

April 5, 2023

Ms. Kristine Wheeler, P.E., Director Bureau of Water Supply Protection New York State Department of Health Corning Tower Empire State Plaza, Rm 1110 Albany, New York 12237

Mr. Jason Hime, P.E. Suffolk County Department of Health Services 360 Yaphank Avenue, Ste. 1C Yaphank, New York 11980-9653

Re Greenlawn Water District 1,4-Dioxane MCL Deferral Quarterly Report – 1st Quarter 2023 Public Water System ID# NY5103271

Dear Ms. Wheeler and Mr. Hime:

On behalf of the Greenlawn Water District, our office has prepared the enclosed 1,4-Dioxane MCL Deferral Quarterly Report for the first quarter of 2023 (January 1 through March 31, 2023).

Emailed To: bpwsp@health.ny.gov

Emailed To: Jason.Hime@suffolkcountyny.gov

As their record demonstrates, the District has been proactive in addressing the issues of emerging contaminants in their supply wells. However, with the MCL for 1,4-Dioxane established in August 2020, the District did not have sufficient time to implement wellhead treatment at their most threatened wells. The District received an initial deferral for the MCL in effect through August 25, 2022. A request for a one-year renewal was granted, with the deferral now in effect through August 25, 2023.

As requested by the deferral approval, the District provided the residents with a public notice and posted said notice to their website. In addition, this Quarterly Report has been prepared to present the progress the District is making to install treatment systems to remove 1,4-Dioxane. More specifically, this update provides:

- A. A summary of 1,4-Dioxane sampling results for this quarter.
- B. Progress report on 1,4-Dioxane treatment projects and any potential issues that could delay progress in meeting milestone dates presented in the Corrective Action Plan in the original deferral request.

As shown on the enclosed 1,4-Dioxane Water Quality Summary table, during the first quarter of 2023, all water delivered by the District was below the MCL for 1,4-Dioxane. Well No. 3 suffered a mechanical failure in the previous quarter and remains out of service at this time. Well Nos. 6 and 12 were not used during the quarter due to construction projects but are expected to be returned to service in the second quarter.

Construction of the new AOP treatment system for Well No. 12 (Project No. 1) is complete, with the Approval of Completed Works issued by the health department. Construction contracts for AOP treatment at Well No. 11 (Project No. 3) were bid in February, with work expected to begin in April. The health department has issued comments to the design documents which have been responded to by the

April 5, 2023 Page 2 of 2



engineer. Approval is expected shortly. Design work for AOP treatment at Well No. 8 (Project No. 2) is underway with construction contracts expected to be released for bid in the third quarter. Based on experiences with other similar projects, there is the potential for material supply chain issues to impact the construction schedule of both these projects.

This Quarterly Report has been posted on the Greenlawn Water District website.

Please contact our office should you have any comments concerning this update.

Very truly yours,

H2M architects + engineers

Michael W. Weber, P.E.

Department Manager – Water Resources

Michael W. Weber

MWW

Enc.

cc: Board of Commissioners

Supt. Robert Santoriello - eCopy Mr. Joshua Mednick, P.E. - eCopy Dennis M. Kelleher, P.E. - eCopy

x:\glwd (greenlawn water district) - 10465\glwd2350 - retainer\1,4-d mcl deferral quarterly report\q1 - april 2023\2023-04-05 - nysdoh - glwd quarterly deferral report (q1 2023).docx

Greenlawn Water District PWS ID No. NY5103271 1,4-Dioxane Water Quality Summary



Status as of: January 1 through March 31, 2023

Prepared by: H2M architects+engineers

NS

Not Sampled

Location	Date Sampled	1,4-Dioxane (μg/L) ⁽¹⁾	1,4-Dioxane Treatment in Place (Y/N)	Notes and Comments			
Well No. 3			N	Not in use during this quarter ⁽²⁾			
Well No. 4	1/24/2023	0.15	N				
Well No. 5	1/24/2023	0.50	N				
Well No. 6	1/24/2023	0.28	N				
Well No. 8	1/25/2023	0.67	N				
Well No. 9	1/24/2023	0.11	N				
Well No. 10	1/24/2023	0.30	N				
Well No. 11	1/25/2023	0.69	N				
Well No. 12			N	Not in use during this quarter ⁽³⁾			
Well No. 13	1/25/2023	0.21	N				
Well No. 14	1/25/2023	0.22	N				
Well No. 15	1/25/2023	0.32	N				
Well No. 17	1/25/2023	0.076	N				
Well No. 18	1/25/2023	0.20	N				
Notes: (1) Sample results are of finished water levels. (2) Well No. 3 out of service due to mechanical failure. (3) Well No. 12 out of service due to construction of AOP treatment.							
MCL	Maximum Co	ntaminant Level	Bold results exceed MCL				

Water Quality Laboratory Results Attached

Greenlawn Water District PWS ID No. NY5103271 Project Progress Summary



Status as of: January 1 through March 31, 2023

Prepared by: H2M architects+engineers

Milestone Description	Original Schedule	Revised Schedule	Completed (Y/N)	Delayed (Y/N)	Notes and Comments
Project No. 1 - Plant No. 12 AOP		Schedule	(1/14)	(1714)	
Pilot Test	-	-	Υ		Completed prior to deferral request application.
Engineering Report	12/2020	-	Υ	Υ	Completed in April 2021.
Design Complete	2/2021	-	Υ	Υ	Completed in May 2021.
Start Construction	3/2021	8/2021	Υ	Υ	Construction started in August 2021.
Complete Construction	3/2022	2/2023	Υ	Υ	Approval of Completed Works issued by NYSDOH on Feb. 2, 2023.
Project No. 2 - Plant No. 8 AOP					
Pilot Test	1/2021	6/2022	Υ	Υ	Pilot test exemption report complete.
Engineering Report	3/2021	8/2022	Υ	Υ	Report endorsed by health department in August 2022.
Design Complete	7/2021	6/2023	N	Υ	
Start Construction	9/2021	9/2023	N	Υ	
Complete Construction	10/2022	10/2024	N	Υ	Expected startup and performance testing in autumn 2024.
Project No. 3 - Plant No. 11 AOP					
Pilot Test	2/2021	4/2022	Υ	Υ	Pilot test exemption report complete.
Engineering Report	4/2021	5/2022	Υ	Υ	Report endorsed by health department in August 2022.
Design Complete	8/2021	11/2022	Υ	Υ	Plans submitted to health department in November 2022.
Start Construction	10/2021	4/2022	N	Υ	Bids for construction contracts received February 2023.
Complete Construction	11/2022	3/2024	N	Υ	Expected startup and performance testing in spring 2024.

Potential Issues/Concerns/Delays Explanation:

Project No. 1 is complete and approved to operate. The AOP treatment system is expected to be placed into service during the second quarter. Health Department approval of the design documents for Project No. 3 is expected shortly, with construction to begin in April. Design of Project No. 2 is in progress, with construction expected to begin in the third quarter.



Pace*
575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526

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

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740 Attn To: Bob Santorial Lab No. : 70244187001 Client Sample ID.: S-14521

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/24/2023 10:00 AM Point S-14521 Received: 01/24/2023 03:25 PM Location Well #4

www.pacelabs.com

Collected By CLIENT

Analytical Mathedra DA 500		Duan Mathada	EDA 500		Dan Data	. 04/00/0000 0 00 444	
Analytical Method:EPA 522	Ţ	Prep Method:	EPA 522		Prep Date	£ 01/26/2023 9:28 AM	
Parameter(s)	Results	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.15		1	ug/L	1	01/26/2023 4:17 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	81%		1	%REC		01/26/2023 4:17 PM	001 AG2R1/2

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

Test results meet the requirements of NELAC unless otherwise noted.



Pace°
575 Broad Hollow Road, Melville, NY 11747

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.: S-14579

Lab No.: 70244187002

Sample Information:
Type: Drinking Water
Origin: Raw Well
Routine

TEL: (516) 370-6000 FAX: (516) 886-5526

www.pacelabs.com

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello
Federal ID: 5103271

Collected: 01/24/2023 09:20 AM Point S-14579 Received: 01/24/2023 03:25 PM Location Well #5

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	: 01/26/2023 9:28 AM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.50		1	ug/L	1	01/26/2023 4:48 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	81%		1	%REC		01/26/2023 4:48 PM	002 AG2R1/2

page 2 of 9

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.

Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted. Date Reported: 01/30/2023

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.



