Incorporated Village of Mineola PWS ID No. NY2902839 MCL Deferral for 1,4-Dioxane, PFOA, and PFOS Quarterly Report – First Quarter 2022

#### Introduction

On behalf of the Incorporated Village of Mineola (Village), D&B Engineers and Architects (D&B) has prepared this document in accordance with the requirements of the New York State Department of Health (NYSDOH) for public water suppliers who have been granted deferrals from maximum contaminant level (MCL) violations for 1,4-dioxane, perfluorooctanoic acid (PFOA), and/or perfluorooctanesulfonic acid (PFOS). The Village was granted an MCL deferral for 1,4-dioxane, PFOA, and PFOS in 2020. The Village was granted a deferral because it has been proactive in its efforts to establish and implement an action plan for managing the above-referenced compounds.

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

#### **Corrective Action Plan Milestones – Well 4**

The Village's Well 4 AOP treatment project is currently under regulatory review. Detailed design documents for the facility were submitted to the Nassau County and New York State Health Departments in the third quarter of 2021. Initially, it was expected that the review and approval of these plans could be completed by the end of 2021. However, that was not the case. Construction cannot begin until these plans are approved, which is now expected to occur in the second quarter of 2022. The Village will not commence construction prior to approval.

While these documents are being reviewed, the Village is in the process of pre-purchasing and negotiating the cost of a treatment building with the manufacturer and preparing for the public bidding process. Although it has been granted a deferral, the Village did not use this well to supply drinking water in the first quarter of 2022.

#### **Public Notification**

In accordance with the terms of the deferral, the Village has maintained an open line of communication with the public regarding its deferral. The deferral public notification documentation is still featured prominently on the Village website, as are all previous quarterly reports.

## **Analytical Sampling**

Sample results for Well 4 taken during the first quarter of 2022 are contained in the below tables. Full laboratory reports for each sample are contained in **Attachment B**.

## 1,4-Dioxane (parts per billion, ppb)

Well	Date
vven	January 2022
Well 4 (N-3185)	0.67

## **PFOA** (parts per trillion, ppt)

W/all	Date
Well	January 2022
Well 4 (N-3185)	17.6

## PFOS (parts per trillion, ppt)

Well	Date
wen	January 2022
Well 4 (N-3185)	3.9

#### Conclusion

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

Should you have any questions, please contact the Village at 516-746-0750 or visit the website, <a href="https://www.mineola-ny.gov">www.mineola-ny.gov</a>.

Very truly yours,

Board of Trustees Incorporated Village of Mineola

#### Enclosures

cc: K. Wheeler (NYSDOH)

B. Rogers (NYSDOH)

W. Provoncha (NCDH)

P. Young (NCDH)

- R. Putnam (NCDH)
- T. Rini (IVM)
- J. Martin (IVM)
- B. Merklin (D&B)
- L. Ortiz (D&B)
- P. Connell (D&B)

# ATTACHMENT A

**Project Schedule Associated with MCL Deferral** 

MCL Deferral Quarterly Report - Q1 2022	Well 4 AOP Project Schedule
ask Name	2022   2023   2023   Qtr 1   Qtr 2   Qtr 3   Qtr 4   Qtr 1   Qtr 2   Qtr 3
Design (Complete)	Qui Qui Qui Qui Qui Qui Qui .
Permitting (In Progress, Delayed)	
Construction	
Startup and Testing	
Plant in Operation	

# ATTACHMENT B

Water Quality Data

# **Laboratory Results**

Results for the samples and analytes requested

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

Type: Drinking Water
Origin: Raw Well
Routine

**Sample Information:** 

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

Mineola, Inc. Village of 42 E. 2nd Street

Mineola, NY 11501 Attn To: James Martin Federal ID: 2902839 Collected: 01/18/202

Tillage of Lab No. : 70201131001 et Client Sample ID.: N-03185

01/18/2022 10:10 AM Point N-03185 01/18/2022 04:25 PM Location Well #4

www.pacelabs.com

Collected By CLIENT

Received:

Parameter(s)								
Nitrate as N   4.8   5   mg/L   10   01/19/2022 3:16 AM   001 BP4U1/1	Analytical Method: EPA 353.2							
Nitrate-Nitrite (as N)   4.8   5   mg/L   01/19/2022 3:16 AM   001 BP4U1/1	Parameter(s)	Results	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Number   N	Nitrate as N	4.8		5	mg/L	10	01/19/2022 3:16 AM	001 BP4U1/1
Parameter(s)   Results   Qualifier   D.F.   Units   Limit   Analyzed:   Container:	Nitrate-Nitrite (as N)	4.8		5	mg/L		01/19/2022 3:16 AM	001 BP4U1/1
Nitrite as N   <0.050	Analytical Method:EPA 353.2							
Analytical Method:EPA 522   Prep Method: EPA 522   Prep Date: 01/21/2022 7:59 AM   Prep Date	Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Parameter(s)	Nitrite as N	<0.050		1	mg/L	1	01/19/2022 1:21 AM	001 BP4U1/1
1.4-Dioxane (p-Dioxane)   0.67	Analytical Method:EPA 522		Prep Method:	EPA 522		Prep Date	2: 01/21/2022 7:59 AM	
Analytical Method:EPA 524.2   Parameter(s)   Results   Qualifier   D.E.   Units   Limit   Analyzed:   Container:	Parameter(s)	Results	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Analytical Method:EPA 524.2   Parameter(s)	1,4-Dioxane (p-Dioxane)	0.67		1	ug/L	1	01/21/2022 11:59	001 AG2R1/2
Parameter(s)   Results   Qualifier   D.F.   Units   Limit   Analyzed:   Container:	Surr: 1,4-Dioxane-d8 (S)	101%		1	%REC		01/21/2022 11:59	001 AG2R1/2
1,1,1,2-Tetrachloroethane         <0.50	Analytical Method:EPA 524.2							
1,1,1-Trichloroethane         <0.50	Parameter(s)	<u>Results</u>	Qualifier	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
1,1,2,2-Tetrachloroethane         <0.50	1,1,1,2-Tetrachloroethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,1,2-Trichloroethane         <0.50	1,1,1-Trichloroethane	< 0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,1,2-Trichlorotrifluoroethane         <0.50	1,1,2,2-Tetrachloroethane	< 0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,1-Dichloroethane       <0.50	1,1,2-Trichloroethane	< 0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,1-Dichloroethene       <0.50	1,1,2-Trichlorotrifluoroethane	< 0.50	N3	1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,1-Dichloropropene       <0.50	1,1-Dichloroethane	< 0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,2,3-Trichlorobenzene       <0.50	1,1-Dichloroethene	< 0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,2,3-Trichlorobenzene       <0.50	1,1-Dichloropropene	< 0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
1,2,3-Trichloropropane       <0.50	1,2,3-Trichlorobenzene	< 0.50		1			01/24/2022 11:08	001 VG9C1/2
1,2,4-Trichlorobenzene       <0.50	1,2,3-Trichloropropane	< 0.50		1	•	5	01/24/2022 11:08	001 VG9C1/2
1,2,4-Trimethylbenzene       <0.50				1	-		01/24/2022 11:08	001 VG9C1/2
1,2-Dichlorobenzene       <0.50	1.2.4-Trimethylbenzene	<0.50		1	•		01/24/2022 11:08	
1,2-Dichloroethane       <0.50	•			1	-		01/24/2022 11:08	001 VG9C1/2
1,2-Dichloropropane       <0.50	1.2-Dichloroethane	<0.50		1	•		01/24/2022 11:08	001 VG9C1/2
1,3,5-Trimethylbenzene       <0.50	,			1				
1,3-Dichlorobenzene       <0.50				1				
1,3-Dichloropropane       <0.50				1				
1,4-Dichlorobenzene       <0.50	,			•				
2,2-Dichloropropane       <0.50	• •			1	-			
2-Chlorotoluene       <0.50	•			1	· ·			
4-Chlorotoluene       <0.50	• •			1				
Benzene <0.50 1 ug/L 5 01/24/2022 11:08 001 VG9C1/2				1				
· · · · · · · · · · · · · · · · · · ·				1	-			
	Bromobenzene	<0.50		1	ug/L	5	01/24/2022 11:08	001 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.

