



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 #: 3315000

City/Town: WAYLAND

PWS Name: WAYLAND WATER DEPARTMENT

PWS Class: COM

NTNC ☐

TNC -

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information	Date Collected	Collected By
10008	CHAMBERLAIN G.P. WELL	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (R)aw <input type="checkbox"/> (S)ingle <input type="checkbox"/> (F)inished	9/2/2021	R. Bushey
Routine or Special Sample	Original, Resubmitted or Confirmation Report	if Resubmitted Report, list below:		
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	X Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	(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	9/9/2021	9/9/2021	1	Primary Lab: 232726-1 Subcontracted Lab: L2147423-01

CAS #	Regulated PFAS Contaminants	Result ng/L	Result Qualifier	MCL ng/L	MDL ng/L	MRL ng/L		
1763-23-1	PERFLUOROOCTANESULFONIC ACID-PFOS	3.89			0.602	2		
335-67-1	PERFLUOROOCTANOIC ACID-PFOA	7.68			0.602	2		
355-46-4	PERFLUOROHXANESULFONIC ACID-PFHXS	1.08	J		0.602	2		
375-95-1	PERFLUORONONANOIC ACID-PFNA	ND			0.602	2		
375-85-9	PERFLUOROHEPTANOIC ACID-PFHFA	2.81			0.602	2		
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND			0.602	2		
PFAS6 (sum of PFOS, PFOA, PFHxS, PFNA, PFHFA, 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)		14.4		20	0.602	2		
UNREGULATED PFAS CONTAMINANTS								
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	1.37	J		0.602	2		
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND			0.602	2		
307-24-4	PERFLUOROHEXANOIC ACID - PFHXA	2.81			0.602	2		
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND			0.602	2		
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND			0.602	2		
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND			0.602	2		
2991-50-6	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND			0.602	2		
2355-31-9	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND			0.602	2		
763051-92-9	11-CHLOROHEXAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30UDS	ND			0.602	2		
756426-58-1	9-CHLOROHEXADECAFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF30NS	ND			0.602	2		
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADONA	ND			0.602	2		
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND			0.602	2		

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#

3315000

Lab Sample ID#:

232726-1

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

Surrogate Name	% Recovery (70-130%)	Alternate Surrogate (must document reason for change)
13C2-PFHXA	91	
13C2-PFDA	92	
D5-NETFOSAA	95	
13C3-HFPO-DA	90	

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

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

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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 (LFSD/LFSMD or FD) and RPD.

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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: 

Date: 9-27-21

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)

☐ Accepted☐ Disapproved

Review

Comments

☐ WQTS

Data Entered



Per- and Polyfluoroalkyl Substances (PFAS) Report

Page 1 of 2

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

PWS ID #: 3315000 City/Town: WAYLAND

PWS Name: WAYLAND WATER DEPARTMENT PWS Class: COM NTNC ☐ TNC ☐

DEP LOCATION (LOC) ID#	DEP Location Name	Sample Information	Date Collected	Collected By
20006	HAPPY HOLLOW REPL. WELLS	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (R)aw <input type="checkbox"/> (S)ingle <input type="checkbox"/> (F)inished	9/2/2021	R. Bushey
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:		
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	(1) Reason for Resubmission		
		(2) Collection Date of Original Sample		
		<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction		

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	9/9/2021	9/9/2021	1	Primary Lab: 232726-2 Subcontracted Lab: L2147423-03

CAS #	Regulated PFAS Contaminants	Result ng/L	Result Qualifier	MCL ng/L	MDL ng/L	MRL ng/L		
1763-23-1	PERFLUOROOCTANESULFONIC ACID-PFOS	8.99			0.624	1.87		
335-67-1	PERFLUOROOCTANOIC ACID-PFOA	12.4			0.624	1.87		
355-46-4	PERFLUOROHEXANESULFONIC ACID-PFHXS	2.02			0.624	1.87		
375-95-1	PERFLUORONONANOIC ACID-PFNA	2.55			0.624	1.87		
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	4.46			0.624	1.87		
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND			0.624	1.87		
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)		30.4		20	0.624	1.87		
UNREGULATED PFAS CONTAMINANTS								
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	3.47			0.624	1.87		
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND			0.624	1.87		
307-24-4	PERFLUOROHEXANOIC ACID - PFHXA	10.5			0.624	1.87		
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND			0.624	1.87		
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND			0.624	1.87		
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND			0.624	1.87		
2991-50-6	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND			0.624	1.87		
2355-31-9	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND			0.624	1.87		
763051-92-9	11-CHLOROICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF30UDS	ND			0.624	1.87		
756426-58-1	9-CHLOROHEXADECAFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF30NS	ND			0.624	1.87		
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADONA	ND			0.624	1.87		
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND			0.624	1.87		

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.

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Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#

3315000

Lab Sample ID#:

232726-2

[illegible]

Surrogate Name	% Recovery (70-130%)	Alternate Surrogate (must document reason for change)
13C2-PFHXA	96	
13C2-PFDA	97	
D5-NETFOSAA	98	
13C3-HFPO-DA	90	

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 (LSM/LSMD or FD) and RPD.

X

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:

Primary Lab Director Signature:

Date: 9-27-21

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.

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