

# 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: **EHS1800003179-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: HF4

Grab/Collection Date: **01/18/2018 10:15**  
Date received: **01/18/2018 16:00**

**OUTBREAK #: HFPFOA**

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAC UNIT INFLUENT TO GAC  
HOOSICK FALLS NY  
Chlorinated: Yes

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003179-01

Sample Type: Finished Water

Received Temperature (°C): **10.6**

Lab Tracking Id: HF4

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

Start Date: 1/23/2018 Analysis Date: 1/23/2018

Perfluorobutanoic acid (PFBA):	<5.00 ng/L
Perfluoropentanoic acid (PFPeA):	2.93 ng/L
Perfluorohexanoic acid (PFHxA):	11.0 ng/L
Perfluoroheptanoic acid (PFHpA):	9.64 ng/L
Perfluorooctanoic acid (PFOA):	384 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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**NOTES:**

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

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**Wadsworth Center**

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Report No: **EHS1800003179-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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**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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CLIA# 33D2005935

Report No: **EHS1800002925-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002925-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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**Wadsworth Center - Environmental Labs**

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

Submitter's Reference Number: HF4

Grab/Collection Date: 01/18/2018 10:15  
Date received: 01/18/2018 16:00

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAC UNIT INFLUENT TO GAC  
HOOSICK FALLS NY  
Chlorinated: Yes

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002925-01

Sample Type: Finished Water

Received Temperature (°C): **10.6**

Lab Tracking Id: HF4

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**END OF REPORT**

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Report No: **EHS1800003177-SR-1**

Page 1 of 1

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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ALBANY NY 12201-0509

Submitter's Reference Number: HF2

**Wadsworth Center - Environmental Labs**

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

Grab/Collection Date: 01/18/2018 10:13

Date received: 01/18/2018 16:00

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAS UNIT MIDPOINT  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003177-01

Sample Type: Finished Water

Received Temperature (°C): **9.9**

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: 1/23/2018 Analysis Date: 1/23/2018

Perfluorobutanoic acid (PFBA):	5.53 ng/L
Perfluoropentanoic acid (PFPeA):	<2.00 ng/L
Perfluorohexanoic acid (PFHxA):	<2.00 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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

**END OF REPORT**

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Report No: **EHS1800002923-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002923-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

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**Wadsworth Center - Environmental Labs**

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

Submitter's Reference Number: HF2

Grab/Collection Date: 01/18/2018 10:13  
Date received: 01/18/2018 16:00

**OUTBREAK #: HFPFOA**

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAC UNIT MIDPOINT  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002923-01

Sample Type: Finished Water

Received Temperature (°C): **9.9**

Lab Tracking Id: HF2

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonanoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

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Report No: **EHS1800003178-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

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**Wadsworth Center - Environmental Labs**

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

Submitter's Reference Number: HF3

Grab/Collection Date: 01/18/2018 10:14  
Date received: 01/18/2018 16:00

**OUTBREAK #: HFPFOA**

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAC UNIT MIDPOINT DUPLICATE  
HOOSICK FALLS NY

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003178-01

Sample Type: Finished Water

Received Temperature (°C): **10.8**

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: 1/23/2018 Analysis Date: 1/23/2018

Perfluorobutanoic acid (PFBA):	<b>6.01 ng/L</b>
Perfluoropentanoic acid (PFPeA):	<b>&lt;2.00 ng/L</b>
Perfluorohexanoic acid (PFHxA):	<b>&lt;2.00 ng/L</b>
Perfluoroheptanoic acid (PFHpA):	<b>&lt;2.00 ng/L</b>
Perfluorooctanoic acid (PFOA):	<b>&lt;2.00 ng/L</b>
Perfluorononanoic acid (PFNA):	<b>&lt;2.00 ng/L</b>
Perfluorodecanoic acid (PFDA):	<b>&lt;2.00 ng/L</b>
Perfluoroundecanoic acid (PFUnA):	<b>&lt;5.00 ng/L</b>
Perfluorododecanoic acid (PFDoA):	<b>&lt;5.00 ng/L</b>
Perfluoropropanesulfonic acid (PFPrS):	<b>&lt;1.83 ng/L</b>
Perfluorobutanesulfonic acid (PFBS):	<b>&lt;1.77 ng/L</b>
Perfluoropentanesulfonic acid (PFPeS):	<b>&lt;1.88 ng/L</b>
Perfluorohexanesulfonic acid (PFHxS):	<b>&lt;1.89 ng/L</b>
Perfluoroheptanesulfonic acid (PFHpS):	<b>&lt;1.90 ng/L</b>
Perfluorooctanesulfonic acid (PFOS):	<b>&lt;1.91 ng/L</b>
Perfluorooctanesulfonamide (PFOSA):	<b>&lt;5.00 ng/L</b>

