

April 7, 2023

Albertson Water District
PWS ID No. NY2902815
MCL Deferral for PFOA and PFOS
Quarterly Report – First Quarter 2023

Introduction

On behalf of the Albertson Water District (AWD or District), D&B Engineers and Architects (D&B) has prepared this document in accordance with the requirements of the New York State Department of Health (NYSDOH) for public water suppliers who have been granted deferral renewals from maximum contaminant level (MCL) violations for 1,4-dioxane, perfluorooctanoic acid (PFOA), and/or perfluorooctanesulfonic acid (PFOS). The District was granted an MCL deferral renewal for PFOA and PFOS in 2022. The AWD was granted a deferral renewal because it has been proactive in its efforts to establish and implement an action plan for managing the above-referenced compounds.

The enclosed is a report describing the AWD's progress towards maintaining the highest quality of water for our customers and meeting the deadlines set forth in the deferral approval. An updated schedule for these efforts is contained in **Attachment A**.

Corrective Action Plan Milestones

Granular Activated Carbon (GAC) System at Well 4

As reported during the previous quarters, work was stopped abruptly by the unprecedented issuance of a Stop Work Order by the Town of North Hempstead Building Department. The District initiated litigation seeking relief from the courts on July 20, 2021. Nassau County Supreme Court denied the District's motion for relief to lift the Stop Work Order on June 16, 2022. Work resumed in October after filing for and receiving Building Permits from the Town of North Hempstead and the work has been progressing. The well was removed from pumping to distribution on March 21, 2023 to allow the construction activities to continue. Due to manufacturing timeframes, the well is anticipated to be returned to service in the summer of 2023, later than previously anticipated.

The Albertson Water District has done everything within its power to adhere to the project schedule approved in the original deferral request, as described in the previous quarterly deferral reports, including litigation. The full impact of the Town's unprecedented actions carried out in stopping the work and any supply chain issues and delays remain fully unrealized as work has just recommenced. These delays could have not been fully anticipated at the time of the original compliance deferral or the subsequent renewal. Since the last quarterly report, work on the new GAC building has proceeded, the foundation has been installed, the GAC vessels have been

delivered, the structural steel for the building has been erected, and the contractor is installing the knee wall around the building to facilitate the installation of the roof and wall panels. Once wall panels and roof are installed, site piping between the buildings and the generator will be installed. On the existing building addition, the foundation has been poured, CMU walls have been erected, and the brick façade and structural roof members are currently being installed. Electrical work within the existing building has recently started.

Unfortunately, the booster pump necessary to push water through the equipment will not be available for installation until sometime late May 2023 and the control panel to operate it is currently not scheduled for delivery until June 2023. As such, it is not likely that the work will be advanced sufficiently for the new system to be online prior to the expiration of the current deferral renewal. As such, the District has submitted a request for an additional deferral renewal extending to the full time allowed under the adopted regulations to August 2023.

The Albertson Water District's goal, as always, is to provide an adequate supply of potable water to its consumers and it has done everything in its ability to move forward on the treatment project to further that goal and meet consumer demands. These impacts of the unprecedented actions undertaken by the Town and the supply chain disruptions over the last three years are expected to continue for the foreseeable future and, as noted, will most likely affect the ability of the Albertson Water District to conform to the project schedule outlined in the deferral request and subsequent deferral renewal. Anticipating the on-going conditions of supply chain issues and regulatory delays, additional time consideration past the current deferral renewal deadline of April 2023 will most likely be needed to bring the project to a substantially completed status and, hence, becomes the reason for the deferral renewal request.

The supply chain difficulties have impacted all facets of construction. The most notable delays are related to the programmable logic controller chips, electrical switchgear, motor control centers, transfer switches, emergency generators, controls equipment, and pumps which now require more than a year to accomplish shop drawings submittals, approvals, fabrication, and delivery to a project site. While the work stoppage allowed some of the procurement to continue, in some cases, the delivery date for some of the equipment associated with the project is still unknown as the contractors and equipment vendors are experiencing labor shortages and cannot predict material availability. The booster pump necessary to push water through the equipment will not be available for installation until sometime late April 2023 and the control panel to operate it is currently not scheduled for delivery until June 2023.

Well 4 remains in service and, although the District was granted a deferral renewal, operation of this well to the distribution system has been limited, utilizing this well as the last one to be turned on and the first one to be turned off when demands require. Additionally, it should be noted that no samples obtained throughout the last quarter showed an exceedance of the MCL for PFOA or PFOS.

Public Notification

In accordance with the terms of the deferral renewal, the AWD has maintained an open line of communication with the public regarding its deferral. The deferral public notification documentation is still featured prominently on the District website, as are all quarterly reports from 2021 and 2022.

Analytical Sampling

Sample results for Well 4 taken during the first quarter of 2023 are contained in the tables below. Full laboratory reports for each sample are contained in **Attachment B**.

PFOA (parts per trillion, ppt)

Well	Date	
	01/03/2023	02/01/2023
Well 4 (N-05947)	7.2	8.8

PFOS (parts per trillion, ppt)

Well	Date	
	01/03/2023	02/01/2023
Well 4 (N-05947)	6.3	8.0

Conclusion

As demonstrated above, the Albertson Water District is actively working to preserve the quality of water for its customers and comply with the requirements put forth by the NYSDOH. The District looks forward to continuing to work towards completion of its treatment facilities.

Should you have any questions, please contact the District at 516-621-3610 or visit the website, www.albertsonwater.org.

Very truly yours,

Board of Commissioners
Albertson Water District

Enclosures

cc: K. Wheeler (NYSDOH)
B. Rogers (NYSDOH)
W. Provoncha (NCDH)

P. Young (NCDH)
R. Putnam (NCDH)
R. Henriksen (AWD)
J. Rotolo (AWD)
B. Merklin (D&B)
L. Ortiz (D&B)
P. Connell (D&B)

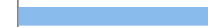
ATTACHMENT A

Project Schedule Associated with MCL Deferral

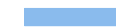
Albertson Water District
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Well 4
GAC Project Schedule

Task Name	2022				2023			
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
Basis of Design Report (Complete)								
Detailed Design (Complete)								
NCDH & NYSDOH Review of Contract Documents (Complete)								
Construction (Delayed Due to Stop Work Order)								
Stop Work Order Issued by TONH (06/21/2021)								
Stop Work Order (Upheld During Permitting)								
Court Decision (06/22/2022)								
Building Permit (Issued 08/11/2022); Plumbing Permit (Estimated Issuance 09/30/2022)								
Court Decision Appeal (Estimated Decision 10/15/2022)								
Remobilization / Change Order Negotiation (Complete)								
Construction (In Progress)								
Start-up and Testing								



◆ 6/16



ATTACHMENT B

Water Quality Data



575 Broad Hollow Road, Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Lab No. : 70241898001
Client Sample ID.: N-05947