Client Sample ID.: S-18058

Lab No.: 70244187003

Type: Drinking Water Origin: Raw Well Routine

Sample Information:

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526 www.pacelabs.com

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/24/2023 10:45 AM Point S-18058 Received: 01/24/2023 03:25 PM Location Well #6

Collected By CLIENT **Sample Comments: RUN TO WASTE**

Analytical Method: EPA 522	Analytical Method: EPA 522 Prep Method: EPA 522				Prep Date	2: 01/26/2023 9:28 AM	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.28		1	ug/L	1	01/26/2023 5:20 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	79%		1	%REC		01/26/2023 5:20 PM	003 AG2R1/2

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

Test results meet the requirements of NELAC unless otherwise noted.



575 Broad Hollow Road, Melville, NY 11747

TEL: (516) 370-6000 FAX: (516) 886-5526

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

Greenlawn Water District

45 Railroad Street

Collected:

Received:

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Lab No.: 70244187004 Client Sample ID.: S-23145

01/24/2023 09:00 AM Point S-23145 01/24/2023 03:25 PM Location Well #9

www.pacelabs.com

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	£ 01/26/2023 9:28 AM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.11		1	ug/L	1	01/26/2023 5:36 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	82%		1	%REC		01/26/2023 5:36 PM	004 AG2R1/2

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

Test results meet the requirements of NELAC unless otherwise noted.

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

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

Date Reported: 01/30/2023 page 4 of 9



Sample Information: Type: Drinking Water Origin: Raw Well Routine

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526

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Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740 Attn To: Bob Santoriello

Lab No.: 70244187005 Client Sample ID.: S-23997

Federal ID: 5103271

Collected: 01/24/2023 11:20 AM Point S-23997 Received: 01/24/2023 03:25 PM Location Well #10

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date:	. 01/26/2023 9:28 AM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.30		1	ug/L	1	01/26/2023 5:52 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	84%		1	%REC		01/26/2023 5:52 PM	005 AG2R1/2

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

Test results meet the requirements of NELAC unless otherwise noted.



WorkOrder:

70244187

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

Date Reported: 01/30/2023 page 6 of 9



Sample Request Form **PUBLIC WATER SUPPLIER**

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Collected By: _	Accepted By:	Cooler Temp:

Name or Code: GREENLAWN WATER DISTRICT

Client Info:

45 Railroad St.

Greenlawn, New York 11

Address:

261-08

Phone #:

Attn: _

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Origin	Treatment Types
D - Distribution	AST - Air Stripper
RW - Raw Well	GAC - Granular Activated Charcoal
TW - Treated Well	N - Nitrate Removal Plant
T - Tank	FE - Iron Removal Plant
MW - Monitoring Well	O - Other

Monitoring Well	Influent	Ffflient
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SW - Surface Water PW - Potable Water GW - Groundwater WW - Waste Water Sample Types AQ - Aqueous S - Soil

SANTORIELL

Proj. # or (Name):

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RO - Routine RE - Resample S - Special

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Sample Container Count

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CLIENT: GLN

Due Date: 02/06/23

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СN SPLC Medu мекп WGFU wesn TSGS 8148 ВР1И SP1Z явав 8638 **TE98**

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

SP5T | 120mL Coliform Na Thio

125mL unpreserved 500mL unpreserved 250mL unpreserved

Terracore Kit

WG2U Zoz Unpreserved Jar WGFU 8oz Unpreserved Jar WGNU 8oz Unpreserved Jar ZPLC Ziplock Bag TEDL Tedlar Bag BGTH 11 HCL Clear Glass GN General

BP1U 1L unpreserved plastic NBPAN 125mL HNO3 plastic NBP3N 250mL HNO3 plastic NBP3N 500mL HNO3 plastic BP3N 500mL H2SO4 plastic BP3S 500mL H2SO4 plastic BP3S 500mL H2SO4 plastic BP3C NaOH 250mL bottle BP3C SomL Armonium BP3T 250mL Ammonium BP3T 250mL Ammonium BP3R 250mL Ammonium BP3R 250mL H2SO4-BP1N 1L HNO3 plastic BP1N 1L HNO3 plastic BP1N 1L HNO3 plastic

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

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	Soc	
COST	40mL Na Thio amber	2
G9A	40mL Ascorbic acid	7
)G9Y	Citrate/Na Thiosulfate	2
GGT	Na Thiosulfate 60mL vial	٠-
AG3U	250mL unpres amber	
AG3T	Na Thiosulfate 250mL	
BP1B	Na Thiosulfate Amber	
AG1T	Na Thiosultate 1L	64
AG1A	(NH4CL)	2

Additional Comments

WG90 8oz clear soil jar WG40 4oz clear soil jar

 VG9U
 40mL unpres clear vial
 AG4U
 125mL unpres amber
 BP4

 VG9C
 40mL Ascorbic-HCI
 AG3U
 250mL unpres amber
 BP2

 VG9H
 40mL Ascorbic-HCI
 AG2U
 500mL unpres amber
 BP2

 VG9H
 40mL Sulfuirc clear vial
 AG2U
 500mL unpres amber
 BP7

 DG9T
 40mL A Thiosulfate vial AG34
 Ammonlum CI 250mL
 BP2

 DG9P
 40mL amber vial - TSP
 AG4E
 125mL EDA amber
 BP3

 DG9F
 40mL amber vial - TSP
 AG4E
 125mL EDA amber
 BP3

 DG9P
 40mL amber vial - TSP
 AG4E
 125mL EDA amber
 BP3

 DG9P
 40mL amber vial - TSP
 AG4E
 125mL EDA amber
 BP3

 DG9P
 40mL amber vial - TSP
 AG3T
 250mL Na Thio amber
 BP3

 DG9P
 40mL ammonium Cl/CuSO4
 AG3T
 AG3T
 AG4E
 BP3

 DG9S
 Ammonium Cl/CuSO4
 AG4T
 In HCI amber glass
 BP3

 CG1U
 1L Unpres Jar (Con Ed)
 AG1H
 1L Ammonium Cl/cuSO4
 AG4T
 < VG9H 40mL HCI clear vial
VG9S 40mL Sulfuirc clear vial
DG9T 40mL Citrate-Na
DG9P 40mL amber vial -TSP An
DG9P 40mL amber vial -TSP An
DG9P AscorbioMaleic Acid
DG9A AscorbioMaleic Acid
DG9S Ammonium CI/CuSO4 An
CG1U 1L Unpres Jar (Con Ed) An page 8 of 9