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**NOTES:**

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

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Report No: **EHS1800003178-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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CLIA# 33D2005935

Report No: **EHS1800002924-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002924-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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  
City (or) Town: HOOSICK FALLS  
Submitted by: T. VICKERSON

Submitter's Reference Number: HF3

Grab/Collection Date: 01/18/2018 10:14  
Date received: 01/18/2018 16:00

OUTBREAK #: HFPFOA

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAC UNIT MIDPOINT DUPLICATE  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002924-01

Sample Type: Finished Water

Received Temperature (°C): **10.8**

Lab Tracking Id: HF3

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**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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CLIA# 33D2005935

Report No: **EHS1800003176-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

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**REQUESTED BY: DIRECTOR-WCENVIRO**

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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: **01/18/2018 10:12**

Date received: **01/18/2018 16:00**

**OUTBREAK #: HFPFOA**

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAC UNIT EFFLUENT  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003176-01

Sample Type: Finished Water

Received Temperature (°C): **10.7**

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: 1/23/2018 Analysis Date: 1/23/2018

Perfluorobutanoic acid (PFBA):	<5.00 ng/L
Perfluoropentanoic acid (PFPeA):	<2.00 ng/L
Perfluorohexanoic acid (PFHxA):	<2.00 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

NYSELAP

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**NOTES:**

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

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Wadsworth Center**

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Report No: **EHS1800003176-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

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Report No: **EHS1800002922-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002922-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

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**Wadsworth Center - Environmental Labs**

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

Submitter's Reference Number: HF1

Grab/Collection Date: 01/18/2018 10:12  
Date received: 01/18/2018 16:00

**OUTBREAK #: HFPFOA**

Location/Project/Facility Name: NY4100041, HOOSICK FALLS (V) PWS - HOOSICK FALLS  
Sampling Location Details: GAC UNIT EFFLUENT  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002922-01

Sample Type: Finished Water

Received Temperature (°C): **10.7**

Lab Tracking Id: HF1

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

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Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**END OF REPORT**

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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: **EHS1800003168-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A PERRETTA  
Collected by:

Submitter's Reference Number: MW - 03

Grab/Collection Date: 01/18/2018 12:18  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
Sampling Location Details: MW - 03  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003168-01

Sample Type: Raw Water

Received Temperature (°C): **12.2**

Lab Tracking Id: MW-03

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

Start Date: 1/23/2018 Analysis Date: 1/24/2018

Perfluorobutanoic acid (PFBA):	20.0 ng/L
Perfluoropentanoic acid (PFPeA):	32.4 ng/L
Perfluorohexanoic acid (PFHxA):	90.8 ng/L
Perfluoroheptanoic acid (PFHpA):	106 ng/L
Perfluorooctanoic acid (PFOA):	5350 ng/L
Perfluorononanoic acid (PFNA):	8.75 ng/L
Perfluorodecanoic acid (PFDA):	3.94 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	1.78 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	3.63 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

NYSELAP

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**NOTES:**

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

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: **EHS1800003168-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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**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: **EHS1800002927-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002927-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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  
Submitted by: A.PERRETTA  
Collected by: A.PERRETTA

Submitter's Reference Number: MW-03

Grab/Collection Date: 01/18/2018 12:18  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
Sampling Location Details: MW-03  
MCCAFFERY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002927-01

