October 5, 2022

Albertson Water District PWS ID No. NY2902815 MCL Deferral for PFOA and PFOS Quarterly Report – Third Quarter 2022

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 Districts motion for relief to lift the Stop Work Order on June 16, 2022. On June 29, 2022, the District filed for a Building Permit with the Town of North Hempstead. Subsequently, at the Town's request, a Gas Permit, Infrastructure Permit, and Plumbing Permit were filed on July 1, 2022. Following a second request, the District filed for a Drainage Permit and HVAC permit on July 5, 2022. Also, on July 5, 2022, the District filed an appeal with the Second Department Appellate Division regarding the Town's asserted jurisdiction on the project, requesting the lower court's decision be vacated. On July 8, 2022, a Generator Permit and a Road Opening Permit were filed on August 9, 2022, which resulted in the issuance of a Town Building Permit on August 11, 2022. On August 17, 2022, a meeting was held onsite with the Town Building Inspector, and, because of that meeting, a Fence Permit was required, filed, and subsequently issued on August 23, 2022.

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 and any supply chain issues and delays remain fully unrealized as work has not yet recommenced and could have not been fully anticipated at the time of the original compliance deferral or the renewal. Construction remains on hold as the Town has not yet issued a Plumbing Permit or Gas Permit. The Town received all of the materials for these permits on July 1, 2022 and insisted upon the Plumbing Contractor have a Town License. The District has been working with its Plumbing Contractor and filed supplemental information on September 21, 2022 in an effort to re-commence construction on the site prior to the onset of winter conditions.

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 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. As such, anticipating the on-going conditions of supply chain issues and regulatory delays, additional time consideration past the deferral renewal deadline of April 2023 will most likely be needed to bring the project to a substantially completed status. Well 4 remains in service and, although the District has been 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 third quarter of 2022 are contained in the tables below. Full laboratory reports for each sample are contained in **Attachment B**.

PFOA (parts per trillion, ppt)

Well		Date	
vv en	07/05/2022	08/02/2022	09/01/2022
Well 4 (N-05947)	8.2	8.7	7.8

PFOS (parts per trillion, ppt)

Well		Date	
vv en	07/05/2022	08/02/2022	09/01/2022
Well 4 (N-05947)	7.1	7.9	7.3

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, <u>www.albertsonwater.org</u>.

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 MCL Deferral Quarterly Report - Q3 2022

Well 4 GAC Project Schedule

2022	1	012	01.2		. 4	2023		01.2	
Qtr 1	<u> </u>	Qtr 2	Qtr 3	_ Qtr	r 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4
		٠	6/16						
	Qtr '	Qtr 1	Qtr 1 Qtr 2	Qtr 1 Qtr 2 Qtr 3	Qtr 1 Qtr 2 Qtr 3 Qtr	Qtr 1 Qtr 2 Qtr 3 Qtr 4	Qtr 1 Qtr 2 Qtr 3 Qtr 4 Qtr 1	Qtr 1 Qtr 2 Qtr 3 Qtr 4 Qtr 1 Qtr 2	Qtr 1 Qtr 2 Qtr 3 Qtr 4 Qtr 1 Qtr 2 Qtr 3

ATTACHMENT B

Water Quality Data



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

Client Sample ID.: N-05947

Lab No.: 70220889003

Type: Drinking Water Origin: Raw Well Routine

Albertson Water District

184 Shepherd Lane

Roslyn Heights, NY 11577 Attn To: John Rotolo

Federal ID :

