

For the purposes of interpreting the test values shown in the following laboratory results, please see the example below:

For example, in the test results for the sample taken from the Butter Hill WFP Entry Point on 9/27/18 and reported on 10/9/2018 (which results were subsequently provided by NYSDOH to the Town, in writing, on 4/4/19), the reported value of <2.00 ng/l for PFOA means the lab was able to test for this substance down to that level and found no traces of PFOA in this sample of the water.

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: **EHS1900010634-SR-1**

Page 1 of 2

Report Date: **03/04/2019**

Report retrieved via NYSDOH Health Commerce System by ytm01 on 03/14/2019

REQUESTED BY: DIRECTOR-CEHBWSPDIR

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

BWSP - Director

County: ORANGE
City (or) Town: NEW WINDSOR
Submitted by: DON LIPTON
Collected by: DON LIPTON

Grab/Collection Date: 02/20/2019 10:20
Date received: 02/21/2019 10:30

Additional Info: FINISHED WATER SUPPLY FROM WELL #3 ONLY

Location/Project/Facility Name: NY3503580, NEW WINDSOR CONSOLIDATED WD - NEW WINDSOR (T)
Sampling Location Details: BUTTERHILL WTP, FINISHED WATER TAP IN LAB ROOM
181 FORGE HILL RD.
NEW WINDSOR NY
Chlorinated: Yes
Field Free Chlorine Residual (mg/L): 0.8

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: EHS1900010634-01

Sample Type: Finished Water

Received Temperature (°C): **4.8**

Lab Tracking Id: DL-1

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

Start Date: 2/25/2019 Analysis Date: 2/26/2019

Perfluorobutanoic acid (PFBA):	<5.00 ng/L; Test associated with low internal standard recovery; result may be biased.
Perfluoropentanoic acid (PFPeA):	3.28 ng/L; Test associated with high internal standard recovery; result may be biased.
Perfluorohexanoic acid (PFHxA):	2.46 ng/L
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L
Perfluorooctanoic acid (PFOA):	3.33 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):	3.18 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	5.73 ng/L; Test associated with low internal standard recovery; result may be biased.
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

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Town of New Windsor Attorney's Office

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NOTES:

New York State Department of Health Wadsworth Center

Biggs Laboratory
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CLIA# 33D2005935

Report No: **EHS1900010637-SR-1**

Page 1 of 2

Report Date: **03/04/2019**

Report retrieved via NYSDOH Health Commerce System by ytm01 on 03/14/2019

REQUESTED BY: DIRECTOR-CEHBWSPDIR

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

BWSP - Director

County: ORANGE
City (or) Town: NEW WINDSOR
Submitted by: DON LIPTON
Collected by: DON LIPTON

Grab/Collection Date: 02/20/2019 10:25

Date received: 02/21/2019 10:30

Additional Info: **FINISHED WATER, SUPPLY FROM WELL #3**

Location/Project/Facility Name: NY3503580, NEW WINDSOR CONSOLIDATED WD - NEW WINDSOR (T)
Sampling Location Details: **BUTTERHILL WTP, FINISHED WATER TAP IN LAB ROOM**
181 FORGE HILL RD
Chlorinated: Yes
Field Free Chlorine Residual (mg/L): 0.8

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: EHS1900010637-01

Sample Type: Finished Water

Received Temperature (°C): **4.8**

Lab Tracking Id: DL-2

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

Start Date: 2/25/2019 Analysis Date: 2/26/2019

Perfluorobutanoic acid (PFBA):	<5.00 ng/L; Test associated with low internal standard recovery; result may be biased.	
Perfluoropentanoic acid (PFPeA):	3.98 ng/L	
Perfluorohexanoic acid (PFHxA):	2.81 ng/L	
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L	
Perfluorooctanoic acid (PFOA):	4.14 ng/L	NELAP
Perfluorononanoic acid (PFNA):	<2.00 ng/L	
Perfluorodecanonic acid (PFDA):	2.17 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):	3.53 ng/L	
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L	
Perfluorooctanesulfonic acid (PFOS):	6.93 ng/L; Test associated with low internal standard recovery; result may be biased.	NELAP
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L	

NOTES:

[1] DOH Unit and/or program missing or incorrect on the request for analysis form.

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: **EHS1900010641-SR-1**

Page 1 of 2

Report Date: **03/04/2019**

Report retrieved via NYSDOH Health Commerce System by ytm01 on 03/14/2019

REQUESTED BY: DIRECTOR-CEHBWSPDIR

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

BWSP - Director

County: ORANGE
City (or) Town: NEW WINDSOR
Submitted by: DON LIPTON
Collected by: DON LIPTON

Grab/Collection Date: 02/20/2019 11:20
Date received: 02/21/2019 10:30

Location/Project/Facility Name: NY3503580, NEW WINDSOR CONSOLIDATED WD - NEW WINDSOR (T)
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: EHS1900010641-01

Sample Type: Raw Water

Received Temperature (°C): 5.1

Lab Tracking Id: DL-6

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

Start Date: 2/25/2019 Analysis Date: 2/26/2019

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):	2.52 ng/L
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L
Perfluorooctanesulfonic acid (PFOS):	3.94 ng/L; Test associated with low internal standard recovery; result may be biased.
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

NELAP

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NOTES:

- [1] DOH Unit and/or program missing or incorrect on the request for analysis form.
- [2] Sampling location details were not recorded on the request for analysis form.

New York State Department of Health Wadsworth Center

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

Report No: **EHS1900010640-SR-1**

Page 1 of 2

Report Date: **03/04/2019**

Report retrieved via NYSDOH Health Commerce System by ytm01 on 03/14/2019

REQUESTED BY: DIRECTOR-CEHBWSPDIR

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

BWSP - Director

County: ORANGE
City (or) Town: NEW WINDSOR
Submitted by: DON LIPTON
Collected by: DON LIPTON

Grab/Collection Date: 02/20/2019 11:10
Date received: 02/21/2019 10:30

Location/Project/Facility Name: NY3503580, NEW WINDSOR CONSOLIDATED WD - NEW WINDSOR (T)
Sampling Location Details: **WELL #2 WELL HOUSE, RAW**
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: EHS1900010640-01

Sample Type: Raw Water

Received Temperature (°C): **3.9**

Lab Tracking Id: DL-5

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

Start Date: 2/25/2019 Analysis Date: 2/26/2019

Perfluorobutanoic acid (PFBA):	<5.00 ng/L; Test associated with low internal standard recovery; result may be biased.	
Perfluoropentanoic acid (PFPeA):	3.59 ng/L	
Perfluorohexanoic acid (PFHxA):	2.40 ng/L	
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L	
Perfluorooctanoic acid (PFOA):	3.27 ng/L	NELAP
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):	3.65 ng/L	
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L	
Perfluorooctanesulfonic acid (PFOS):	2.69 ng/L; Test associated with low internal standard recovery; result may be biased.	NELAP
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L	

NOTES:

- [1] DOH Unit and/or program missing or incorrect on the request for analysis form.

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CLIA# 33D2005935

Report No: **EHS1900010639-SR-1**

Page 1 of 2

Report Date: **03/04/2019**

Report retrieved via NYSDOH Health Commerce System by ytm01 on 03/14/2019

REQUESTED BY: DIRECTOR-CEHBWSPDIR

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

BWSP - Director

County: ORANGE
City (or) Town: NEW WINDSOR
Submitted by: DON LIPTON
Collected by: DON LIPTON

Grab/Collection Date: 02/20/2019 10:45
Date received: 02/21/2019 10:30

Location/Project/Facility Name: NY3503580, NEW WINDSOR CONSOLIDATED WD - NEW WINDSOR (T)
Sampling Location Details: **WELL #3 WELL HOUSE, RAW TAP**
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: EHS1900010639-01

Sample Type: Raw Water

Received Temperature (°C): **2.2**

Lab Tracking Id: DL-4

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

Start Date: 2/25/2019 Analysis Date: 2/26/2019

Perfluorobutanoic acid (PFBA):	<5.00 ng/L; Test associated with low internal standard recovery; result may be biased.	
Perfluoropentanoic acid (PFPeA):	3.28 ng/L	
Perfluorohexanoic acid (PFHxA):	2.56 ng/L	
Perfluoroheptanoic acid (PFHpA):	<2.00 ng/L	
Perfluorooctanoic acid (PFOA):	3.49 ng/L	NELAP
Perfluorononanoic acid (PFNA):	<2.00 ng/L	
Perfluorodecanoic acid (PFDA):	<2.00 ng/L; Test associated with low internal standard recovery; result may be biased.	
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):	3.16 ng/L	
Perfluoroheptanesulfonic acid (PFHpS):	<1.90 ng/L	
Perfluorooctanesulfonic acid (PFOS):	6.42 ng/L; Test associated with low internal standard recovery; result may be biased.	NELAP
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L; Test associated with high internal standard recovery; result may be biased.	

NOTES:

[1] DOH Unit and/or program missing or incorrect on the request for analysis form.

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: **EHS1900010638-SR-1**

Page 1 of 2

Report Date: **03/04/2019**

Report retrieved via NYSDOH Health Commerce System by ytm01 on 03/14/2019

REQUESTED BY: DIRECTOR-CEHBWSPDIR

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

BWSP - Director

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

Submitter's Reference Number: FRB DL-3

Grab/Collection Date: 02/20/2019
Date received: 02/21/2019 10:30

Location/Project/Facility Name: **FIELD REAGENT BLANK**

Sampling Location Details: PREPARED ON: 1/9/19 WITH SAMPLE(S): EHS1900010634 - 10641

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: EHS1900010638-01

Sample Type: Field Blank

Received Temperature (°C): **4.7**

Lab Tracking Id: DL-3

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

Start Date: 2/25/2019 Analysis Date: 2/26/2019

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; Test associated with low internal standard recovery; result may be biased.
Perfluorooctanesulfonamide (PFOSA):	<5.00 ng/L

NELAP

NELAP

NOTES:

[1] DOH Unit and/or program missing or incorrect on the request for analysis form.

NELAP: National Environmental Laboratory Approval Program Accreditation

END OF REPORT