

Massachusetts Department of Environmental Protection - Drinking Water Program

**PFAS**

**Submitted - Signed**

PWS ID #: 3164000 City/Town: LYNNFIELD PWS Class: COM  
 PWS Name: LYNNFIELD CENTER WATER DISTRICT  
 Primary Lab MA Cert #: M-MA1118 Primary Lab Name: NASHOBA ANALYTICAL LLC

Location ID: 10272 Location: STATION #2 (MAIN ST GP WELL) M/S: S S D/S: S S R/F: RS Routine/Special: S. Dillon/B. Deshaies Collected By: S. Dillon/B. Deshaies Collection Date: 11/29/2021 O/R/C: Resubmit Reason: Original Collection

Sample Comments: Lab Sample ID: 236477-2 N Sample Compositing: N Composite Sample Comments:

Analytical Method:	Analytical Lab ID:	Analytical Lab:	Analysis Date:	Extraction date:	Analysis Comments:
EPA 537.1	M-MA030	ALPHA ANALYTICAL	12/9/2021	12/7/2021	
	QA/QC Method1:		QA/QC Result1:	QA/QC Method 2:	QA/QC Result 2:
	13C2-PFHXA		92	13C2-PFDA	90
	QA/QC Method3:		QA/QC Result3:	QA/QC Method4:	QA/QC Result4:
	D5-NETFOSAA		81	13C3-HFPO-DA	77

CAS #	Contaminant:	Result:	UOM:	MCL (ORSG):	MDL:	MRL:	Dilution Factor	Result Qualifier	Result Qualifier Description
<b>Regulated Contaminants</b>									
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND	NG/L	0.590	0.590	2.00	1		
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	4.03	NG/L	0.590	0.590	2.00	1		
355-46-4	PERFLUOROHXANESULFONIC ACID-PFHXS	2.44	NG/L	0.590	0.590	2.00	1		
375-95-1	PERFLUORONONANOIC ACID-PFNA	0.883	NG/L	0.590	0.590	2.00	1	J	estimated value
1763-23-1	PERFLUOROOCETANESULFONIC ACID-PFOS	7.17	NG/L	0.590	0.590	2.00	1		
335-67-1	PERFLUOROOCETANOIC ACID-PFOA	9.12	NG/L	0.590	0.590	2.00	1		
	PFAS6	22.8	NG/L	20	0.590	2.00	1		
<b>Unregulated Contaminants</b>									
763051-92-9	11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30UDS	ND	NG/L	0.590	0.590	2.00	1		
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADONA	ND	NG/L	0.590	0.590	2.00	1		

M/S = Multiple or Single sources represented in sample site.  
 D/S = Distribution or Source sample site.  
 R/F = Raw or Finished water sample site.  
 MDL = Method Detection Limit.  
 UOM = Unit of Measurement.  
 O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

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Location ID	Location	M/S:	D/S:	R/F:	Routine/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:
756426-58-1	9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF3ONS	ND	NG/L	0.590	2.00	1			
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND	NG/L	0.590	2.00	1			
2991-50-6	N-ETHYL PERFLUOROOC TANESULFONAMIDOACET IC ACID - NETFOSAA	ND	NG/L	0.590	2.00	1			
2355-31-9	N-METHYL PERFLUOROOC TANESULFONAMIDOACET IC ACID - NMEFOSAA	ND	NG/L	0.590	2.00	1			
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	3.82	NG/L	0.590	2.00	1			
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND	NG/L	0.590	2.00	1			
307-24-4	PERFLUOROHEXANOIC ACID - PFHXA	5.79	NG/L	0.590	2.00	1			
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND	NG/L	0.590	2.00	1			
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND	NG/L	0.590	2.00	1			
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND	NG/L	0.590	2.00	1			

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**Location ID**    **Location**    **M/S:**    **D/S:**    **R/F:**    **Routine/ Special:**    **Collected By:**    **Collection Date:**    **O/R/C:**    **Resubmit Reason:**    **Original Collection**  
 10275    STA. #4 (GLEN DRIVE WELLS 5G-8G)    M    S    RS    S. Dillon/B. Deshaies    11/29/2021    O

**Sample Comments:**    **Lab Sample ID:**    **Sample Compositd:**    **Composite Sample Comments:**  
 236477-1    N

Analytical Method:	Analytical Lab ID:	Analytical Lab:	Analysis Date:	Extraction date:	Analysis Comments:
EPA 537.1	M-MA030	ALPHA ANALYTICAL	12/9/2021	12/7/2021	
	<b>QA/QC Method1:</b>		<b>QA/QC Result1:</b>	<b>QA/QC Method 2:</b>	<b>QA/QC Result 2:</b>
	13C2-PFHXA		95	13C2-PFDA	99
	<b>QA/QC Method3:</b>		<b>QA/QC Result3:</b>	<b>QA/QC Method4:</b>	<b>QA/QC Result4:</b>
	D5-NETFOSAA		92	13C3-HFPO-DA	86

CAS #	Contaminant:	Result:	UOM:	MCL (ORSG):	MDL:	MRL:	Dilution Factor	Result Qualifier	Result Qualifier Description
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND	NG/L		0.595	2.00	1		
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	2.03	NG/L		0.595	2.00	1		
M/S = Multiple or Single sources represented in sample site. D/S = Distribution or Source sample site. R/F = Raw or Finished water sample site. MDL = Method Detection Limit. UOM = Unit of Measurement. O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.									
								PWS ID #:	3164000
								PWS Name:	LYNNFIELD CENTER WATER DISTRICT
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Sample ID	Contaminant Name	Concentration	Units	0.595	2.00	1	J	estimated value
355-46-4	PERFLUOROHXANESULFONIC ACID-PFHXS	1.82	NG/L	0.595	2.00	1		
375-95-1	PERFLUORONONANOIC ACID-PFNA	ND	NG/L	0.595	2.00	1		
1763-23-1	PERFLUOROOCTANESULFONIC ACID-PFOS	4.02	NG/L	0.595	2.00	1		
335-67-1	PERFLUOROOCTANOIC ACID-PFOA	5.38	NG/L	0.595	2.00	1		
	<b>PFAS6</b>	11.4	NG/L	0.595	2.00	1	20	
<b>Unregulated Contaminants</b>								
763051-92-9	11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30UDS	ND	NG/L	0.595	2.00	1		
919005-14-4	4,8-DIOXA-3H-PERFLUORONANOIC ACID - ADONA	ND	NG/L	0.595	2.00	1		
756426-58-1	9-CHLOROHEXADEC AFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF3ONS	ND	NG/L	0.595	2.00	1		
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND	NG/L	0.595	2.00	1		
2991-50-6	N-ETHYL PERFLUOROOCTANESULFONAMIDOACET IC ACID - NETFOSAA	ND	NG/L	0.595	2.00	1		
2355-31-9	N-METHYL PERFLUOROOCTANESULFONAMIDOACET IC ACID - NMEFOSAA	ND	NG/L	0.595	2.00	1		
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	3.67	NG/L	0.595	2.00	1	Z	The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits
307-55-1	PERFLUORODECANOIC ACID - PFDOA	ND	NG/L	0.595	2.00	1		
307-24-4	PERFLUOROHXANOIC ACID - PFHXA	3.60	NG/L	0.595	2.00	1		
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND	NG/L	0.595	2.00	1		
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND	NG/L	0.595	2.00	1		
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND	NG/L	0.595	2.00	1		

Primary Lab Signature: David L. Knowlton

Date: 12/29/2021

EDEP Transaction ID: 1334630

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Certified Signer User Name: DRDOOM

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