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:30 AM Point N-05947

Received : 01/03/2023 02:24 PM Location Well #4

Collected By CLIENT

Analytical Method:ASTM D7237-10

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Cyanide, Free	<10.0		1	ug/L	200	01/13/2023 6:10 PM	001 BP3C1/1

Analytical Method:EPA 180.1

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Turbidity	<1.0		1	NTU	5	01/04/2023 1:50 PM	001 BP1U1/1

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Ca Hardness as CaCO ₃ (SM 2340B	37.5		1	mg/L		01/05/2023 11:56	001 BP4N1/1
Calcium	15.0		1	mg/L		01/05/2023 11:56	001 BP4N1/1
Iron	<0.020		1	mg/L	0.3	01/05/2023 11:56	001 BP4N1/1
Magnesium	7.6		1	mg/L		01/05/2023 11:56	001 BP4N1/1
Manganese	<0.010		1	mg/L	0.3	01/05/2023 11:56	001 BP4N1/1
Sodium	32.2		1	mg/L		01/05/2023 11:56	001 BP4N1/1
Tot Hardness asCaCO ₃ (SM 2340B	68.8	N3	1	mg/L		01/05/2023 11:56	001 BP4N1/1
Zinc	<0.020		1	mg/L	5	01/05/2023 11:56	001 BP4N1/1

Analytical Method:EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Antimony	<0.40		1	ug/L	6	01/05/2023 6:27 PM	001 BP4N1/1
Arsenic	<1.0		1	ug/L	10	01/05/2023 6:27 PM	001 BP4N1/1
Barium	0.017		1	mg/L	2	01/05/2023 6:27 PM	001 BP4N1/1
Beryllium	<0.30		1	ug/L	4	01/05/2023 6:27 PM	001 BP4N1/1
Cadmium	<1.0		1	ug/L	5	01/05/2023 6:27 PM	001 BP4N1/1
Chromium	<0.0070		1	mg/L	0.1	01/05/2023 6:27 PM	001 BP4N1/1
Copper	0.0075		1	mg/L	1.3	01/05/2023 6:27 PM	001 BP4N1/1
Lead	<1.0		1	ug/L	15	01/05/2023 6:27 PM	001 BP4N1/1
Mercury	<0.20		1	ug/L	2	01/05/2023 6:27 PM	001 BP4N1/1
Nickel	<0.00050		1	mg/L		01/05/2023 6:27 PM	001 BP4N1/1
Selenium	<2.0		1	ug/L	50	01/05/2023 6:27 PM	001 BP4N1/1
Silver	<0.0010		1	mg/L	0.1	01/05/2023 6:27 PM	001 BP4N1/1
Thallium	<0.30		1	ug/L	2	01/05/2023 6:27 PM	001 BP4N1/1

Analytical Method:EPA 300.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Chloride	66.5		1	mg/L	250	01/10/2023 4:24 AM	001 BP1U1/1
Fluoride	<0.10		1	mg/L	2.2	01/10/2023 4:24 AM	001 BP1U1/1
Sulfate	17.6		1	mg/L	250	01/10/2023 4:24 AM	001 BP1U1/1

Qualifiers:

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 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected
 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.



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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:30 AM Point N-05947

Received : 01/03/2023 02:24 PM Location Well #4

Collected By CLIENT

Lab No. : 70241898001
Client Sample ID.: N-05947

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	2.8		1	mg/L	10	01/05/2023 12:38	001 BP1U1/1
Nitrate-Nitrite (as N)	2.8		1	mg/L		01/05/2023 12:38	001 BP1U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/04/2023 10:09	001 BP1U1/1

Analytical Method:EPA 522

Prep Method: EPA 522

Prep Date: 01/05/2023 1:29 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.26		1	ug/L	1	01/06/2023 4:08 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	111%		1	%REC		01/06/2023 4:08 PM	001 AG2R1/2

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,v3	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Benzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2

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Result(s) reported meet(s) NYS Regulatory Limit(s).

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 Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Lab No. : 70241898001
Client Sample ID.: N-05947

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:30 AM Point N-05947

Received : 01/03/2023 02:24 PM Location Well #4

Collected By CLIENT

Bromochloromethane	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Bromodichloromethane	<0.50	1	ug/L		01/04/2023 5:30 PM	001 VG9C1/2
Bromoform	<0.50	1	ug/L		01/04/2023 5:30 PM	001 VG9C1/2
Bromomethane	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Carbon tetrachloride	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Chlorobenzene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Chlorodifluoromethane	1.9	N3 1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Chloroethane	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Chloroform	1.3	1	ug/L		01/04/2023 5:30 PM	001 VG9C1/2
Chloromethane	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Dibromochloromethane	<0.50	1	ug/L		01/04/2023 5:30 PM	001 VG9C1/2
Dibromomethane	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Dichlorodifluoromethane	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Ethylbenzene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Hexachloro-1,3-butadiene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Isopropylbenzene (Cumene)	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Methyl-tert-butyl ether	<0.50	1	ug/L	10	01/04/2023 5:30 PM	001 VG9C1/2
Methylene Chloride	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Styrene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Tetrachloroethene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Toluene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Total Trihalomethanes (Calc.)	1.3	1	ug/L	80	01/04/2023 5:30 PM	001 VG9C1/2
Trichloroethene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Trichlorofluoromethane	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Vinyl chloride	<0.50	1	ug/L	2	01/04/2023 5:30 PM	001 VG9C1/2
cis-1,2-Dichloroethene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
cis-1,3-Dichloropropene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
m&p-Xylene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
n-Butylbenzene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
n-Propylbenzene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
o-Xylene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
p-Isopropyltoluene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
sec-Butylbenzene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
tert-Butylbenzene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
trans-1,2-Dichloroethene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
trans-1,3-Dichloropropene	<0.50	1	ug/L	5	01/04/2023 5:30 PM	001 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	112%	1	%REC		01/04/2023 5:30 PM	001 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	91%	1	%REC		01/04/2023 5:30 PM	001 VG9C1/2

Analytical Method: EPA 533

Prep Method: EPA 533

Prep Date: 01/06/2023 4:51 PM

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
11Cl-PF3OUdS	<1.9	M1	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
4:2 FTS	<1.9		1	ng/L		01/07/2023 1:42 PM	001 BP351/2