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.

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Jennifer Aracri

Test results meet the requirements of NELAC unless otherwise noted.

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

# **Laboratory Results**

Results for the samples and analytes requested

Client Sample ID.: N-03185

Lab No.: 70201131001

**Sample Information:** 

Type: Drinking Water

Routine

Origin: Raw Well

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

42 E. 2nd Street

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

Mineola, Inc. Village of

Mineola, NY 11501

Attn To: James Martin Federal ID: 2902839

N-03185 Collected: 01/18/2022 10:10 AM Point Received: 01/18/2022 04:25 PM Location Well #4

Collected By CLIENT

Bromochloromethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Bromodichloromethane	<0.50		1	ug/L		01/24/2022 11:08	001 VG9C1/2
Bromoform	<0.50		1	ug/L		01/24/2022 11:08	001 VG9C1/2
Bromomethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Carbon tetrachloride	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Chlorobenzene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Chlorodifluoromethane	<0.50	N3	1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Chloroethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Chloroform	<0.50		1	ug/L		01/24/2022 11:08	001 VG9C1/2
Chloromethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Dibromochloromethane	<0.50		1	ug/L		01/24/2022 11:08	001 VG9C1/2
Dibromomethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Dichlorodifluoromethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Ethylbenzene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Hexachloro-1,3-butadiene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Isopropylbenzene (Cumene)	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Methyl-tert-butyl ether	<0.50		1	ug/L	10	01/24/2022 11:08	001 VG9C1/2
Methylene Chloride	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Styrene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Tetrachloroethene	8.3*		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Toluene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Total Trihalomethanes (Calc.)	<0.50		1	ug/L	80	01/24/2022 11:08	001 VG9C1/2
Trichloroethene	7.0*		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Trichlorofluoromethane	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Vinyl chloride	<0.50		1	ug/L	2	01/24/2022 11:08	001 VG9C1/2
cis-1,2-Dichloroethene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
cis-1,3-Dichloropropene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
m&p-Xylene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
n-Butylbenzene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
n-Propylbenzene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
o-Xylene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
p-Isopropyltoluene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
sec-Butylbenzene	< 0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
tert-Butylbenzene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
trans-1,2-Dichloroethene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
trans-1,3-Dichloropropene	<0.50		1	ug/L	5	01/24/2022 11:08	001 VG9C1/2
Surr: 1,2-Dichlorobenzene-d4 (S)	83%		1	%REC		01/24/2022 11:08	001 VG9C1/2
Surr: 4-Bromofluorobenzene (S)	92%		1	%REC		01/24/2022 11:08	001 VG9C1/2

Analytical Method: EPA 537.1		Prep Method:	EPA 537.	.1	Prep Date:	01/31/2022 1:41 PM		
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:	
Perfluorobutanesulfonic acid	<1.8	P4	1	ng/L		02/01/2022 9:15 PM	001 BP3T1/2	
Perfluoroheptanoic acid	3.4	P4	1	ng/L		02/01/2022 9:15 PM	001 BP3T1/2	

#### Qualifiers:

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ND - Not Detected at or above adjusted reporting limit.