Container Codes

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If Yes to either question, fill out a Regu	liated 2011	Checklist	(t-L1-L-U1U) and include wi			
Chain of Custody Present:	ØYes	COM-			C	OMMENTS:	**
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Sampler Name & Signature on COC:	.Cares		a Postania	3.)*
Samples Assistant Will Living	ØYes	□No	ON/A	4.	2) [/2]		
Samples Arrived within Hold Time:	la res			5.			
Short Hold Time Analysis (<72hr):	□Yes	(SHO		6.	·		
Rush Turn Around Time Requested:	□Yes	□W0		. 7.			
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Il containers needing preservation have be hecked? If paper Lot # Il containers needing preservation are four compliance with method recommendation	een-⊡Yes nd to be on?	-	- 16		HNO ₃ DH ₂ SO ₄	· □NāOH □ · □ ·	tci ii
Il containers needing preservation have be hecked? If paper Lot # Il containers needing preservation are fou compliance with method recommendatio INO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	een-⊡Yes	.e⊃No .c⊃No	DATA TON/A		HNO ₃ DH ₂ SO ₄	∙ □Ма҈ОН □ Н	ICI in
Il containers needing preservation have be hecked? If paper Lot # Il containers needing preservation are fou compliance with method recommendatio INO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide NOH>12 Cyanide)	nd to be on?	-	- 16		HNO ₃ DH ₂ SO ₄		ICI ÷
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are four compliance with method recommendation INO3, HzSO4, HCI, NaOH>9 Sulfide, AOH>12 Cyanide) Coeptions: VOA, Coliform, TOC/DOC, Dil and Coeptions: VOA, Coliform, TOC/DOC, Dil and	nd to be on?	-	- 16	Sample #			
I containers needing preservation have be necked? I paper Lot # I containers needing preservation are four compliance with method recommendation NO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NOH>12 Cyanide) ceptions: VOA, Coliform, TOC/DOC, Oil and NO/8015 (water).	nd to be on? □Yes Grease,	-	- 16		npleted: Lot # of add	fed; Date/Tiu	
Il containers needing preservation have be hecked? H paper Lot # I containers needing preservation are four compliance with method recommendation (NO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NOH>12 Cyanide) ceptions: VOA, Coliform, TOC/DOC, Oil and (NO/8015 [water].	nd to be on? OYes Grease,	□No	IZN/A	Sample #		fed: Date/Tin	
I containers needing preservation have be necked? I paper Lot # I containers needing preservation are four compliance with method recommendation NO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NOH>12 Cyanide) ceptions: VOA, Coliform, TOC/DOC, Oil and NO/8015 [water]. I Method, VOA pH is checked after analysimples checked for dechlorination!	nd to be on? □Yes Grease,	-	- 16	Sample #	npleted: Lot # of add	fed; Date/Tiu	
Il containers needing preservation have be hecked? H paper Lot # I containers needing preservation are four compliance with method recommendation (NO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NOH>12 Cyanide) Deptions: VOA Coliform, TOC/DOC, Dil and (NO/8015 (water)) T Method, VOA pH is checked after analysimples checked for dechlorination.	nd to be on? OYes Grease,	□No	IZN/A	Sample # Initial when con	npleted: Lot # of ado preservative	ded: Date/Tio added:	
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are four compliance with method recommendation (NO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, AOH-12 Cyanide) Iceptions: VOA, Coliform, TOC/DOC, Oil and (NO/8015 (water)). In Method, VOA pH is checked after analysis mples checked for dechlorination. Is starch test strips Lot # Is sidual chlorine strips Lot #	nd to be on? □Yes Grease, is □Yes	□No	DAVA (Sample # Initial when con	npleted: Lot # of add	ded: Date/Tio added:	
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are four compliance with method recommendation (NO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide, AOH>12 Cyanide) (ceptions: VOA, Coliform, TOC/DOC, Oil and RO/8015 (water). Ex Method, VOA pH is checked after analysis imples checked for dechlorination. Starch test strips Lot # sidual chlorine strips Lot #	nd to be on? OYes Grease,	□No	IZN/A	Sample # Initial when cor 14. Position 15.	npleted: Lot # of ado preservative re for Res. Chlonne? Y	ded: Date/Tio added: N	
Il containers needing preservation have be hecked? Il paper Lot # Il containers needing preservation are four compliance with method recommendation (NO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NOH-12 Cyanide) Icceptions: VOA, Coliform, TOC/DOC, Oil and (NO/8015 (water)). If Method, VOA pH is checked after analysis mples checked for dechlorination. It is starch test strips Lot # Isidual chlorine Strips Lot #	nd to be on? □Yes Grease, is	□No □No □No	CANTA (Sample # Initial when cor 14. Position 15.	npleted: Lot # of ado preservative re for Res. Chlonne? Y	ded: Date/Tio added:	
Il containers needing preservation have be hecked? Il paper Lot # Il containers needing preservation are found compliance with method recommendation INO ₃ , H ₂ SO ₄ , HCI, NaOH>9 Sulfide, AOH>12 Cyanide) (cceptions: VOA, Coliform, TOC/DOC, Oil and RO/8015 [water]. If Method, VOA pH is checked after analysis mples checked for dechlorination, starch test strips Lot # Il 4500 CN samples checked for sulfide? Ind Acetate Strips Lot # Il 4500 CN samples checked for sulfide?	nd to be on? □Yes Grease. is □Yes □Yes		DATA C	Sample # Initial when con 14. Positiv 15. Positiv 16.	npleted: Lot # of ado preservative re for Res. Chlonne? Y	ded: Date/Tio added: N	
Il containers needing preservation have be hecked? Il paper Lot # Il containers needing preservation are found compliance with method recommendation in the paper Lot # Sulfide, which was a sulfide with was a sulfide with was a sulfide; which was a sulfide, which was a sulfide, which was a sulfide with was a sulfide, which	nd to be on? □Yes Grease, is □Yes □Yes □Yes □Yes □Yes		CANTA CONTA	Sample # Initial when cor 14. Position 15.	npleted: Lot # of ado preservative re for Res. Chlonne? Y	ded: Date/Tio added: N	me preserva
Il containers needing preservation have be hecked? Il paper Lot # Il containers needing preservation are four compliance with method recommendation (NO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, NaOH-12 Cyanide) ceptions: VOA, Coliform, TOC/DOC, Dil and (NO/8015 [water]. If Method, VOA pH is checked after analysis mples checked for dechlorination. Starch test strips Lot # sidual chlorine strips Lot # 14500 CN samples checked for sulfide? 20 Acetate Strips Lot # 21 Aspace in VOA Vials [>6mm]: 21 Blank Present: 22 Blank Custody Seals Present	nd to be on? □Yes Grease. is □Yes □Yes		DATA C	Sample # Initial when con 14. Positiv 15. Positiv 16.	npleted: Lot # of ado preservative re for Res. Chlorine? Y re for Sulfide? Y	ded: Date/Tio added: N	me preserva
Il containers needing preservation have be hecked? Il paper Lot # Il containers needing preservation are four compliance with method recommendation INO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide, AOH-12 Cyanide) Icceptions: VOA, Coliform, TOC/DOC, Oil and RO/8015 [water]. In Method, VOA pH is checked after analysis mples checked for dechlorination! Istarch test strips Lot # Istarch te	nd to be on? □Yes Grease, is □Yes □Yes □Yes □Yes □Yes		CANTA CONTA	Sample # Initial when cor 14. Position 15. Position 16.	npleted: Lot # of add preservative re for Res. Chlorine? Y re for Sulfide? Y	ded: Date/Tit added: N	me preser va
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are found compliance with method recommendation INO3. HzSO4. HCI, NaOH>9 Sulfide. AOH>12 Cyanide) ACCEPTIONS: VOA, Coliform, TOC/DOC, Oil and RO/8015 [water]. ATT Method, VOA pH is checked after analysis imples checked for dechlorination. It is starch test strips Lot # Il 4500 CN samples checked for sulfide? Ad Acetate Strips Lot # adspace in VOA Vials [>6mm]: Blank Present: Blank Custody Seals Present Ce Trip Blank Lot # [if applicable]: Cent Notification/ Resolution:	nd to be on? □Yes Grease, is □Yes □Yes □Yes □Yes □Yes		CANTA CONTA	Sample # Initial when con 14. Positive 15. Positive 16. 17. Field Data Require	npleted: Lot # of add preservative re for Res. Chlorine? Y e for Sulfide? Y	ded: Date/Tit added: N	me preser va
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are found compliance with method recommendation and the land of the land	nd to be on? □Yes Grease, is □Yes □Yes □Yes □Yes □Yes		CANTA CONTA	Sample # Initial when cor 14. Position 15. Position 16.	npleted: Lot # of add preservative re for Res. Chlorine? Y e for Sulfide? Y	ded: Date/Tit added: N	me preserva
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are found compliance with method recommendation and the land of the land	nd to be on? □Yes Grease, is □Yes □Yes □Yes □Yes □Yes		CANTA CONTA	Sample # Initial when con 14. Positive 15. Positive 16. 17. Field Data Require	npleted: Lot # of add preservative re for Res. Chlorine? Y e for Sulfide? Y	ded: Date/Tit added: N	me preser va
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are found compliance with method recommendation of the last o	nd to be on? □Yes Grease, is □Yes □Yes □Yes □Yes □Yes		CANTA CONTA	Sample # Initial when con 14. Positive 15. Positive 16. 17. Field Data Require	npleted: Lot # of add preservative re for Res. Chlorine? Y e for Sulfide? Y	ded: Date/Tit added: N	me preserva
Il containers needing preservation have be hecked? H paper Lot # Il containers needing preservation are found compliance with method recommendation and the land of the land	nd to be on? □Yes Grease, is □Yes □Yes □Yes □Yes □Yes		CANTA CONTA	Sample # Initial when con 14. Positive 15. Positive 16. 17. Field Data Require	npleted: Lot # of add preservative re for Res. Chlorine? Y e for Sulfide? Y	ded: Date/Tit added: N	ne preserva

ENV-FRM - MELV-0024 01



Pace

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

Lab No.: 70244329001

Client Sample ID.: S-23998 (R)

Type: Drinking Water
Origin: Raw Well
Routine

Sample Information:

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello
Federal ID: 5103271

5103271 01/25/2023 09:30 AM Point S-23998 (R) 01/25/2023 01:25 PM Location Well #11

Collected By CLIENT

Collected:

Received:

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	2. 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.68		1	ug/L	1	01/27/2023 1:44 PM	001 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	82%		1	%REC		01/27/2023 1:44 PM	001 AG2R1/2

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

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: 02/03/2023 page 1 of 15



Pace°
575 Broad Hollow Road, Melville, NY 11747

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

Lab No.: 70244329002

Client Sample ID.: S-23998 (T)

Type: Drinking Water Origin: Treated Well

Routine

Sample Information:

Treatment GAC

TEL: (516) 370-6000 FAX: (516) 886-5526 <u>www.pacelabs.com</u>

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 09:30 AM Point S-23998 (T) Received: 01/25/2023 01:25 PM Location Well #11

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	FPΔ 522		Prep Date	01/26/2023 1:23 PM	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.69		1	ug/L	1	01/27/2023 1:59 PM	002 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	81%		1	%REC		01/27/2023 1:59 PM	002 AG2R1/2

page 2 of 15

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.