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Collected By CLIENT

Lab No. : 70241898001
Client Sample ID.: N-05947

6:2 FTS	<3.8	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
8:2 FTS	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
9CI-PF3ONS	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
ADONA	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
HFPO-DA	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
NFDHA	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
PFBA	2.6	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
PFEESA	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
PFHpS	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
PFMBA	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
PFMPA	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
PFPeA	3.7	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
PFPeS	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluorobutanesulfonic acid	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluorodecanoic acid	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluorododecanoic acid	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluoroheptanoic acid	2.7	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluorohexanesulfonic acid	2.4	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluorohexanoic acid	3.2	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluorononanoic acid	4.2	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Perfluorooctanesulfonic acid	6.3	1	ng/L	10	01/07/2023 1:42 PM	001 BP351/2
Perfluorooctanoic acid	7.2	1	ng/L	10	01/07/2023 1:42 PM	001 BP351/2
Perfluoroundecanoic acid	<1.9	1	ng/L		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C2-PFDoA (S)	95%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C24:2FTS (S)	95%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C26:2FTS (S)	116%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C28:2FTS (S)	112%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C3-PFBS (S)	108%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C3-PFHxS (S)	112%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C3HFPO-DA(S)	90%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C4-PFBA (S)	104%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C4-PFHpA (S)	90%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C5-PFHxA (S)	95%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C5-PFPeA (S)	98%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C6-PFDA (S)	82%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C7-PFUdA (S)	90%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C8-PFOA (S)	84%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C8-PFOS (S)	111%	1	%REC		01/07/2023 1:42 PM	001 BP351/2
Surr: 13C9-PFNA (S)	81%	1	%REC		01/07/2023 1:42 PM	001 BP351/2

Analytical Method:SM22 2120B

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Apparent Color	7.0		1	units		01/04/2023 2:06 PM	001 BP1U1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
 ND - Not Detected at or above adjusted reporting limit.
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected
 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

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Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.



575 Broad Hollow Road, Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Raw Well
 Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Lab No. : 70241898001
Client Sample ID.: N-05947

Attn To : John Rotolo
 Federal ID : 2902815
 Collected : 01/03/2023 11:30 AM Point N-05947
 Received : 01/03/2023 02:24 PM Location Well #4
 Collected By CLIENT

pH	6.3	1	Std. Units			01/04/2023 2:06 PM	001 BP1U1/1
<u>Analytical Method:</u> SM22 2150B							
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
Odor @ 60 Degrees C	No odor observed		1		3	01/04/2023 10:30	001 AG2U1/1
<u>Analytical Method:</u> SM22 2320B							
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
Alkalinity, Total as CaCO3	24.9		1	mg/L		01/11/2023 5:21 PM	001 BP1U1/1
<u>Analytical Method:</u> SM22 2330 LSI							
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
Corrosivity	-2.62		1			01/13/2023 11:06	001 BP1U1/1
<u>Analytical Method:</u> SM22 2540C							
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
Total Dissolved Solids	159		1	mg/L		01/06/2023 4:55 PM	001 BP1U1/1
<u>Analytical Method:</u> SM22 4500 NH3 H							
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
Nitrogen, Ammonia	<0.10		1	mg/L		01/16/2023 2:35 PM	001 BP3S1/1
<u>Analytical Method:</u> SM22 5540C		<u>Prep Method:</u> SM22 5540C		<u>Prep Date:</u> 01/04/2023 11:08			
<u>Parameter(s)</u>	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	<u>Container:</u>
LAS Molecular Weight, g/mol	320		1			01/04/2023 11:19	001 BP1U1/1
MBAS, Calculated as LAS	<0.080		1	mg/L		01/04/2023 11:19	001 BP1U1/1

Qualifiers:

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Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Other
 Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:30 AM Point N-05947 FB

Received : 01/03/2023 02:24 PM Location

Collected By CLIENT

Lab No. : 70241898002
Client Sample ID.: N-05947 FB

Analytical Method: EPA 533		Prep Method: EPA 533			Prep Date: 01/06/2023 4:51 PM		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
11CI-PF3OUdS	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
4:2 FTS	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
6:2 FTS	<3.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
8:2 FTS	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
9CI-PF3ONS	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
ADONA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
HFPO-DA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
NFDHA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
PFBA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
PFEESA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
PFHpS	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
PFMBA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
PFMPA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
PFPeA	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
PFPeS	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluorobutanesulfonic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluorodecanoic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluorodecanoic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluoroheptanoic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluorohexanesulfonic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluorohexanoic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluorononanoic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Perfluorooctanesulfonic acid	<1.9	1		ng/L	10	01/07/2023 2:16 PM	002 BP351/1
Perfluorooctanoic acid	<1.9	1		ng/L	10	01/07/2023 2:16 PM	002 BP351/1
Perfluoroundecanoic acid	<1.9	1		ng/L		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C2-PFDoA (S)	99%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C24:2FTS (S)	91%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C26:2FTS (S)	121%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C28:2FTS (S)	116%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C3-PFBS (S)	111%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C3-PFHxS (S)	112%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C3HFPO-DA(S)	100%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C4-PFBA (S)	108%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C4-PFHpA (S)	103%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C5-PFHxA (S)	105%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C5-PFPeA (S)	107%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C6-PFDA (S)	102%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C7-PFUdA (S)	101%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C8-PFOA (S)	106%	1		%REC		01/07/2023 2:16 PM	002 BP351/1
Surr: 13C8-PFOS (S)	112%	1		%REC		01/07/2023 2:16 PM	002 BP351/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 01/16/2023

Jennifer Aracri

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www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested
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receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
Origin: Other
Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Lab No. : 70241898002
Client Sample ID.: N-05947 FB

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:30 AM Point N-05947 FB

Received : 01/03/2023 02:24 PM Location

Collected By CLIENT

Surr: 13C9-PFNA (S)	106%	1	%REC	01/07/2023 2:16 PM	002 BP351/1
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Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 01/16/2023

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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

Air Stripper

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Lab No. : 70241898003
Client Sample ID.: AS-05947

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:40 AM Point AS-05947

Received : 01/03/2023 02:24 PM Location WELL 4 AIRSTRIPPER

Collected By CLIENT

Analytical Method:ASTM D7237-10

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Cyanide, Free	<10.0		1	ug/L	200	01/13/2023 6:23 PM	003 BP3C1/1

Analytical Method:EPA 180.1

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Turbidity	<1.0		1	NTU	5	01/04/2023 1:51 PM	003 BP1U1/1

Analytical Method:EPA 200.7

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Ca Hardness as CaCO ₃ (SM 2340B	37.5		1	mg/L		01/05/2023 11:58	003 BP4N1/1
Calcium	15.0		1	mg/L		01/05/2023 11:58	003 BP4N1/1
Iron	<0.020		1	mg/L	0.3	01/05/2023 11:58	003 BP4N1/1
Magnesium	7.6		1	mg/L		01/05/2023 11:58	003 BP4N1/1
Manganese	<0.010		1	mg/L	0.3	01/05/2023 11:58	003 BP4N1/1
Sodium	33.1		1	mg/L		01/05/2023 11:58	003 BP4N1/1
Tot Hardness asCaCO ₃ (SM 2340B	68.8	N3	1	mg/L		01/05/2023 11:58	003 BP4N1/1
Zinc	<0.020		1	mg/L	5	01/05/2023 11:58	003 BP4N1/1

