

New York State Department of Health Wadsworth Center

Biggs Laboratory
Empire State Plaza
Albany, NY 12237-0012
CLIA# 33D0654341

David Axelrod Institute
120 New Scotland Avenue
Albany, NY 12208
CLIA# 33D2005937

Griffin Laboratory
5668 State Farm Road
Slingerlands, NY 12159
CLIA# 33D2005935

Report No: **EHS2200017759-SR-2**

Page 1 of 5

****Replaces information in report No: EHS2200017759-SR-1 (Report Date: 05/06/2022)**

Report Date: **07/12/2022**

Report retrieved via NYSDOH Health Commerce System by hinaes03 on 07/14/2022

REQUESTED BY: DIRECTOR-CEHBWSP

ATTN: AMY SCHOBER
DIRECTOR'S OFFICE
BUREAU OF WATER SUPPLY PROTECTION
ROOM 1110
CORNING TOWER - EMPIRE STATE PLAZA
ALBANY NY 12237

Public Water Systems (BWSP)

County: COLUMBIA
City (or) Town: NEW LEBANON
Submitted by: AMY SCHOBER
Collected by: AMY SCHOBER

Submitter's Reference Number: SAMPLE ID 8

Grab/Collection Date: 04/13/2022 13:00
Date received: 04/14/2022 10:45

Location/Project/Facility Name: NY1002630, NEW LEBANON ELEMENTARY SCHOOL - NEW LEBANON (T), TP-01
TREATMENT PLANT (CHLORINATION), EP-01 EP-Entry Point
Sampling Location Details: KITCHEN SINK CWT
1478 ROUTE 20
NEW LEBANON NY
Chlorinated: Yes
Field Free Chlorine Residual (mg/L): 0.2

FINAL LABORATORY REPORT

Sample Id: EHS2200017759-01

Sample Type: Finished Water

Received Temperature (°C): **4.8**

Lab Tracking Id: SAMPLE ID 8

Biggs Laboratory
NYS ELAP ID: 10763

Laboratory of Organic Analytical Chemistry
Interim Lab Director: Dr. Patrick Parsons
Tech. Director/contact: Nicole Cairns
518-473-0323

Carbamates in Drinking Water EPA Method 531.1

Analysis Date: 4/21/2022

Aldicarb Sulfoxide:	<1.0 ug/L	NELAP
Aldicarb Sulfone:	<1.0 ug/L	NELAP
Oxamyl (Vydate):	<1.0 ug/L	NELAP
Methomyl (Lannate):	<1.0 ug/L	NELAP
3-Hydroxy Carbofuran:	<1.0 ug/L	NELAP
Aldicarb (Temik):	<1.0 ug/L	NELAP
Propoxur (Baygon):	<1.0 ug/L	NELAP
Carbofuran:	<1.0 ug/L	NELAP
Carbaryl (Sevin):	<1.0 ug/L	NELAP
Methiocarb:	<1.0 ug/L	NELAP

Herbicides in Drinking Water EPA Method 515.4

Start Date: 4/20/2022 Analysis Date: 4/21/2022

Dalapon:	<2.0 ug/L	NELAP
Dicamba:	<1.0 ug/L	NELAP
2,4-D:	<0.5 ug/L	NELAP
Pentachlorophenol:	<0.2 ug/L	NELAP
2,4,5-TP (Silvex):	<0.5 ug/L	NELAP
2,4,5-T:	<0.5 ug/L	NELAP
2,4-DB:	<2.0 ug/L	NELAP

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Page 2 of 5

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Dinoseb:	<1.0 ug/L	NELAP
Picloram:	<0.5 ug/L	NELAP
Acifluorfen:	<1.0 ug/L	NELAP

[Note] Test associated with low surrogate recovery based on EPA method requirements; results may be biased low. Please contact the lab to schedule a re-sample.

Nitrogen Phosphorus Pesticides in Drinking Water EPA Method 507

Start Date: 4/18/2022 Analysis Date: 4/20/2022

Simazine:	<0.1 ug/L	NELAP
Atrazine:	<0.1 ug/L	NELAP
Metribuzin:	<0.5 ug/L	NELAP
Alachlor (Lasso):	<0.1 ug/L	NELAP
Metolachlor (Dual):	<0.5 ug/L	NELAP
Butachlor:	<0.5 ug/L	NELAP

Microextractables in Water EPA Method 504.1

Start Date: 4/19/2022 Analysis Date: 4/19/2022

1,2-Dibromoethane (EDB):	<0.01 ug/L	NELAP
1,2,3-Trichloropropane:	<0.03 ug/L	NELAP
Dibromo-3-chloropropane:	<0.02 ug/L	NELAP

Volatile Organics in Water EPA Method 524.2

Analysis Date: 4/19/2022

Dichlorodifluoromethane:	<0.5 ug/L	NELAP
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[Note] Test associated with high QC recovery, but no impact on result.

