. SEE FOOD SERVICE AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
47. DRINKING FOUNTAIN. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
48. DOCK BUMPER. SEE DETAIL A/A9.00.1 FOR ADDITIONAL INFORMATION.
49. DOCK LEVELER.
50. CANOPY / OVERHANG / STRUCTURE ABOVE.
51. ELECTRICAL PANEL. SEE DETAIL 2/A9.00.0 AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
52. AUTOMATIC DOOR OPERATOR. SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
53. LIGHT FIXTURE. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
54. CONCRETE BOLLARD. SEE DETAIL 8/9.00.0.
55. OPERABLE WALL PARTITION. PROVIDE A MINIMUM 3'-0" WIDE DOOR WHERE SHOWN ON PLANS. DOOR PANEL MEET ALL CODES AND ORDINANCES FOR EGRESS AND ACCESSIBILITY. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND SPECIFICATIONS. SEE STRUCTURAL DRAWINGS FOR SUPPORT STEEL NOTES AND INFORMATION. SEE INTERIOR DESIGN DRAWINGS FOR FINISH NOTES AND INFORMATION.
56. OPERABLE WALL PARTITION POCKET DOOR. REFER DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
57. ROLL-DOWN OVERHEAD INSULATED DOOR WITH TOP MOUNT MOTOR. KEY SWITCH LOCATED ON EACH SIDE OF DOOR. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION. PROVIDE SAFETY EDGE AND PHOTO EYE AT BOTTOM OF DOOR FOR SAFETY PRIOR TO CLOSING CYCLE. VERIFY AND COORDINATE FINAL ELECTRICAL REQUIREMENTS CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW AND APPROVAL.
58. BI-FOLD / PUSH DOOR SYSTEM. BASIS OF DESIGN IS CRAWN INCORPORATED SET-II HYDRAULIC BI-FOLD SYSTEM / VERIFY AND COORDINATE ELECTRICAL HYDRAULIC AND MECHANICAL REQUIREMENTS WITH ARCHITECT AND ENGINEER OF RECORD PRIOR TO FABRICATION. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
59. BI-FOLD SOLID PANEL DOOR SYSTEM. BASIS OF DESIGN IS CROWN INCORPORATED SET-II HYDRAULIC BI-FOLD SYSTEM / VERIFY AND COORDINATE ELECTRICAL HYDRAULIC AND MECHANICAL REQUIREMENTS WITH ARCHITECT AND ENGINEER OF RECORD PRIOR TO FABRICATION. SELECTED PANELS TO BE PROVIDED TO ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SEE DOOR SCHEDULE FOR ADDITIONAL NOTES AND INFORMATION.
60. CONCRETE STAIR WITH RUBBER TREAD AND CARPET INSERT. SEE SHEET A9.06.0 AND A10.00.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
61. 3-1/2" DIA. GUARDRAIL AT 34" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND A10.00.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
62. 3-1/2" DIA. HANDRAILS AT 34" MIN. ABOVE FINISHED FLOOR. SEE SHEET A9.06.0 AND A10.00.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
63. METAL PICKET STAIR GUARDRAIL. SEE SHEET A9.06.0 FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELEVATIONS AND SECTIONS.
64. POURED IN PLACE REINFORCED CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, SHEET A9.06.0 FOR ADDITIONAL NOTES AND INFORMATION.
65. RAMP. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION.
66. 10'-0" HIGH CHAIN LINK FENCE.
67. ROCKET DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
68. LOCKERS. SEE SHEET A6.00.3 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
69. OSHA COMPLIANT LADDER. SEE DETAIL 4/A9.07.0
70. B.O.H. MILLWORK FURNISHINGS AND EQUIPMENT. SEE A6.00.0 SERIES SHEETS FOR ADDITIONAL NOTES, ELEVATIONS, DETAILS AND SPECIFICATIONS FOR ITEM INFORMATION.
71. EXTERIOR STOREFRONT WINDOW SYSTEM. SEE A9.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION. SEE DOOR SCHEDULE FOR DOOR DETAILS AND ADDITIONAL NOTES AND INFORMATION.
