



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: 12/05/2024
Work Order #: 2411-04418
Client Job #:
Date Received: 11/21/2024
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.
- ND: Non-detect. Results reported as Non-Detect (ND) have been evaluated down to the concentration listed in the MDL column.
- 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: J = Estimated concentration.**

SAMPLE STATE SPECIFIC NOTES:

Additional Narrative or Comments: **None**

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



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-001
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-008 (MVD-2)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:44PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:00PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluorobutanesulfonic Acid (PFBS)*	5.24	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluorobutanoic Acid (PFBA)*	4.29	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM



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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 #:
SAMPLE LOCATION: 1531010-008 (MVD-2)

EPA ID#: 1531010

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RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:00PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoroheptanoic acid (PFHpA)*	4.60	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluorohexanesulfonic Acid (PFHxS)*	1.79	ng/L	✓	J	2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluorohexanoic acid (PFHxA)*	6.79	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluorooctanesulfonic acid (PFOS)*	3.08	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluorooctanoic acid (PFOA)*	22.9	ng/L	✕		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoropentanoic acid (PFPeA)*	5.22	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:00PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	78	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	83	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	78	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	71	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	76	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM



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CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

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

EPA ID#: 1531010

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

DATE & TIME COLLECTED: 11/21/2024 12:44PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	78	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[13C8]octanoic acid	76	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Perfluoro-n-[13C9]nonanoic acid	79	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	91	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	100	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	79	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Sodium perfluoro-[13C8]octanesulfonate	97	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:00PM



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SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-012 (MVD 9)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:45PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:13PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluorobutanesulfonic Acid (PFBS)*	2.19	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluorobutanoic Acid (PFBA)*	1.58	ng/L		J	2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM



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SAMPLE ID #: 2411-04418-002
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-012 (MVD 9)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:45PM
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WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:13PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoroheptanoic acid (PFHpA)*	1.47	ng/L		J	2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluorohexanesulfonic Acid (PFHxS)*	0.787	ng/L	✓	J	2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluorohexanoic acid (PFHxA)*	2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluorononanoic acid (PFNA)*	0.698	ng/L	✓	J	2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluorooctanesulfonic acid (PFOS)*	2.80	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluorooctanoic acid (PFOA)*	12.1	ng/L	✕		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoropentanoic acid (PFPeA)*	1.23	ng/L		J	2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:13PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	80	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	88	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	73	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	80	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM



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LAB ID#: 1015

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

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SYSTEM NAME: Merrimack Village Dist
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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	87	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	81	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	88	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[13C8]octanoic acid	79	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Perfluoro-n-[13C9]nonanoic acid	81	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	90	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	98	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	75	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Sodium perfluoro-[13C8]octanesulfonate	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:13PM



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SAMPLED BY: Merrimack Village Dist

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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 #:
SAMPLE LOCATION: 1531010-512 (TP-2/9)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:56PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:27PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluorobutanesulfonic Acid (PFBS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluorobutanoic Acid (PFBA)*	1.13	ng/L		J	2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM



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: 12/05/2024
SAMPLE ID #: 2411-04418-003
SAMPLED BY: Merrimack Village Dist

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

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

EPA ID#: 1531010

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

DATE & TIME COLLECTED: 11/21/2024 12:56PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:27PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoroheptanoic acid (PFHpA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluorohexanesulfonic Acid (PFHxS)*	<2.00	ng/L	✓		2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluorohexanoic acid (PFHxA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluorooctanesulfonic acid (PFOS)*	<2.00	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluorooctanoic acid (PFOA)*	<2.00	ng/L	✓		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoropentanoic acid (PFPeA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:27PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	83	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	97	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM



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



GRANITE STATE ANALYTICAL SERVICES, LLC.

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Phone (800) 699-9920 | (603) 432-3044 website www.granitestateanalytical.com

DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-003
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-512 (TP-2/9)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:56PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	97	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[13C8]octanoic acid	87	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Perfluoro-n-[13C9]nonanoic acid	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	81	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Sodium perfluoro-[13C8]octanesulfonate	91	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:27PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-004
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-011 (MVD-4R)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:14PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:41PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluorobutanesulfonic Acid (PFBS)*	8.90	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluorobutanoic Acid (PFBA)*	8.39	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM



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Laboratory Director



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-004
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-011 (MVD-4R)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:14PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:41PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoroheptanoic acid (PFHpA)*	21.7	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluorohexanesulfonic Acid (PFHxS)*	3.95	ng/L	✓		2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluorohexanoic acid (PFHxA)*	27.8	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluorononanoic acid (PFNA)*	1.15	ng/L	✓	J	2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluorooctanesulfonic acid (PFOS)*	7.72	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluorooctanoic acid (PFOA)*	135	ng/L	✕		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoropentanesulfonic acid (PFPeS)*	0.903	ng/L		J	2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoropentanoic acid (PFPeA)*	16.2	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:41PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	80	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	77	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	83	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM



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



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-004
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-011 (MVD-4R)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:14PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	88	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[13C8]octanoic acid	80	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Perfluoro-n-[13C9]nonanoic acid	79	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	102	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	78	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Sodium perfluoro-[13C8]octanesulfonate	94	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	90	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:41PM



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



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-005
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-005 (MVD-5)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:15PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:54PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluorobutanesulfonic Acid (PFBS)*	6.97	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluorobutanoic Acid (PFBA)*	6.77	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM



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



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-005
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-005 (MVD-5)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:15PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 04:54PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoroheptanoic acid (PFHpA)*	15.1	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluorohexanesulfonic Acid (PFHxS)*	3.22	ng/L	✓		2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluorohexanoic acid (PFHxA)*	19.0	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluorooctanesulfonic acid (PFOS)*	3.04	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluorooctanoic acid (PFOA)*	81.4	ng/L	✕		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoropentanesulfonic acid (PFPeS)*	0.715	ng/L		J	2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoropentanoic acid (PFPeA)*	12.3	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 04:54PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	96	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	93	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	83	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM



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: 12/05/2024
SAMPLE ID #: 2411-04418-005
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-005 (MVD-5)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:15PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	88	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	88	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	96	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[13C8]octanoic acid	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Perfluoro-n-[13C9]nonanoic acid	93	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	79	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Sodium perfluoro-[13C8]octanesulfonate	94	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	91	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 04:54PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-006
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-509 (TP-4/5)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:10PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 05:08PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluorobutanesulfonic Acid (PFBS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluorobutanoic Acid (PFBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-006
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-509 (TP-4/5)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 12:10PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 05:08PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoroheptanoic acid (PFHpA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluorohexanesulfonic Acid (PFHxS)*	<2.00	ng/L	✓		2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluorohexanoic acid (PFHxA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluorooctanesulfonic acid (PFOS)*	<2.00	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluorooctanoic acid (PFOA)*	<2.00	ng/L	✓		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoropentanoic acid (PFPeA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:08PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	80	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-006
SAMPLED BY: Merrimack Village Dist

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

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

EPA ID#: 1531010

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

DATE & TIME COLLECTED: 11/21/2024 12:10PM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	81	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	78	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	94	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[13C8]octanoic acid	80	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Perfluoro-n-[13C9]nonanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	98	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	90	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Sodium perfluoro-[13C8]octanesulfonate	100	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	94	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	93	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:08PM



Donald A. D'Anjou, Ph. D.
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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-007
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-007 (MVD-7)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:09AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/26/2024 06:38PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF30NS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/26/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluorobutanesulfonic Acid (PFBS)*	3.04	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluorobutanoic Acid (PFBA)*	3.65	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM



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Laboratory Director



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-007
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-007 (MVD-7)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:09AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/26/2024 06:38PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoroheptanoic acid (PFHpA)*	3.75	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluorohexanesulfonic Acid (PFHxS)*	1.57	ng/L	✓	J	2.00	18 ng/L	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluorohexanoic acid (PFHxA)*	3.26	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluorooctanesulfonic acid (PFOS)*	3.84	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluorooctanoic acid (PFOA)*	28.2	ng/L	✕		2.00	12 ng/L	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoropentanoic acid (PFPeA)*	2.40	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/26/2024 06:38PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	81	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	87	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	83	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM



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: 12/05/2024
SAMPLE ID #: 2411-04418-007
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-007 (MVD-7)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:09AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[13C8]octanoic acid	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Perfluoro-n-[13C9]nonanoic acid	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	90	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	122	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	76	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Sodium perfluoro-[13C8]octanesulfonate	93	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	90	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/26/2024 06:38PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-008
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-009 (MVD-8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:14AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 05:49PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluorobutanesulfonic Acid (PFBS)*	2.72	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluorobutanoic Acid (PFBA)*	2.56	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-008
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-009 (MVD-8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:14AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 05:49PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoroheptanoic acid (PFHpA)*	3.60	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluorohexanesulfonic Acid (PFHxS)*	1.40	ng/L	✓	J	2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluorohexanoic acid (PFHxA)*	3.18	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluorooctanesulfonic acid (PFOS)*	1.88	ng/L	✓	J	2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluorooctanoic acid (PFOA)*	25.9	ng/L	✕		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoropentanoic acid (PFPeA)*	2.43	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 05:49PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	78	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-008
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-009 (MVD-8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:14AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	87	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	86	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[13C8]octanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Perfluoro-n-[13C9]nonanoic acid	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	127	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	74	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Sodium perfluoro-[13C8]octanesulfonate	91	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	85	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 05:49PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-009
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-510 (TP-7/8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:37AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 06:02PM
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF3ONS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Date Extracted	-					No Limit	EPA 533	JLR-NH	11/25/2024 07:40AM
Hexafluoropropylene oxide dimer acid (HFPO-DA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoro-3-methoxypropanoic acid (PFMPA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoro-4-methoxybutanoic acid (PFMBA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluorobutanesulfonic Acid (PFBS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluorobutanoic Acid (PFBA)*	1.28	ng/L		J	2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM



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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-009
SAMPLED BY: Merrimack Village Dist

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 #:
SAMPLE LOCATION: 1531010-510 (TP-7/8)

EPA ID#: 1531010

DATE & TIME COLLECTED: 11/21/2024 11:37AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	JLR-NH	11/25/2024 06:02PM
Perfluorododecanoic acid (PFDoA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoroheptanesulfonic acid (PFHpS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoroheptanoic acid (PFHpA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluorohexanesulfonic Acid (PFHxS)*	<2.00	ng/L	✓		2.00	18 ng/L	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluorohexanoic acid (PFHxA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluorononanoic acid (PFNA)*	<2.00	ng/L	✓		2.00	11 ng/L	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluorooctanesulfonic acid (PFOS)*	<2.00	ng/L	✓		2.00	15 ng/L	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluorooctanoic acid (PFOA)*	<2.00	ng/L	✓		2.00	12 ng/L	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoropentanesulfonic acid (PFPeS)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoropentanoic acid (PFPeA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
Perfluoroundecanoic acid (PFUnA)*	<2.00	ng/L			2.00	No Limit	EPA 533	JLR-NH	11/25/2024 06:02PM
2,3,3,3-Tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy-13C3)propanoic acid	92	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[1,2,3,4,5,6,7-13C7]undecanoic acid	91	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[1,2,3,4,5,6-13C6]decanoic acid	81	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[1,2,3,4,5-13C5]pentanoic acid	89	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[1,2,3,4,6-13C5]hexanoic acid	83	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM



Donald A. D'Anjou, Ph. D.
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DRINKING WATER NON COMPLIANCE REPORT

DATE PRINTED: 12/05/2024
SAMPLE ID #: 2411-04418-009
SAMPLED BY: Merrimack Village Dist

CHEMICAL RESULTS FOR THE QUARTER 2024
LAB ID#: 1015

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

EPA ID#: 1531010

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

DATE & TIME COLLECTED: 11/21/2024 11:37AM
DATE & TIME RECEIVED: 11/21/2024 02:39PM
WATER SYS TYPE: Community
RECEIPT TEMP: ON ICE 10.0° 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	87	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[1,2,3,4-13C4]heptanoic acid	84	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[1,2-13C2]dodecanoic acid	96	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[13C8]octanoic acid	81	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Perfluoro-n-[13C9]nonanoic acid	82	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]decane sulfonate	101	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]hexane sulfonate	91	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Sodium 1H,1H,2H,2H-perfluoro-1-[1,2-13C2]octane sulfonate	93	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Sodium perfluoro-[13C8]octanesulfonate	101	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Sodium perfluoro-1-[1,2,3-13C3]hexanesulfonate	94	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM
Sodium perfluoro-1-[2,3,4-13C3]butanesulfonate	96	%	✓			50-200%	EPA 533 - IDA	JLR-NH	11/25/2024 06:02PM



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