Analytical Method:EPA 200.8

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Antimony	<0.40		1	ug/L	6	01/05/2023 6:29 PM	003 BP4N1/1
Arsenic	<1.0		1	ug/L	10	01/05/2023 6:29 PM	003 BP4N1/1
Barium	0.017		1	mg/L	2	01/05/2023 6:29 PM	003 BP4N1/1
Beryllium	<0.30		1	ug/L	4	01/05/2023 6:29 PM	003 BP4N1/1
Cadmium	<1.0		1	ug/L	5	01/05/2023 6:29 PM	003 BP4N1/1
Chromium	<0.0070		1	mg/L	0.1	01/05/2023 6:29 PM	003 BP4N1/1
Copper	<0.0020		1	mg/L	1.3	01/05/2023 6:29 PM	003 BP4N1/1
Lead	<1.0		1	ug/L	15	01/05/2023 6:29 PM	003 BP4N1/1
Mercury	<0.20		1	ug/L	2	01/05/2023 6:29 PM	003 BP4N1/1
Nickel	0.00050		1	mg/L		01/05/2023 6:29 PM	003 BP4N1/1
Selenium	<2.0		1	ug/L	50	01/05/2023 6:29 PM	003 BP4N1/1
Silver	<0.0010		1	mg/L	0.1	01/05/2023 6:29 PM	003 BP4N1/1
Thallium	<0.30		1	ug/L	2	01/05/2023 6:29 PM	003 BP4N1/1

Analytical Method:EPA 300.0

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Chloride	68.1		1	mg/L	250	01/10/2023 12:06	003 BP1U1/1
Fluoride	<0.10		1	mg/L	2.2	01/10/2023 12:06	003 BP1U1/1
Sulfate	17.7		1	mg/L	250	01/10/2023 12:06	003 BP1U1/1

Qualifiers:

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

See qualifiers page for additional qualifier definitions.

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Jennifer Aracri

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Laboratory Results

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Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

Air Stripper

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:40 AM Point AS-05947

Received : 01/03/2023 02:24 PM Location WELL 4 AIRSTRIPPER

Collected By CLIENT

Lab No. : 70241898003
Client Sample ID.: AS-05947

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrate as N	2.9		1	mg/L	10	01/05/2023 12:44	003 BP1U1/1
Nitrate-Nitrite (as N)	2.9		1	mg/L		01/05/2023 12:44	003 BP1U1/1

Analytical Method:EPA 353.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/04/2023 10:12	003 BP1U1/1

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3,v3	1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		01/04/2023 4:37 PM	003 VG9C1/2
Bromoform	<0.50		1	ug/L		01/04/2023 4:37 PM	003 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

See qualifiers page for additional qualifier definitions.

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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575 Broad Hollow Road, Melville, NY 11747
 TEL: (631) 694-3040 FAX: (631) 420-8436
www.pacelabs.com

Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

Air Stripper

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Lab No. : 70241898003
Client Sample ID.: AS-05947

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:40 AM Point AS-05947

Received : 01/03/2023 02:24 PM Location WELL 4 AIRSTRIPPER

Collected By CLIENT

Chlorodifluoromethane	<0.50	N3	1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Chloroform	<0.50		1	ug/L		01/04/2023 4:37 PM	003 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L		01/04/2023 4:37 PM	003 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Dichlorodifluoromethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Hexachloro-1,3-butadiene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Isopropylbenzene (Cumene)	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Methyl-tert-butyl ether	<0.50		1	ug/L	10	01/04/2023 4:37 PM	003 VG9C1/2
Methylene Chloride	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Styrene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Tetrachloroethene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Toluene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50		1	ug/L	80	01/04/2023 4:37 PM	003 VG9C1/2
Trichloroethene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Trichlorofluoromethane	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Vinyl chloride	<0.50		1	ug/L	2	01/04/2023 4:37 PM	003 VG9C1/2
cis-1,2-Dichloroethene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
cis-1,3-Dichloropropene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
m&p-Xylene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
n-Butylbenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
n-Propylbenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
o-Xylene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
p-Isopropyltoluene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
sec-Butylbenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
tert-Butylbenzene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
trans-1,2-Dichloroethene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
trans-1,3-Dichloropropene	<0.50		1	ug/L	5	01/04/2023 4:37 PM	003 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	106%		1	%REC		01/04/2023 4:37 PM	003 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	90%		1	%REC		01/04/2023 4:37 PM	003 VG9C1/2

Analytical Method:SM22 2120B

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Apparent Color	<5.0		1	units		01/04/2023 2:12 PM	003 BP1U1/1
pH	7.7		1	Std. Units		01/04/2023 2:12 PM	003 BP1U1/1

Analytical Method:SM22 2150B

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Odor @ 60 Degrees C	2		1		3	01/04/2023 10:30	003 AG2U1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
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 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit. Estimated value - below calibration range
 U - Indicates the compound was analyzed for, but not detected
 See qualifiers page for additional qualifier definitions.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.



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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

Air Stripper

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 01/03/2023 11:40 AM Point AS-05947

Received : 01/03/2023 02:24 PM Location WELL 4 AIRSTRIPPER

Collected By CLIENT

Lab No. : 70241898003
Client Sample ID.: AS-05947

Analytical Method:SM22 2320B

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Alkalinity, Total as CaCO ₃	26.2		1	mg/L		01/11/2023 5:28 PM	003 BP1U1/1

Analytical Method:SM22 2330 LSI

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Corrosivity	-1.21		1			01/13/2023 11:06	003 BP1U1/1

Analytical Method:SM22 2540C

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Total Dissolved Solids	169		1	mg/L		01/06/2023 4:56 PM	003 BP1U1/1

Analytical Method:SM22 4500 NH₃ H

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
Nitrogen, Ammonia	<0.10		1	mg/L		01/16/2023 2:36 PM	003 BP3S1/1

Analytical Method:SM22 5540C

Prep Method: SM22 5540C

Prep Date: 01/04/2023 11:11

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
LAS Molecular Weight, g/mol	320		1			01/04/2023 11:22	003 BP1U1/1
MBAS, Calculated as LAS	<0.080		1	mg/L		01/04/2023 11:22	003 BP1U1/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.
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 See qualifiers page for additional qualifier definitions.