Sample Type: Raw Water

Received Temperature (°C): **16.1**

Lab Tracking Id: MW-03

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**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: **EHS1800003170-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A. PERRETTA  
Collected by:

Submitter's Reference Number: MW - 10

Grab/Collection Date: 01/18/2018 13:45  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003170-01

Sample Type: Raw Water

Received Temperature (°C): **10.9**

Lab Tracking Id: MW-10

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

Start Date: 1/23/2018 Analysis Date: 1/24/2018

Perfluorobutanoic acid (PFBA):	22.6 ng/L
Perfluoropentanoic acid (PFPeA):	33.9 ng/L
Perfluorohexanoic acid (PFHxA):	88.1 ng/L
Perfluoroheptanoic acid (PFHpA):	111 ng/L
Perfluorooctanoic acid (PFOA):	7790 ng/L
Perfluorononanoic acid (PFNA):	7.11 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	1.94 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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**NOTES:**

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

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: **EHS1800003170-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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**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  
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CLIA# 33D2005937

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

Report No: **EHS1800002918-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002918-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A. PERRETTA

Submitter's Reference Number: mw - 10

Grab/Collection Date: 01/18/2018 13:45  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002918-01

Sample Type: Raw Water

Received Temperature (°C): **10.9**

Lab Tracking Id: MW-10

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/22/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L; Test associated with low surrogate recovery; results may be biased low.**

Dodecafluoro-3H-4,8-dioxanonanoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**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  
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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: **EHS1800003169-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A. PERRETTA  
Collected by:

Submitter's Reference Number: MW - 15

Grab/Collection Date: 01/18/2018 13:25  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003169-01

Sample Type: Raw Water

Received Temperature (°C): **11.4**

Lab Tracking Id: MW-15

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

Start Date: 1/23/2018 Analysis Date: 1/24/2018

Perfluorobutanoic acid (PFBA):	25.3 ng/L
Perfluoropentanoic acid (PFPeA):	35.5 ng/L
Perfluorohexanoic acid (PFHxA):	111 ng/L
Perfluoroheptanoic acid (PFHpA):	137 ng/L
Perfluorooctanoic acid (PFOA):	5960 ng/L
Perfluorononanoic acid (PFNA):	4.10 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

NYSELAP

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**NOTES:**

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

New York State Department of Health  
**Wadsworth Center**

Biggs Laboratory  
PO Box 509  
Albany, NY 12201  
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: **EHS1800003169-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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**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: **EHS1800002919-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002919-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A.PERRETTA

Submitter's Reference Number: mw - 15

Grab/Collection Date: 01/18/2018 13:25  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002919-01

Sample Type: Raw Water

Received Temperature (°C): **11.4**

Lab Tracking Id: MW-15

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/22/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonanoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**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

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Albany, NY 12208  
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Report No: **EHS1800003166-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A. PERRETTA  
Collected by:

Submitter's Reference Number: MW-29

Grab/Collection Date: 01/18/2018 10:35  
Date received: 01/18/2018 16:00

OUTBREAK #: HFPFOA

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003166-01

Sample Type: Raw Water

Received Temperature (°C): **11.8**

Lab Tracking Id: MW-29

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

Start Date: 1/23/2018 Analysis Date: 1/24/2018

Perfluorobutanoic acid (PFBA):	7.61 ng/L
Perfluoropentanoic acid (PFPeA):	8.59 ng/L
Perfluorohexanoic acid (PFHxA):	29.6 ng/L
Perfluoroheptanoic acid (PFHpA):	24.6 ng/L
Perfluorooctanoic acid (PFOA):	1120 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	2.40 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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**NOTES:**

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

# New York State Department of Health Wadsworth Center

Biggs Laboratory  
PO Box 509  
Albany, NY 12201  
CLIA# 33D0654341

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Albany, NY 12208  
CLIA# 33D2005937

Griffin Laboratory  
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Slingerlands, NY 12159  
CLIA# 33D2005935