2902815

07/05/2022 01:35 PM Collected : Point 07/05/2022 03:00 PM

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

www.pacelabs.com

N-05947 Location Well #4

Received : Collected By CLIENT

Analytical Method: EPA 533 Prep Method: EPA 533 Prep Date: 07/28/2022 1:15 PM Parameter(s) Results Qualifier D.F. Units Limit Analyzed: Container: 11CI-PF3OUdS <1.9 ng/L 07/29/2022 6:42 PM 003 BP351/2 1 4:2 FTS 07/29/2022 6:42 PM 003 BP351/2 <1.9 1 ng/L <3.8 ng/L 07/29/2022 6:42 PM 003 BP351/2 6:2 FTS 1 8:2 FTS <1.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 9CI-PF3ONS <1.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 ADONA <1.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 HFPO-DA <1.9 ng/L 07/29/2022 6:42 PM 003 BP351/2 1 07/29/2022 6:42 PM NFDHA <1.9 003 BP351/2 1 ng/L **PFBA** 2.9 003 BP351/2 1 ng/L 07/29/2022 6:42 PM PFEESA <1.9 ng/L 07/29/2022 6:42 PM 003 BP351/2 1 <1.9 07/29/2022 6:42 PM 003 BP351/2 PFHpS 1 ng/L **PFMBA** <1.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 PFMPA <1.9 ng/L 07/29/2022 6:42 PM 003 BP351/2 1 **PFPeA** 4.2 07/29/2022 6:42 PM ng/L 003 BP351/2 1 PFPeS <1.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Perfluorobutanesulfonic acid <1.9 ng/L 07/29/2022 6:42 PM 003 BP351/2 1 Perfluorodecanoic acid 07/29/2022 6:42 PM 003 BP351/2 <1.9 1 ng/L Perfluorododecanoic acid <1.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Perfluoroheptanoic acid 2.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Perfluorohexanesulfonic acid 2.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Perfluorohexanoic acid 3.7 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Perfluorononanoic acid 4.6 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Perfluorooctanesulfonic acid 1 ng/L 10 07/29/2022 6:42 PM 003 BP351/2 7.1 10 Perfluorooctanoic acid 8.2 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Perfluoroundecanoic acid <1.9 1 ng/L 07/29/2022 6:42 PM 003 BP351/2 Surr: 13C2-PFDoA (S) 77% %REC 07/29/2022 6:42 PM 003 BP351/2 1 Surr: 13C24:2FTS (S) 118% %REC 07/29/2022 6:42 PM 003 BP351/2 1 Surr: 13C26:2FTS (S) 98% 1 %REC 07/29/2022 6:42 PM 003 BP351/2 Surr: 13C28:2FTS (S) 97% %REC 07/29/2022 6:42 PM 003 BP351/2 1 Surr: 13C3-PFBS (S) 112% 1 %REC 07/29/2022 6:42 PM 003 BP351/2 Surr: 13C3-PFHxS (S) %REC 07/29/2022 6:42 PM 003 BP351/2 95% 1 Surr: 13C3HFPO-DA(S) 93% %RFC 07/29/2022 6:42 PM 003 BP351/2 1 Surr: 13C4-PFBA (S) %REC 003 BP351/2 91% 1 07/29/2022 6:42 PM Surr: 13C4-PFHpA (S) 94% %REC 07/29/2022 6:42 PM 003 BP351/2 1 Surr: 13C5-PFHxA (S) 104% 1 %REC 07/29/2022 6:42 PM 003 BP351/2 Surr: 13C5-PFPeA (S) 107% 1 %REC 07/29/2022 6:42 PM 003 BP351/2 84% Surr: 13C6-PFDA (S) 1 %REC 07/29/2022 6:42 PM 003 BP351/2 Surr: 13C7-PFUdA (S) 81% %REC 003 BP351/2 1 07/29/2022 6:42 PM %REC 90% Surr: 13C8-PFOA (S) 1 07/29/2022 6:42 PM 003 BP351/2 Surr: 13C8-PFOS (S) 104% %REC 07/29/2022 6:42 PM 003 BP351/2 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.

Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

			l al	orat	ory Results	<u>S</u>	ample Information:
	Hollow Road, Melville, NY 1174 694-3040 FAX: (631) 420-84 www.pacelab	17 36	Results fo	or the sam	Dies and analytes requested ble for the integrity of the sample before sponsible only for the certified tests	Type: Origin:	Drinking Water Raw Well Routine
Albertson Wa					Lab No. : 70220889003		
184 Shephero	l Lane			Client	Sample ID.: N-05947		
Roslyn Heigh	ts, NY 11577						
Attn To : Johr	n Rotolo						
Federal ID :	2902815						
Collected :	07/05/2022 01:35 PM	Point	N-05947				
Received :	07/05/2022 03:00 PM	Location	Well #4				
Collected By	CLIENT						
Surr: 13C9-PFN	A (S) 919	%		1	%REC	07/29/2022 6:42 PM	003 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.