Chloromethane:	<0.5 ug/L	NELAP
Vinyl Chloride:	<0.5 ug/L	NELAP
Bromomethane:	<0.5 ug/L	NELAP
Chloroethane:	<0.5 ug/L	NELAP
Trichlorofluoromethane:	<0.5 ug/L	NELAP
1,1-Dichloroethene:	<0.5 ug/L	NELAP
Methylene Chloride:	<0.5 ug/L	NELAP
trans-1,2-Dichloroethene:	<0.5 ug/L	NELAP
Methyl-t-Butyl-Ether:	<0.5 ug/L	NELAP
1,1-Dichloroethane:	<0.5 ug/L	NELAP
Methyl Ethyl Ketone:	<10 ug/L	
cis-1,2-Dichloroethene:	<0.5 ug/L	NELAP
Bromochloromethane:	<0.5 ug/L	NELAP
Chloroform:	<0.5 ug/L	NELAP
2,2-Dichloropropane:	<0.5 ug/L	NELAP
1,2-Dichloroethane:	<0.5 ug/L	NELAP
1,1,1-Trichloroethane:	<0.5 ug/L	NELAP
1,1-Dichloropropene:	<0.5 ug/L	NELAP
Carbon Tetrachloride:	<0.5 ug/L	NELAP

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Page 3 of 5

****Replaces information in report No: EHS2200017759-SR-1 (Report Date: 05/06/2022)**

Report Date: **07/12/2022**

Report retrieved via NYSDOH Health Commerce System by hinaes03 on 07/14/2022

Benzene:	<0.5 ug/L	NELAP
Dibromomethane:	<0.5 ug/L	NELAP
1,2-Dichloropropane:	<0.5 ug/L	NELAP
Trichloroethene:	<0.5 ug/L	NELAP
Bromodichloromethane:	<0.5 ug/L	NELAP
cis-1,3-Dichloropropene:	<0.5 ug/L	NELAP
Methyl Isobutyl Ketone:	<10 ug/L	
trans-1,3-Dichloropropene:	<0.5 ug/L	NELAP
1,1,2-Trichloroethane:	<0.5 ug/L	NELAP
Toluene:	<0.5 ug/L	NELAP
1,3-Dichloropropane:	<0.5 ug/L	NELAP
Dibromochloromethane:	<0.5 ug/L	NELAP
Tetrachloroethene:	<0.5 ug/L	NELAP
1,1,1,2-Tetrachloroethane:	<0.5 ug/L	NELAP
Chlorobenzene:	<0.5 ug/L	NELAP
Ethylbenzene:	<0.5 ug/L	NELAP
Bromoform:	<0.5 ug/L	NELAP
m/p-Xylene:	<0.5 ug/L	NELAP
Styrene:	<0.5 ug/L	NELAP
1,1,2,2-Tetrachloroethane:	<0.5 ug/L	NELAP
o-Xylene:	<0.5 ug/L	NELAP
1,2,3-Trichloropropane:	<0.5 ug/L	NELAP
Isopropylbenzene:	<0.5 ug/L	NELAP
Bromobenzene:	<0.5 ug/L	NELAP
n-Propylbenzene:	<0.5 ug/L	NELAP
2-Chlorotoluene:	<0.5 ug/L	NELAP
4-Chlorotoluene:	<0.5 ug/L	NELAP
1,3,5-Trimethylbenzene:	<0.5 ug/L	NELAP
tert-Butylbenzene:	<0.5 ug/L	NELAP
1,2,4-Trimethylbenzene:	<0.5 ug/L	NELAP
sec-Butylbenzene:	<0.5 ug/L	NELAP
1,3-Dichlorobenzene:	<0.5 ug/L	NELAP
1,4-Dichlorobenzene:	<0.5 ug/L	NELAP
p-Cymene:	<0.5 ug/L	NELAP
1,2-Dichlorobenzene:	<0.5 ug/L	NELAP
n-Butylbenzene:	<0.5 ug/L	NELAP
1,2,4-Trichlorobenzene:	<0.5 ug/L	NELAP
Naphthalene:	<0.5 ug/L	NELAP
Hexachlorobutadiene (C-46):	<0.5 ug/L	NELAP
1,2,3-Trichlorobenzene:	<0.5 ug/L	NELAP

(+) Indicates a Tentatively Identified Compound with an associated estimated concentration, when applicable.