Date Reported: 02/03/2023

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.



575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526 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

Lab No.: 70244329003

Client Sample ID.: S-29852 (R)

Sample Information:

Type: Drinking Water
Origin: Raw Well
Routine

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 11:00 AM Point S-29852 (R) Received: 01/25/2023 01:25 PM Location Well #13

www.pacelabs.com

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	∴ 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.21		1	ug/L	1	01/27/2023 2:15 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	84%		1	%REC		01/27/2023 2:15 PM	003 AG2R1/2

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

Date Reported: 02/03/2023 page 3 of 15



Pace

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

Lab No.: 70244329004

Client Sample ID.: S-29852 (T)

Type: Drinking Water Origin: Treated Well

Routine

Treatment GAC

Sample Information:

01/25/2023 01:25 PM

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Santoriello 5103271 01/25/2023 11:00 AM Point S-29852 (T)

Location Well #13

Collected By CLIENT

Collected:

Received:

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	∴ 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.21		1	ug/L	1	01/27/2023 2:47 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	81%		1	%REC		01/27/2023 2:47 PM	004 AG2R1/2

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.

Date Reported: 02/03/2023 page 4 of 15



Pace*
575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526

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.: S-37100

Lab No.: 70244329005

Sample Information:

Type: Drinking Water
Origin: Raw Well
Routine

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 10:00 AM Point S-37100 Received: 01/25/2023 01:25 PM Location Well #14

www.pacelabs.com

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	∴ 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.22		1	ug/L	1	01/27/2023 3:03 PM	005 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	81%		1	%REC		01/27/2023 3:03 PM	005 AG2R1/2

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

Test results meet the requirements of NELAC unless otherwise noted.



Pace*
575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526

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.: S-80073

Lab No.: 70244329006

Sample Information:

Drinking Water

Type: Drinking Water
Origin: Raw Well
Routine

Greenlawn Water District

45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 09:00 AM Point S-80073 Received: 01/25/2023 01:25 PM Location Well #15

www.pacelabs.com

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	∴ 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.32		1	ug/L	1	01/27/2023 3:18 PM	006 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	82%		1	%REC		01/27/2023 3:18 PM	006 AG2R1/2

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.

Date Reported: 02/03/2023

page 6 of 15



575 Broad Hollow Road, Melville, NY 11747

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

TEL: (516) 370-6000 FAX: (516) 886-5526

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Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740

Lab No.: 70244329007 Client Sample ID.: S-123715

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 09:00 AM Point S-123715 Received: 01/25/2023 01:25 PM Location Well #17

Collected By CLIENT

Analytical Method: EPA 522	Ī	Prep Method:	EPA 522		Prep Date	: 01/26/2023 1:23 PM	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.076		1	ug/L	1	01/27/2023 3:34 PM	007 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	81%		1	%REC		01/27/2023 3:34 PM	007 AG2R1/2

page 7 of 15

Qualifiers:

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

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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: 02/03/2023

Test results meet the requirements of NELAC unless otherwise noted.



Pace*
575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526

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

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740 Lab No. : 70244329008 Client Sample ID.: Well #18

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 10:00 AM Point Well #18 Received: 01/25/2023 01:25 PM Location Well #18

www.pacelabs.com

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	. 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.20		1	ug/L	1	01/27/2023 3:50 PM	008 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	84%		1	%REC		01/27/2023 3:50 PM	008 AG2R1/2

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.

Date Reported: 02/03/2023 page 8 of 15



Sample Information: Type: Drinking Water Origin: Raw Well Routine

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526

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Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Lab No.: 70244329009 Client Sample ID.: S-29852 (R)

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 11:00 AM Point S-29852 (R) Received: 01/25/2023 01:25 PM Location Well #13

Collected By CLIENT

Analytical Method: EPA 524.3							
Parameter(s)	Results	Qualifier	D.F.	<u>Units</u>	<u>Limit</u>	<u>Analyzed:</u>	Container:
1,2-Dibromo-3-chloropropane	<0.010		1	ug/L	0.2	01/31/2023 11:15	009 VG9C1/2
1,2-Dibromoethane (EDB)	0.061*		1	ug/L	0.05	01/31/2023 11:15	009 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	99%		1	%REC		01/31/2023 11:15	009 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	98%		1	%REC		01/31/2023 11:15	009 VG9C1/2
Surr: tert Butyl Methyl-d3 Ether (S)	99%		1	%REC		01/31/2023 11:15	009 VG9C1/2

page 9 of 15

Qualifiers:

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Date Reported: 02/03/2023



Test results meet the requirements of NELAC unless otherwise noted.



Pace 575 Broad Hollow Road, Melville, NY 11747

TEL: (516) 370-6000 FAX: (516) 886-5526

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

Lab No.: 70244329010

Client Sample ID.: S-29852 (T)

Sample Information:

Type: Drinking Water
Origin: Treated Well
Routine

Treatment

GAC

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 11:00 AM Point S-29852 (T) Received: 01/25/2023 01:25 PM Location Well #13

www.pacelabs.com

Collected By CLIENT

Analytical Method:EPA 524.3							
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,2-Dibromo-3-chloropropane	<0.010		1	ug/L	0.2	01/31/2023 11:41	010 VG9C1/2
1,2-Dibromoethane (EDB)	< 0.010		1	ug/L	0.05	01/31/2023 11:41	010 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	99%		1	%REC		01/31/2023 11:41	010 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	98%		1	%REC		01/31/2023 11:41	010 VG9C1/2
Surr: tert Butyl Methyl-d3 Ether (S)	99%		1	%REC		01/31/2023 11:41	010 VG9C1/2

page 10 of 15

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: 02/03/2023

Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.



WorkOrder:

70244329

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

Date Reported: 02/03/2023 page 11 of 15



Sample Request Form PUBLIC WATER SUPPLIER

1/25/29	5-8 MA 14.8	Jud P-11 13:28	13.1 00 10)
Date:	Collected By:	Accepted By:	Cooler Temp:	

☐ YES ☐ NO VOC'S PRESERVED WITH HCI

☐ WELL RUN TO SYSTEM

WELL OFF LINE

Sample Types	Purpose	Origin	Treatment Types
PW - Potable Water	RO - Routine	D - Distribution	AST - Air Stripper
GW - Groundwater	RE - Resample	RW - Raw Well	GAC - Granular Activated Charcoal
SW - Surface Water	S - Special	TW - Treated Well	N - Nitrate Removal Plant
WW - Waste Water		T - Tank	FE - Iron Removal Plant
AQ - Aqueous		Mivv - Monitoring weil	O - Other
S - Soil		E - Effluent	

ANTORIELL

Proj. # or (Name):

SCHN

Copies To:

Bill To:

4680-

Phone #:

Attn:

Name or Code:

Address: _

Client Info:

Sample Info	3								
Dailipie IIII	7								
Date/Time Collected:	e Sample I: Type	eldie eldi	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
3 of 3		IN WELL	//	RN		B		1, 4-DIOXANE	
-	3:		11	T.W	GAC	"		11	
	3		(3	RW		11		11	
3)(3		13	TW	CAC	n n		11	
10)0:0.		14	RW		T.		11	
0 9 333	4.0		1.5	3		n-		ii.	
O'de.	3		17	11.		J		n n	
/0/	10:00		81	71		11		71	
	A	JUELL WELL	(3	RW		B		524.3	
>			5	13	GAC	7		14	
Remarks:	*	WELL #	WELL #12 OFF-LINE AT	1 A T	PRES	RESENT			

page 13 of 15

Sample Container Count

Profile #

Notes

WORK ORDER: I, 4 DICJXR

COC PAGE of

PM: KMM

Due Date: 02/03/23

WO#: 70244329

CLIENT: GLN

Use Point Number Spreadshe

TSGS BP1B BP1N BP1Z **BP3R BP35** TEGE ВЬЗС BP2N BP3N

> BbtN BP2S

BP3S UME USAE UERE

NÞ48 CGIN Area нго√ TIDA

AG2R TE9/ ¥ C4E S£9∀ VC34 Nest Nesu UEDA NP9∀ S690 DGGT

∀69d **G69**D DG9Y

T690

S69A H69A

269∧

N69/ Matrix COC LIne Item 1

25

Ø 10 7 12

00

ĸ 9 Container Codes

page 14 of 15

20

SOC

100 ЧW ВN

SPLC Medn

мекп WGFU Mesn Water Solid Non-aqueous Liquid

BP1U 1L unpreserved plastic BP3N* 250mL HN03 plastic BP3C 250mL Sodium AG2U 500mL unpres amber Can also be a BP4N SP5T | 120mL Coliform Na Thio WG2U 2oz Unpreserved Jar WGFU 4oz Unpreserved Jar WGKU 8oz Unpreserved Jar WGDU 16oz Unpreserved Jar ZPLC Ziplock Bag
TEDL Tedlar Bag
BGHH IL HCL Clear Glass
GN General
WP Wipe

