



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
ST3	STA. #3 (GWTP) - FINISHED WATER	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (R)aw <input type="checkbox"/> (S)ingle <input type="checkbox"/> (F)inished	7/18/2022	B. Deshaies
Routine or Special Sample <input checked="" type="checkbox"/> RS <input type="checkbox"/> SS		Original, Resubmitted or Confirmation Report <input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation		
If Resubmitted Report, list below: (1) Reason for Resubmission: <input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction (2) Collection Date of Original Sample:				
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** Subcontracted? (Y/N) **Y**

Analysis Lab Cert. #: **M-MA030** Analysis Lab Name: **Alpha Analytical**

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#
EPA837.1	7/21/2022	7/22/2022	1	Primary Lab: 245558-2 Subcontracted Lab: L2238340-03

CAS #	Regulated PFAS Contaminants	Result ng/L	Result Qualifier	MCL ng/L	MDL ng/L	MRL ng/L
1783-23-1	PERFLUOROCTANESULFONIC ACID-PFOS	1.82	J		0.619	2.00
335-67-1	PERFLUOROCTANOIC ACID-PFOA	3.19			0.619	2.00
355-46-4	PERFLUOROHEXANESULFONIC ACID-PFHXS	0.927	J		0.619	2.00
375-95-1	PERFLUORONONANOIC ACID-PFNA	ND			0.619	2.00
375-85-9	PERFLUROHEPTANOIC ACID-PFHPA	0.816	J		0.619	2.00
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND			0.619	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)	3.19		20	0.619	2.00
UNREGULATED PFAS CONTAMINANTS						
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	2.00			0.619	2.00
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND			0.619	2.00
307-24-4	PERFLUROHEXANOIC ACID - PFHXA	2.19			0.619	2.00
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND			0.619	2.00
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND			0.619	2.00
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND			0.619	2.00
2991-50-6	N-ETHYL PERFLUROOCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND			0.619	2.00
2355-31-9	N-METHYL PERFLUROOCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND			0.619	2.00
763051-92-9	11-CHLOROICOSAFLURO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30US	ND			0.619	2.00
756426-58-1	9-CHLOROHEXADECAFLURO-3-OXANONE-1-SULFONIC ACID-9CL-PF30NS	ND			0.619	2.00
919005-14-4	4,8-DIOXA-3H-PERFLURONONANOIC ACID - ADONA	ND			0.619	2.00
13252-13-6	HEXAFLUROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND			0.619	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#:

245558-2

CAS #	UNREGULATED PFAS CONTAMINANTS	Result µg/L	Result Qualifier	MCL µg/L	MDL µg/L	WRL µg/L		

Surrogate Name	% Recovery (70-130%)	Alternate Surrogate (must document reason for change)
13C2-PFHXA	97	
13C2-PFDA	108	
D5-NETFOSAA	94	
13C3-HFPO-DA	98	

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

X

Laboratory analytical report with QC attached (check one item below)

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 (LFSM/LFSMD 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.)

Result Qualifier	Qualifier Description

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: T. [Signature]Date: 8/22/22

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 _____ DisapprovedReview
Comments WQTS
Data Entered