



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

Page 1 of 2

**I. PWS INFORMATION:** Please refer to your MassDEP 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**

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
20005	BALDWIN POND WTP - FINISHED	<input checked="" type="checkbox"/> (M)ultiple <input type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	7/14/21	R. Bushey
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:			
		(1) Reason for Resubmission		(2) Collection Date of Original Sample	
<input checked="" type="checkbox"/> RS <input type="checkbox"/> SS	<input checked="" type="checkbox"/> Original <input type="checkbox"/> Resubmitted <input type="checkbox"/> Confirmation	<input type="checkbox"/> Resample <input type="checkbox"/> Reanalysis <input type="checkbox"/> Report Correction			
SAMPLE COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
EPA 537.1	7/20/21	7/20/21	1	Primary Lab:	230202-1
				Subcontracted Lab:	L2138171-01

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	1.05	J	-	0.626	1.87
335-67-1	Perfluorooctanoic Acid (PFOA)	2.51			0.626	1.87
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	0.637	J		0.626	1.87
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.626	1.87
375-85-9	Perfluoroheptanoic Acid (PFHpA)	1.20	J		0.626	1.87
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.626	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)		= 2.51	-		20	-
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	1.27	J	-	0.626	1.87
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.626	1.87
307-24-4	Perfluorohexanoic acid (PFHxA)	2.32			0.626	1.87
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.626	1.87
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND			0.626	1.87
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.626	1.87
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.626	1.87
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.626	1.87
763051-92-9	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.626	1.87
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.626	1.87
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.626	1.87
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.626	1.87

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#:

3315000

Lab Sample ID#:

Primary Lab:	230202-1
Subcontracted Lab:	L2138171-01

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C <sub>2</sub> -PFHxA	100	
<sup>13</sup> C <sub>2</sub> -PFDA	89	
d <sub>5</sub> -NEtFOSAA	98	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	93	

Note: <sup>13</sup>C<sub>3</sub>-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 (LFB), 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.

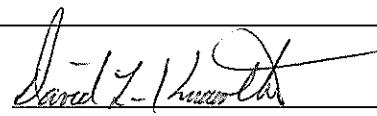
Lab Analysis Comments: (include sample/method parameters outside of or affecting QC controls/limits and result qualifiers)

Result Qualifier	Qualifier Description

Other Analysis Comments:

\* MCL or proposed MCL

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: 7-30-31

If not submitting these results electronically, mail TWO copies of this report to your MassDEP 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 period, whichever is sooner. Note that during the Massachusetts COVID-19 state of emergency, in addition to submitting by mail reports may be emailed to program.director-dwp@mass.gov.

MassDEP REVIEW STATUS (Initial & Date)	Review Comments	<input type="checkbox"/> WQTS Data Entered
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved		



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

Page 1 of 2

**I. PWS INFORMATION: Please refer to your MassDEP 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

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
	<b>BALDWIN POND WTP – FINISHED- FIELD BLANK</b>	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input type="checkbox"/> (F)inished	7/14/21	R. Bushey
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:			
<input 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 COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
EPA 537.1	7/20/21	7/20/21	1	Primary Lab:	230202-1-FB
				Subcontracted Lab:	L2138171-02

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	ND		20	0.615	1.84
335-67-1	Perfluorooctanoic Acid (PFOA)	ND			0.615	1.84
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	ND			0.615	1.84
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.615	1.84
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND			0.615	1.84
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.615	1.84
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) =		ND	--	20	-	-
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	ND		20	0.615	1.84
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.615	1.84
307-24-4	Perfluorohexanoic acid (PFHxA)	ND			0.615	1.84
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.615	1.84
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND			0.615	1.84
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.615	1.84
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEFOSAA)	ND			0.615	1.84
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.615	1.84
763051-92-9	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.615	1.84
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.615	1.84
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.615	1.84
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.615	1.84

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#: **3315000**

Lab Sample ID#: 

Primary Lab:	230202-1-FB
Subcontracted Lab:	L2138171-02

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C <sub>2</sub> -PFHxA	105	
<sup>13</sup> C <sub>2</sub> -PFDA	99	
d <sub>5</sub> -NETFOSAA	96	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	93	

Note: <sup>13</sup>C<sub>3</sub>-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 (LFB), Matrix Spike/Duplicate (LFSD/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:**

\* MCL or proposed MCL  
*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. Howard*  
**Date:** 7-30-21

If not submitting these results electronically, mail TWO copies of this report to your MassDEP 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 period, whichever is sooner. Note that during the Massachusetts COVID-19 state of emergency, in addition to submitting by mail reports may be emailed to [program.director-dwp@mass.gov](mailto:program.director-dwp@mass.gov).