Terracore Kit

| Class | AGAU | 125mL unpres amber | BP4U | 125mL unpreserved | SP'b1 | VG9U | 40mL unpres clear vial | AG4U | 125mL unpres amber | BP3U | 250mL unpreserved | R | VG9G | 40mL HCi clear vial | AG3U | 250mL unpres amber | BP3U | 250mL unpreserved | WGS | 40mL HCi clear vial | AG3U | 100mL unpres amber | BP2U | 500mL unpreserved | WGS | 40mL Suffuiro clear vial | AG3U | 40mL unpreserved | BP1U | 100mL unpreserved | WGF | DG9Y | 40mL Citrate vial | AG3G | 250mL H2SOA amber | BP3U | 250mL HNO3 plastic | WGF | DG9Y | 40mL citrate vial | AG3S | 250mL H2SOA amber | BP3N | 250mL HNO3 plastic | MGF | DG9Y | 40mL citrate vial | AG3S | 250mL H2SOA amber | BP3N | 250mL HNO3 plastic | ZPLC | DG9Y | 40mL citrate vial | AG3T | 250mL Na zerothic wial | AG2R | Na Sulfite 500mL (blue | BP3N | 250mL H2SOA plastic | ZPLC | DG9S | Ammonium Ci/CuSOA | AG1T | Na Thiosulfate 1L bottle | BP3C | 250mL H2SOA plastic | GN | CG1U | 1L Unpres Jar (Con Ed) | AG1H | 1L HCl amber glass | BP3T | 250mL hat SOA | AG1A | Ammonium Ci/CuSOA | AG1A | 1L Ammonium Chicide | BP3R | 250mL Ammonium | WG4O | 40z clear soil jar | BP1B | Na Thiosulfate Amber | BP1B | Amber | BP1B | Amber | Amber | Amber | BP1B | Amber | Amber | Amber | BP1B | Amber | Amber | Amber | Amber | BP1B | Amber | A

Additional Comments

		aurihi	e conu	FUULI	ohou Ki	ecen.)(
Pace Analytical®	Clier	nt Name:		0.	Pc	W(0#	702	2443	29
-					, ,	2	KMM			: 02/03/23
Courier: Fed Ex UPS USPS Client	t Cor	nmercial	□ace □	Other			ENT:	GLN	Due Duvi	. 02/00/20
Tracking #:			3			72.		J		
Custody Seal on Cooler/Box Present:	es 📮	No - Seal	s intact: 🗌	Yes .	No DN/A		remp	יבי פרחוה פ	IAUK Present:	∐Yes No
Lacking Marenar: Ropple Meab Brippl	e Bags	□Ziploc	Hone [)Other	*		Туре	of Ice: W	et Blue No	one
Thermometer Used: THI48			tor: 🕂 🔾						cooling proces	
Cooler Temperature (C): 13-1	Coole	er Temper	ature Corre	ected(°	c): 13.2	-	Date	Time 5035	A kits placed	in freezer
Temp should be above freezing to 6.0°C			<i>*</i> :		#1				, and piecos	
USDA Regulated Soil (IN/A water sample				∵≃Da	te and Initial	ls of pe	erson ex	amining c	ontents-	H 1/25
Did samples originate in a quarantine zone w	ithin the	e United Sta	stes: AL AR	CA FL	GA ID LA MS	NC			nate from a fo	311 1/03
IN IX, or VA [check map]?	· []	Yes □No					includ	و تحددها		reigii source :o}?:□Yes⊠N
If Yes to either question, fill out a Regulati	ed Soil	Checklist	F-LI-C-010	and in	clude with S	SCHR/C	מוכנט מחבת אח	מוא וומאמוו פ	and Puerto Ric	oli∵n tes™y N
				T	111000	001(7 ()	oo þaþt	COMMENT:	C.	
Chain of Custody Present:	Dives		3	L		r di		COMMENT	<u>ي.</u>	
Chain of Custody Filled Out:	DYes			2		-		7;		
Chain of Custody Relinquished:	DYes	□No		3.					,	
Sampler Name & Signature on COC:	Dyes	□No	□N/A	4.				-		·
Samples Arrived within Hold Time:	Dives	□No		5.		2 2	14			
Short Hold Time Analysis (<72hr):	□Yes	ENO		6.	¥ 3	-				
Rush Turn Around Time Requested:	□Yes	ENO.		7.	× .					
Sufficient Volume: (Triple volume provided for	Leyes	□No		8.						
Correct Containers Used:	ElYes	□No		9.						
-Pace Containers Used:	DYes	□No					•			
Containers Intact:	DYes	□No	ē:	10.						
Filtered volume received for Dissolved tests	□Yes	□No	-DN/A	11.	Note if	f sedime	ent is vis	sible in the i	dīssolved cont	ainor .
Sample Labels match COC:	DYes .	□No	<u> </u>	12					01330(VE) COTT	auei.
-Includes date/time/ID, Matrix: SL VIIIO	IL.									
All containers needing preservation have been checked?	-DYes	□No -	DHIA	13.	□ HNO	3 [□ H ₂ SO ₄	- DNa(OH OHO)
bH babec Fot #				-		/41				1
All containers needing preservation are found t	to ho				-1 "					
in compliance with method recommendation?	to ne			Sam	ple#					
INNU II CO HOLH OH	□Yes	□No	□N/A							1
NAOH>12 Cyanide)		200	LISTA							1
Exceptions: VOA, Coliform, TOC/DOC, Oil and Gre	ase								(67	
UKU/8015 [water]_ , :\\':	*		¥	Initial	when comple	atod. It.	ot#ofa			
Per Method, VOA pH is checked after analysis	384a		W		**************************************		reservat			e preservative
Samples checked for dechlorination:	JYès		DNTAG	14.	-		i esci va i	ive.	added:	
KI starch test strips Lot #			Contract of the Contract of th		1.5		(0			
Residual chlorine strips Lot #	N.				Positive fo	or Res (Chlorine?	V N		4
SM 4500 CN samples checked for sulfide?	⊃Yës	ЦNО	DN/A	15.		1100, 0	Jinoritio:	1 11		
ead Acetate Strips Lot #	E	1	1		Positive fo	r Sulfide	e?	Y N .		
Headspace in VOA Vials (>6mm):	⊃Yes	(INO	□N/A	16.						
rip Blank Present:]Yes	W No	ON/A	17.		3		à à		8
rip Blank Custody Seals Present	JYes	□No	DAYA					-	-	
ace Trip Blank Lot # (if applicable):										
lient Notification/ Resolution:				Field D.	ata Required?			Y / N		
erson Contacted: omments/ Resolution:					Date/Tim	16:		•		
our neursy kezonation:										
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РМ (Project Manager) review is documented clec	tronical	2MII ni vl								2
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Pace*
575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526

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

Lab No.: 70244332001

Client Sample ID.: S-21134 (R)

Sample Information:

Type: Drinking Water
Origin: Raw Well
Routine

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Attn To: Bob Santoriello Federal ID: 5103271

01/25/2023 12:00 PM Point S-21134 (R) 01/25/2023 01:25 PM Location Well #8

www.pacelabs.com

Collected By CLIENT

Collected:

Received:

Analytical Method:SM	122 9223B Colilert	Prep Method:	SM22 922	23B Colilert	Prep Date	e: 01/25/2023 5:58 PM	
Parameter(s)	<u>Results</u>	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
E.coli	Absent		1		Absent	01/26/2023 11:58	001 SP5T1/1
Total Coliforms	Absent		1		Absent	01/26/2023 11:58	001 SP5T1/1

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

Test results meet the requirements of NELAC unless otherwise noted.

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

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

Date Reported: 02/08/2023

page 1 of 20





Lab No.: 70244332002

Client Sample ID.: S-21134 (T)

Sample Information:
Type: Drinking Water
Origin: Treated Well

Routine

Treatment GAC

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526 www.pacelabs.com

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (T) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Analytical Method:SM	22 9223B Colilert	Prep Method:	SM22 922	23B Colilert	Prep Date	<u>2:</u> 01/25/2023 5:58 PM	
Parameter(s)	<u>Results</u>	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
E.coli	Absent		1		Absent	01/26/2023 11:58	002 SP5T1/1
Total Coliforms	Absent		1		Absent	01/26/2023 11:58	002 SP5T1/1

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

Test results meet the requirements of NELAC unless otherwise noted.



