

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: **EHS1700005737-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

REQUESTED BY: DIRECTOR-WCENVIRO

DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T VICKERSON
Collected by:

Submitter's Reference Number: HFEF

Grab/Collection Date: 02/02/2017 09:00

Date received: 02/02/2017 15:50

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY410041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: TEMPORARY GAC EFFLUENT
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: EHS1700005737-01

Sample Type: Finished Water

Received Temperature (°C): **13.9**

Received State: **Cooling**

Lab Tracking Id: HFEF

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

Start Date: 2/3/2017 Analysis Date: 2/3/2017

Perfluorobutanesulfonic acid (PFBS): **<1.77 ng/L**

Perfluorohexanesulfonic acid (PFHxS): **<1.89 ng/L**

Perfluoroheptanoic acid (PFHpA): **<2.00 ng/L**

Perfluorooctanoic acid (PFOA): **<2.00 ng/L**

NYSELAP

Perfluorooctanesulfonic acid (PFOS): **<1.91 ng/L**

NYSELAP

Perfluorononanoic acid (PFNA): **<2.00 ng/L**

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.

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

Report No: **EHS1700005738-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

REQUESTED BY: DIRECTOR-WCENVIRO

DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T VICKERSON
Collected by:

Submitter's Reference Number: HFMID

Grab/Collection Date: 02/02/2017 09:00

Date received: 02/02/2017 15:50

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: TEMPORARY GAC MID
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: EHS1700005738-01

Sample Type: Finished Water

Received Temperature (°C): **12.2**

Received State: **Cooling**

Lab Tracking Id: HFMID

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

Start Date: 2/3/2017 Analysis Date: 2/3/2017

Perfluorobutanesulfonic acid (PFBS): **<1.77 ng/L**

Perfluorohexanesulfonic acid (PFHxS): **<1.89 ng/L**

Perfluoroheptanoic acid (PFHpA): **<2.00 ng/L**

Perfluorooctanoic acid (PFOA): **6.03 ng/L**

NYSELAP

Perfluorooctanesulfonic acid (PFOS): **<1.91 ng/L**

NYSELAP

Perfluorononanoic acid (PFNA): **<2.00 ng/L**

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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5668 State Farm Road
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CLIA# 33D2005935

Report No: **EHS1700005739-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

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WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T VICKERSON
Collected by:

Submitter's Reference Number: HFIN

Grab/Collection Date: 02/02/2017 09:00

Date received: 02/02/2017 15:50

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: TEMPORARY GAC INFLUENT
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: EHS1700005739-01

Sample Type: Finished Water

Received Temperature (°C): **12.0**

Received State: **Cooling**

Lab Tracking Id: HFIN

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

Start Date: 2/3/2017 Analysis Date: 2/3/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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.

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

Report No: **EHS1700005740-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

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DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Submitter's Reference Number: HFR

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T VICKERSON
Collected by:

Grab/Collection Date: 02/02/2017 09:10

Date received: 02/02/2017 15:50

Additional Info: REPRESENTS POST PALL FILTERS

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: HIGH CAPACITY GAC INFLUENT
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: EHS1700005740-01

Sample Type: Finished Water

Received Temperature (°C): **11.9**

Received State: **Cooling**

Lab Tracking Id: HFR

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

Start Date: 2/3/2017 Analysis Date: 2/3/2017

Perfluorobutanesulfonic acid (PFBS): **<1.77 ng/L**

Perfluorohexanesulfonic acid (PFHxS): **<1.89 ng/L**

Perfluoroheptanoic acid (PFHpA): **14.0 ng/L**

Perfluorooctanoic acid (PFOA): **484 ng/L**

NYSELAP

Perfluorooctanesulfonic acid (PFOS): **4.61 ng/L**

NYSELAP

Perfluorononanoic acid (PFNA): **2.39 ng/L**

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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CLIA# 33D2005935

Report No: **EHS1700005743-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

REQUESTED BY: DIRECTOR-WCENVIRO

DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
Submitted by: TIM VICKERSON
Collected by:

Submitter's Reference Number: FRB

Grab/Collection Date: **02/02/2017**

Date received: **02/02/2017 15:50**

Location/Project/Facility Name: FIELD REAGENT BLANK

Sampling Location Details: PREPARED ON: 2/1/17 - WITH SAMPLE(S): EHS1700005737 - 5742

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: EHS1700005743-01

Sample Type: Field Blank

Received Temperature (°C): **11.3**

Received State: **Cooling**

Lab Tracking Id: FRB

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

Start Date: 2/3/2017 Analysis Date: 2/3/2017

Perfluorobutanesulfonic acid (PFBS): **<1.77 ng/L**

Perfluorohexanesulfonic acid (PFHxS): **<1.89 ng/L**

Perfluoroheptanoic acid (PFHpA): **<2.00 ng/L**

Perfluorooctanoic acid (PFOA): **<2.00 ng/L**

NYSELAP

Perfluorooctanesulfonic acid (PFOS): **<1.91 ng/L**

NYSELAP

Perfluorononanoic acid (PFNA): **<2.00 ng/L**

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

Report No: **EHS1700005744-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

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DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
Submitted by: RYAN MINZLOFF
Collected by:

Submitter's Reference Number: LRB

Grab/Collection Date: 02/02/2017

Date received: 02/02/2017 15:50

Location/Project/Facility Name: LABORATORY REAGENT BLANK

Sampling Location Details: PREPARED ON: 2/2/17 - EXTRACTED WITH: EHS1700005737 - 5743

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: EHS1700005744-01

Sample Type: Method Blank

Lab Tracking Id: LRB

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

Start Date: 2/3/2017 Analysis Date: 2/3/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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.

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END OF REPORT

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New York State Department of Health Wadsworth Center

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CLIA# 33D0654341

David Axelrod Institute
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Albany, NY 12208
CLIA# 33D2005937

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

Report No: **EHS1700008705-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

REQUESTED BY: DIRECTOR-WCENVIRO

DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Submitter's Reference Number: HFA

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T. VICKERSON
Collected by:

Grab/Collection Date: 02/14/2017 07:45

Date received: 02/14/2017 13:15

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: HIGH CAP GAC EFFLUENT
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: EHS1700008705-01

Sample Type: Finished Water

Received Temperature (°C): **10.5**

Received State: **Cooling**

Lab Tracking Id: HFA

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

Start Date: 2/15/2017 Analysis Date: 2/15/2017

Perfluorobutanesulfonic acid (PFBS): **<1.77 ng/L**

Perfluorohexanesulfonic acid (PFHxS): **<1.89 ng/L**

Perfluoroheptanoic acid (PFHpA): **<2.00 ng/L**

Perfluorooctanoic acid (PFOA): **<2.00 ng/L**

NYSELAP

Perfluorooctanesulfonic acid (PFOS): **<1.91 ng/L**

NYSELAP

Perfluorononanoic acid (PFNA): **<2.00 ng/L**

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

CC:

WATER SYSTEM MANAGER; HOOSICK FALLS (V) PWS; 24 MAIN ST.; HOOSICK FALLS NY 12090

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

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: **EHS1700008706-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

REQUESTED BY: DIRECTOR-WCENVIRO

DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T. VICKERSON
Collected by:

Submitter's Reference Number: HFB

Grab/Collection Date: 02/14/2017 07:45

Date received: 02/14/2017 13:15

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: HIGH CAP GAC MIDWAY
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: EHS1700008706-01

Sample Type: Finished Water

Received Temperature (°C): **10.6**
Received State: **Cooling**

Lab Tracking Id: HFB

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

Start Date: 2/15/2017 Analysis Date: 2/15/2017

Perfluorobutanesulfonic acid (PFBS): **<1.77 ng/L**
Perfluorohexanesulfonic acid (PFHxS): **<1.89 ng/L**
Perfluoroheptanoic acid (PFHpA): **<2.00 ng/L**
Perfluorooctanoic acid (PFOA): **<2.00 ng/L**
Perfluorooctanesulfonic acid (PFOS): **<1.91 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.

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END OF REPORT

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CLIA# 33D2005937

Griffin Laboratory
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CLIA# 33D2005935

Report No: **EHS1700008707-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

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REQUESTED BY: DIRECTOR-WCENVIRO

DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Submitter's Reference Number: HFC

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T. VICKERSON
Collected by:

Grab/Collection Date: 02/14/2017 07:45

Date received: 02/14/2017 13:15

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: HIGH CAPACITY GAC INFLUENT
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: EHS1700008707-01

Sample Type: Finished Water

Received Temperature (°C): **10.1**

Received State: **Cooling**

Lab Tracking Id: HFC

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

Start Date: 2/15/2017 Analysis Date: 2/15/2017

Perfluorobutanesulfonic acid (PFBS): **<1.77 ng/L**

Perfluorohexanesulfonic acid (PFHxS): **<1.89 ng/L**

Perfluoroheptanoic acid (PFHpA): **12.0 ng/L**

Perfluorooctanoic acid (PFOA): **458 ng/L**

NYSELAP

Perfluorooctanesulfonic acid (PFOS): **4.13 ng/L**

NYSELAP

Perfluorononanoic acid (PFNA): **<2.00 ng/L**

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: **EHS1700008712-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

REQUESTED BY: DIRECTOR-WCENVIRO

DIRECTOR'S OFFICE
DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
Submitted by: TIM VICKERSON
Collected by:

Submitter's Reference Number: FRB

Grab/Collection Date: 02/14/2017
Date received: 02/14/2017 13:15

Location/Project/Facility Name: FIELD REAGENT BLANK

Sampling Location Details: PREPARED ON: 2/10/17 WITH SAMPLE(S): EHS1700008705 - 08711