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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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

# **Laboratory Results**

Results for the samples and analytes requested

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

Sample Information:
Type: Drinking Water
Origin: Raw Well

Routine

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

Mineola, Inc. Village of 42 E. 2nd Street

Mineola, NY 11501 Attn To: James Martin Lab No. : 70201131001 Client Sample ID.: N-03185

**Attn To:** James Martin Federal ID: 2902839

Collected: 01/18/2022 10:10 AM Point N-03185 Received: 01/18/2022 04:25 PM Location Well #4

www.pacelabs.com

Collected By CLIENT

Analytical Method: SM22 02:	00D O - 1'11	Dran Mathadi	01400	0222B Colilort	Drop Do	to: 01/19/2022 6:09 DM	
Surr: NEtFOSAA-d5 (S)	75%		1	%REC		02/01/2022 9:15 PM	001 BP3T1/2
Surr: HFPO-DAS (S)	91%		1	%REC		02/01/2022 9:15 PM	001 BP3T1/2
Surr: 13C2-PFHxA (S)	112%		1	%REC		02/01/2022 9:15 PM	001 BP3T1/2
Surr: 13C2-PFDA (S)	73%		1	%REC		02/01/2022 9:15 PM	001 BP3T1/2
Perfluorooctanoic acid	17.6*	P4	1	ng/L	10	02/01/2022 9:15 PM	001 BP3T1/2
Perfluorooctanesulfonic acid	3.9	P4	1	ng/L	10	02/01/2022 9:15 PM	001 BP3T1/2
Perfluorononanoic acid	<1.8	P4	1	ng/L		02/01/2022 9:15 PM	001 BP3T1/2
Perfluorohexanesulfonic acid	4.8	P4	1	ng/L		02/01/2022 9:15 PM	001 BP3T1/2

Analytical Method: SM22 92	23B Colilert	Prep Method:	SM22 92	23B Colilert	Prep Date	<u>2:</u> 01/18/2022 6:08 PM	
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
E.coli	Absent		1		Absent	01/19/2022 12:03	001 SP5T1/1
Total Coliforms	Absent		1		Absent	01/19/2022 12:03	001 SP5T1/1

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

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Test results meet the requirements of NELAC unless otherwise noted.

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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

Sample Information:

Type: Drinking Water Origin: Other

Routine

Mineola, Inc. Village of

TEL: (631) 694-3040 FAX: (631) 420-8436 www.pacelabs.com

Mineola, NY 11501 Attn To: James Martin Federal ID: 2902839

42 E. 2nd Street

Received:

Lab No. : 70201131002 Client Sample ID.: N-03185 FIELD BLANK

Federal ID: 2902839 Collected: 01/18/2022 10:10 AM

01/18/2022 04:25 PM Location

Point

Collected By CLIENT

Analytical Method: EPA 537.1	Prep Method: EPA 537.1				Prep Da		
Parameter(s)	<u>Results</u>	<u>Qualifier</u>	<u>D.F.</u>	<u>Units</u>	<u>Limit</u>	Analyzed:	Container:
Perfluorobutanesulfonic acid	<2.0		1	ng/L		02/01/2022 9:31 PM	002 BP3T1/2
Perfluoroheptanoic acid	<2.0		1	ng/L		02/01/2022 9:31 PM	002 BP3T1/2
Perfluorohexanesulfonic acid	<2.0		1	ng/L		02/01/2022 9:31 PM	002 BP3T1/2
Perfluorononanoic acid	<2.0		1	ng/L		02/01/2022 9:31 PM	002 BP3T1/2
Perfluorooctanesulfonic acid	<2.0		1	ng/L	10	02/01/2022 9:31 PM	002 BP3T1/2
Perfluorooctanoic acid	<2.0		1	ng/L	10	02/01/2022 9:31 PM	002 BP3T1/2
Surr: 13C2-PFDA (S)	83%		1	%REC		02/01/2022 9:31 PM	002 BP3T1/2
Surr: 13C2-PFHxA (S)	97%		1	%REC		02/01/2022 9:31 PM	002 BP3T1/2
Surr: HFPO-DAS (S)	85%		1	%REC		02/01/2022 9:31 PM	002 BP3T1/2
Surr: NEtFOSAA-d5 (S)	80%		1	%REC		02/01/2022 9:31 PM	002 BP3T1/2