Result(s) reported meet(s) NYS Regulatory Limit(s).
 Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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WorkOrder :

70241898

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity



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WorkOrder :

70241898

Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302



575 Broad Hollow Road, Melville, NY 11747

TEL: (631) 694-3040 FAX: (631) 420-8436

www.pacelabs.com

WorkOrder :

70241898

Additional Qualifiers

D6 - The precision between the sample and sample duplicate exceeded 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.

v3 - The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

WO#: 70241898



70241898

47

Sample Request Form PUBLIC WATER SUPPLIER

Date: 1-3-23

Collected By: Ken Podlaski

Accepted By: Jim ALZ 12/24

Cooler Temp: 42 °C (W)

☐ WELL OFF LINE☒ WELL RUN TO SYSTEM☒ YES ☐ NO VOC'S PRESERVED WITH HCl**Client Info:**

Name or Code: ALBERTSON WATER DIST

Address: 184 Shepherd LA

Roslyn HTS N.Y 11507

Phone #: 516 621-3610

Attn: Betch

Proj. # or (Name):

Bill To:

Copies To:

Sample Types

PW - Potable Water

GW - Groundwater

SW - Surface Water

WW - Waste Water

AQ - Aqueous

S - Soil

Purpose

RO - Routine

RE - Resample

S - Special

Origin

D - Distribution

RW - Raw Well

TW - Treated Well

T - Tank

MW - Monitoring Well

I - Influent

E - Effluent

Treatment Types

AST - Air Stripper

GAC - Granular Activated Charcoal

N - Nitrate Removal Plant

FE - Iron Removal Plant

O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
1-3-23 11:30 AM	PW	well 4 RAW N 05947	RW	-	RO	6.3/132°	FOC'S	001
1-3-23 11:30 AM	PW	well 4 RAW N-05947	RW	-	RO	6.3	1-4 Drotane	
1-3-23 11:30 AM	PW	well 4 RAW N 05947	RW	-	RO	6.3	VOCS	
1-3-23 11:30 AM	PW	well 4 RAW N 05947	RW	-	RO	6.3	perchlorate	
1-3-23 11:30 AM	PW	well 4 RAW N 05947	RW		RO	6.3	PFOA/PFOS 533	↓
1-3-23 11:30 AM	PW	well 4 RAW N 05947	RW				PFOA/PFOS 533 field blank	002
1-3-23 11:40 AM	PW	well 4 Treated AS 05947	TW	AST	RO	7.7/158°	VOCS	003
1-3-23 11:40 AM	PW	well 4 Treated AS 05947	TW	AST	RO	7.7	FOC'S	↓
Remarks:								

W0#: 70241898

PM: JSA Due Date: 01/13/23
CLIENT: AWD

NY 11747

(631) 674-3040 Fax: (631) 420-8436

Sample Request Form PUBLIC WATER SUPPLIER

Date: 1-3-23

Collected By: Ken Ballask

Accepted By: Jan PULI 1/4/24

Cooler Temp: 4.2 °C

☐ WELL OFF LINE

☒ WELL RUN TO SYSTEM

☒ YES ☐ NO VOC'S PRESERVED WITH HCl

Client Info:

Name or Code: ALBERTSON WATER DIST

Address: 154 Shepherd LA

Roslyn HTS NY 11577

Phone #: 516 621-3610

Attn: Butch

Proj. # or (Name):

Bill To:

Copies To:

Sample Types

PW - Potable Water
GW - Groundwater
SW - Surface Water
WW - Waste Water
AQ - Aqueous
S - Soil

Purpose

RO - Routine
RE - Resample
S - Special

Origin

D - Distribution
RW - Raw Well
TW - Treated Well
T - Tank
MW - Monitoring Well
I - Influent
E - Effluent

Treatment Types

AST - Air Stripper
GAC - Granular Activated Charcoal
N - Nitrate Removal Plant
FE - Iron Removal Plant
O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
1-3-23 11:00pm	PW	well 5 RAW N 08558	RAW	-	RO	6.4/13.0	TOC'S	004
1-3-23 11:00pm	PW	well 5 RAW N 08558	RAW	-	RO	6.4	1-4 Dioxane	
1-3-23 11:00pm	PW	well 5 RAW N 08558	RAW	-	RO	6.4	VOC'S	
1-3-23 11:00pm	PW	well 5 RAW N 08558	RAW	-	RO	6.4	Perchlorate	
1-3-23 1-10pm	PW	well 5 RAW N 08558	RAW	-	RO	6.4	PFOA/PFOS 533	
1-3-23 1-10pm	PW	well 5 RAW N 08558	RAW	-	RO		PFOA/PFOS 533 field blank	005
1-3-23 1-20pm	PW	well 5 TREATED AS 08558	TW	AST	RO	7.6/13.6	TOC'S	006
1-3-23 1-20pm	PW	well 5 TREATED AS 08558	TW	AST	RO	7.6	VOC'S	
Remarks:								

Pace Analytical®

Client Name:

WO#: 70241898

PM: JSA

Due Date: 01/13/23

CLIENT: AWD

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

Tracking #:

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

Thermometer Used: T1148

Correction Factor: + 0.1

Type of Ice: ☒ Wet ☐ Blue ☐ None

Cooler Temperature(°C): 4.2

Cooler Temperature Corrected(°C): 4.3

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Temp should be above freezing to 6.0°C

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

Date and Initials of person examining contents: SIM 1/3

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ Noincluding Hawaii and Puerto Rico)? ☐ Yes ☒ No

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

			COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: SL WT OIL			
All containers needing preservation have been checked?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot # MC293085			Sample #
All containers needing preservation are found to be in compliance with method recommendation?			
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, NAOH > 12 Cyanide)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 [water].			
Per Method, VOA pH is checked after analysis			
Samples checked for dechlorination:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	14. Initial when completed: Lot # of added preservative: Date/Time preservative added:
KI starch test strips Lot #			
Residual chlorine strips Lot #			Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot # 14-862			
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):			

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution:



301 Fulling Mill Road | Middletown, PA 17057 | Phone: 717-944-5541 | Fax: 717-944-1430 | www.alsglobal.com

NELAP Certifications: NJ PA010 , NY 11759 , PA 22-293 DoD ELAP: PJLA 74618
State Certifications: FL E871113 , WA C999 , MD 128 , VA 460157 , WV DW 9961-C , WV 343

Analytical Results Report For

Pace Analytical Services, Inc.-NY

Project 70241898
Workorder 3281779
Report ID 218748 on 1/13/2023

Certificate of Analysis

Enclosed are the analytical results for samples received by the laboratory on Jan 05, 2023.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Sarah Leung (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

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ALS Middletown: 301 Fulling Mill Road, Middletown, PA 17057 : 717-944-5541.

Recipient(s):

Tara Bernier - Pace Analytical Services, Inc.-NY
Reporting - Pace Analytical Services, Inc.-NY

Sarah Leung

Sarah Leung
Project Coordinator

(ALS Digital Signature)

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Sample Summary

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collector	Collection Company
3281779001	N-05947	NY Potable Water	01/03/2023 11:30	01/05/2023 08:48	CBC	Collected By Client
3281779002	N-08558	NY Potable Water	01/03/2023 13:10	01/05/2023 08:48	CBC	Collected By Client



Reference

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- Except as qualified, Clean Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 136.
- Except as qualified, Safe Drinking Water Act sample analyses are consistent with methodology requirements in 40 CFR Part 141.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".
- For microbiological analyses, the "Prepared" value is the date/time into the incubator and the "Analyzed" value is the date/time out the incubator.
- An Analysis-Prep Method Cross Reference Table is included after Analytical Results & Qualifiers section in this report.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND) above the MDL
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Practical Quantitation Limit for this Project
ND	Not Detected - indicates that the analyte was Not Detected
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits
#	Please reference the result in the Results Section for analyte-level flags.