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page 6 of 15

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

WorkOrder :

70220889

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



47

- Soil

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Client Info:

<u>Jient Inio</u> :	
Name or Code: Albertson WATES PIST Address: 184 Shepherd IA	
Address: 184 Shepherd IA	_
Roslyn HTS NY 11527	_
Phone #: 516 621 3610	
Attn: BoTch	
Proj. # or (Name):	_
Bill To:	_
Copies To:	_

Sample Info:

Sample Request Form PUBLIC WATER SUPPLIER

Date: 7.5 Collected By: 69 Accepted By: Cooler Temp: 4.5	5-22 fodla>K	BWELL R	FF LINE
Sample Types PW - Potable Water GW - Groundwater SW - Surface Water WW - Waste Water AQ - Aqueous	Purpose RO - Routine RE - Resample S - Special	OriginD- DistributionRW- Raw WellTW- Treated WellT- TankMW- Monitoring WellI- Influent	Treatment TypesAST - Air StripperGAC - Granular Activated CharcoalN - Nitrate Removal PlantFE - Iron Removal PlantO - Other

E - Effluent

Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
7-5-22 1.000n 7-522	Pir	RAW N 03732	Ph	-	RO	6.4	PFOAL PFOS 533 PFOALPFOS 533 BLANK	
7-532 1:00pm	PW	RAW N 03732			-		PFOA/PFOS 533 BIANK	
7.5-22	De	Well 4	RW		RO	64	PEM/PES 533	
1:35 pm 7.5-22 135 pm	Ph	KAW N. 05947 KAW N. 05947 KAN N. 05947	KW	1	100	67	PFON/PFES 533 FICIO BIANK	
7.5.22		1.0115A			0			
200 pm 7-5-27	PW	RAW NI 19196 Well 3A	рh	-	RO	6.3	PFOALPFOS 533 PFOALPFOS 533 FIELD	
200 pm	ITW	RAW N 19146					pirta pirtanti	
Remarks:								

8	Sa	imple L	onaltio	n Upon Re	WO#:70220889			
Pace Analytical	Client N	ame:		Pro			Date: 07/19/22	
ourier: Fed Ex UPS USPS Betient	EDomme		ace 🗍 ther		CL.I.ENY :	AND		
ustody Seal on Cooler/Box Present: []Yes	19No			No DAHA			esent: Yes No	
acking Material: 🗀 Bubble Wrap 🗋 Bubble	Bags 📋	Ziploc 🖆	tone ⊡Oth	er		of Ice: 🐨 Bl		
hermometer Used: #109176148	Correct	ion Factor:	t,d				process has begun	
ooler Temperature(°C): 4.0	Cooler 1	emperatu	re Correcte	d[°C]: 4.1	Date,	Time 5035A kits	placed in freezer	
emp should be above freezing to 6.0°C ISDA Regulated Soil (🏼 N/A, water sample)						kamining content	s: A.S 71.	
id samples originate in a quarantine zone wil IM, NY, OK, OR, SC, TN, TX, or VA (check map)?		s No			includ	ling Hawaii and Pu	om a foreign source ierto Rico)? Yesly	
Yes to either question, fill out a Regulate	d Soil Ch	ecklist (F-	LI-C-0 <u>1</u> 0) ar	d include with	SCUR7COC pap	erwork.		
						COMMENTS:		
Chain of Custody Present:	Bres	DNO		1.				
Chain of Custody Filled Out:	eves	□No		2				
Chain of Custody Relinquished:	Qres	DNo		3.		10 K		
Sampler Name & Signature on COC:	teres	⊡No	DN/A	4.				
Samples Arrived within Hold Time:	thes	□No		5.				
Short Hold Time Analysis (<72hr):	□Yes	CHIVO .		6. 7.				
Rush Turn Around Time Requested:	□Yes	DATO						
Sufficient Volume: (Triple volume provided for		⊡No		8				
Correct Containers Used:	Difes	□No		9			5	
-Pace Containers Used:	Difes			10.		7.		
Containers Intact:	L'és		DeN/A	11. No	te if sediment is	visible in the diss	olved container.	
Filtered volume received for Dissolved tests	⊡Yes dev		UMN/A	12.	to il sedificite i			
Sample Labels match COC:	12¥es	⊡No		12.		26		
-Includes date/time/ID, Matrix: SLWT		□No	UN/A	13.	HNO3 DH2	SO₄ □NaOH	I HCI	
All containers needing preservation have bee					- 5			
checked? pH paper Lot #				l.				
All containers needing preservation are found	d to be			Sample #				
in compliance with method recommendation								
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	⊡Yes	ΠNο	DAH/A					
NAOH>12 Cyanide)							3	
Exceptions: VOA, Coliform, TOC/DOC, Oil and G	Grease,				1		- 1 7'	
DR0/8015 (water).				Initial when co		# of added	Date/Time preservati	
Per Method, VOA pH is checked after analysis	s			1	pres	ervative:	added:	
Samples checked for dechlorination:	⊡Yes	⊡No	DH/A	14.				
KI starch test strips Lot #							3	
Residual chlorine strips Lot #	14				tive for Res. Chl	orine? Y N		
SM 4500 CN samples checked for sulfide?	⊡Yes	⊡No		15.		V N		
Lead Acetate Strips Lot #					tive for Sulfide?	Y N		
Headspace in VOA Vials (>6mm):	□Yes	DNo	IDH/A	16.		25		
Trip Blank Present:	⊡Yes	□No	ØN/A	17.				
Trip Blank Custody Seals Present	⊡Yes	⊡No			2			
Pace Trip Blank Lot # (if applicable):				Field Data Rec	uiced?	Y / N		
Client Notification/ Resolution:				D				
				Ud				
Person Contacted: Comments/ Resolution:								