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

Date Reported: 02/04/2022



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

#### WorkOrder:

70201131

# **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 Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236 Montana Certification #: Cert 0074 Nebraska Certification: NE-OS-28-14 New Hampshire Certification #: 2958 New Jersey Certification #: FL022 New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710 North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Certification: #96042001
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

Pace Analytical Services Long Island

Date Reported: 02/04/2022 page 5 of 9



### **WorkOrder:**

70201131

# **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: 02/04/2022 page 6 of 9



WorkOrder:

70201131

# **Additional Qualifiers**

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

Date Reported: 02/04/2022 page 7 of 9



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<u>Clie</u>
Name or NC: VILLAGE OF MINEOLA
WATER DEPARTMENT
Phone #42 EAST SECOND STREET
Proj. # MINEOLA, NY 11501
Bill To:
Copies To:

# Sample Request Form PUBLIC WATER SUPPLIER

Collected By:

Accepted By:

Cooler Temp:

Date:

N. Mirandil

1/18/20

1/120

1/18/22	v j	675	9	
WELL OFF L		STEM		_

Sample Types
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PW - Potable Water GW - Groundwater

SW - Surface Water WW - Waste Water

AQ - Aqueous S - Soil

## Purpose

(RO) - Routine RE - Resample

S - Special

## **Origin**

D - Distribution
RW - Raw Well
TW - Treated Well

T - Tank

MW - Monitoring Well
I - Influent

E - Effluent

# **Treatment Types**

YES NO VOC'S PRESERVED WITH HCI

AST - Air Stripper

GAC - Granular Activated Charcoal

N - Nitrate Removal Plant FE - Iron Removal Plant

re - Non nemov

O - Other

# Sample Info:

Date/Time Collected:	Sample Location		Origin	Treatment Type	Purpose	Field Cl <sub>2</sub>	Readings pH/Temp	Analysis	Lab No.	
510-221	60	8th Auc	RW		RO	)	6.4/14	POL	N-03195	
16.21 /	64	8th Auc	RW		RO	1	6.4/14	Nitrato	N-03185	
18-21/10:11)	GW	gth Ave	RW		RU	_	6.4/14	Byc	N-03185	
-18-31/10:10	64	8th ALC	RW		RU	_	64/14	1,4 DIUXENL	H- 03195	
19-23/10:00	GW	8th ALC	RV		BO	~	64/14	537 Pfon/Pfus	H-03185	
19-21/10:10	CW	4th Ave	RW		RO		6.4/14	537 Pfor/Pfcs Blu	N-03185	
								POL		
								Nitrate		
								Buy Series	366	
								1/A Dioxage		

