

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: **EHS2200039228-SR-1**

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Report Date: **09/29/2022**

Report retrieved via NYSDOH Health Commerce System by mrm01 on 10/25/2022

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: ESSEX
City (or) Town: ELIZABETHTOWN
Submitted by: MARLENE MARTIN
Collected by: MARLENE MARTIN

Grab/Collection Date: 08/17/2022 08:15
Date received: 08/19/2022 11:10

Location/Project/Facility Name: NY1500289, NEW RUSSIA WD - ELIZABETHTOWN (T), TP001 CHLORINATOR, EP001 EP-Entry Point
Chlorinated: Yes
Field Free Chlorine Residual (mg/L): 0.21

FINAL LABORATORY REPORT

Sample Id: EHS2200039228-01

Sample Type: Finished Water

Received Temperature (°C): **13.3**

Lab Tracking Id: 02

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: 8/31/2022

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: 8/25/2022 Analysis Date: 8/29/2022

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

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Acifluorfen: <1.0 ug/L NELAP

Nitrogen Phosphorus Pesticides in Drinking Water EPA Method 507

Start Date: 8/22/2022 Analysis Date: 8/24/2022

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: 8/23/2022 Analysis Date: 8/23/2022

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: 8/24/2022

Dichlorodifluoromethane: <0.5 ug/L NELAP
Chloromethane: <0.5 ug/L NELAP
Vinyl Chloride: <0.5 ug/L NELAP
Bromomethane: <0.5 ug/L NELAP
[Note] Test associated with high QC recovery, but no impact on result.
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
Benzene: <0.5 ug/L NELAP
Dibromomethane: <0.5 ug/L NELAP
1,2-Dichloropropane: <0.5 ug/L NELAP

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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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Analysis Date: 8/24/2022

Fluoride, Free: **<0.2 mg/L** NELAP

Turbidity Check

Analysis Date: 8/23/2022

Date of Turbidity Check: **8/23/22**

Trace Metals in Drinking Water by EPA Method 200.8

Analysis Date: 8/24/2022

Beryllium:	<1.0 ug/L	NELAP
Chromium:	<5.0 ug/L	NELAP
Nickel:	<5.0 ug/L	NELAP
Arsenic:	<1.0 ug/L	NELAP
Selenium:	<3.0 ug/L	NELAP
Cadmium:	<1.0 ug/L	NELAP
Antimony:	<1.0 ug/L	NELAP
Barium:	<5.0 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: 8/24/2022

Mercury: **<0.2 ug/L** NELAP

Total Cyanide in Drinking Water by EPA Method 335.4

Analysis Date: 8/25/2022

Cyanide, Hydrolyzable: **<0.02 mg/L** NELAP

NOTES:

[1] For all tests except Metals and Fluorides, sample temperature upon receipt was not in the required range.

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.