



Per- and Polyfluoroalkyl Substances (PFAS) Report

I. PWS INFORMATION: Please refer to your DEP Water Quality Sampling Schedule (WQSS) to help complete this form

PWS ID #: **3164000** City/Town: **LYNNFIELD**
 PWS Name: **LYNNFIELD CENTER WATER DISTRICT** PWS Class: **COM** NTNC TNC

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information	Date Collected	Collected By
10272	STATION #2 (MAIN ST GP WELL)	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (R)aw <input type="checkbox"/> (S)ingle <input type="checkbox"/> (F)inished	1/19/2022	B. Deshaies
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	If Resubmitted Report, list below:		
		<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction	(1) Reason for Resubmission	
		(2) Collection Date of Original Sample		

Original, Resubmitted or Confirmation Report

SAMPLE NOTES -- (Such as, if a Manifold/Multiple sample, list any sources that were on-line during sample collection).

II. ANALYTICAL LABORATORY INFORMATION:

Primary Lab Cert. #: **M-MA1118** Primary Lab Name: **Nashoba Analytical, LLC** Subcontracted? (Y/N) **Y**
 Analysis Lab Cert. #: **M-MA072** Analysis Lab Name: **New England ChromaChem**

If Analysis Lab is not certified by MassDEP or U.S. EPA, list certification authority:

Lab Method	Date Extracted	Date Analyzed	Dilution Factor	Lab Sample IDs#
EPA537.1	1/24/2022	1/25/2022	1	Primary Lab: 238399-1 Subcontracted Lab: 201420

CAS #	Regulated PFAS Contaminants	Result ng/L	Result Qualifier	MCL ng/L	MDL ng/L	MRL ng/L
1763-23-1	PERFLUOROCTANESULFONIC ACID-PFOS	5.67			0.569	2.00
335-67-1	PERFLUOROCTANOIC ACID-PFOA	7.70			0.569	2.00
355-46-4	PERFLUOROHXANESULFONIC ACID-PFHXS	1.49	J		0.569	2.00
375-95-1	PERFLUORONONANOIC ACID-PFNA	0.681	J		0.569	2.00
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	3.45			0.569	2.00
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND			0.569	2.00
	PFAS6 (sum of PFOS, PFOA, PFHxS, PFNA, PFHpA, and PFDA; only include results at or above the MRL; do not include estimated results as described by a Result Qualifier in the next column)	16.8		20	0.569	2.00
UNREGULATED PFAS CONTAMINANTS						
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	2.35			0.569	2.00
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND			0.569	2.00
307-24-4	PERFLUOROHEXANOIC ACID - PFHXA	4.43			0.569	2.00
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND			0.569	2.00
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND			0.569	2.00
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND			0.569	2.00
2991-50-6	N-ETHYL PERFLUOROCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND			0.569	2.00
2355-31-9	N-METHYL PERFLUOROCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND			0.569	2.00
763051-92-9	11-CHLOROHEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30UDS	ND			0.569	2.00
756426-58-1	9-CHLOROHEXADECYLAFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF30NS	ND			0.569	2.00
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADONA	ND			0.569	2.00
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND			0.569	2.00

1. A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.
 2. All qualifiers must be described under Lab Analysis Comments on page 2.
 Rev 9/9/2020



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PWS ID# 3164000

Lab Sample ID#: 238399-1

Table with columns: CAS #, UNREGULATED PFAS CONTAMINANTS, Result µg/L, Result Qualifier, MCL µg/L, MDL µg/L, MRL µg/L. Contains multiple empty rows for data entry.

Table with columns: Surrogate Name, % Recovery (70-130%), Alternate Surrogate (must document reason for change). Rows include 13C2-PFHXA (92%), 13C2-PFDA (85%), D5-NETFOSAA (104%), and 13C3-HFPO-DA (95%).

Note: 13C3-HFPO-DA is not required for EPA Method 537 v1.1

In addition to the SUR above you must attach the results of the ongoing QC results as specified by the method for the sample's extraction batch

QC criteria selection form with checkboxes:
- [X] Laboratory analytical report with QC attached (check one item below)
- [X] All associated QC criteria reported within control limits including Lab Reagent/Method Blank (LRB), Field Reagent blank (FRB), Surrogate Standards (SUR), Laboratory Fortified Blank, Matrix Spike/Duplicate (LFSMLFSMD or FD) and RPD.
- [] All associated sample and/or QC batch criteria not met. See Lab Analysis Comments below and narrative in attached report.

Lab Analysis Comments: (include sample/method parameters outside of or affecting QC controls/limits and result qualifiers.)

Table with columns: Result Qualifier, Qualifier Description. Contains empty rows for reporting analysis issues.

Other Analysis Comments:

I certify under penalties of law that I am the person authorized to fill out this form and the information contained herein is true, accurate and complete to the best extent of my knowledge.

Primary Lab Director Signature: David L. [Signature]

Date: 1-29-22

If not submitting these results electronically, mail TWO copies of this report to your DEP Regional Office no later than 10 days after the end of the month in which you received this report or no later than 10 days after the end of the reporting

DEP REVIEW STATUS (Initial & Date)
- [] Accepted
- [] Disapproved
- Review Comments
- [] WQTS Data Entered