

Rec'd
7/21/17



Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

SALLY DRESLIN, M.S., R.N.
Executive Deputy Commissioner

July 19, 2017

Mayor Ellen McNulty-Ryan
Village of Green Island
20 Clinton Street
Green Island, NY 12183

Dear Mayor Ellen McNulty-Ryan,

The Albany County Department of Health and New York State Department of Health (DOH) recently tested your regulated drinking water system for perfluorinated compounds (PFCs) including perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS). This testing is part of New York State Water Quality Rapid Response Team's efforts to identify and test regulated drinking water systems near facilities suspected to be frequent users of PFOA and PFOS, including fire departments and training sites, airports and military installations, and manufacturing and chemical bulk storage facilities.

PFOA and PFOS were detected in your system at levels well below the U.S. Environmental Protection Agency (EPA) health advisory level of 70 parts per trillion for PFOA and PFOS combined—your water is acceptable for all uses. No actions are necessary to reduce exposure to PFOA and PFOS in the drinking water supply. Complete testing results are enclosed. Note that the standard battery of testing for PFOA and PFOS, as per U.S. EPA Method 537, includes four additional PFCs, which may have been detected at very low concentrations. DOH recommends that you make these testing results available to all water consumers as you would other testing results.

If you have any questions, please contact Albany County Department of Health at 518-447-4620, or the New York State Department of Health Bureau of Water Supply Protection at 518-402-7650; email: bpwsp@health.ny.gov.

Additional information is available at the U.S. EPA's website: <https://www.epa.gov/ground-water-and-drinking-water/drinking-water-health-advisories-pfoa-and-pfos>.

Sincerely,

A handwritten signature in black ink, appearing to read "Lloyd R. Wilson".

Lloyd R. Wilson, Ph. D.
Director's Office
Bureau of Water Supply Protection

cc: Rob Swider, NYSDOH
Albany County Department of Health
Justin Deming, NYSDOH
Sean Ward
Robert Foster

New York State Department of Health Wadsworth Center

Biggs Laboratory
PO Box 509
Albany, NY 12201
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: **EHS1700030033-SR-1**

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Report Date: **07/11/2017**

Report retrieved via NYSDOH Health Commerce System by czd01 on 07/11/2017

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: ALBANY
City (or) Town: GREEN ISLAND
Submitted by: THOMAS BRADY
Collected by:

Submitter's Reference Number: GI-R-1

Grab/Collection Date: **06/13/2017**
Date received: **06/13/2017 15:30**

Location/Project/Facility Name: NY0100195, GREEN ISLAND VILLAGE - GREEN ISLAND
Sampling Location Details: WTP
HUDSON AVE.
GREEN ISLAND NY 12183
Chlorinated: No

FINAL LABORATORY REPORT

Biggs Laboratory
NYS ELAP ID: 10763

Laboratory of Organic Analytical Chemistry
Lab Director: Dr. K. Kannan
Contact: Dr. David Spink 518-486-2530

Sample Id: EHS1700030033-01

Sample Type: Raw Water

Received Temperature (°C): 9.6

Lab Tracking Id: GI-R-1

Perfluoroalkyl Substances (PFASs) in Drinking Water by Ultra Performance Liquid Chromatography (UPLC) Tandem Mass Spectrometry (MS/MS): ISO 25101

Start Date: 6/14/2017 Analysis Date: 6/14/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	2.63 ng/L
Perfluorooctanoic acid (PFOA):	5.40 ng/L
Perfluorooctanesulfonic acid (PFOS):	4.02 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L

NYSELAP

NYSELAP

The purpose of our sampling is to analyze for PFOA and/or PFOS, as per ISO 25101:2009 (E) method. This test includes four additional Perfluorinated Chemicals (PFCs): perfluorobutanesulfonic acid (PFBS), perfluorohexanesulfonic acid (PFHxS), perfluoroheptanoic acid (PFHpA), perfluorononanoic acid (PFNA) that have been validated by the laboratory. These other PFCs may have been detected at very low concentrations-EPA has not established health advisories for these chemicals. All six PFCs are effectively removed from drinking water by granular activated carbon filtration systems.

NYSELAP: Accredited by the New York State Environmental Laboratory Approval Program

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.

New York State Department of Health Wadsworth Center

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

Report No: **EHS1700030034-SR-1**

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Report Date: **07/11/2017**

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

Public Water Systems (BWSP)

County: ALBANY
City (or) Town: GREEN ISLAND
Submitted by: THOMAS BRADY
Collected by: THOMAS BRADY

Submitter's Reference Number: GI-F-1

Grab/Collection Date: 06/13/2017
Date received: 06/13/2017 15:30

Location/Project/Facility Name: NY0100195, GREEN ISLAND VILLAGE - GREEN ISLAND
Sampling Location Details: WTP
HUDSON AVE.
GREEN ISLAND NY 12183
Chlorinated: Yes

FINAL LABORATORY REPORT

Biggs Laboratory
NYS ELAP ID: 10763

Laboratory of Organic Analytical Chemistry
Lab Director: Dr. K. Kannan
Contact: Dr. David Spink 518-486-2530