Type: Drinking Water Origin: Raw Well Routine

Sample Information:

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526

www.pacelabs.com

Greenlawn Water District

45 Railroad Street Greenlawn, NY 11740

Lab No.: 70244332003 Client Sample ID.: S-21134 (R)

Attn To: Bob Santoriello Federal ID: 5103271

> 01/25/2023 12:00 PM Point S-21134 (R) 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Collected:

Received:

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	∴ 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.79		1	ug/L	1	01/27/2023 6:12 PM	003 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	87%		1	%REC		01/27/2023 6:12 PM	003 AG2R1/2

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).

Test results meet the requirements of NELAC unless otherwise noted.

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Result(s) flagged with * Exceed NYS Regulatory Limit(s). Limit Noted. Date Reported: 02/08/2023

page 3 of 20



Lab No.: 70244332004

Client Sample ID.: S-21134 (T)

Type: Drinking Water Origin: Treated Well

Routine

Sample Information:

Treatment GAC

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526 www.pacelabs.com

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (T) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	∴ 01/26/2023 1:23 PM	
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,4-Dioxane (p-Dioxane)	0.67		1	ug/L	1	01/27/2023 6:28 PM	004 AG2R1/2
Surr: 1,4-Dioxane-d8 (S)	82%		1	%REC		01/27/2023 6:28 PM	004 AG2R1/2

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

Test results meet the requirements of NELAC unless otherwise noted.

Laboratory Results

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526

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

Greenlawn Water District

Lab No.: 70244332005 45 Railroad Street Client Sample ID.: S-21134 (R)

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (R) Received: 01/25/2023 01:25 PM Location Well #8

www.pacelabs.com

Collected By CLIENT

Analytical Method: EPA 533	Prep Method: EPA 533				Prep Date		
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
11CI-PF3OUdS	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
4:2 FTS	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
6:2 FTS	<3.5		1	ng/L		02/03/2023 11:53	005 BP351/3
8:2 FTS	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
9CI-PF3ONS	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
ADONA	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
HFPO-DA	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
NFDHA	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
PFBA	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
PFEESA	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
PFHpS	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
PFMBA	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
PFMPA	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
PFPeA	2.6		1	ng/L		02/03/2023 11:53	005 BP351/3
PFPeS	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluorobutanesulfonic acid	1.9		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluorodecanoic acid	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluorododecanoic acid	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluoroheptanoic acid	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluorohexanesulfonic acid	2.9		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluorohexanoic acid	2.0		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluorononanoic acid	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
Perfluorooctanesulfonic acid	2.0		1	ng/L	10	02/03/2023 11:53	005 BP351/3
Perfluorooctanoic acid	<1.7		1	ng/L	10	02/03/2023 11:53	005 BP351/3
Perfluoroundecanoic acid	<1.7		1	ng/L		02/03/2023 11:53	005 BP351/3
Surr: 13C2-PFDoA (S)	67%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C24:2FTS (S)	95%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C26:2FTS (S)	100%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C28:2FTS (S)	98%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C3-PFBS (S)	84%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C3-PFHxS (S)	83%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C3HFPO-DA(S)	64%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C4-PFBA (S)	72%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C4-PFHpA (S)	69%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C5-PFHxA (S)	66%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C5-PFPeA (S)	67%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C6-PFDA (S)	71%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C7-PFUdA (S)	70%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C8-PFOA (S)	69%		1	%REC		02/03/2023 11:53	005 BP351/3
Surr: 13C8-PFOS (S)	84%		1	%REC		02/03/2023 11:53	005 BP351/3

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

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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: 02/08/2023

page 5 of 20



Pace°
575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526

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

Lab No.: 70244332005

Client Sample ID.: S-21134 (R)

Sample Information:
Type: Drinking Water

Origin: Raw Well
Routine

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Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (R) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Surr: 13C9-PFNA (S) 71% 1 %REC 02/03/2023 11:53 005 BP351/3

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: 02/08/2023



Test results meet the requirements of NELAC unless otherwise noted.





Lab No.: 70244332006

Client Sample ID.: S-21134 (T)

Sample Information:
Type: Drinking Water
Origin: Treated Well

Routine

Treatment GAC

TEL: (516) 370-6000 FAX: (516) 886-5526 www.pacelabs.com

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (T) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Analytical Method: EPA 533	Prep Method: EPA 533				Prep Date		
Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container
11CI-PF3OUdS	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
4:2 FTS	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
6:2 FTS	<3.5		1	ng/L		02/03/2023 12:10	006 BP351/3
8:2 FTS	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
9CI-PF3ONS	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
ADONA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
HFPO-DA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
NFDHA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
PFBA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
PFEESA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
PFHpS	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
PFMBA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
PFMPA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
PFPeA	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
PFPeS	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluorobutanesulfonic acid	2.0		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluorodecanoic acid	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluorododecanoic acid	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluoroheptanoic acid	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluorohexanesulfonic acid	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluorohexanoic acid	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluorononanoic acid	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Perfluorooctanesulfonic acid	<1.7		1	ng/L	10	02/03/2023 12:10	006 BP351/3
Perfluorooctanoic acid	<1.7		1	ng/L	10	02/03/2023 12:10	006 BP351/3
Perfluoroundecanoic acid	<1.7		1	ng/L		02/03/2023 12:10	006 BP351/3
Surr: 13C2-PFDoA (S)	64%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C24:2FTS (S)	86%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C26:2FTS (S)	99%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C28:2FTS (S)	98%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C3-PFBS (S)	84%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C3-PFHxS (S)	84%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C3HFPO-DA(S)	57%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C4-PFBA (S)	63%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C4-PFHpA (S)	65%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C5-PFHxA (S)	63%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C5-PFPeA (S)	61%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C6-PFDA (S)	70%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C7-PFUdA (S)	68%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C8-PFOA (S)	67%		1	%REC		02/03/2023 12:10	006 BP351/3
Surr: 13C8-PFOS (S)	83%		1	%REC		02/03/2023 12:10	006 BP351/3

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

-

Test results meet the requirements of NELAC unless otherwise noted.

Kimberley Mack

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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: 02/08/2023 page 7 of 20



575 Broad Hollow Road, Melville, NY 11747

TEL: (516) 370-6000 FAX: (516) 886-5526

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

Lab No.: 70244332006

Client Sample ID.: S-21134 (T)

Sample Information:

Type: Drinking Water Origin: Treated Well Routine

> **Treatment** GAC

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Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (T) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Surr: 13C9-PFNA (S) 69% %REC 02/03/2023 12:10 006 BP351/3

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: 02/08/2023

Test results meet the requirements of NELAC unless otherwise noted.



Lab No.: 70244332007

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

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526

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Greenlawn Water District

Greenlawn, NY 11740 Attn To: Bob Santoriello

45 Railroad Street Client Sample ID.: S-21134 (R)

Federal ID: 5103271 Collected:

01/25/2023 12:00 PM Point S-21134 (R) 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Received:

Analytical Method: EPA 353.	.2						
Parameter(s)	<u>Results</u>	Qualifier	D.F.	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Nitrate as N Nitrate-Nitrite (as N)	5.4 5.4		5 5	mg/L mg/L	10	01/26/2023 11:44 01/26/2023 11:44	007 BP4U1/1 007 BP4U1/1
Analytical Method: EPA 353.	.2						
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	D.F.	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/26/2023 9:58 PM	007 BP4U1/1

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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Test results meet the requirements of NELAC unless otherwise noted.

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Pace

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

Lab No.: 70244332008

Client Sample ID.: S-21134 (T)

Sample Information:
Type: Drinking Water
Origin: Treated Well

Routine

Treatment GAC

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526 www.pacelabs.com

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello
Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (T) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Analytical Method:EPA	353.2						
Parameter(s)	<u>Results</u>	Qualifier	D.F.	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Nitrate as N	5.5		5	mg/L	10	01/26/2023 11:45	008 BP4U1/1
Nitrate-Nitrite (as N)	5.5		5	mg/L		01/26/2023 11:45	008 BP4U1/1
Analytical Method:EPA	353.2						
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Nitrite as N	<0.050		1	mg/L	1	01/26/2023 9:59 PM	008 BP4U1/1

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

Date Reported: 02/08/2023



Test results meet the requirements of NELAC unless otherwise noted.