Remarks:	\			0		
						N -20

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Pace Analytical *	Client N	ame:	$m\omega$		Proje	BAL			Date: 01/27	/22
			/			PM:	JSA	Due	Date: 01/2/	,
Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client		ercial 🗹	ace Dthe	r		CLI	ENT: MWD			
Tracking #:	_/		b							
Custody Seal on Cooler/Box Present: Ye	s No	Seals in	tact: Yes	SE NO 1	□N/A		remperature	Pagnik Pi	esent: LYes 🗸 N	10
Packing Material: Bubble Wrap Bubble	Bags 🗇	Ziploc [	NoneOtt	ner	-,		Type of Ice: (			_
Thermometer Used: TH091	Correcti	ion Factor	: · O.	9:0.	- 1 1		Samples on ic	e, cooling	process has begun	
Cooler Temperature(°C): 2.3	Cooler 1	Temperati	ire Correcti	ed(°C):	4.5		Date/Time 50	335A kits	placed in freezer_	
Temp should be above freezing to 6.0°C		5)	*						M 1-1	111
USDA Regulated Soil [ $\square$ N/A water sample	1			Date a	nd Initials	of per	son examinin	g conten	1/18/22	1613
OSDA REGULACED SUIT ( TIMA WATER SUIT PE	utia tha II	nited State	oc- AT AR CA	FL GA I	D. LA. MS. N	IC.	Did samples o	orignate st	om a foreign source	į
Did samples originate in a quarantine zone w	min the o	S No	23. FLL 1114 O.				including Haw	raii and Pu	ierto Rico)? 🛛 Yes	⊿-No
NM, NY, OK, OR, SC, TN, TX, or VA (check map)? If Yes to either question, fill out a Regulat	ተር-ሀርክ	S LIVU	_1.1_C_010) a	nd inclu	de with SC	cur/co	C paperwork			
If Yes to either question, fill out a Regulat	ea Soil Cir	il remanda	-[1-0-010] 0	1	00 11(01 00		COMM	ENTS:		
	Callag	□No		1.						
Chain of Custody Present:	eyes			2.						
Chain of Custody Filled Out:	Yes			3.						
Chain of Custody Relinquished:	□¥es	□No	□N/A	4.						
Sampler Name & Signature on COC:	OYes		LINA	5.						
Samples Arrived within Hold Time:	DWes	□No		6.						
Short Hold Time Analysis (<72hr):	elYes	□No		7.						
Rush Turn Around Time Requested:	□Yes			8.						
Sufficient Volume: (Triple volume provided fo				9.						
Correct Containers Used:	eYes					5.50				
-Pace Containers Used:	□Yes	□No		10.						
Containers Intact:	∠ElYes □Yes	□No	DN/A	11.	Note	if sedin	nent is visible i	n the diss	olved container.	
Filtered volume received for Dissolved tests	Yes		Jen 1715	12_						
Sample Labels match COC:		MO								
-Includes date/time/ID, Matrix: SL/WT	UIL CVOC	□No	EN/A	13.	CI HN	03	□H <sub>2</sub> SO <sub>4</sub>	□ №ОН	HCI	
All containers needing preservation have be	en Lites	Ditto	/			-				
checked? pH paper Lot #										
All containers needing preservation are four	nd to be			Samp	le#					
in compliance with method recommendatio	n?									
(HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , HCl, NaOH>9 Sulfide,	□Yes	□No	DMA							
NAOH>12 Cyanide)										
Exceptions: VOA, Coliform, TOC/DOC, Oil and	Grease,						1		Date/Time presen	native
DRO/8015 (water).				Initial	when comp	oleted:	244		added:	40040
Per Method, VOA pH is checked after analys	is						preservative:	( <u> </u>		
Samples checked for dechlorination:	□Yes	□No	DN/A	14.					х	
KI starch test strips Lot #				1	D = a161. m	. for Do	s. Chlorine? Y	M		
Residual chlorine strips Lot #			6.11	15	Postuve	2 101 KE	S. CHOTTIE!	14		
SM 4500 CN samples checked for sulfide?	□Yes	□No	A)N/A	15.	Positive	o for Cu	illidos V	N		
Lead Acetate Strips Lot #				10	POSITIVE	3 101 30	mide: 1	10		
Headspace in VOA Vials ( >6mm):	□Yes	DNo	□N/A	16.						
Trip Blank Present	□Yes	□No	PN/A	10.					-2*	
Trip Blank Custody Seals Present	□Yes	□No	ON/A	1					•	
Pace Trip Blank Lot # (if applicable):				Fold I	Data Requir	rad?	V	/ N		
Client Notification/ Resolution:				กเซเน เ		Time:		•		
Person Contacted:					Date	riine.				
Comments/ Resolution:										
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\* PM (Project Manager) review is documented electronically in LIMS.

ENV-FRM-MELV-0024 01