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: EHS1700008712-01

Sample Type: Field Blank

Received Temperature (°C): **9.7**

Lab Tracking Id: FRB

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

Start Date: 2/15/2017 Analysis Date: 2/15/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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

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: **EHS1700008713-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

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WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
Submitted by: RYAN MINZLOFF
Collected by:

Submitter's Reference Number: LRB

Grab/Collection Date: 02/14/2017
Date received: 02/14/2017 13:15

Location/Project/Facility Name: LABORATORY REAGENT BLANK

Sampling Location Details: PREPARED ON: 2/14/17 - EXTRACTED WITH: EHS1700008705 -8712

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: EHS1700008713-01

Sample Type: Method Blank

Lab Tracking Id: LRB

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

Start Date: 2/15/2017 Analysis Date: 2/15/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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.

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CLIA# 33D2005937

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

Report No: **EHS1700010429-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

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WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T. VICKERSON
Collected by:

Submitter's Reference Number: HF1

Grab/Collection Date: 02/23/2017 09:15

Date received: 02/23/2017 15:10

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: HIGH CAPACITY GAC EFFLUENT
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: EHS1700010429-01

Sample Type: Finished Water

Received Temperature (°C): **7.2**

Lab Tracking Id: HF1

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

Start Date: 2/24/2017 Analysis Date: 2/24/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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

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New York State Department of Health Wadsworth Center

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Slingerlands, NY 12159
CLIA# 33D2005935

Report No: **EHS1700010430-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

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PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T VICKERSON
Collected by:

Submitter's Reference Number: HF2

Grab/Collection Date: 02/23/2017 09:15
Date received: 02/23/2017 15:10

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: FULL CAPACITY GAC MIDWAY

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: EHS1700010430-01

Sample Type: Finished Water

Received Temperature (°C): **7.6**

Lab Tracking Id: HF2

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

Start Date: 2/24/2017 Analysis Date: 2/24/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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

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

Report No: **EHS1700010431-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

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DIVISION OF ENVIRONMENTAL HEALTH SCIENCES
WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Submitter's Reference Number: HF3

Wadsworth Center - Environmental Labs

County: RENSSELAER
City (or) Town: HOOSICK FALLS
Submitted by: T VICKERSON
Collected by:

Grab/Collection Date: 02/23/2017 09:15

Date received: 02/23/2017 15:10

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS
Sampling Location Details: FULL CAPACITY GAC INFLUENT
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: EHS1700010431-01

Sample Type: Finished Water

Received Temperature (°C): **7.3**

Lab Tracking Id: HF3

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

Start Date: 2/24/2017 Analysis Date: 2/24/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	11.6 ng/L
Perfluorooctanoic acid (PFOA):	424 ng/L
Perfluorooctanesulfonic acid (PFOS):	5.90 ng/L
Perfluorononanoic acid (PFNA):	2.11 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.

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END OF REPORT

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New York State Department of Health Wadsworth Center

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CLIA# 33D0654341

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120 New Scotland Avenue
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Griffin Laboratory
5668 State Farm Road
Slingerlands, NY 12159
CLIA# 33D2005935

Report No: **EHS1700010435-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

Report retrieved via NYSDOH Health Commerce System by lrw03 on 03/09/2017

REQUESTED BY: DIRECTOR-WCENVIRO

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WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
Submitted by: T VICKERSON
Collected by:

Submitter's Reference Number: FRB

Grab/Collection Date: **02/22/2017**
Date received: **02/23/2017 15:10**

Location/Project/Facility Name: FIELD REAGENT BLANK

Sampling Location Details: PREPARED ON: 02/22/17 - WITH SAMPLE(S): EHS1700010429 - 10434

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: EHS1700010435-01

Sample Type: Field Blank

Received Temperature (°C): **7.7**

Lab Tracking Id: FRB

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

Start Date: 2/24/2017 Analysis Date: 2/24/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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

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New York State Department of Health Wadsworth Center

Biggs Laboratory
PO Box 509
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CLIA# 33D0654341

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

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

Report No: **EHS1700010436-SR-1**

Page 1 of 1

Report Date: **03/02/2017**

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WADSWORTH CENTER
PO BOX 509
EMPIRE STATE PLAZA
ALBANY NY 12201-0509

Wadsworth Center - Environmental Labs

County: RENSSELAER
Submitted by: J. WINERITER
Collected by:

Submitter's Reference Number: LRB

Grab/Collection Date: 02/23/2017
Date received: 02/23/2017 15:10

Location/Project/Facility Name: LABORATORY REAGENT BLANK

Sampling Location Details: PREPARED ON: 02/23/17 - EXTRACTED WITH: EHS1700010429 - 10435

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: EHS1700010436-01

Sample Type: Method Blank

Lab Tracking Id: LRB

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

Start Date: 2/24/2017 Analysis Date: 2/24/2017

Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 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.

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