Report No: **EHS1800003166-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

---

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

<b>END OF REPORT</b>
----------------------

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  
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CLIA# 33D2005937

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

Report No: **EHS1800002920-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002920-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A. PERRETTA

Submitter's Reference Number: mw - 29

Grab/Collection Date: 01/18/2018 10:35  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002920-01

Sample Type: Raw Water

Received Temperature (°C): **11.8**

Lab Tracking Id: MW-29

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonanoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**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: **EHS1800003167-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A. PERRETTA  
Collected by:

Submitter's Reference Number: Duplicate 2

Grab/Collection Date: 01/18/2018 10:35  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
Sampling Location Details: DUPLICATE 2 OF MW - 29  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003167-01

Sample Type: Raw Water

Received Temperature (°C): 12.5

Lab Tracking Id: DUPLICATE 2

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

Start Date: 1/23/2018 Analysis Date: 1/24/2018

Perfluorobutanoic acid (PFBA):	7.47 ng/L
Perfluoropentanoic acid (PFPeA):	8.71 ng/L
Perfluorohexanoic acid (PFHxA):	30.4 ng/L
Perfluoroheptanoic acid (PFHpA):	25.0 ng/L
Perfluorooctanoic acid (PFOA):	1010 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	2.43 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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**NOTES:**

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



New York State Department of Health  
**Wadsworth Center**

Biggs Laboratory  
PO Box 509  
Albany, NY 12201  
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: **EHS1800003167-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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

Report No: **EHS1800002921-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002921-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: A. PERRETTA

Submitter's Reference Number: Duplicate 2

Grab/Collection Date: 01/18/2018 10:35  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: 442046 - SAINT-GOBAIN MCCAFFREY STREET, RENSSELAER COUNTY, HOOSICK FALLS, NY 12090  
Sampling Location Details: DUPLICATE 2 OF MW - 29  
MCCAFFREY STREET  
HOOSICK FALLS NY  
Chlorinated: No

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002921-01

Sample Type: Raw Water

Received Temperature (°C): **12.5**

Lab Tracking Id: DUPLICATE 2

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 - heptafluoro propoxy)-propanoic acid (CASRN 13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonoate (CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN 863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid (CASRN 801212-59-9): **<25 ng/L**

**NOTES:**

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

**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  
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CLIA# 33D2005937

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

Report No: **EHS1800003180-SR-1**

Page 1 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: LOAC-QAQC  
Collected by:

Submitter's Reference Number: FRB - HF

Grab/Collection Date: 01/18/2018  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: FIELD REAGENT BLANK

Sampling Location Details: PREPARED ON: 1/16/18 WITH SAMPLE(S): EHS1800002918 - 2927

## FINAL LABORATORY REPORT

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003180-01

Sample Type: Field Blank

Received Temperature (°C): **13.3**

Lab Tracking Id: FRBHF

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

Start Date: 1/23/2018 Analysis Date: 1/23/2018

Perfluorobutanoic acid (PFBA):	<5.00 ng/L
Perfluoropentanoic acid (PFPeA):	<2.00 ng/L
Perfluorohexanoic acid (PFHxA):	<2.00 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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**NOTES:**

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

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

**END OF REPORT**

# 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: **EHS1800002926-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800002926-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: LOAC-QAQC  
Collected by: LOAC-QAQC

Submitter's Reference Number: FRB-HF

Grab/Collection Date: 01/18/2018  
Date received: 01/18/2018 16:00

Location/Project/Facility Name: FIELD REAGENT BLANK

Sampling Location Details: PREPARED ON: 1/16/18 WITH SAMPLES: EHS1800002918-2927

## FINAL LABORATORY REPORT

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800002926-01

Sample Type: Field Blank

Received Temperature (°C): **13.3**

Lab Tracking Id: FRB-HF

### Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry (UPLC-MS/MS)

Start Date: 1/19/2018 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 -  
heptafluoro propoxy)-propanoic acid (CASRN  
13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonanoate  
(CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN  
863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-  
73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid  
(CASRN 801212-59-9): **<25 ng/L**