Sample Id: EHS1700030034-01

Sample Type: Finished Water

Received Temperature (°C): 9.4

Lab Tracking Id: GI-F-1

Perfluoroalkyl Substances (PFASs) in Drinking Water by Ultra Performance Liquid Chromatography (UPLC) Tandem Mass Spectrometry (MS/MS): ISO 25101

Start Date: 6/14/2017 Analysis Date: 6/14/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	3.29 ng/L
Perfluorooctanoic acid (PFOA):	6.16 ng/L
Perfluorooctanesulfonic acid (PFOS):	4.28 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L

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The purpose of our sampling is to analyze for PFOA and/or PFOS, as per ISO 25101:2009 (E) method. This test includes four additional Perfluorinated Chemicals (PFCs): perfluorobutanesulfonic acid (PFBS), perfluorohexanesulfonic acid (PFHxS), perfluoroheptanoic acid (PFHpA), perfluorononanoic acid (PFNA) that have been validated by the laboratory. These other PFCs may have been detected at very low concentrations-EPA has not established health advisories for these chemicals. All six PFCs are effectively removed from drinking water by granular activated carbon filtration systems.

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Report No: **EHS1700030035-SR-1**

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

Public Water Systems (BWSP)

County: ALBANY
City (or) Town: GREEN ISLAND
Submitted by: THOMAS BRADY
Collected by:

Submitter's Reference Number: GI-F-2

Grab/Collection Date: **06/13/2017**
Date received: **06/13/2017 15:30**

Location/Project/Facility Name: NY0100195, GREEN ISLAND VILLAGE - GREEN ISLAND
Sampling Location Details: WTP
HUDSON AVE.
GREEN ISLAND NY 12183
Chlorinated: Yes

FINAL LABORATORY REPORT

Biggs Laboratory
NYS ELAP ID: 10763

Laboratory of Organic Analytical Chemistry
Lab Director: Dr. K. Kannan
Contact: Dr. David Spink 518-486-2530

Sample Id: EHS1700030035-01

Sample Type: Finished Water

Received Temperature (°C): **7.0**

Lab Tracking Id: GI-F-2

Perfluoroalkyl Substances (PFASs) in Drinking Water by Ultra Performance Liquid Chromatography (UPLC) Tandem Mass Spectrometry (MS/MS): ISO 25101

Start Date: 6/14/2017 Analysis Date: 6/14/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	3.47 ng/L
Perfluorooctanoic acid (PFOA):	6.42 ng/L
Perfluorooctanesulfonic acid (PFOS):	4.27 ng/L
Perfluorononanoic acid (PFNA):	2.01 ng/L

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The purpose of our sampling is to analyze for PFOA and/or PFOS, as per ISO 25101:2009 (E) method. This test includes four additional Perfluorinated Chemicals (PFCs): perfluorobutanesulfonic acid (PFBS), perfluorohexanesulfonic acid (PFHxS), perfluoroheptanoic acid (PFHpA), perfluorononanoic acid (PFNA) that have been validated by the laboratory. These other PFCs may have been detected at very low concentrations-EPA has not established health advisories for these chemicals. All six PFCs are effectively removed from drinking water by granular activated carbon filtration systems.

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Slingerlands, NY 12159
CLIA# 33D2005935

Report No: **EHS1700030036-SR-1**

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Report Date: **07/11/2017**

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

Public Water Systems (BWSP)

County: ALBANY
City (or) Town: GREEN ISLAND
Submitted by: THOMAS BRADY
Collected by:

Submitter's Reference Number: GI-R-2

Grab/Collection Date: **06/13/2017**
Date received: **06/13/2017 15:30**

Location/Project/Facility Name: NY0100195, GREEN ISLAND VILLAGE - GREEN ISLAND
Sampling Location Details: WTP
HUDSON AVE.
GREEN ISLAND NY 12183
Chlorinated: No

FINAL LABORATORY REPORT

Biggs Laboratory
NYS ELAP ID: 10763

Laboratory of Organic Analytical Chemistry
Lab Director: Dr. K. Kannan
Contact: Dr. David Spink 518-486-2530

Sample Id: EHS1700030036-01

Sample Type: Raw Water

Received Temperature (°C): **10.5**
Received State: **Cooling**

Lab Tracking Id: GI-R-2

Perfluoroalkyl Substances (PFASs) in Drinking Water by Ultra Performance Liquid Chromatography (UPLC) Tandem Mass Spectrometry (MS/MS): ISO 25101

Start Date: 6/14/2017 Analysis Date: 6/14/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	2.50 ng/L
Perfluorooctanoic acid (PFOA):	5.40 ng/L
Perfluorooctanesulfonic acid (PFOS):	4.08 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L

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The purpose of our sampling is to analyze for PFOA and/or PFOS, as per ISO 25101:2009 (E) method. This test includes four additional Perfluorinated Chemicals (PFCs): perfluorobutanesulfonic acid (PFBS), perfluorohexanesulfonic acid (PFHxS), perfluoroheptanoic acid (PFHpA), perfluorononanoic acid (PFNA) that have been validated by the laboratory. These other PFCs may have been detected at very low concentrations-EPA has not established health advisories for these chemicals. All six PFCs are effectively removed from drinking water by granular activated carbon filtration systems.

NOTES:

[1] Sample temperature upon receipt did not meet method specifications of 10 °C.

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