Project Notations

Sample Notations

Lab ID Sample ID

Result Notations

Notation Ref.



Detected Results Summary

Not applicable for this WO.



Results

Client Sample ID	N-05947	Collected	01/03/2023 11:30
Lab Sample ID	3281779001	Lab Receipt	01/05/2023 08:48

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Perchlorate	ND	ND	ug/L	4.0	1.4	EPA 314.0	1	01/11/2023 16:50	DMG	A



Results

Client Sample ID	N-08558	Collected	01/03/2023 13:10
Lab Sample ID	3281779002	Lab Receipt	01/05/2023 08:48

WET CHEMISTRY

Compound	Result	Flag	Units	RDL	MDL	Method	Dilution	Analysis Date/Time	By	Cntr
Perchlorate	ND	ND	ug/L	4.0	1.4	EPA 314.0	1	01/11/2023 19:07	DMG	A



Sample - Method Cross Reference Table

Lab ID	Sample ID	Analysis Method	Preparation Method	Leachate Method
3281779001	N-05947	EPA 314.0	N/A	
3281779002	N-08558	EPA 314.0	N/A	



QUALITY CONTROL SAMPLES

WET CHEMISTRY

QC Batch

QC Batch	933086	Prep Method	N/A
Date	N/A	Analysis Method	EPA 314.0
Tech.			

Associated Samples

3281779001 3281779002

Matrix Spike 3610347 (MS) 3282483002 (non-Project Sample) For QC Batch 933086

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Matrix Spike Duplicate 3610348 (MSD) 3282483002 (non-Project Sample) For QC Batch 933086

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Perchlorate	14797-73-0	MS	25	0	25	100	80 - 120		
Perchlorate	14797-73-0	MSD	24.70	0	25	98.7	80 - 120	RPD 1.49 (Max-15)	

Method Blank 3608045 (MB) Created on 01/06/2023 13:05 For QC Batch 933086

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
Perchlorate	14797-73-0	BLK	ND	ug/L	4.0	ND

Lab Control Standard 3608046 (LCS) Created on 01/06/2023 13:05 For QC Batch 933086

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Perchlorate	14797-73-0	LCS	25		25	99.8	85 - 115		

Matrix Spike 3608047 (MS) 3281779001 For QC Batch 933086

****NOTE - The Original Result shown below is a raw result and is only used for the purpose of calculating Matrix Spike percent recoveries. This result is not a final value and cannot be used as such.

Matrix Spike Duplicate 3608048 (MSD) 3281779001 For QC Batch 933086

RESULTS

Compound	CAS No		Result (ug/L)	Orig. Result (ug/L)	Spk Added (ug/L)	Rec. (%)	Limits (%)	RPD Limit (%)	Qualifiers
Perchlorate	14797-73-0	MS	23.90	0	25	95.5	80 - 120		
Perchlorate	14797-73-0	MSD	23.80	0	25	95.3	80 - 120	RPD 0.25 (Max-15)	



QUALITY CONTROL SAMPLES

WET CHEMISTRY (cont.)

Method Blank 3608049 (MB) Created on 01/06/2023 13:05 For QC Batch 933086

RESULTS

Compound	CAS No		Result	Units	RDL	Qualifiers
Perchlorate	14797-73-0	BLK	ND	ug/L	4.0	ND



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Lab ID	Sample ID	Preparation Method	Prep Batch	Prep Date/Time	By	Analysis Method	Anly Batch
3281779001	N-05947	N/A	N/A	N/A		EPA 314.0	933086
3281779002	N-08558	N/A	N/A	N/A		EPA 314.0	933086

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Laboratory Results

Results for the samples and analytes requested
The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
Origin: Raw Well
Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 02/01/2023 02:00 PM Point N-05947

Received : 02/01/2023 02:43 PM Location Well #4

Collected By CLIENT

Lab No. : 70244890001
Client Sample ID.: N-05947

Sample Comments:

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

Analytical Method: EPA 533		Prep Method: EPA 533			Prep Date: 02/14/2023 11:01		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
11CI-PF3OUdS	<1.9	L2	1	ng/L		02/23/2023 3:34 PM	001 BP351/2
4:2 FTS	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
6:2 FTS	<3.8	L1	1	ng/L		02/23/2023 3:34 PM	001 BP351/2
8:2 FTS	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
9CI-PF3ONS	<1.9	L2	1	ng/L		02/23/2023 3:34 PM	001 BP351/2
ADONA	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
HFPO-DA	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
NFDHA	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
PFBA	3.4		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
PFEESA	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
PFHpS	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
PFMBA	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
PFMPA	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
PFPeA	4.8		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
PFPeS	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluorobutanesulfonic acid	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluorodecanoic acid	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluorododecanoic acid	<1.9	L2	1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluoroheptanoic acid	3.3		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluorohexanesulfonic acid	3.1		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluorohexanoic acid	4.1		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluorononanoic acid	5.7		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Perfluorooctanesulfonic acid	8.0	L2	1	ng/L	10	02/23/2023 3:34 PM	001 BP351/2
Perfluorooctanoic acid	8.8		1	ng/L	10	02/23/2023 3:34 PM	001 BP351/2
Perfluoroundecanoic acid	<1.9		1	ng/L		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C2-PFDoA (S)	37%	S0	1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C24:2FTS (S)	112%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C26:2FTS (S)	125%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C28:2FTS (S)	98%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C3-PFBS (S)	84%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C3-PFHxS (S)	87%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C3HFPO-DA(S)	45%	S0	1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C4-PFBA (S)	59%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C4-PFHpA (S)	55%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C5-PFHxA (S)	53%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C5-PFPeA (S)	54%		1	%REC		02/23/2023 3:34 PM	001 BP351/2
Surr: 13C6-PFDA (S)	45%	S0	1	%REC		02/23/2023 3:34 PM	001 BP351/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 03/06/2023



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Laboratory Results

Results for the samples and analytes requested
The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
Origin: Raw Well
Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Lab No. : 70244890001
Client Sample ID.: N-05947

Attn To : John Rotolo

Federal ID : 2902815

Collected : 02/01/2023 02:00 PM Point N-05947

Received : 02/01/2023 02:43 PM Location Well #4

Collected By CLIENT

Sample Comments:

Samples were received on the same day of collection on ice and are above 6 degrees Celcius. Samples were placed on ice by the lab and the cooling process has begun.