<b>MassDEP REVIEW STATUS (Initial &amp; Date)</b> <input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved _____	<b>Review Comments</b>  	<input type="checkbox"/> WQTS Data Entered
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Massachusetts Department of Environmental Protection - Drinking Water Program **PFAS**  
**Per- and Polyfluoroalkyl Substances (PFAS) Report**

Page 1 of 2

**I. PWS INFORMATION:** Please refer to your MassDEP 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**

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
20006	HAPPY HOLLOW REPL. WELLS	<input checked="" type="checkbox"/> (M)ultiple <input type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	7/14/21	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 COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
EPA 537.1	7/20/21	7/20/21	1	Primary Lab:	230202-2
				Subcontracted Lab:	L2138171-03

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	7.71			0.625	1.87
335-67-1	Perfluorooctanoic Acid (PFOA)	9.20			0.625	1.87
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	1.94			0.625	1.87
375-95-1	Perfluorononanoic Acid (PFNA)	1.87			0.625	1.87
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.92			0.625	1.87
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.625	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)		= 23.64	--	20	-	-
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	3.29			0.625	1.87
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.625	1.87
307-24-4	Perfluorohexanoic acid (PFHxA)	7.71			0.625	1.87
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.625	1.87
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND			0.625	1.87
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.625	1.87
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.625	1.87
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.625	1.87
763051-92-9	11-chloroeicosaffluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.625	1.87
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.625	1.87
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.625	1.87
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.625	1.87

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



# Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#:

3315000

Lab Sample ID#:

Primary Lab:

230202-2

Subcontracted Lab:

L2138171-03

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C <sub>2</sub> -PFHxA	106	
<sup>13</sup> C <sub>2</sub> -PFDA	96	
d <sub>5</sub> -NEtFOSAA	110	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	98	

Note: <sup>13</sup>C<sub>3</sub>-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 (LFB), 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:**

\* MCL or proposed MCL  
 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. Huo*  
 Date: 7-30-21

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MassDEP REVIEW STATUS (Initial & Date) <input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved _____	Review Comments	<input type="checkbox"/> WQTS Data Entered
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Massachusetts Department of Environmental Protection - Drinking Water Program **PFAS**  
**Per- and Polyfluoroalkyl Substances (PFAS) Report**

**I. PWS INFORMATION:** Please refer to your MassDEP 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

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
	<b>HAPPY HOLLOW REPL. WELLS- FIELD BLANK</b>	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input type="checkbox"/> (F)inished	7/14/21	R. Bushey
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:			
<input 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 COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
EPA 537.1	7/20/21	7/20/21	1	Primary Lab:	230202-2-FB
				Subcontracted Lab:	L2138171-04

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	ND			0.625	1.87
335-67-1	Perfluorooctanoic Acid (PFOA)	ND			0.625	1.87
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	ND			0.625	1.87
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.625	1.87
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND			0.625	1.87
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.625	1.87
	<b>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)</b>	<b>ND</b>	<b>-</b>	<b>20</b>		
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	ND			0.625	1.87
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.625	1.87
307-24-4	Perfluorohexanoic acid (PFHxA)	ND			0.625	1.87
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.625	1.87
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND			0.625	1.87
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.625	1.87
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.625	1.87
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.625	1.87
763051-92-9	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.625	1.87
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.625	1.87
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.625	1.87
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.625	1.87

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#: 3315000

Lab Sample ID#: Primary Lab: 230202-2-FB Subcontracted Lab: L2138171-04

Table with 7 columns: CAS#, UNREGULATED PFAS CONTAMINANTS, Result1 ng/L, Result2 Qualifier, MCL\* ng/L, MDL ng/L, MRL ng/L.

Table with 3 columns: Surrogate Name, % Recovery (70 - 130%), Alternate Surrogate (must document reason for change). Rows include 13C2-PFHxA, 13C2-PFDA, d5-NEtFOSAA, 13C3-HFPO-DA.

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 (LFB), 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)

Table with 2 columns: Result Qualifier, Qualifier Description.

Other Analysis Comments:

\* MCL or proposed MCL

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 of David L. Lewis

Date:

7-30-21

If not submitting these results electronically, mail TWO copies of this report to your MassDEP 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 period, whichever is sooner. Note that during the Massachusetts COVID-19 state of emergency, in addition to submitting by mail reports may be emailed to program.director-dwp@mass.gov.

MassDEP REVIEW STATUS (Initial & Date) table with columns for Accepted/Disapproved, Review Comments, and WQTS Data Entered.





