Capital Region Environmental Laboratory

137 Columbia Turnpike, Rensselaer, NY 12144
(518) 949-2020

Averill Park Central School

Attn: Aaron Heffner
146 Gettle Road St. 1
Averill Park ,NY 12018

Printed On : 8/5/2021

Sample ID: **BC05207**
Date Received: 06/24/2021
Time Received: 10:43
Date Finalized: 8/5/2021
PO Number:
Your Ref:

Customer: Averill Park Central School
Owner: Averill Park Schools
Sample Loc: Algonquin Middle School
Sample Pt: Pit Well 1

Collect Date: 06/24/2021
Collect Time: 09:35
Collected by: BRIAN COLLINS
Receipt Temp: 9.5 C on ice chilling

Water Source: Drilled Well
Chlorinated: Yes *Field Residual Chlorine:*

Potable: Yes
Grab/Comp: Grab

Laboratory Report

Test	Result	MCL	Qualifiers	Units	Method Used	Analyst	Analysis Date
1,4-Dioxane	0.14	1		ug/L	EPA 522	SUB*	7/6/2021
4,8-dioxa-3H-perfluorononanoic acid (ADO	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorononanoic acid (PFNA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorodecanoic acid (PFDA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
N-EtFOSAA	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluoroundecanoic acid (PFUnA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
N-MeFOSAA	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorododecanoic acid (PFDoA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorotridecanoic acid (PFTrDA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorotetradecanoic acid (PFTA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Hexafluoropropylene oxide dimer acid (HF	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
11Cl-PF3OUds (F53B Major)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
9Cl-PF3ONS (F53B Minor)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorobutanesulfonic acid (PFBS)	0.96		J	ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorohexanoic acid (PFHxA)	18			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorohexanesulfonic acid (PFHxS)	1.0		J	ng/L	EPA 537.1	SUB*	7/12/2021
Perfluoroheptanoic acid (PFHpA)	2.7			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorooctanoic acid (PFOA)	9.2	10		ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorooctanesulfonic acid (PFOS)	7.7	10		ng/L	EPA 537.1	SUB*	7/12/2021

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Collected by: BRIAN COLLINS
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Water Source: Drilled Well
Chlorinated: Yes *Field Residual Chlorine:*

Potable: Yes
Grab/Comp: Grab

Qualifiers Key:

X	Exceeds maximum contamination limit	R	Duplication outside acceptance limits	H	Hold time exceeded
T	Temperature outside specifications	A	Sample contained air bubble or headspace	B	Analyte detected in blank
C(+/-)	CCV outside acceptancee limits	Z	Analysis is not state-certified	G	Incorrect bottle received
S(+/-)	Lab control sample outside acceptance limits	M(+/-)	Matrix spike recovery outside acceptance limits	P	Sample preserved at lab
J	Analyte detected below quantitation limit	I(+/-)	IS/Surrogate outside acceptance limits		

(+ Result may be biased high / - Result may be biased low)

Legend: < Less Than, > Greater Than

mg/L=PPM, ug/L=PPB

If no collection time was given, 00:00 is reported

MCL = Maximum Contaminant Level referenced from New York State Subpart 5-1 of the Public Drinking Water Standards and/or National Primary/Secondary Drinking Water Standards.

Note 1: Per ELAP requirements, water analyzed for alkalinity, color, conductivity, nitrate, nitrite, sulfate, organics, UV absorbance, non-potable bacteriological analyses, BOD/CBOD, solids and phosphorus are required to be on ice to indicate the chilling process has begun. Samples must be between 0-6C and not frozen.

Comments:

1,4-DIOXANE: SUB* 1,4-Dioxane analysis was completed by ELAP Lab #10899.
PFOA/PFOS: SUB* PFOA/PFOS analyses were completed by NYS DOH Lab. #10899. Samples were prepared on 07/07/21.
Surrogates:
13C-PFHxA 78.2% (70-130%)
M3HFPO-DA 74.7% (70-130%)
13C-PFDA 83.3% (70-130%)
D5-NEtFOSAA 85.9% (70-130%)
PFOA/PFOS FIELD BLANK:
PFOA - <2
PFOS - <2
Surrogates:
13C-PFHxA 86.9% (70-130%)
M3HFPO-DA 79.3% (70-130%)
13C-PFDA 82.9% (70-130%)
D5-NEtFOSAA 89.3% (70-130%)

Test procedures for all analyses meet NELAC requirements unless noted. If you have any questions, please call the laboratory.

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Time Received: 10:43
Date Finalized: 8/5/2021
PO Number:
Your Ref:

Customer: Averill Park Central School
Owner: Averill Park Schools
Sample Loc: Algonquin Middle School
Sample Pt: Pit 2 Row

Collect Date: 06/24/2021
Collect Time: 09:45
Collected by: BRIAN COLLINS
Receipt Temp: 9.5 C on ice chilling

Water Source: Drilled Well
Chlorinated: Yes *Field Residual Chlorine:*

Potable: Yes
Grab/Comp: Grab

Laboratory Report

Test	Result	MCL	Qualifiers	Units	Method Used	Analyst	Analysis Date
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N-MeFOSAA	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
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Perfluorotetradecanoic acid (PFTA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorododecanoic acid (PFDoA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluoroundecanoic acid (PFUnA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
N-EtFOSAA	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorodecanoic acid (PFDA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorononanoic acid (PFNA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
4,8-dioxa-3H-perfluorononanoic acid (ADO	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorotridecanoic acid (PFTrDA)	<2.0			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorobutanesulfonic acid (PFBS)	1.4		J	ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorohexanoic acid (PFHxA)	23			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorohexanesulfonic acid (PFHxS)	1.2		J	ng/L	EPA 537.1	SUB*	7/12/2021
Perfluoroheptanoic acid (PFHpA)	3.2			ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorooctanoic acid (PFOA)	11	10	X	ng/L	EPA 537.1	SUB*	7/12/2021
Perfluorooctanesulfonic acid (PFOS)	8.5	10		ng/L	EPA 537.1	SUB*	7/12/2021

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Surrogates:
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M3HFPO-DA 90.1% (70-130%)
13C-PFDA 90.7% (70-130%)
D5-NEtFOSAA 91.3% (70-130%)
PFOA/PFOS FIELD BLANK:
PFOA - <2
PFOS - <2
Surrogates:
13C-PFHxA 85.5% (70-130%)
M3HFPO-DA 80.6% (70-130%)
13C-PFDA 89.9% (70-130%)
D5-NEtFOSAA 94.4% (70-130%)

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