* PM (Project Manager) review is documented electronically in LIMS.

ENV-FRM-MELV-0024 01



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

N-05947

Type: Drinking Water Origin: Raw Well Routine

www.pacelabs.com **Albertson Water District**

184 Shepherd Lane

Roslyn Heights, NY 11577 Attn To : John Rotolo

Federal ID : 2902815 Collected : 08/02/2022 09:15 AM Point Received : 08/02/2022 11:10 AM Location Well #4 Collected By CLIENT

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

Lab No. : 70224097001 Client Sample ID.: N-05947

Analytical Method: EPA 533		Prep Method:	EPA 533		<u>Prep Dat</u>	<u>e:</u> 08/29/2022 12:02	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
11CI-PF3OUdS	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
4:2 FTS	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
6:2 FTS	<3.8		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
8:2 FTS	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
9CI-PF3ONS	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
ADONA	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
HFPO-DA	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
NFDHA	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
PFBA	3.2		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
PFEESA	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
PFHpS	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
PFMBA	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
PFMPA	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
PFPeA	5.0		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
PFPeS	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluorobutanesulfonic acid	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluorodecanoic acid	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluorododecanoic acid	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluoroheptanoic acid	3.1		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluorohexanesulfonic acid	2.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluorohexanoic acid	3.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluorononanoic acid	5.6		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Perfluorooctanesulfonic acid	7.9		1	ng/L	10	09/03/2022 5:13 PM	001 BP351/2
Perfluorooctanoic acid	8.7		1	ng/L	10	09/03/2022 5:13 PM	001 BP351/2
Perfluoroundecanoic acid	<1.9		1	ng/L		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C2-PFDoA (S)	42%	S0	1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C24:2FTS (S)	70%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C26:2FTS (S)	79%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C28:2FTS (S)	89%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C3-PFBS (S)	98%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C3-PFHxS (S)	85%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C3HFPO-DA(S)	58%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C4-PFBA (S)	69%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C4-PFHpA (S)	52%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C5-PFHxA (S)	61%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C5-PFPeA (S)	70%		1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C6-PFDA (S)	35%	S0	1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C7-PFUdA (S)	37%	SO	1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C8-PFOA (S)	47%	SO	1	%REC		09/03/2022 5:13 PM	001 BP351/2
Surr: 13C8-PFOS (S)	91%		1	%REC		09/03/2022 5:13 PM	001 BP351/2

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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.

	Hollow Road, Melville, NY 117 694-3040 FAX: (631) 420-8	747 436	Results fo e lab is not direc	or the sa	atory Results imples and analytes requested insible for the integrity of the sample before a responsible only for the certified tests	_ Type: Origin:	<u>ample Information:</u> Drinking Water Raw Well Routine
Albertson Wa	www.pacela	<u>bs.com</u>			Lab No. : 70224097001		
184 Shepherd Lane				Clien	it Sample ID.: N-05947		
Roslyn Heigh	ts, NY 11577						
Attn To : Johr	n Rotolo						
Federal ID :	2902815						
Collected :	08/02/2022 09:15 AM	Point	N-05947				
Received :	08/02/2022 11:10 AM	Location	Well #4				
Collected By	CLIENT						
Surr: 13C9-PFN	A (S) 41	1%	S0	1	%REC	09/03/2022 5:13 PM	001 BP351/2

Qualifiers:

ND - Not Detected at or above adjusted reporting limit.