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Page 4 of 5

****Replaces information in report No: EHS2200017759-SR-1 (Report Date: 05/06/2022)**

Report Date: **07/12/2022**

Report retrieved via NYSDOH Health Commerce System by hinaes03 on 07/14/2022

Start Date: 4/26/2022 Analysis Date: 4/26/2022

Perfluoroheptanoic acid (PFHpA)(CASRN 375-85-9):	<2.00 ng/L	
Perfluorooctanoic acid (PFOA)(CASRN 335-67-1):	<2.00 ng/L	NELAP
Perfluorononanoic acid (PFNA)(CASRN 375-95-1):	<2.00 ng/L	
Perfluorobutanesulfonic acid (PFBS)(CASRN 375-73-5):	<1.77 ng/L	
Perfluorohexanesulfonic acid (PFHxS)(CASRN 355-46-4):	<1.89 ng/L	
Perfluorooctanesulfonic acid (PFOS)(CASRN 1763-23-1):	<1.91 ng/L	NELAP
Perfluorododecanoic acid (PFDoA) (CASRN 307-55-1):	<2.00 ng/L	
Perfluoroundecanoic acid (PFUnA) (CASRN 2058-94-8):	<2.00 ng/L	
Perfluorodecanoic acid (PFDA) (CASRN 335-76-2):	<2.00 ng/L	
Perfluoroheptanesulfonic acid (PFHpS) (CASRN 375-92-8):	<1.90 ng/L	
Perfluorohexanoic acid (PFHxA) (CASRN 307-24-4):	<2.00 ng/L	
Perfluoropentanoic acid (PFPeA) (CASRN 2706-90-3):	<20.0 ng/L	
Perfluoropentanesulfonic acid (PFPeS) (CASRN 2706-91-4):	<1.88 ng/L	
Perfluorobutanoic acid (PFBA) (CASRN 375-22-4):	<2.00 ng/L	
Perfluoro-3-methoxypropanoic acid (PFMPA) (CASRN 377-73-1):	<20.0 ng/L	
Perfluoro-4-methoxybutanoic acid (PFMBA) (CASRN 863090-89-5):	<2.00 ng/L	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA) (CASRN 113507-82-7):	<1.78 ng/L	
9-Chlorohexadecafluoro-3-oxanonane- 1-sulfonic acid (9Cl-PF3ONS) (CASRN 756426-58-1):	<1.86 ng/L	
11-Chloroeicosafluoro-3-oxaundecane- 1-sulfonic acid (11Cl-PF3OUdS) (CASRN 763051-92-9):	<1.88 ng/L	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) (CASRN 151772-58-6):	<2.00 ng/L	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA) (CASRN 919005-14-4):	<18.8 ng/L	
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)(CASRN 757124-72-4):	<1.87 ng/L	
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS) (CASRN 27619-97-2):	<9.48 ng/L	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS) (CASRN 39108-34-4):	<1.92 ng/L	
Hexafluoropropylene oxide dimer acid (HFPO-DA)(CASRN 13252-13-6):	<30.0 ng/L	

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Page 5 of 5

****Replaces information in report No: EHS2200017759-SR-1 (Report Date: 05/06/2022)**

Report Date: **07/12/2022**

Report retrieved via NYSDOH Health Commerce System by hinaes03 on 07/14/2022

Start Date: 5/6/2022 Analysis Date: 5/18/2022

****new**** 1,4-Dioxane: <0.04 ug/L NELAP

Biggs Laboratory
NYS ELAP ID: 10762

Laboratory of Inorganic Chemistry
Lab Director: Dr. P. Parsons
Contact: Dr. C. Judd 518-486-7829

Fluoride in Drinking Water by SM 4500 F-C

Analysis Date: 4/21/2022

Fluoride, Free: 0.2 mg/L NELAP

Turbidity Check

Analysis Date: 4/20/2022

Date of Turbidity Check: 04/20/2022

Trace Metals in Drinking Water by EPA Method 200.8

Analysis Date: 5/6/2022

Beryllium:	<1.0 ug/L	NELAP
Chromium:	<5.0 ug/L	NELAP
Nickel:	<5.0 ug/L	NELAP
Arsenic:	2.0 ug/L	NELAP
Selenium:	<3.0 ug/L	NELAP
Cadmium:	<1.0 ug/L	NELAP
Antimony:	<1.0 ug/L	NELAP
Barium:	197.0 ug/L	NELAP
Thallium:	<0.5 ug/L	NELAP
Lead:	<1.0 ug/L	NELAP

Mercury in Drinking Water by EPA Method 200.8

Analysis Date: 5/6/2022

Mercury: <0.2 ug/L NELAP

Total Cyanide in Drinking Water by EPA Method 335.4

Analysis Date: 4/18/2022

Cyanide, Hydrolyzable: <0.02 mg/L NELAP

NELAP: National Environmental Laboratory Approval Program Accreditation

END OF REPORT

The Laboratory Director authorizes the release of this report. The results in this report relate only to the sample submitted to the laboratory.

