



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

PFAS

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
10271	STATION #1 (PHILLIPS TUBULAR WELLS)	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (R)aw <input type="checkbox"/> (S)ingle <input type="checkbox"/> (F)inished	10/7/2021	S. Dillon
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, LLC** Subcontracted? (Y/N) **Y**
 Analysis Lab Cert. #: **M-MA030** Analysis Lab Name: **Alpha 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#
EPA537.1	10/17/2021	10/18/2021	1	Primary Lab: 234236-1 Subcontracted Lab: L2154942-01

CAS #	Regulated PFAS Contaminants	Result ng/L	Result Qualifier	MCL ng/L	MDL ng/L	MRL ng/L
1763-23-1	PERFLUOROCTANESULFONIC ACID-PFOS	10.7			0.592	2.00
335-67-1	PERFLUOROCTANOIC ACID-PFOA	13.4			0.592	2.00
355-46-4	PERFLUOROHEXANESULFONIC ACID-PFHXS	2.76			0.592	2.00
375-95-1	PERFLUORONONANOIC ACID-PFNA	0.709	J		0.592	2.00
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	5.07			0.592	2.00
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND			0.592	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)		31.9		20	0.592	2.00
UNREGULATED PFAS CONTAMINANTS						
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	8.83	Z		0.592	2.00
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND			0.592	2.00
307-24-4	PERFLUOROHEXANOIC ACID - PFHXA	10.7			0.592	2.00
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND	Z		0.592	2.00
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND			0.592	2.00
2058-94-8	PERFLUOROUNDÉCANOIC ACID - PFUNA	ND			0.592	2.00
2991-50-6	N-ETHYL PERFLUOROCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND			0.592	2.00
2355-31-9	N-METHYL PERFLUOROCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND			0.592	2.00
763051-92-9	11-CHLOROHEXACOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF3OU DS	ND			0.592	2.00
756426-58-1	9-CHLOROHEXADÉCAFLURO-3-OXANONE-1-SULFONIC ACID-9CL-PF3ONS	ND			0.592	2.00
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADONA	ND			0.592	2.00
13252-13-6	HEXAFLUROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND			0.592	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#: 234236

Table with 7 columns: CAS #, UNREGULATED PFAS CONTAMINANTS, Result µg/L, Result Qualifier, MCL µg/L, MDL µg/L, MRL µg/L. The table is currently empty.

Table with 3 columns: Surrogate Name, % Recovery (70-130%), Alternate Surrogate (must document reason for change). Rows include 13C2-PFHXA (94%), 13C2-PFDA (90%), D5-NETFOSAA (94%), 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. Includes checkboxes for 'Laboratory analytical report with QC attached' and 'All associated QC criteria reported within control limits'.

Table with 2 columns: Result Qualifier, Qualifier Description. Includes a section for 'Lab Analysis Comments: (include sample/method parameters outside of or affecting QC controls/limits and result qualifiers)'.

Other Analysis Comments: [Empty text box]

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: [Handwritten Signature]

Date: 10-29-21

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) table with checkboxes for Accepted/Disapproved, Review/Comments, and WQTS Data Entered.