#### NOTES:

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

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

Report No: **EHS1800003187-SR-1**

Page 1 of 1

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**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: LOAC-QAQC  
Collected by:

Submitter's Reference Number: LRB1

Grab/Collection Date: 01/22/2018  
Date received: 01/22/2018 11:00

Location/Project/Facility Name: LABORATORY REAGENT BLANK

Sampling Location Details: PREPARED ON: 1/22/18 EXTRACTED WITH: EHS1800003166 - 3170 & EHS1800003176 - 3180

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003187-01

Sample Type: Method Blank

Lab Tracking Id: LRB1

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

Start Date: 1/23/2018 Analysis Date: 1/23/2018

Perfluorobutanoic acid (PFBA):	<5.00 ng/L
Perfluoropentanoic acid (PFPeA):	<2.00 ng/L
Perfluorohexanoic acid (PFHxA):	<2.00 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	<2.00 ng/L
Perfluorononanoic acid (PFNA):	<2.00 ng/L
Perfluorodecanoic acid (PFDA):	<2.00 ng/L
Perfluoroundecanoic acid (PFUnA):	<5.00 ng/L
Perfluorododecanoic acid (PFDoA):	<5.00 ng/L
Perfluoropropanesulfonic acid (PFPrS):	<1.83 ng/L
Perfluorobutanesulfonic acid (PFBS):	<1.77 ng/L
Perfluoropentanesulfonic acid (PFPeS):	<1.88 ng/L
Perfluorohexanesulfonic acid (PFHxS):	<1.89 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	<1.91 ng/L
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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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  
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CLIA# 33D0654341

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Albany, NY 12208  
CLIA# 33D2005937

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

Report No: **EHS1800003180-SR-1**

Page 2 of 2

Report Date: **02/06/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

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# New York State Department of Health Wadsworth Center

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Albany, NY 12208  
CLIA# 33D2005937

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

Report No: **EHS1800003050-SR-2**

Page 1 of 1

**\*\*Replaces information in report No: EHS1800003050-SR-1 (Report Date: 01/26/2018)**

Report Date: **02/07/2018**

Report retrieved via NYSDOH Health Commerce System by czd01 on 02/09/2018

**REQUESTED BY: DIRECTOR-WCENVIRO**

**Wadsworth Center - Environmental Labs**

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

County: RENSSELAER  
Submitted by: LOAC - QAQC

Submitter's Reference Number: LRB 1

Grab/Collection Date: 01/19/2018  
Date received: 01/19/2018 09:50

Location/Project/Facility Name: LABORATORY REAGENT BLANK

Sampling Location Details: PREPARED ON: 1/19/18 EXTRACTED WITH: EHS1800002918 - 2926

**FINAL LABORATORY REPORT**

**Biggs Laboratory**  
**NYS ELAP ID: 10763**

Laboratory of Organic Analytical Chemistry  
Lab Director: Dr. David Spink  
Contact: Nicole Cairns 518-473-0323

Sample Id: EHS1800003050-01

Sample Type: Method Blank

Lab Tracking Id: LFB1

**Perfluoroalkyl Ether Carboxylic Acids (PFECAs) in Drinking Water by Ultra Performance Liquid Chromatography  
Tandem Mass Spectrometry (UPLC-MS/MS)**

Start Date: 01/19/18 13:10 Analysis Date: 1/23/2018

2,3,3,3 - tetrafluoro-2-(1,1,2,2,3,3,3 -  
heptafluoro propoxy)-propanoic acid (CASRN  
13252-13-6): **<30.7 ng/L**

Dodecafluoro-3H-4,8-dioxanonoate  
(CASRN 958445-44-8): **<25 ng/L**

Perfluoro(4-oxapentanoic) acid (CASRN  
863090-89-5): **<25 ng/L**

Perfluoro(3-oxabutanoic) acid (CASRN 377-  
73-1): **<25 ng/L**

Perfluoro(5-oxa-6-dimethylhexanoic) acid  
(CASRN 801212-59-9): **<25 ng/L**

**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.