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

Page 1 of 2

**I. PWS INFORMATION:** Please refer to your MassDEP 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**

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
10002	CAMPBELL RD. GP WELL	<input type="checkbox"/> (M)ultiple <input checked="" type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	7/14/21	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 COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
EPA 537.1	7/20/21	7/21/21	1	Primary Lab:	230202-3
				Subcontracted Lab:	L2138171-05

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	3.99		-	0.641	1.92
335-67-1	Perfluorooctanoic Acid (PFOA)	8.86			0.641	1.92
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	1.23	J		0.641	1.92
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.641	1.92
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.84			0.641	1.92
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.641	1.92
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)		= 15.69	--		20	-
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	1.50	J	-	0.641	1.92
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.641	1.92
307-24-4	Perfluorohexanoic acid (PFHxA)	3.53			0.641	1.92
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.641	1.92
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND			0.641	1.92
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.641	1.92
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.641	1.92
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.641	1.92
763051-92-9	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.641	1.92
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.641	1.92
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.641	1.92
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.641	1.92

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#:

3315000

Lab Sample ID#:

Primary Lab:	230202-3
Subcontracted Lab:	L2138171-05

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C <sub>2</sub> -PFHxA	90	
<sup>13</sup> C <sub>2</sub> -PFDA	87	
d <sub>5</sub> -NEtFOSAA	79	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	84	

Note: <sup>13</sup>C<sub>3</sub>-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 (LFB), 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.

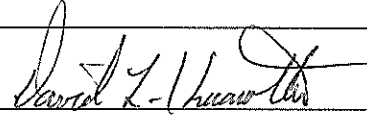
**Lab Analysis Comments:** (include sample/method parameters outside of or affecting QC controls/limits and result qualifiers)

Result Qualifier	Qualifier Description

**Other Analysis Comments:**

\* MCL or proposed MCL

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: 7-30-21

If not submitting these results electronically, mail TWO copies of this report to your MassDEP 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 period, whichever is sooner. Note that during the Massachusetts COVID-19 state of emergency, in addition to submitting by mail reports may be emailed to program.director-dwp@mass.gov.

MassDEP REVIEW STATUS (Initial & Date)	Review Comments	<input type="checkbox"/> WQTS Data Entered
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved		



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

Page 1 of 2

**I. PWS INFORMATION:** Please refer to your MassDEP 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

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
	<b>CAMPBELL RD. GP WELL- FIELD BLANK</b>	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input type="checkbox"/> (F)inished	<b>7/14/21</b>	<b>R. Bushey</b>
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:			
<input 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 COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
<b>EPA 537.1</b>	<b>7/21/21</b>	<b>7/21/21</b>	<b>1</b>	Primary Lab:	<b>230202-3-FB</b>
				Subcontracted Lab:	<b>L2138171-06</b>

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	ND			0.867	2.60
335-67-1	Perfluorooctanoic Acid (PFOA)	ND			0.867	2.60
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	ND			0.867	2.60
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.867	2.60
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND			0.867	2.60
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.867	2.60
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)		<b>ND</b>	<b>--</b>	<b>20</b>		
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	ND			0.867	2.60
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.867	2.60
307-24-4	Perfluorohexanoic acid (PFHxA)	ND			0.867	2.60
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.867	2.60
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND			0.867	2.60
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.867	2.60
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.867	2.60
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.867	2.60
763051-92-9	11-chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.867	2.60
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.867	2.60
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.867	2.60
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.867	2.60

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#: **3315000**

Lab Sample ID#: **230202-3-FB**  
**Subcontracted Lab: L2138171-06**

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C <sub>2</sub> -PFHxA	107	
<sup>13</sup> C <sub>2</sub> -PFDA	95	
d <sub>5</sub> -NEtFOSAA	99	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	108	

Note: <sup>13</sup>C<sub>3</sub>-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 (LFB), Matrix Spike/Duplicate (LFSD/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:**

\* MCL or proposed MCL  
 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. Huo  
 Date: 7-30-21

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MassDEP REVIEW STATUS (Initial & Date)	Review Comments	<input type="checkbox"/> WQTS Data Entered
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved		



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

**I. PWS INFORMATION:** Please refer to your MassDEP 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

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
10008	CHAMBERLAIN G.P. WELL	<input type="checkbox"/> (M)ultiple <input checked="" type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input checked="" type="checkbox"/> (F)inished	7/14/21	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 COMMENTS - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
EPA 537.1	7/20/21	7/20/21	1	Primary Lab:	230202-4
				Subcontracted Lab:	L2138171-07

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	3.70		20	0.613	1.83
335-67-1	Perfluorooctanoic Acid (PFOA)	7.15			0.613	1.83
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	0.844	J		0.613	1.83
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.613	1.83
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.16			0.613	1.83
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.613	1.83
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)		= 13.01				
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	1.28	J	20	0.613	1.83
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.613	1.83
307-24-4	Perfluorohexanoic acid (PFHxA)	2.97			0.613	1.83
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.613	1.83
72629-94-8	Perfluorotridecanoic acid (PFTTrDA)	ND			0.613	1.83
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.613	1.83
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.613	1.83
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.613	1.83
763051-92-9	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.613	1.83
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.613	1.83
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.613	1.83
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.613	1.83