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

page 2 of 8

Jennifer Aracri

Test results meet the requirements of NELAC

This report shall not be reproduced except in full, without the written approval of the laboratory.

unless otherwise noted.

Sample Information:

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.

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

WorkOrder :

70224097

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

	Pace Analytical www.pacelabs.com 575 Broad Hollow Rd., Melville, NY 11747 (631) 694-3040 Fax: (631) 420-8436 Client Info: Name or Code: Albertson Water Dist Address: Address: 1844 Shepherol A Hors N y 11572 Phone #: 516 Bate/Time Bample Location			Collec Accep Coole Samp PW - GW - SW - WW -	BLIC Date: _ oted By:	WATE 8.2 Ken 1.3 S Vater Vater Vater Vater	Podlash		Origin Treatment D - Distribution AST - A RW - Raw Well GAC - G TW - Treated Well N - N T - Tank FE - Ir MW - Monitoring Well - Ir - Ir	
page 6 o	Date/Time Collected: $\mathcal{B}'\mathcal{Q}\cdot\mathcal{Q}\mathcal{P}$	Туре	10116	Origin	Treatment Type	Purpose	Field Re Cl ₂	pH/Temp	Analysis	Lab No.
of 8	Gisan giran giran	Ри Ри 	Wen N 05947 Wen y РАМ N 05947					Le. 5	PFOA/PFOS 533 FOA/PFOS 533 BIAMIL	001

Remarks:

COC PAGE	10
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Sample Container Count

WO#:70224097

Due	Date:	08/16	/22
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Chient AWD

Profile # 5128

X Use Point Number Spreadsheel

PM: JSA

CLIENT: AWD

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	2	ampie	CONUIC	WO#:70224097
Pace Analytical	Client I			Projec
		erstel		PM: JSA Due Date: 08/16/22 CLIENT: AWD
Courier: Fed Ex UPS USPS Client	LLomm	iercial L	⊇ace ⊡th	
Custody Seal on Cooler/Box Present:	es 🗖 No	Seals	intact: 🗇 Ye	es No N/A Temperature Blank Present: Yes No
Packing Material: Bubble Wrap D Bubble				
Thermometer Used: +11091- 11-11-18				
Cooler Temperature(°C): 1.3			ture Correct	
Temp should be above freezing to 6.0°C				and due
USDA Regulated Soil (🗍 N/A, water sample	2]		A.	Date and Initials of person examining contents: AM 8/2 1110
Did samples originate in a quarantine zone w	ithin the L	Inited Sta	tes: AL, AR, CA	A, FL, GA, ID, LA, MS, NC, Did samples orignate from a foreign source
NM, NY, OK, OR, SC, TN, TX, or VA (check map)?	Ye	s 🗆 No		including Hawaii and Puerto Rico)? UYes 🔍 No
If Yes to either question, fill out a Regulat	ed Soil Ch	necklist (F-LI-C-010) a	and include with SCUR/COC paperwork.
				COMMENTS:
Chain of Custody Present:	H es		*	1
Chain of Custody Filled Out:	Bres	□No		2
Chain of Custody Relinquished	erreş	DNo		3.
Sampler Name & Signature on CDC:	effes		DN/A	4.
Samples Arrived within Hold Time:	TYes			5. 6.
Short Hold Time Analysis (<72hr): Rush Turn Around Time Requested:	□Yes □Yes	-=No		0.
Sufficient Volume: (Triple volume provided for				8.
Correct Containers Used:	EYes			9.
-Pace Containers Used:	⊟¥es			
Containers Intact:	erres			10.
Filtered volume received for Dissolved tests	DYes		A/M	II. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	⊡¥es	⊡No		12.
-Includes date/time/ID, Matrix: SL W	OIL			
All containers needing preservation have bee	n ⊡Yes	□No	QN/A	13. \Box HNO ₃ \Box H ₂ SO ₄ \Box NaOH \Box HCI
checked?				·*
pH paper Lot # All containers needing preservation are found	t to he			Sample #
in compliance with method recommendation			24	
$(HNO_3, H_2SO_4, HCl, NaOH>9$ Sulfide,	□Yes	□No	₫N/A	
NAOH>12 Cyanide)				
Exceptions: VOA, Coliform, TOC/DOC, Oil and G	irease,		2	2
DR0/8015 (water).				Initial when completed: Lot # of added Date/Time preservative
Per Method, VOA pH is checked after analysis				preservative: added:
Samples checked for dechlorination:	□Yes	⊡No	din/a	14.
KI starch test strips Lot #	ويقي			
Residual chlorine strips Lot #				Positive for Res. Chlorine? Y N
SM 4500 CN samples checked for sulfide?	⊡Yes	⊡No	фN/A	15. Positive for Sulfide? Y N
Lead Acetate Strips Lot # Headspace in VOA Viats (>6mm):			DN/A	Positive for Sulfide? Y N 16.
Trip Blank Present:	□Yes	⊡No □No	ΦN/A	
Trip Blank Custody Seals Present	DYes			и
Pace Trip Blank Lot # (if applicable):		0.10	4	
I ooo inp oloni Lotin (i opphodolo).				Field Data Required? Y / N
Client Notification/ Resolution:				
		e.		
Client Notification/ Resolution:		-¥		Date/Time:
Client Notification/ Resolution: Person Contacted:		Ĩ.	N	