72. INTERIOR STOREFRONT WINDOW SYSTEM. SEE A0.03.0 SERIES SHEETS FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
73. STOREFRONT DOOR SYSTEM. SEE DOOR SCHEDULE, DOOR ELEVATIONS, AND A0.03.0 SERIES SHEETS FOR ADDITIONAL NOTES AND INFORMATION.
74. WINDOW SYSTEM WITH PASS THROUGH AND SPEAK HOLE. SEE SHEET A0.03.3 FOR ELEVATIONS AND ADDITIONAL NOTES / INFORMATION.
75. FIXED GLASS STOREFRONT SYSTEM. SEE DOOR SCHEDULE AND SHEET A0.03.0 FOR ELEVATION AND ADDITIONAL NOTES / INFORMATION.
76. AUTOMATIC SLIDING DOOR SYSTEM WITH BREAKAWAY EMERGENCY EXIT PANELS. SEE DOOR SCHEDULE AND SHEET A0.02.0 FOR ADDITIONAL NOTES AND INFORMATION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
77. EXTERIOR EXPANSION JOINT. SEE SHEET A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
78. INTERIOR EXPANSION JOINT / COVER. SEE SHEET A9.03.0 FOR ADDITIONAL NOTES AND INFORMATION. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL.
79. SIGNAGE. REFER TO SIGN CONTRACTOR FOR FINAL SITE ATTACHMENT AND POWER REQUIREMENTS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND SHOP DRAWINGS. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SIGN CONTRACTOR TO COOPERATE WITH OWNER, GC & CONSTRUCTION MANAGER TO COORDINATE FINAL DESIGN, INSTALLATION AND END CONNECTION OF SIGNAGE DEVICES.
80. GAS CONNECTOR. SEE PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
81. ELEVATOR. SEE ENLARGED PLANS AND SECTIONS FOR ADDITIONAL INFORMATION. SEE ELEVATOR DRAWINGS AND SPECIFICATIONS AND SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS AND NOTES / INFORMATION.
82. ELEVATOR CONTROL UNIT. SEE ELECTRICAL DRAWINGS AND SHOP DRAWINGS FOR ADDITIONAL NOTES, INFORMATION AND REQUIREMENTS.
83. GREEN SCREEN TRELLIS PANEL. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
84. DECORATIVE SECURITY GRILL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
85. EMPLOYEE MEAL ORDERING KIOSKS. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. OWNER'S CONTRACTOR TO BE INSTALLED.
86. SIDEWALK. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
87. FINISH GRADE. SEE CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
88. LANDSCAPE AREA. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION.
89. PLANTER DRAIN. SEE PLUMBING AND LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. REFER TO LANDSCAPE DRAWINGS FOR FINAL LOCATION(S).
90. PLANTER. SEE LANDSCAPE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
91. DECORATIVE CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
92. HEATED CONCRETE SIDEWALK / PAVING. SEE LANDSCAPE, CIVIL AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
93. TUBE STEEL SUPPORT COLUMNS TO BE WRAPPED WITH 5/8" GYPSUM BOARD FOR 1 HR RATING.
94. METAL GATE. SEE DOOR SCHEDULE AND SHEET A0.02.2 FOR ADDITIONAL NOTES AND INFORMATION.
95. DECORATIVE METAL FENCE. SEE SHEET A9.09.2 FOR ELEVATION AND ADDITIONAL NOTES AND INFORMATION.
96. P.O.S. LOCATION. SEE ELECTRICAL AND TELECOM DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
97. ACCESSIBLE MILLWORK COUNTER LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
98. B.O.H. CORNER GUARDS, INSTALL UP TO 48" A.F.F.
99. KITCHEN / FOOD SERVICE AREA STAINLESS STEEL CORNER GUARDS UP TO 48" A.F.F. - SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