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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

Lab No.: 70244332009

Client Sample ID.: S-21134 (R)

Sample Information:
Type: Drinking Water

Origin: Raw Well
Routine

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (R) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Analytical Method: EPA 524	4.2						
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,1,1-Trichloroethane	0.67		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,1,2,2-Tetrachloroethane	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,1,2-Trichloroethane	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,1,2-Trichlorotrifluoroethane	1.0	IH,N3	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,1-Dichloroethane	1.2		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,1-Dichloroethene	0.82		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,1-Dichloropropene	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,2,3-Trichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,2,3-Trichloropropane	0.66		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,2,4-Trichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,2,4-Trimethylbenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,2-Dichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,2-Dichloroethane	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,2-Dichloropropane	0.73		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,3,5-Trimethylbenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
I,3-Dichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
I,3-Dichloropropane	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
1,4-Dichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
2,2-Dichloropropane	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
2-Chlorotoluene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
4-Chlorotoluene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Acetone	<2.0	N3	1	ug/L	50	01/28/2023 9:52 AM	009 VG9C1/2
Benzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Bromobenzene	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Bromochloromethane	< 0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Bromodichloromethane	< 0.50		1	ug/L		01/28/2023 9:52 AM	009 VG9C1/2
Bromoform	<0.50		1	ug/L		01/28/2023 9:52 AM	009 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Chlorodifluoromethane	<0.50	N3,L2,v3	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Chloroethane	<0.50	- ,, - 3	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Chloroform	<0.50		1	ug/L	-	01/28/2023 9:52 AM	009 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L	-	01/28/2023 9:52 AM	009 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Dichlorodifluoromethane	<0.50	L2	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Hexachloro-1,3-butadiene	<0.50		1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2

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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.

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



Test results meet the requirements of NELAC unless otherwise noted.

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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

Lab No.: 70244332009

Client Sample ID.: S-21134 (R)

Sample Information:

Type: Drinking Water Origin: Raw Well Routine



www.pacelabs.com **Greenlawn Water District** 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (R) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

•						
Isopropylbenzene (Cumene)	<0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Methyl-tert-butyl ether	<0.50	1	ug/L	10	01/28/2023 9:52 AM	009 VG9C1/2
Methylene Chloride	<0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Styrene	<0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Tetrachloroethene	23.1*	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Toluene	<0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Total Trihalomethanes (Calc.)	< 0.50	1	ug/L	80	01/28/2023 9:52 AM	009 VG9C1/2
Trichloroethene	12.9*	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Trichlorofluoromethane	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Vinyl chloride	< 0.50	1	ug/L	2	01/28/2023 9:52 AM	009 VG9C1/2
cis-1,2-Dichloroethene	0.70	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
cis-1,3-Dichloropropene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
m&p-Xylene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
n-Butylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
n-Propylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
o-Xylene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
p-Isopropyltoluene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
sec-Butylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
tert-Butylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
trans-1,2-Dichloroethene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
trans-1,3-Dichloropropene	< 0.50	1	ug/L	5	01/28/2023 9:52 AM	009 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	92%	1	%REC		01/28/2023 9:52 AM	009 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	83%	1	%REC		01/28/2023 9:52 AM	009 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.

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See qualifiers page for additional qualifier definitions.

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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

Lab No.: 70244332010

Client Sample ID.: S-21134 (T)

Sample Information:

Type: Drinking Water Origin: Treated Well Routine

Treatment

GAC

575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526

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Greenlawn Water District 45 Railroad Street Greenlawn, NY 11740

Attn To: Bob Santoriello Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (T) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Analytical Method: EPA 524	.2						
Parameter(s)	<u>Results</u>	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
1,1,1-Trichloroethane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
1,1,2,2-Tetrachloroethane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
1,1,2-Trichloroethane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,1,2-Trichlorotrifluoroethane	< 0.50	N3	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,1-Dichloroethane	1.2		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,1-Dichloroethene	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,1-Dichloropropene	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,2,3-Trichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
1,2,3-Trichloropropane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,2,4-Trichlorobenzene	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,2,4-Trimethylbenzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,2-Dichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,2-Dichloroethane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,2-Dichloropropane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,3,5-Trimethylbenzene	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,3-Dichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,3-Dichloropropane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,4-Dichlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
,2-Dichloropropane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
2-Chlorotoluene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
-Chlorotoluene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Acetone	<2.0	N3	1	ug/L	50	01/28/2023 9:25 AM	010 VG9C1/2
Benzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Bromobenzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Bromochloromethane	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Bromodichloromethane	< 0.50		1	ug/L		01/28/2023 9:25 AM	010 VG9C1/2
Bromoform	< 0.50		1	ug/L		01/28/2023 9:25 AM	010 VG9C1/2
Bromomethane	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Chlorobenzene	< 0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Chlorodifluoromethane	< 0.50	N3,L2,v3	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
chloroform	<0.50		1	ug/L		01/28/2023 9:25 AM	010 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L		01/28/2023 9:25 AM	010 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Dichlorodifluoromethane	<0.50	L2	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Hexachloro-1.3-butadiene	<0.50		1	ug/L	5	01/28/2023 9:25 AM	010 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.

Test results meet the requirements of NELAC unless otherwise noted.

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Pace*
575 Broad Hollow Road, Melville, NY 11747
TEL: (516) 370-6000 FAX: (516) 886-5526

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

Lab No.: 70244332010

Client Sample ID.: S-21134 (T)

Sample Information:

Type: Drinking Water
Origin: Treated Well
Routine

Treatment GAC

www.pacelabs.com

Greenlawn Water District 45 Railroad Street

Greenlawn, NY 11740 Attn To: Bob Santoriello
Federal ID: 5103271

Collected: 01/25/2023 12:00 PM Point S-21134 (T) Received: 01/25/2023 01:25 PM Location Well #8

Collected By CLIENT

Isopropylbenzene (Cumene)	<0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Methyl-tert-butyl ether	< 0.50	1	ug/L	10	01/28/2023 9:25 AM	010 VG9C1/2
Methylene Chloride	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Styrene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Tetrachloroethene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Toluene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Total Trihalomethanes (Calc.)	< 0.50	1	ug/L	80	01/28/2023 9:25 AM	010 VG9C1/2
Trichloroethene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Trichlorofluoromethane	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Vinyl chloride	< 0.50	1	ug/L	2	01/28/2023 9:25 AM	010 VG9C1/2
cis-1,2-Dichloroethene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
cis-1,3-Dichloropropene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
m&p-Xylene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
n-Butylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
n-Propylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
o-Xylene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
p-Isopropyltoluene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
sec-Butylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
tert-Butylbenzene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
trans-1,2-Dichloroethene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
trans-1,3-Dichloropropene	< 0.50	1	ug/L	5	01/28/2023 9:25 AM	010 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	91%	1	%REC		01/28/2023 9:25 AM	010 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	82%	1	%REC		01/28/2023 9:25 AM	010 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.



Kimberley Mack

Test results meet the requirements of NELAC unless otherwise noted.

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575 Broad Hollow Road, Melville, NY 11747 TEL: (516) 370-6000 FAX: (516) 886-5526 www.pacelabs.com

WorkOrder:

70244332

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

Date Reported: 02/08/2023

page 15 of 20



WorkOrder:

70244332

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

Date Reported: 02/08/2023 page 16 of 20



WorkOrder:

70244332

Additional Qualifiers

- IH This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
- 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.
- 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.

Date Reported: 02/08/2023 page 17 of 20



Sample Request Form PUBLIC WATER SUPPLIER

[25/2023 ပွ Date: Accepted By: _ Collected By: Cooler Temp:

L BU	LYES LINO VOC'S PRESERVED WITH HOL
	ž
WELL RUN TO SYSTEM	

☐ WELL OFF LINE

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Sample Types	Purp
PW - Potable Water	80
GW - Groundwater	뿚
SW - Surface Water	S
WW - Waste Water	
AQ - Aqueous	
S - Soil	

Attn: Bob Struteniello/Frank DeMayo

Phone #:_

Proj. # or (Name):.