PM (Project Manager) review is documented electronically in LIMS

1



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

Client Sample ID.: N-05947

Lab No. : 70228035001

Sample Information:

Type: Drinking Water Origin: Treated Well Routine

> **Treatment** Air Stripper

www.pacelabs.com Albertson Water District

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

184 Shepherd Lane Roslyn Heights, NY 11577

Attn To : John Rotolo Federal ID : 2902815

Collected : 09/01/2022 10:30 AM Received : 09/01/2022 11:30 AM Collected By CLIENT

Point

AS-05947

Location WELL 4 AIRSTRIPPER

Analytical Method:EPA 533		Prep Method:	EPA 533		Prep Date	: 09/22/2022 5:05 PM	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
11CI-PF3OUdS	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
4:2 FTS	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
6:2 FTS	<3.8		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
8:2 FTS	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
9CI-PF3ONS	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
ADONA	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
HFPO-DA	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
NFDHA	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
PFBA	3.0		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
PFEESA	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
PFHpS	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
PFMBA	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
PFMPA	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
PFPeA	4.3		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
PFPeS	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluorobutanesulfonic acid	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluorodecanoic acid	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluorododecanoic acid	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluoroheptanoic acid	3.0		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluorohexanesulfonic acid	2.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluorohexanoic acid	3.6		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluorononanoic acid	4.5		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Perfluorooctanesulfonic acid	7.3		1	ng/L	10	09/25/2022 9:35 PM	001 BP351/2
Perfluorooctanoic acid	7.8		1	ng/L	10	09/25/2022 9:35 PM	001 BP351/2
Perfluoroundecanoic acid	<1.9		1	ng/L		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C2-PFDoA (S)	77%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C24:2FTS (S)	79%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C26:2FTS (S)	78%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C28:2FTS (S)	84%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C3-PFBS (S)	118%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C3-PFHxS (S)	109%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C3HFPO-DA(S)	102%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C4-PFHpA (S)	96%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C5-PFHxA (S)	104%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C5-PFPeA (S)	111%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C6-PFDA (S)	84%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C7-PFUdA (S)	82%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C8-PFOA (S)	91%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C8-PFOS (S)	103%		1	%REC		09/25/2022 9:35 PM	001 BP351/2
Surr: 13C9-PFNA (S)	90%		1	%REC		09/25/2022 9:35 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.

Jennifer Aracri Test results meet the requirements of NELAC unless otherwise noted.