100. PASS-THRU WINDOW. SEE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
101. WINE DOOR A/V UNIT. SEE INTERIOR DESIGN, ELECTRICAL, MECHANICAL AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
103. MILLWORK, BOOTHS, FURNITURE, COUNTERS, DISPLAY, ARTWORK, BANQUETTE STORAGE UNITS, ACCESSORIES, AND PUBLIC RESTROOM FIXTURES / ACCESSORIES, ETC. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION. ALL ITEMS TO BE DESIGNED AND ENGINEERED BY CONTRACTOR AND SUBMITTED AS A SHOP DRAWING FOR APPROVAL.
103. DECORATIVE WALL SCONCES. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
104. WALL FINISH. SEE INTERIOR DESIGN DRAWING AND SPECIFICATIONS FOR FINISH NOTES AND INFORMATION REQUIREMENTS AND ADDITIONAL NOTES AND INFORMATION.
105. BAR TOP GAMING DEVICE. SEE INTERIOR DESIGN DRAWINGS FOR MILLWORK DETAILS AND ADDITIONAL NOTES. SEE ALSO ELECTRICAL AND TELECOM DRAWINGS.
106. MILLWORK BAR DIE AND TOP / MAJOR BACKBAR. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS / FINISHES AND ADDITIONAL NOTES AND INFORMATION.
107. MILLWORK SHOTGUN RAIL. SEE INTERIOR DESIGN DRAWINGS FOR DETAILS, FINISHES AND ADDITIONAL NOTES AND INFORMATION.
108. ACCESSIBLE COUNTER / BAR TOP GAMING LOCATION. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL AND TELECOM.
109. RAISED PLATFORM WITH EDGE LIGHTING. SEE INTERIOR DESIGN, LIGHTING AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION AND NOTES.
110. PHOTO BOOTH. SEE INTERIOR DESIGN AND ELECTRICAL DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
111. CUSTOM ACOUSTIC PANEL. PIVOT DOORS WITH LIGHT FEATURE. SEE INTERIOR DESIGN, ELECTRICAL AND LIGHTING DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
112. "INDUSTRIAL WINDOW" GLASS AND METAL WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION. SEE STRUCTURAL DRAWINGS FOR STRUCTURAL SUPPORT AS REQUIRED.
113. CUSTOM ACOUSTIC PANEL TOP HINGED BI-FOLD COUNTER-TOP DOOR. SEE INTERIOR DESIGN DRAWINGS FOR FINISH AND ADDITIONAL NOTES AND INFORMATION. SEE ALSO ELECTRICAL AND LIGHTING DRAWINGS FOR ADDITIONAL INFORMATION.
114. ACOUSTICAL PANEL WALL. SEE INTERIOR DESIGN FOR FINISH INFORMATION AND ADDITIONAL NOTES AND INFORMATION.
115. ACOUSTIC SOUND ISOLATION WALL SYSTEM. BASIS OF DESIGN: KINETICS ISOMAX ISOLATED SOUND ISOLATION CLIP SYSTEM OVER METAL STUD WALL SYSTEM. SEE SHEET A9.00.1 FOR ADDITIONAL NOTES AND INFORMATION.
116. DOUBLE ACTING SWING DOOR. SEE DOOR SCHEDULE AND INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
117. GLASS BLOCK WALL. SEE INTERIOR DESIGN DRAWINGS FOR ADDITIONAL NOTES AND INFORMATION.
118. DECORATIVE METAL SCREEN / LATTICE. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATION FOR ADDITIONAL NOTES AND INFORMATION.
119. DECORATIVE MILLWORK SCREEN. SEE INTERIOR DESIGN DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL NOTES AND INFORMATION.
120. B.O.H. SECURITY GRILL. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
122. SECURED PASS-THRU UNIT. SEE SHEET A6.00.1 FOR ADDITIONAL INFORMATION.
122. B.O.H. OFFICE FURNITURE / EQUIPMENT. OWNER PROVIDED AND INSTALLED.
123. SURVEILLANCE / SECURITY EQUIPMENT AND DISPLAYS. SEE SURVEILLANCE / SECURITY, ELECTRICAL / LOW VOLTAGE AND A/V DRAWINGS FOR ADDITIONAL REQUIREMENTS, INFORMATION AND NOTES.
124. BUILT UP CONCRETE STAIRS. SEE ENLARGED PLANS AND SECTIONS, AND SHEET A9.06.0 FOR ADDITIONAL NOTES AND INFORMATION.
125. METAL COLUMN WRAP.