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



Per- and Polyfluoroalkyl Substances (PFAS) Report

PWS ID#: **3315000**

Lab Sample ID#: **Primary Lab: 230202-4**  
**Subcontracted Lab: L2138171-07**

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C <sub>2</sub> -PFHxA	104	
<sup>13</sup> C <sub>2</sub> -PFDA	93	
d <sub>5</sub> -NEtFOSAA	100	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	91	

Note: <sup>13</sup>C<sub>3</sub>-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 (LFB), 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:

\* MCL or proposed MCL  
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. Heav  
Date: 7-30-21

If not submitting these results electronically, mail TWO copies of this report to your MassDEP 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 period, whichever is sooner. Note that during the Massachusetts COVID-19 state of emergency, in addition to submitting by mail reports may be emailed to program.director-dwp@mass.gov.

MassDEP REVIEW STATUS (Initial & Date)	Review Comments	<input type="checkbox"/> WQTS Data Entered
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved		



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

Page 1 of 2

**I. PWS INFORMATION:** Please refer to your MassDEP 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

MassDEP Location (LOC) ID#	MassDEP Location Name	Sample Information		Date Collected	Collected By
	<b>CHAMBERLAIN G.P. WELL- FIELD BLANK</b>	<input type="checkbox"/> (M)ultiple <input type="checkbox"/> (S)ingle	<input type="checkbox"/> (R)aw <input type="checkbox"/> (F)inished	7/14/21	R. Bushey
Routine or Special Sample	Original, Resubmitted or Confirmation Report	If Resubmitted Report, list below:			
<input 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			
<b>SAMPLE COMMENTS</b> - Such as, if a Manifold/Multiple sample, list the source(s) that were on-line during sample collection or if this is a field reagent blank					

**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#	
EPA 537.1	7/20/21	7/20/21	1	Primary Lab:	230202-4-FB
				Subcontracted Lab:	L2138171-08

CAS#	REGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL <sup>+</sup> ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane Sulfonic Acid (PFOS)	ND			0.638	1.91
335-67-1	Perfluorooctanoic Acid (PFOA)	ND			0.638	1.91
355-46-4	Perfluorohexane Sulfonic Acid (PFHxS)	ND			0.638	1.91
375-95-1	Perfluorononanoic Acid (PFNA)	ND			0.638	1.91
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND			0.638	1.91
335-76-2	Perfluorodecanoic acid (PFDA)	ND			0.638	1.91
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)		ND	--	20	-	-
UNREGULATED PFAS CONTAMINANTS						
375-73-5	Perfluorobutane sulfonic acid (PFBS)	ND			0.638	1.91
307-55-1	Perfluorododecanoic acid (PFDoA)	ND			0.638	1.91
307-24-4	Perfluorohexanoic acid (PFHxA)	ND			0.638	1.91
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND			0.638	1.91
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND			0.638	1.91
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND			0.638	1.91
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND			0.638	1.91
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND			0.638	1.91
763051-92-9	11-chloroelcoasfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND			0.638	1.91
756426-58-1	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	ND			0.638	1.91
919005-14-4	4,8-dioxa-3H-perfluorononanoic acid (ADONA)	ND			0.638	1.91
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND			0.638	1.91

<sup>1</sup> A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.

<sup>2</sup> All qualifiers must be described under Lab Analysis Comments on page 2.



**Per- and Polyfluoroalkyl Substances (PFAS) Report**

PWS ID#: **3315000**

Lab Sample ID#: 

Primary Lab:	230202-4-FB
Subcontracted Lab:	L2138171-08

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C <sub>2</sub> -PFHxA	<b>101</b>	
<sup>13</sup> C <sub>2</sub> -PFDA	<b>99</b>	
d <sub>5</sub> -NEtFOSAA	<b>101</b>	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	<b>100</b>	

Note: <sup>13</sup>C<sub>3</sub>-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 (LFB), 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:**

\* MCL or proposed MCL

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. Howard

Date: 7-30-21

If not submitting these results electronically, mail TWO copies of this report to your MassDEP 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 period, whichever is sooner. Note that during the Massachusetts COVID-19 state of emergency, in addition to submitting by mail reports may be emailed to [program.director-dwp@mass.gov](mailto:program.director-dwp@mass.gov).

MassDEP REVIEW STATUS (Initial & Date)	Review Comments	<input type="checkbox"/> WQTS Data Entered
<input type="checkbox"/> Accepted _____ <input type="checkbox"/> Disapproved		