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

WorkOrder :

70228035

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

Client Info: Name or Code:	D228035	Collec	BLIC	9-1 Ben	Puest For R SUPPLI 1. 2 2 fod 1A5K 1-1-15 8 0 (u)	ER							
Phone #: Attn: Proj. # or (Name): Bill To: Copies To: Sample Info:	516 (Butch	HTD NY 11577 621.3616	PW - GW - SW - WW -	Potable W Groundwa Surface W Waste Wa Aqueous Soil	Vater ater Vater	Purpose RO - Routine RE - Resamp S - Special	ble	D- DistributionAST - AirRW - Raw WellGAC - GraTW - Treated WellN - Nit	anular Activated Charcoal rate Removal Plant n Removal Plant				
Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readi Cl ₂ pl	ngs H/Temp	Analysis	Lab No.				
Date/Time Collected: 7-1-22 7-1-22	PW	Weil 4 RAW N 05947 Wall 4 RAW N 05947	R.W				6.2	PFOA/PFOS 533 PFOA/PFOS 533 Blank					
Remarks:													

	Sa	mple	Conditio	on Upon Re	WO# : 70	228035
Pace Analytical®	Client Na	ame:		Pro	PM: JSA	Due Date: 09/16/22
Courier: Fed Ex UPS USPS Client					CLIENT: AWD	
Custody Seal on Cooler/Box Present: 🗆 Ye						ank Present: 🗌 Yes 🔂 No
Packing Material: Bubble Wrap Bubble				ner		Ret Blue None
Thermometer Used: TH091			+ 0.1	A C		cooling process has begun
Cooler Temperature(°C): 0-2	_Cooler T	emperat	ure Correcte	ed(°C): 0-0	Date/Time 5035	A 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 o	contents: SAR911
Did samples originate in a quarantine zone wi	thin the Ur	nited Stat	es: AL, AR, CA,	, FL, GA, ID, LA, MS, M	NC, Did samples orig	nate from a foreign source
NM, NY, OK, OR, SC, TN, TX, or VA [check map]?	🗆 Yes	No			including Hawaii	and Puerto Rico)? 🛛 Yes 🔀 No
If Yes to either question, fill out a Regulate	ed Soil Che	ecklist (F	-LI-C-010) ar	nd include with SC	CUR/COC paperwork.	•
					COMMEN	TS:
Chain of Custody Present:	Pres	⊡No		1		
Chain of Custody Filled Out:	ElYes	⊡No	P	2.		
Chain of Custody Relinquished:	EYes	□No		3.		ذ
Sampler Name & Signature on COC:	DYes	⊡No	⊡N/A	4.		
Samples Arrived within Hold Time:	ElYes	⊡No		5. ,		
Short Hold Time Analysis (<72hr):	⊡Yes	DNO		6.		
Rush Turn Around Time Requested:	⊡Yes	DNO .		7.		
Sufficient Volume: (Triple volume provided for	Yes	⊡No		8.		
Correct Containers Used:	Pres	⊡No		9.		
-Pace Containers Used:	DYes	⊡No				
Containers Intact:	Ves	⊡No		10.		
Filtered volume received for Dissolved tests	⊡Yes	□No_	EN/A		f sediment is visible in th	ne dissolved container.
Sample Labels match COC:	⊡Yes	No		12.	o 17	
-Includes date/time/ID, Matrix: SL 💓 0					f collection	
All containers needing preservation have beer	n⊡Yes	⊡No	EN/A	13. Rott HNG	$D_3 \square H_2 SO_4 \square$	NaOH 🗆 HCI
checked?				Dunie		
pH paper Lot #	te be			Comple #		
All containers needing preservation are found				Sample #		1
in compliance with method recommendation?			TTN /			
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	⊡Yes	⊡No	DN/A			
Exceptions: VOA, Coliform, TOC/DOC, Oil and Gr						ev
DRO/8015 (water).	ease,			Initial when comp	leted: Lot # of added	Data /Timo propagiativa
Per Method, VOA pH is checked after analysis				Initial when comp	preservative:	Date/Time preservative added:
Samples checked for dechlorination:	⊡Yes	⊡No	ON/A	14.	In eservative.	
KI starch test strips Lot #				1 .		
Residual chlorine strips Lot #				Dositivo	for Res. Chlorine? Y _N	
SM 4500 CN samples checked for sulfide?	□Yes	⊡No	EN/A	15.	TOT RES. GITOTITE! T	
Lead Acetate Strips Lot #				12	for Sulfide? Y N	
Headspace in VOA Vials (>6mm):	⊡Yes	⊡No	¶DN/A	16.		
Trip Blank Present:				17.		
Trip Blank Custody Seals Present	⊡Yes		ΦN/A	14.		
Pace Trip Blank Lot # (if applicable):			4100			
Client Notification/ Resolution:		-		Field Data Require	ed? Y /	N
Person Contacted:				Date/		
Comments/ Resolution:						