Surr: 13C7-PFUDa (S)	40%	S0	1	%REC	02/23/2023 3:34 PM	001 BP351/2
Surr: 13C8-PFOA (S)	56%		1	%REC	02/23/2023 3:34 PM	001 BP351/2
Surr: 13C8-PFOS (S)	84%		1	%REC	02/23/2023 3:34 PM	001 BP351/2
Surr: 13C9-PFNA (S)	51%		1	%REC	02/23/2023 3:34 PM	001 BP351/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 03/06/2023

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Laboratory Results

Results for the samples and analytes requested
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Sample Information:

Type: Drinking Water
 Origin: Other
 Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 02/01/2023 02:00 PM Point N-05947 FB

Received : 02/01/2023 02:43 PM Location

Collected By CLIENT

Lab No. : 70244890002
Client Sample ID.: N-05947 FB

Analytical Method: EPA 533		Prep Method: EPA 533			Prep Date: 02/05/2023 10:45		
Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
11CI-PF3OUdS	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
4:2 FTS	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
6:2 FTS	10.2	B,L1	1	ng/L		02/11/2023 5:42 AM	002 BP351/1
8:2 FTS	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
9CI-PF3ONS	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
ADONA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
HFPO-DA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
NFDHA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
PFBA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
PFEESA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
PFHpS	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
PFMBA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
PFMPA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
PFPeA	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
PFPeS	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluorobutanesulfonic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluorodecanoic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluorodecanoic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluoroheptanoic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluorohexanesulfonic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluorohexanoic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluorononanoic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Perfluorooctanesulfonic acid	<2.0		1	ng/L	10	02/11/2023 5:42 AM	002 BP351/1
Perfluorooctanoic acid	<2.0		1	ng/L	10	02/11/2023 5:42 AM	002 BP351/1
Perfluoroundecanoic acid	<2.0		1	ng/L		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C2-PFDoA (S)	89%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C24:2FTS (S)	110%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C26:2FTS (S)	112%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C28:2FTS (S)	111%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C3-PFBS (S)	106%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C3-PFHxS (S)	102%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C3HFPO-DA(S)	90%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C4-PFBA (S)	90%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C4-PFHpA (S)	89%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C5-PFHxA (S)	89%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C5-PFPeA (S)	88%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C6-PFDA (S)	89%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C7-PFUdA (S)	92%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C8-PFOA (S)	90%		1	%REC		02/11/2023 5:42 AM	002 BP351/1
Surr: 13C8-PFOS (S)	106%		1	%REC		02/11/2023 5:42 AM	002 BP351/1

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 03/06/2023

Jennifer Aracri

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Laboratory Results

Results for the samples and analytes requested
The lab is not directly responsible for the integrity of the sample before
receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
Origin: Other
Routine

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 02/01/2023 02:00 PM Point N-05947 FB

Received : 02/01/2023 02:43 PM Location

Collected By CLIENT

Lab No. : 70244890002

Client Sample ID.: N-05947 FB

Surr: 13C9-PFNA (S)	90%	1	%REC	02/11/2023 5:42 AM	002 BP351/1
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Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Date Reported: 03/06/2023

Jennifer Aracri

Test results meet the requirements of NELAC
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Laboratory Results

Results for the samples and analytes requested
 The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water
 Origin: Treated Well
 Routine

Treatment

Air Stripper

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 02/01/2023 02:00 PM Point AS-05947

Received : 02/01/2023 02:43 PM Location WELL 4 AIRSTRIPPER

Collected By CLIENT

Lab No. : 70244890003
Client Sample ID.: AS-05947

Analytical Method:EPA 524.2

Parameter(s)	Results	Qualifier	D.F.	Units	Limit	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,1,1-Trichloroethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,1,2,2-Tetrachloroethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,1,2-Trichloroethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,1,2-Trichlorotrifluoroethane	<0.50	N3	1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,1-Dichloroethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,1-Dichloroethene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,2,3-Trichlorobenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,2,3-Trichloropropane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,2,4-Trichlorobenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,2,4-Trimethylbenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,2-Dichlorobenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,2-Dichloropropane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,3,5-Trimethylbenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,3-Dichlorobenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,3-Dichloropropane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
1,4-Dichlorobenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
2,2-Dichloropropane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
2-Chlorotoluene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
4-Chlorotoluene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Benzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Bromobenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		02/06/2023 5:20 PM	003 VG9C1/2
Bromoform	<0.50		1	ug/L		02/06/2023 5:20 PM	003 VG9C1/2
Bromomethane	<0.50	L2	1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Chloroform	<0.50		1	ug/L		02/06/2023 5:20 PM	003 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L		02/06/2023 5:20 PM	003 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Dichlorodifluoromethane	<0.50	L2	1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Hexachloro-1,3-butadiene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Isopropylbenzene (Cumene)	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2

Qualifiers:

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

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

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

See qualifiers page for additional qualifier definitions.

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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575 Broad Hollow Road, Melville, NY 11747

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Laboratory Results

Results for the samples and analytes requested

The lab is not directly responsible for the integrity of the sample before receipt at the lab and is responsible only for the certified tests

Sample Information:

Type: Drinking Water

Origin: Treated Well

Routine

Treatment

Air Stripper

Albertson Water District
184 Shepherd Lane
Roslyn Heights, NY 11577

Attn To : John Rotolo

Federal ID : 2902815

Collected : 02/01/2023 02:00 PM Point AS-05947

Received : 02/01/2023 02:43 PM Location WELL 4 AIRSTRIPPER

Collected By CLIENT

Lab No. : 70244890003

Client Sample ID.: AS-05947

Methyl-tert-butyl ether	<0.50	L1	1	ug/L	10	02/06/2023 5:20 PM	003 VG9C1/2
Methylene Chloride	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Styrene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Tetrachloroethene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Toluene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50		1	ug/L	80	02/06/2023 5:20 PM	003 VG9C1/2
Trichloroethene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Trichlorofluoromethane	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Vinyl chloride	<0.50		1	ug/L	2	02/06/2023 5:20 PM	003 VG9C1/2
cis-1,2-Dichloroethene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
cis-1,3-Dichloropropene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
m&p-Xylene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
n-Butylbenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
n-Propylbenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
o-Xylene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
p-Isopropyltoluene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
sec-Butylbenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
tert-Butylbenzene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
trans-1,2-Dichloroethene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
trans-1,3-Dichloropropene	<0.50		1	ug/L	5	02/06/2023 5:20 PM	003 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	100%		1	%REC		02/06/2023 5:20 PM	003 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	92%		1	%REC		02/06/2023 5:20 PM	003 VG9C1/2

Qualifiers:

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ND - Not Detected at or above adjusted reporting limit.

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

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

See qualifiers page for additional qualifier definitions.

Result(s) reported meet(s) NYS Regulatory Limit(s).

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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WorkOrder :

70244890

Laboratory Certifications

Pace Analytical Services Ormond Beach

8 East Tower Circle, Ormond Beach, FL 32174
Alaska DEC- CS/UST/LUST
Alabama Certification #: 41320
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Certification: FL NELAC Reciprocity
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
New Hampshire Certification #: 2958
New Jersey Certification #: FL022
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
North Dakota Certification #: R-216
Ohio DEP 87780
Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity



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Laboratory Certifications

Pace Analytical Services Long Island

575 Broad Hollow Rd, Melville, NY 11747
Connecticut Certification #: PH-0435
Delaware Certification # NY 10478
Maryland Certification #: 208
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987
New Jersey Certification #: NY158
New York Certification #: 10478 Primary Accrediting Body
Pennsylvania Certification #: 68-00350
Rhode Island Certification #: LAO00340
Virginia Certification # 460302



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Additional Qualifiers

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.