RIVERS CASINO
SCHENECTADY

KLAI JUBA WALD
architects

4444 W. Russell Road, Suite J
Las Vegas, NV 89118
(702) 221-2254

REGISTERED ARCHITECT John R. Klai II 025441 STATE OF NEW YORK

KJA Job Number: 14012

ISSUED/REVISED

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

A | B | C
D | E | F

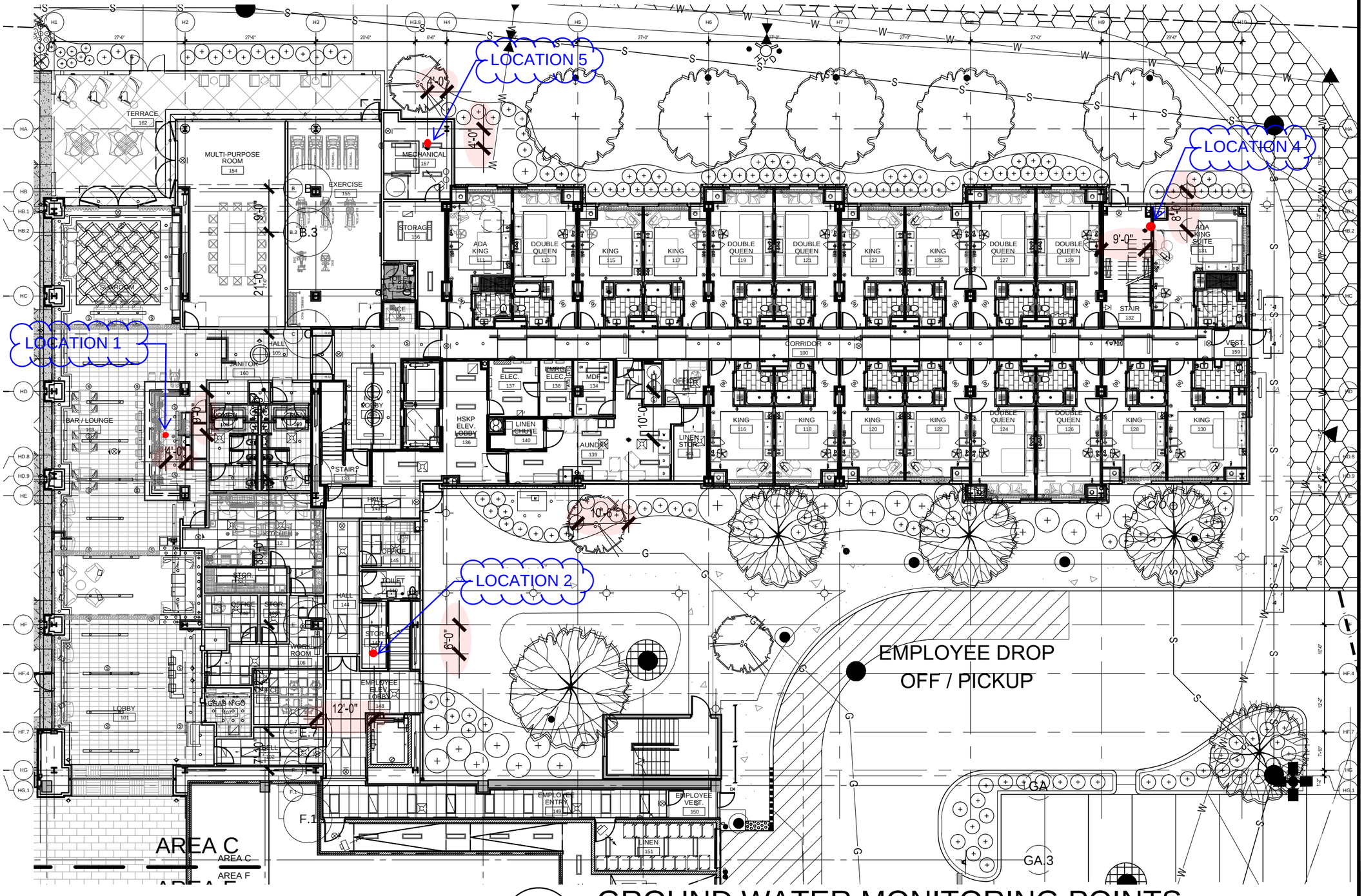
KEY PLAN

FLOOR PLAN
AREA F
LEVEL 1

LOW RISE

A1.01.F

Landings Hotel



1 GROUND WATER MONITORING POINTS

1"=20'-0"

RIVERS CASINO SCHENECTADY

GROUND WATER MONITORING POINTS

NORWOOD LECHASE	09/10/2016
DELBERT RAGLAND	09/12/2016
KJA Job Number: 14012	A-SK-GWMP-01

KLAI JUBA WALD architects

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 – 3/4 full.	-
5/24/19	Inspection, Adjusted riverbank treatments. Absorbent sock in MW-73 checked – 3/4 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 affective 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.

<u>September 2019</u>

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
listen
The power to
solve℠

Barton
&Loguidice

www.bartonandloguidice.com