



Massachusetts Department of Environmental Protection - Drinking Water Program
Per- and Polyfluoroalkyl Substances (PFAS) Report

PFAS

Page 1 of 2

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
	PFAS PROJECT STA. #2 - COMBINED INFLUENT	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (R)aw <input type="checkbox"/> (S)ingle <input type="checkbox"/> (F)inished	10/6/2022	B. Deshaies
Routine or Special Sample <input type="checkbox"/> RS <input checked="" 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: **Neshoba Analytical** Subcontracted? (Y/N) **Y**
 Analysis Lab Cert. #: **M-MA030** Analysis Lab Name: **Alpha Analytical - Mansfield**

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#
EPAS37.1	10/8/2022	10/8/2022	1	Primary Lab: 2210-01213-001 Subcontracted Lab: L2255997-01

CAS #	Regulated PFAS Contaminants	Result ng/L	Result Qualifier	MCL ng/L	MDL ng/L	MRL ng/L
1763-23-1	PERFLUOROOCTANESULFONIC ACID-PFOS	5.64			0.633	2.00
335-67-1	PERFLUOROOCTANOIC ACID-PFOA	9.81			0.633	2.00
355-46-4	PERFLUOROHXANESULFONIC ACID-PFHXS	1.74	J		0.633	2.00
375-95-1	PERFLUORONONANOIC ACID-PFNA	0.644	J		0.633	2.00
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	3.98			0.633	2.00
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND			0.633	2.00
PFAS8 (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)		19.4		20	0.633	2.00
UNREGULATED PFAS CONTAMINANTS						
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	2.96			0.633	2.00
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND			0.633	2.00
307-24-4	PERFLUOROHXANOIC ACID - PFHXA	5.15			0.633	2.00
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND			0.633	2.00
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND			0.633	2.00
2058-84-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND			0.633	2.00
2991-50-6	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND			0.633	2.00
2355-31-9	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND			0.633	2.00
763051-82-9	11-CHLOROICOSAPLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30US	ND			0.633	2.00
755426-58-1	9-CHLOROHXADECAFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF30NS	ND			0.633	2.00
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADOXA	ND			0.633	2.00
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND			0.633	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#: 2210-01213-001

CAS #	UNREGULATED PFAS CONTAMINANTS	Result $\mu\text{g/L}$	Result Qualifier	MCL $\mu\text{g/L}$	MDL $\mu\text{g/L}$	MRL $\mu\text{g/L}$		

Surrogate Name	% Recovery (70-130%)	Alternate Surrogate (must document reason for change)
13C2-PFHXA	96	
13C2-PFDA	96	
D5-NETFOSAA	104	
13C3-HFPO-DA	86	

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

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 (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)

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: [Signature]
Date: 10/11/22

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)	Review	WQTS Data Entered
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved _____	Comments	