N3 - Accreditation is not offered by the relevant laboratory accrediting body for this parameter.

WO#: 70244890



Sample Request Form

PUBLIC WATER SUPPLIER

Date: 2-1-23

Collected By: Ben Puskas

Accepted By:

Cooler Temp: 8.6 °C

(W) 2/1/23 14:43

☐ WELL OFF LINE☒ WELL RUN TO SYSTEM☒ YES ☐ NO VOC'S PRESERVED WITH HCl**Client Info:**

Name or Code: ALBERTSON WATER DIST

Address: 184 Shepherd LA

Roslyn HTS NY 11577

Phone #: 516 621-3610

Attn: Ben

Proj. # or (Name):

Bill To:

Copies To:

Sample Types

PW - Potable Water

GW - Groundwater

SW - Surface Water

WW - Waste Water

AQ - Aqueous

S - Soil

Purpose

RO - Routine

RE - Resample

S - Special

Origin

D - Distribution

RW - Raw Well

TW - Treated Well

T - Tank

MW - Monitoring Well

I - Influent

E - Effluent

Treatment Types

AST - Air Stripper

GAC - Granular Activated Charcoal

N - Nitrate Removal Plant

FE - Iron Removal Plant

O - Other

Sample Info:

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
2-1-23 2:40 PM	PW	well 4 RAW N 05947	RW	-	RO	6.4	PFOA/pFOS 533	
2-1-23 2:40 PM	PW	well 4 RAW N 05947	RW				PFOA/pFOS 533 ^{field} BLANK	
2-1-23 2:40 PM	PW	well 4 TREATED AS 05947	TW	AST	RO	7.7	VOC's	

Remarks:

WO#: 70244890

PM: JSA

Due Date: 02/13/23

CLIENT: AWD

Client:

Profile #

☐ Use Point Number

WORK ORDER:

Notes

[illegible]

Container Codes

Glass				Plastic		Misc.	
VG9U	40mL unpres clear vial	AG4U	125mL unpres amber	BP4U	125mL unpreserved	SP5T	120mL Coliform Na Thio
VG9C	40mL Ascorbic-HCl	AG3U	250mL unpres amber	BP3U	250mL unpreserved	R	Terracore Kit
VG9H	40mL HCl clear vial	AG2U	500mL unpres amber	BP2U	500mL unpreserved	WG2U	2oz Unpreserved Jar
VG9S	40mL Sulfuro clear vial	AG1U	1liter unpres amber	BP1U	1L unpreserved plastic	WGFU	4oz Unpreserved Jar
DG9T	40mL Na Thiosulfate vial	AG34	Ammonium Cl 250mL	BP4N	125mL HNO3 plastic	WGKU	8oz Unpreserved Jar
DG9Y	40mL Citrate-Na	AG3S	250mL H2SO4 amber	BP3N	250mL HNO3 plastic	WGDU	16oz Unpreserved Jar
DG9P	40mL amber vial - TSP	AG4E	125mL EDA amber	BP2N	500mL HNO3 plastic	ZPLC	Ziplock Bag
DG9A	Ascorbic/Maleic Acid	AG3T	250mL Na Thio amber	BP3S	250mL H2SO4 plastic	TEDL	Tedlar Bag
DG6T	Na Thio 60mL Vial	AG2R	Na Sulfite 500mL (blue	BP2S	500mL H2SO4 plastic	BG1H	1L HCl Clear Glass
DG9S	Ammonium Cl/CuSO4	AG1T	Na Thiosulfate 1L bottle	BP3C	NaOH 250mL bottle	GN	General
CG1U	1L Unpres Jar (Con Ed)	AG1H	1L HCl amber glass	BP3T	250mL Trizma	WP	Wipe
		AG1A	1L Ammonium Chloride	BP35	250mL Ammonium		
WG9Q	8oz clear soil jar			BP3R	250mL NH4SO4-		
WG4Q	4oz clear soil jar			BP1Z	1L NaOH, Zn Acetate		
				BP1N	1L HNO3 plastic		
				BP1B	Na Thiosulfate Amber		

IOC	
BP1U	1L unpreserved plastic
BP3N*	250mL HNO3 plastic
BP3C	250mL Sodium
AG2U	500mL unpres amber

- Can also be a BP4N

Matrix	
WT	Water
SL	Solid
NAL	Non-aqueous Liquid
OL	OIL
WP	Wipe
DW	Drinking Water

SOC	
DG9T	40mL Na Thio amber
DG9A	40mL Ascorbic acid
DG9Y	Citrate/Na Thiosulfate
DG6T	Na Thiosulfate 60mL vial
AG3U	250mL unpres amber
AG3T	Na Thiosulfate 250mL
BP1B	Na Thiosulfate Amber
AG1T	Na Thiosulfate 1L
AG1A	(NH ₄ CL)

Additional Comments

⇒ For the 2nd sample, please log-in as "N 05947 FB".

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

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ Yes ☐ No Seals intact: ☐ Yes ☐ No ☒ N/APacking Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☒ None ☐ OtherThermometer Used: T1148Correction Factor: + 0.1Temperature Blank Present: ☐ Yes ☒ NoType of Ice: Wet Blue NoneCooler Temperature (°C): 8.6Cooler Temperature Corrected (°C): 8.7☒ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer _____

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☒ N/A, water sample)Date and Initials of person examining contents SH 2/12/23

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC,

Did samples originate from a foreign source

NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ Noincluding Hawaii and Puerto Rico)? ☐ Yes ☒ No

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

		COMMENTS:
Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume: (Triple volume provided for IGC)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12.
-Includes date/time/ID, Matrix: <u>SL WT OIL</u>		
All containers needing preservation have been checked?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13. <input type="checkbox"/> HNO ₃ <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HCl
pH paper Lot #		Sample #
All containers needing preservation are found to be in compliance with method recommendation?		
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH > 9 Sulfide, <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		
NAOH > 12 Cyanide)		
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).		Initial when completed: Lot # of added preservative: Date/Time preservative added:
Per Method, VOA pH is checked after analysis		
Samples checked for dechlorination:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
KI starch test strips Lot #		
Residual chlorine strips Lot #		Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	15.
Lead Acetate Strips Lot #		Positive for Sulfide? Y N
Headspace in VOA Vials (>6mm):	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	16.
Trip Blank Present:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	17.
Trip Blank Custody Seals Present	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Pace Trip Blank Lot # (if applicable):		

Client Notification/ Resolution:

Field Data Required?

Y / N

Person Contacted:

Date/Time:

Comments/ Resolution: