



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

Laboratory Report

Merrimack Village Dist
2 Greens Pond Rd
Merrimack, NH 03054

Date Printed: 11/02/2024
Work Order #: 2410-05017
Client Job #:
Date Received: 10/23/2024
Sample collected in: New Hampshire

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of the analyzing laboratory's Quality Assurance Plan, Standard Operating Procedures and State Accreditation. This certificate shall not be reproduced, except in full, without the written approval of the analyzing laboratory. The results presented in this report relate to the samples listed on the following pages in the condition in which they were received. Accreditation for each analyte is identified by the * symbol following the analyte name. Location of our analyzing laboratory is identified by the code in the Analyst Column.

A & L Laboratory:
Identified by ME in Analyst Column
155 Center Street, Auburn, Maine 04210
www.allaboratory.com

Granite State Analytical Services LLC:
Identified by NH in Analyst Column
22 Manchester Road, Derry, NH 03038
www.granitestateanalytical.com

Nashoba Analytical:
Identified by MA in the Analyst Column
31A Willow Road, Ayer, MA 01432
www.nashobaanalytical.com

ANALYSIS RELATED NOTES:

- RL: "Reporting limit" means the lowest level of an analyte that can be accurately recovered from the matrix of interest.
- DF: "Dilution factor" means the ratio of the volume of the sample to the volume of the final (dilute) solution.
- MDL: "Minimum Detection Limit" means the minimum result which can be reliably discriminated from a blank with a predetermined confidence level.
- A & L Laboratory / Granite State Analytical Services LLC / Nashoba Analytical. accreditation lists can be found on our websites listed above.
- Subcontracted samples will be identified by the Accreditation number of the subcontract laboratory in the analyst field for each analyte and the appropriate laboratory will be listed here. **None**
- Data Qualifiers (DQ) Flags provide additional information in regards to the receipt, analysis or quality control of a sample. These are indicated under the DQ Flags Column on your report and listed here if necessary: **Data Qualifier (DQ) Flags: \$ = Surrogate result outside control limits., J = Estimated concentration.**

SAMPLE STATE SPECIFIC NOTES:

Additional Narrative or Comments: **\$ - Matrix effect, confirmed by re-extraction and re-analysis.**

We appreciate the opportunity to provide you with laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be happy to assist you.



Donald A. D'Anjou, Ph. D.
Laboratory Director

A & L Laboratory: Accreditations: Maine ME00021, New Hampshire 2501, Maine Radon Registration ID # SPC20
Granite State Analytical Services, LLC: Accreditations: New Hampshire 1015; Maine NH00003;
Massachusetts M-NH0003; Rhode Island 101513; Vermont VT-101507
Nashoba Analytical: Accreditations: Massachusetts M-MA1118



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-001
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-008 (MVD-2)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 01:40PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroicosafuoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/25/2024 07:35AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorobutanesulfonic Acid (PFBS)*	4.38	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorobutanoic Acid (PFBA)*	3.52	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-001
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-008 (MVD-2)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 01:40PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoroheptanoic acid (PFHpA)*	4.05	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorohexanesulfonic Acid (PFHxS)*	1.20	ng/L	✓	J	2.00	18 ng/L	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorohexanoic acid (PFHxA)*	5.24	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorooctanesulfonic acid (PFOS)*	2.33	ng/L	✓		2.00	15 ng/L	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluorooctanoic acid (PFOA)*	19.4	ng/L	✕		2.00	12 ng/L	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoropentanoic acid (PFPeA)*	4.34	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:00PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	64	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	75	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	72	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	69	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	71	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-001
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-008 (MVD-2)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 01:40PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	76	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	73	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[13C8]octanoic acid	70	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Perfluoro-n-[13C9]nonanoic acid	70	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	73	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	97	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	65	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Sodium perfluoro-[13C8]octanesulfonate	89	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	90	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	85	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:00PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-002
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-012 (MVD 9)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE & TIME COLLECTED: 10/22/2024 01:42PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/25/2024 07:35AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorobutanesulfonic Acid (PFBS)*	2.86	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorobutanoic Acid (PFBA)*	1.96	ng/L		J	2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-002
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-012 (MVD 9)

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 01:42PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoroheptanoic acid (PFHpA)*	1.57	ng/L		J	2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorohexanesulfonic Acid (PFHxS)*	0.813	ng/L	✓	J	2.00	18 ng/L	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorohexanoic acid (PFHxA)*	2.08	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorooctanesulfonic acid (PFOS)*	1.59	ng/L	✓	J	2.00	15 ng/L	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluorooctanoic acid (PFOA)*	8.97	ng/L	✓		2.00	12 ng/L	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoropentanoic acid (PFPeA)*	1.64	ng/L		J	2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:14PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	78	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	87	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	85	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	86	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	88	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-002
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-012 (MVD 9)

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 01:42PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	100	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	90	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	89	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[13C8]octanoic acid	86	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Perfluoro-n-[13C9]nonanoic acid	85	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	83	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	134	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	76	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Sodium perfluoro-[13C8]octanesulfonate	101	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	102	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	97	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:14PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-003
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-512 (TP-2/9)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE & TIME COLLECTED: 10/22/2024 02:00PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/29/2024 11:30AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorobutanesulfonic Acid (PFBS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorobutanoic Acid (PFBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-003
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-512 (TP-2/9)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 02:00PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoroheptanoic acid (PFHpA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorohexanesulfonic Acid (PFHxS)*	<2.00	ng/L	✓		2.00	18 ng/L	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorohexanoic acid (PFHxA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorooctanesulfonic acid (PFOS)*	<2.00	ng/L	✓		2.00	15 ng/L	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluorooctanoic acid (PFOA)*	<2.00	ng/L	✓		2.00	12 ng/L	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoropentanoic acid (PFPeA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 10:48AM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	68	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	60	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	53	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	82	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	72	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-003
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-512 (TP-2/9)

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 02:00PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	70	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[1,2-13C2]dodecanoic acid	70	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[13C8]octanoic acid	59	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Perfluoro-n-[13C9]nonanoic acid	54	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	91	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	96	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	91	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Sodium perfluoro-[13C8]octanesulfonate	104	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	106	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	106	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 10:48AM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-004
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-011 (MVD-4R)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE & TIME COLLECTED: 10/22/2024 03:00PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/25/2024 07:35AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorobutanesulfonic Acid (PFBS)*	7.51	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorobutanoic Acid (PFBA)*	6.88	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-004
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-011 (MVD-4R)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 03:00PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoroheptanoic acid (PFHpA)*	17.8	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorohexanesulfonic Acid (PFHxS)*	2.95	ng/L	✓		2.00	18 ng/L	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorohexanoic acid (PFHxA)*	22.5	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorononanoic acid (PFNA)*	0.823	ng/L	✓	J	2.00	11 ng/L	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorooctanesulfonic acid (PFOS)*	5.33	ng/L	✓		2.00	15 ng/L	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluorooctanoic acid (PFOA)*	107	ng/L	✕		2.00	12 ng/L	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoropentanesulfonic acid (PFPeS)*	0.763	ng/L		J	2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoropentanoic acid (PFPeA)*	14.2	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:41PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	61	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	64	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	57	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	70	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	72	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-004
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-011 (MVD-4R)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 03:00PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	76	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	69	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	71	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[13C8]octanoic acid	62	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Perfluoro-n-[13C9]nonanoic acid	59	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	76	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	103	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	70	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Sodium perfluoro-[13C8]octanesulfonate	98	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	97	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	95	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:41PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-005
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-005 (MVD-5)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE & TIME COLLECTED: 10/22/2024 03:01PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/25/2024 07:35AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorobutanesulfonic Acid (PFBS)*	5.96	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorobutanoic Acid (PFBA)*	5.49	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-005
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-005 (MVD-5)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 03:01PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoroheptanoic acid (PFHpA)*	12.1	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorohexanesulfonic Acid (PFHxS)*	2.65	ng/L	✓		2.00	18 ng/L	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorohexanoic acid (PFHxA)*	15.7	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorooctanesulfonic acid (PFOS)*	2.45	ng/L	✓		2.00	15 ng/L	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluorooctanoic acid (PFOA)*	64.6	ng/L	✕		2.00	12 ng/L	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoropentanesulfonic acid (PFPeS)*	0.624	ng/L		J	2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoropentanoic acid (PFPeA)*	11.9	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 04:55PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	70	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	83	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-005
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-005 (MVD-5)

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 03:01PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	83	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	81	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	87	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[13C8]octanoic acid	77	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Perfluoro-n-[13C9]nonanoic acid	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	104	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	73	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Sodium perfluoro-[13C8]octanesulfonate	100	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	100	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	97	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 04:55PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-006
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-509 (TP-4/5)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE & TIME COLLECTED: 10/22/2024 02:50PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/29/2024 11:30AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorobutanesulfonic Acid (PFBS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorobutanoic Acid (PFBA)*	7.91	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-006
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-509 (TP-4/5)

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 02:50PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoroheptanoic acid (PFHpA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorohexanesulfonic Acid (PFHxS)*	<2.00	ng/L	✓		2.00	18 ng/L	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorohexanoic acid (PFHxA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorooctanesulfonic acid (PFOS)*	<2.00	ng/L	✓		2.00	15 ng/L	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluorooctanoic acid (PFOA)*	<2.00	ng/L	✓		2.00	12 ng/L	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoropentanoic acid (PFPeA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/31/2024 11:01AM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	50	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	74	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	67	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	59	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	55	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-006
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-509 (TP-4/5)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 02:50PM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	52	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	57	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[1,2-13C2]dodecanoic acid	81	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[13C8]octanoic acid	58	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Perfluoro-n-[13C9]nonanoic acid	64	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	91	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	98	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	94	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Sodium perfluoro-[13C8]octanesulfonate	108	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	107	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	109	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/31/2024 11:01AM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-007
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-007 (MVD-7)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE & TIME COLLECTED: 10/22/2024 11:05AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/25/2024 07:35AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorobutanesulfonic Acid (PFBS)*	2.63	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorobutanoic Acid (PFBA)*	2.90	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-007
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-007 (MVD-7)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 11:05AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoroheptanoic acid (PFHpA)*	3.16	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorohexanesulfonic Acid (PFHxS)*	1.41	ng/L	✓	J	2.00	18 ng/L	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorohexanoic acid (PFHxA)*	2.74	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorooctanesulfonic acid (PFOS)*	3.18	ng/L	✓		2.00	15 ng/L	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluorooctanoic acid (PFOA)*	25.2	ng/L	✕		2.00	12 ng/L	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoropentanoic acid (PFPeA)*	2.30	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:22PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	73	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	86	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	84	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	81	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	81	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-007
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-007 (MVD-7)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 11:05AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	89	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	85	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	87	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[13C8]octanoic acid	84	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Perfluoro-n-[13C9]nonanoic acid	86	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	72	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	128	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	71	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Sodium perfluoro-[13C8]octanesulfonate	94	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	93	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	88	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:22PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-008
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-009 (MVD-8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 11:15AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/25/2024 07:35AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorobutanesulfonic Acid (PFBS)*	2.46	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorobutanoic Acid (PFBA)*	2.18	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-008
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▼
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-009 (MVD-8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 11:15AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoroheptanoic acid (PFHpA)*	3.04	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorohexanesulfonic Acid (PFHxS)*	1.21	ng/L	✓	J	2.00	18 ng/L	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorohexanoic acid (PFHxA)*	2.89	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorooctanesulfonic acid (PFOS)*	1.65	ng/L	✓	J	2.00	15 ng/L	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluorooctanoic acid (PFOA)*	21.8	ng/L	✕		2.00	12 ng/L	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoropentanoic acid (PFPeA)*	2.08	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/25/2024 05:35PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	72	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	78	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	73	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	80	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	81	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-008
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-009 (MVD-8)

EPA ID#: 1531010

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

DATE & TIME COLLECTED: 10/22/2024 11:15AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	91	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	82	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	85	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[13C8]octanoic acid	79	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Perfluoro-n-[13C9]nonanoic acid	77	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	75	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	136	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	73	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Sodium perfluoro-[13C8]octanesulfonate	95	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	98	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	90	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/25/2024 05:35PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-009
SAMPLED BY: Miner,Ron

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-510 (TP-7/8)

CHEMICAL RESULTS FOR THE QUARTER 2024

LAB ID#: 1015

EPA ID#: 1531010

Legend	
Passes	
Fails EPA Primary	
Fails EPA Secondary	
Fails State Guideline	
Attention	

DATE & TIME COLLECTED: 10/22/2024 11:44AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic Acid (11CI-PF30UdS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Date Extracted	-					No Limit	EPA 533	DL-NH	10/29/2024 11:30AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorobutanesulfonic Acid (PFBS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorobutanoic Acid (PFBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-009
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-510 (TP-7/8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 11:44AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluorodecanoic Acid (PFDA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoroheptanoic acid (PFHpA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorohexanesulfonic Acid (PFHxS)*	<2.00	ng/L	✓		2.00	18 ng/L	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorohexanoic acid (PFHxA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorooctanesulfonic acid (PFOS)*	<2.00	ng/L	✓		2.00	15 ng/L	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluorooctanoic acid (PFOA)*	<2.00	ng/L	✓		2.00	12 ng/L	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoropentanoic acid (PFPeA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	DL-NH	10/30/2024 03:11PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	41	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	28	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	25	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	51	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	45	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM



Donald A. D'Anjou, Ph. D.
Laboratory Director



GRANITE STATE ANALYTICAL SERVICES, LLC.

22 Manchester Road, Unit 2, Derry, NH 03038
Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 11/02/2024
SAMPLE ID #: 2410-05017-009
SAMPLED BY: Miner,Ron

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

Legend	
Passes	✓
Fails EPA Primary	⊗
Fails EPA Secondary	▽
Fails State Guideline	✕
Attention	⚠

SAMPLE CATEGORY: Routine Sample
SYSTEM NAME: Merrimack Village Dist
SYSTEM TOWN: Merrimack
SAMPLE AGENT #: 603-424-9241
SAMPLE LOCATION: 1531010-510 (TP-7/8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 10/22/2024 11:44AM
DATE & TIME RECEIVED: 10/23/2024 08:24AM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 5.7° CELSIUS
CLIENT JOB #:

BAR CODE:

Test Description	Result	Test Units	Pass /Fail	DQ Flag	RL	Limit	Method	Analyst	Date & Time Analyzed
Perfluoro-n-[1,2,3,4-13C4]butanoic acid	51	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	41	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	34	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[13C8]octanoic acid	34	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Perfluoro-n-[13C9]nonanoic acid	29	%	⊗	\$		50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	71	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	68	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	67	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Sodium perfluoro-[13C8]octanesulfonate	83	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	82	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	84	%	✓			50-200%	EPA 533 - IDA	DL-NH	10/30/2024 03:11PM



Donald A. D'Anjou, Ph. D.
Laboratory Director