6.C.H.D

Copies To: _

Bill To:

GREENLAWN WATER DISTRICT 45 Railroad Street

Name or Code: Client Info:

Address:

reenlawn, NY 11740 tel. 631-261-0674

ble Water RO - Routine Indwater RE - Resample ace Water S - Special te Water S - Special Seus	D - Distribution	AST - Air Stripper GAC - Granular Activated Charcoal
RE - Resample S - Special	le RW - Raw Well	Granular Activated Charcoal
S - Special	- H	
	I W - Ireated Well	- Nitrate Removal Plant
	T - Tank FF - I	FE - Iron Removal Plant
	MW - Monitoring Well	
: (0	- Other
S - Soil	F - Ffflient	

Date/Time Collected:	Sample Type	Location	u.	Orlgin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.
125/202	Md	Well	D T	RW				7.C	
1 P		1 /		ML	BAC	=-		1.1	
11	2.3	Well	# 8	RW				1, 4- DioxANE	
11	1.1) 1		1 St	GAC			11	
11	l i	Well	100 ∓	RW				PFAS-533-Report Full 1134	
2	1.3	11		TW	GAC			11	
11	11	Well	© ‡	RW				Nitrate	
11		12		TW	GAC				
11) (Well	‡	RW				V 0C	
11	13	11		M	GAC			11	
Remarks:		27							

Sample Info:

WO#: 70244332

PM: KMM

Due Date: 02/01/23

soc 201

dΜ

ВN SPLC Medu Mekn MGFU

ВЬЗИ

Bb¢N BP2S 8638 UIAB BP2U BP3U

Bb¢N

cein

ALDA

н⊧э∀ TrəA

AG2R **TEÐ**∀ **VC4E**

VG32 ¥€34 UreA

Nesn **U**εĐ∀ N≠9∀ S69a DGGT A690 **DG9**P JG9J

DG9T

S69A неэл

269∧

Neg/ Matrix COC Line Item

WORK ORDER: BIACT II. 4DICX /PIPAS

COC PAGE of

3 3

CLIENT: GLN Use Point Numb

Mesn Teqs 8618 BP1N BP1Z ЯЕЧЯ SW **BP35 TEAS** ВЬЗС ВЬЅИ

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111

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10 ÷ 12

Matrix	unpreserved plastic WT Water	Int. HNO3 plastic SL Solid		UmL unpres amber OL OIL	WP Wipe	DW Drinking Water
oc	served pl	INO3 plas	mL Sodium	npres am		

250mL unpreserved 500mL unpreserved

125mL unpreserved

SL	NAL	WP	ų	
UC 1L unpreserved plastic N* 250mL HNO3 plastic	2 250mL Sodium J 500mL unpres amber		n also be a BP4N	SOC

3	S	ż	ō	3 6	ļ										
							2	2	2	-				2	2
11 unpreserved plastic	250mL HNO3 plastic	250mL Sodium	500mL unpres amber		Can also be a BP4N	soc	40mL Na Thio amber	40mL Ascorbic acid	Citrate/Na Thiosulfate	Na Thiosulfate 60mL vial	250mL unpres amber	Na Thiosulfate 250mL	Na Thiosulfate Amber	Na Thiosultate 1L	(NH4CL)
BP1U	BP3N*	BP3C	AG2U		· Can a		DG9T	DG9A	DG9Y	DG6T	AG3U	AG3T	BP1B	AG1T	A'G1A

R Terracore Kit
WG2U 2oz Unpreserved Jar
WGFU 4oz Unpreserved Jar
WGFU 8oz Unpreserved Jar
WGDU 16oz Unpreserved Jar
ZPLC Zplock Bag
TEDL Tedlar Bag
BG1H 1L HCL Clear Glass
GN General Misc. 120mL Coliform Na Thio

| BP1U | 1L unpreserved plastic | Walter | 125mL HN03 plastic | Walter | 125mL Pottle | Walter | 125mL Pottle | Walter | 125mL Arterate | Walter | Walter | 125mL Arterate | Walter | Wa

WG90 Boz clear soil jar WG40 4oz clear soil jar

Additional Comments

 VG9U
 40mL unpres clear vial
 AG4U
 125mL unpres amber
 BP4

 VG9C
 40mL Ascorbic-HCI
 AG3U
 250mL unpres amber
 BP3

 VG9H
 40mL HCI clear vial
 AG2U
 500mL unpres amber
 BP2

 VG9H
 40mL Nutric clear vial
 AG3U
 11mmper
 BP2

 DG9T
 40mL Na Trisoulfate vial
 AG3A
 Ammonium CI 250mL
 BP2

 DG9F
 40mL amber vial - TSP
 AG4E
 125mL H2SO4 amber
 BP2

 DG9F
 40mL amber vial - TSP
 AG4E
 125mL EDA amber
 BP2

 DG9F
 40mL amber vial - TSP
 AG4E
 125mL EDA amber
 BP2

 DG9F
 40mL amber vial - AG4E
 125mL EDA amber
 BP2

 DG9F
 Ascorbic/Maleic Acid
 AG3T
 250mL Na Thio amber
 BP2

 DG9F
 Na Thio 60mL Vial
 AG3T
 AG50mL Na Thio amber
 BP2

 DG9S
 Ammonium CulcusO4
 AG3T
 AG6mL Na Thio amber
 BP3

 CG1U
 1L Linpres Jar (Con Ed)
 AG1H
 1L HCI amber glass
 BP3

 AG1 page 19 of 20

Container Codes

/ Pace Analytical	Clie	nt Name:	8	- 1	WO#	:7024	4332
Courier: Fed Ex UPS USPS	Tient Co	mmercial	□ace □	Diher	PM: KMM	Due	Date: 02/01/23
					CLIENT:	GLN	
Custody Seal on Cooler/Box Present:	□Yes 📮	No Sea	ls intact: [] Yes□ No 🛺		I TO STATE OF THE	CHOOL LIN
Packing Material: Bubble Wrap Thermometer Manda and Market	lubble Bags	Ziploc	⊟ Hone [JOther T		Type of Ice: We	Blue None
Thermometer Used: THING			ctor: + (poling process has begun
Cooler Temperature [C]: 13.1	Cool	er Tempe	rature Corr	ected(°C): 13	.2	Date/Time 5035A	kits placed in freezer
Temp should be above freezing to 6.0°C				100			-
USDA Regulated Soil (N/A water sa		¥(∵Date and lo	nitials of pers	on examining co	otents TH 1/2 T
Did samples originate in a quarantine zo	ne within th	e United S	tates: AL AR	CA FL GA ID LA			ate from a foreign source
THE THE OF THE CHECK IT	naol?	Yes UN	3		:	naludia - II	ire noura roceign source
If Yes to either question, fill out a Reg	ulated Soil	Checklist	(F-L1-C-010	and include w	ith SCUR/COC	nenoning ugwan at	nd Puerto Rico)? 🛚 Yes 🏻 I
					101 00010 000	COMMENTS:	
Chain of Custody Present:	OYes	□No		lı -		COMMENTS:	
Chain of Custody Filled Out:	ØYes	□No		2 .		——————————————————————————————————————	4
Chain of Custody Relinquished:	DYes			3.	7777092		
Sampler Name & Signature on COC:	ØVes		ON/A	4.			
Samples Arrived within Hold Time:	ØYes		City K	5.			
Short Hold Time Analysis (<72hr):	10Yes			6.	X .		
Rush Turn Around Time Requested:	□Yes	-EMO		7 .			
Sufficient Volume: (Triple volume provider	I for 15/Vas			8.		3	
Correct Containers Used:	Dies			9.	1		
-Pace Containers Used:	Difes	□Ņo		3.	*		
Containers Intact:	-EHES			10.			
Filtered volume received for Dissolved tes	ts 🗆 Yes		en/a		ata if and		
Sample Labels match COC:	DYes		- CRYA	12	ore it segimen	t is visible in the di	ssolved container.
Includes date/time/ID/Matrix SL (M	ir Dori	,		142			
All containers needing preservation have t	ieen Flyes	- ONo	EN/A	13.	HNO ₃	100: - 1/ 0:	<i>*</i>
cnecked?	oon Gres		L. C.	13. 4	LING3 []	l₂SO₄ □NaOl	I □HCI ——
pH paper Lot #	At a second		*				1.000
All containers needing preservation are for	und to be	***		Sample #			
in compliance with method recommendati	ion?		<i>-</i>				
(HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	□Yes	□No	ON/A				
NAOH>12 Cyanide)				1		J. 62	
Exceptions: VOA Coliform, TOC/DOC, Oil and DRO/8015 (water)	d Grease,						#1. ž
Dec Wathod Was are a second of the control of the c	. 4.5		IIE	Initial when con	mpleted: Lot	# of added :	Date/Time preservative
Per Method, VOA pH is checked after analys						ervative:	added:
Samples checked for dechlorination. If starch test strips Lot #	_ DYes	□No	EN/A C	14.			
Residual chlorine strips Lot #	S N.			27 GE 15			
SM 4500 CN samples checked for sulfide?	<u> </u>	5) 	_/	Positi	ve for Res. Chlo	orine? Y N	
ead Acetate Strips Lot #	□Yës	ďNo	DATA	15.			9
leadspace in VOA Vials (>6mm):	1,4,1		_/_		re for Sulfide?	Y N .	
rip Blank Present:	□Yes	□No	ØN/A	16.			
rip Blank Custody Seals Present	□Yes	□No	DHTA	17.	- 1		₽.
ace Trip Blank Lot # (if applicable):	□Yes	□No	DMTA				*
lient Notification/ Resolution:	-						
erson Contacted:				Field Data Requir		Y / N	
omments/ Resolution:				Date,	/Time:		
	-						
					-		*
ਮ (Project Manager) review is documented							