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Report No: **EHS2200017959-SR-1**

Page 1 of 2

Report Date: **07/12/2022**

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REQUESTED BY: DIRECTOR-CEHBWSP

DIRECTOR'S OFFICE
BUREAU OF WATER SUPPLY PROTECTION
ROOM 1110
CORNING TOWER - EMPIRE STATE PLAZA
ALBANY NY 12237

Public Water Systems (BWSP)

County: COLUMBIA
Submitted by: LOAC-QAQC
Collected by: LOAC-QAQC

Submitter's Reference Number: FRB-08

Grab/Collection Date: 04/13/2022
Date received: 04/14/2022 10:45

Location/Project/Facility Name: FIELD REAGENT BLANK PREPARED ON: 4/1/22
Sampling Location Details: SUBMITTED WITH EHS2200017759

FINAL LABORATORY REPORT

Biggs Laboratory
NYS ELAP ID: 10763

Laboratory of Organic Analytical Chemistry
Interim Lab Director: Dr. Patrick Parsons
Tech. Director/contact: Nicole Cairns
518-473-0323

Sample Id: EHS2200017959-01

Sample Type: Field Blank

Received Temperature (°C): **5.6**

Lab Tracking Id: FRB-08

Perfluoroalkyl Substances (PFASs) in Drinking Water by EPA Method 533

Start Date: 4/26/2022 Analysis Date: 4/26/2022

Perfluoroheptanoic acid (PFHpA)(CASRN 375-85-9):	Not Analyzed
Perfluorooctanoic acid (PFOA)(CASRN 335-67-1):	Not Analyzed
Perfluorononanoic acid (PFNA)(CASRN 375-95-1):	Not Analyzed
Perfluorobutanesulfonic acid (PFBS)(CASRN 375-73-5):	Not Analyzed
Perfluorohexanesulfonic acid (PFHxS)(CASRN 355-46-4):	Not Analyzed
Perfluorooctanesulfonic acid (PFOS)(CASRN 1763-23-1):	Not Analyzed
Perfluorododecanoic acid (PFDoA) (CASRN 307-55-1):	Not Analyzed
Perfluoroundecanoic acid (PFUnA) (CASRN 2058-94-8):	Not Analyzed
Perfluorodecanoic acid (PFDA) (CASRN 335-76-2):	Not Analyzed
Perfluoroheptanesulfonic acid (PFHpS) (CASRN 375-92-8):	Not Analyzed
Perfluorohexanoic acid (PFHxA) (CASRN 307-24-4):	Not Analyzed
Perfluoropentanoic acid (PFPeA) (CASRN 2706-90-3):	Not Analyzed
Perfluoropentanesulfonic acid (PFPeS) (CASRN 2706-91-4):	Not Analyzed
Perfluorobutanoic acid (PFBA) (CASRN 375-22-4):	Not Analyzed
Perfluoro-3-methoxypropanoic acid (PFMPA) (CASRN 377-73-1):	Not Analyzed

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Report retrieved via NYSDOH Health Commerce System by hinaes03 on 07/14/2022

Perfluoro-4-methoxybutanoic acid (PFMBA) (CASRN 863090-89-5):	Not Analyzed
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA) (CASRN 113507-82-7):	Not Analyzed
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS) (CASRN 756426-58-1):	Not Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) (CASRN 763051-92-9):	Not Analyzed
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) (CASRN 151772-58-6):	Not Analyzed
4,8-Dioxa-3H-perfluorononanoic acid (ADONA) (CASRN 919005-14-4):	Not Analyzed
1H, 1H, 2H, 2H-Perfluorohexanesulfonic acid (4:2 FTS)(CASRN 757124-72-4):	Not Analyzed
1H, 1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2 FTS) (CASRN 27619-97-2):	Not Analyzed
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS) (CASRN 39108-34-4):	Not Analyzed
Hexafluoropropylene oxide dimer acid (HFPO-DA)(CASRN 13252-13-6):	Not Analyzed

[Note] Analysis of this Field Reagent Blank was not required because method analytes were not detected at or above the minimum reporting limit in the associated field sample(s).

END OF REPORT

The Laboratory Director authorizes the release of this report. The results in this report relate only to the sample submitted to the laboratory.