

Massachusetts Department of Environmental Protection - Drinking Water Program

PFAS

Per- and Polyfluoroalkyl Substances (PFAS) Report

I. PWS INFOR	RMATION: Please re	fer to your DEF	Water Quality Sampl	ing Schedu	ile (WO:	5S) to I	nelp com	iplete thi	s form	Page 1 of		
I. PWS INFORMATION: Please refer to your DEP Water Quality Samp PWS ID #: 3315000 City/Town												
PWS Name:	WAYLAND WATER	DEPARTMENT	PWS Class: COM NTNC T TNC -									
DEP LOCATION DEP Location Name (LOC) ID#					u pinska, repringual pjin e rjakustens, klapa				te Collected Collected By			
1000				(M)ultiple								
10008		CHAMBERLAIN G.P. WELL				nished		2/2021	R. Bushey			
Routine Special Sa		Original, Resubmitted or Confirmation Report						d Report, li				
x RS □ S	SS X Original				Reason fo		Report Cor	rection	(2) Collection	Date of Original Samp		
AMPLE NOTES	– (Such as, if a Manifold/Mi	uftiple sample, list ar	ly sources that were on-line o		TO THE PARTY OF TH				TTO COLUMN TO SERVICE AND ADDRESS OF THE SERVICE			
-				anny oumpie t	conscitory.							
ANALYTICA	L LABORATORY IN	FORMATION:						LEG II		ra de compres		
rimary Lab Cert.	#: M-MA11	M-MA1118 Primary Lab Name M-MA030 Analysis Lab Name			ashoba A	nalytical	LLC	Subc	ontracted? (Y/	/N) Y		
nalysis Lab Cert	t.#: M-MAO				Alpha	June	contracted? (1/14)					
If Analysis Lab	is not certified by MassD	DEP or U.S. EPA, lis	t certification authority:									
Lab Black	Date	Date										
Lab Method	Extracted	Analyzed	Dilution Factor	Lab Sample IDs#								
EPA537.1	9/9/2021	9/9/2021 9/9/2021 1			di abada	232726-1						
				Subcontracted	l Lab:			L2	147423-01			
CAS#		Regulated PFAS Cor			Result	MCL	F	MRL				
4700.00.4			<u> </u>	Result ng/L	Qualifier	ng/L	MDL ng/L	ng/L				
1763-23-1		ANESULFONIC AC	411117	3.89			0.602	2				
335-67-1		ANOIC ACID-PFOA	4000	7.68			0.602	2				
355-46-4		ANESULFONIC AC	1111 11111	1.08	J		0.602	2		1 2		
375-95-1		ANOIC ACID-PFNA	7007	ND	0		0.602	2	. 1.4			
375-85-9		TANOIC ACID-PFHI	***************************************	2.81			0.602	2				
335-76-2	PERFLUORODEC	ANOIC ACID - PFD/	Α	ND			0.602	2	0 9 -			
ove the MRL; do	not include estimated resul	FOA, PFHxS, PFNA, PFHpA, and PFDA; only include results at or lude estimated results as described by a Result Qualifier in the next column)				20	0.602	2 -	g. a			
	UNREGULATED PF	AS CONTAMINANT	s									
375-73-5	PERFLUOROBUTA	ANESULFONIC ACI	D-PFBS	1.37			0.602			T		
307-55-1	PERFLUORODODI			ND ND	J	1.00	0.602	2				
307-24-4	PERFLUOROHEXA			2.81			0.602	2	-			
376-06-7		PERFLUOROTETRADECANOIC ACID - PFTA		ND ND				2		+		
72629-94-8		PERFLUOROTRIDECANOIC ACID - PFTRDA		ND			0.602	2				
2058-94-8	PERFLUOROUNDE			Service and			0.602	2				
2991-50-6			DOACETIC ACID - NETFOSAA	ND			0.602	2				
2355-31-9	N-METHYL PERFLUOR NMEFOSAA	COOCTANESULFONAMIC	IDOACETIC ACID - NETFOSAA	ND			0.602	2				
763051-92-9	11-CHLOROEICOSAFL	UORO-3-OXAUNDECA	NE-1-SULFONIC ACID-11CL-	ND			0.602	2				
756426-58-1	9-CHLOROHEXADECA	FLUORO-3-OXANONE-	1-SULFONIC ACID-9CL-	ND			0.602	2				
THE RESERVE OF THE RE	-36-1 PF3ONS			ND			0.602	2				
919005-14-4	4,8-DIOXA-3H-PERFL			ND			0.602	2				
13252-13-6	HEXAEL LIOROPROP	VI ENE OVIDE DIMER	LAGID LIEBA D.	1				0 15 Mg				

A field reagent blank (FRB) must be analyzed and reported on a separate PFAS form if any PFAS are detected above the MRL.
 All qualifiers must be described under Lab Analysis Comments on page 2.

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PWS ID#	3315000	3315000 Lab Sample ID#:		le ID#:	232726-1					
CAS#	UNREGULATED PFAS	CONTAMINANTS	Result	Result	INCL	MDL	MRL			
3,10 %	J. T. C.		µg/L	Qualifier	µg/L	µg/L	ug/L			
				-						
			 	+	-	-		-		
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					-					
			200 31/1//							
					<u> </u>					
				***************************************				********************		
	Surrogate Name	% Recovery (70-13	80%)		Alterna	te Surrog	ate (must d	cument re	ason for change)	
	13C2-PFHXA	91		HALL MANY SALES AND SALES						
	13C2-PFDA	92				4				
	D5-NETFOSAA	95								
	13C3-HFPO-DA	90								
	Note: 13C3-HFPO-DA is no	t required for EPA Met	hod 537 v1.1		dillin	Alberto.				
In addition to t	the SUR above you must a	ttach the results of th	e ongoing (OC regults a	e enecif	ied by the	method f	or the sam	nle's extraction h	natch
		Su	ırrogate Standa	irds (SUR), Labo	oratory For	tified Blank,	Matrix Spike/I	ouplicate (LFS	(LRB), Field Reagen M/LFSMD or FD) and nments below and	
Lab Analysis (Comments: (include sample	e/method parameters	outside of	or affecting	QC con	trols/limit	s and resu	t qualifiers		
Result Qualif	ier	Qualifier Description	on							
011 1										
Other Analysi	is Comments:									
	ify under penalties of law th fill out this form and the info			Primary L	ab Dii	ector §			12/h	www lin
	te and complete to the bes		-					200 000	-27-21	
	these results electronically, ma hich you received this report <u>or</u>					later than	10 days afte	r the end of	the	
DEP REVIEW	V STATUS (Initial & Date			Review						
Accented	4	Disapproved		Commente	I					Data Entered

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I. PWS INFOR	MATION: Please	refer to your DEP	Water Quality Sampli	ng Schedul	e (WQS	S) to he	elp comp	lete this	form			
PWS ID #:	0 #: 3315000 City/Town:				WAYLAND							
PWS Name:	WAYLAND WATE	R DEPARTMENT	PWS Class: COM NTNC TNC -									
DEP LOCATI (LOC) I		DEP Location Name			Sample Information			ollected	Collected By			
2000		HAPPY HOLLOW REPL. WELLS				w ished	9/2/2021 R. Bushey			Bushey		
Routine		Original, Resubmitted or					submitted	Report, lis	t below:			
Special S		X Original Resubmitted Confirmation			Reason for	r Resubm nalysis 🔲	ection	(2) Coffection Date of Original Sample				
CAMPLE NOTES			sources that were on-line d		-							
II. ANALYTIC	AL LABORATORY	/ INFORMATION:		-						The state of the s		
Primary Lab Cer	201 (2010)	MA1118	Primary Lab Name:	l N	ashoba Ar			Subc	ontracted? (Y/N)	Υ		
Analysis Lab Ce	rt.#: M-	MA030	Analysis Lab Name		Alpha	lansfield						
If Analysis La	b is not certified by Ma	assDEP or U.S. EPA, lis	t certification authority:									
	Date	Date				152						
	Lab Method Extracted Analyzed Dilution Factor				Lab Sample IDs#							
EPA537.1 9/9/2021 9/9/2021 1			Subcontracted Lab: L2147423-03									
									-			
CAS#		Regulated PFAS Cor		Result ng/L	Result Quaiffier	MCL ng/L	MDL ng/L	MRL ng/L				
1763-23-	PERFLUORO	OCTANESULFONIC AC	ID-PFOS	8.99			0.624	1.87				
335-67-1	67-1 PERFLUOROOCTANOIC ACID-PFOA			12.4			0.624	1.87				
355-46-4	PERFLUORO	PERFLUOROHEXANESULFONIC ACID-PFHXS					0.624	1.87	***************************************			
375-95-1	PERFLUORO	NONANOIC ACID-PENA		2.55	-		0.624	1.87				
375-85-9	375-85-9 PERFLUOROHEPTANOIC ACID-PFHPA		PA	4.46			0.624	1.87				
335-76-2	PERFLUORO	DECANOIC ACID - PFD	A	ND	-		0.624	1.87				
PFAS6 (sum of PFOS, PFOA, PFHxS, PFNA, PFHpA, and PFDA; above the MRL; do not include estimated results as described by a F column)			30.4		20	0.624	1.87		Hs-s-			
	UNREGULATE	D PFAS CONTAMINAN	rs									
375-73-5	PERFLUORO	BUTANESULFONIC AC	ID-PFBS	3.47			0.624	1.87				
307-55-1	PERFLUORO	DODECANOIC ACID - F	FDOA	ND			0.624	1.87	Li Li			
307-24-4	PERFLUORO	HEXANOIC ACID - PFH	XA	10.5			0.624	1.87				
376-06-7	PERFLUORO	TETRADECANOIC ACI	- PFTA	ND			0.624	1.87				
72629-94-	8 PERFLUORO	TRIDECANOIC ACID - F	PFTRDA	ND			0.624	1.87				
2058-94-	PERFLUORO	OUNDECANOIC ACID - P	FUNA	ND			0.624	1.87				
2991-50-6		LUOROOCTANESULFONAM FLUOROOCTANESULFONA	IDOACETIC ACID - NETFOSAA	ND			0.624	1.87				
2355-31-9	NMEFOSAA			ND			0.624	1.87				
763051-92	-9 PF3OUDS	OSAFLUORO-3-OXAUNDEC	ANE-1-SULFONIC ACID-11CL-	ND			0.624	1.87				
756426-58		ADECAFLUCKO-3-UXANON	E-1-SULFUNIC ACID-9CL-	ND			0.624	1.87				
919005-14	-4 4,8-DIOXA-3H-	PERFLUORONONANOIC	ACID - ADONA	ND			0.624	1.87				
13252-13-	6 HEXAFLUORO	PROPYLENE OXIDE DIME	R ACID - HFPO-DA	ND			0.624	1.87				

Rev 9/9/2020

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 All qualifiers must be described under Lab Analysis Comments on page 2.

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PWS ID#	3315000	Lab Sample ID#:				le ID#:	232726-2						
CAS#	UNREGULATED PFAS	CONTAMINANTS	Result MCL		MDL MRL ug/L ug/L								
OAO#	J. J		µg/L	Qualifier	μg/L	μg/L	ug/L						
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					-	╁┈┈							
	Surrogate Name	% Recovery (70-13	30%)		Alterna	te Surrog	ate (must d	ocument reason for change)					
	13C2-PFHXA	96											
	13C2-PFDA	97											
	D5-NETFOSAA	98											
	13C3-HFPO-DA	90											
	Note: 13C3-HFPO-DA is no	t required for EPA Met	nod 537 V1.1			Name of							
	All associated QC criteria reported within control limits including Lab Reagent/Method Blank (LRB), Field Reagent blank (FF 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.							/Duplicate (LFSM/LFSMD or FD) and RPD.					
Lab Analysis	Comments: (include sample	e/method parameter	s outside of	or affecting	QC cor	itrols/limi	ts and resu	ult qualifiers.					
Result Quali		Qualifier Description						The second secon					
Other Analys	sis Comments:	L					· · · · · · · · · · · · · · · · · · ·						
Outer Analys	sis communic.												
authorized to is true, accur	rtify under penalties of law t fill out this form and the inf rate and complete to the bes g these results electronically, ma	ormation contained h st extent of my knowl ail TWO copies of this n	nerein ledge. eport to your E	Primary I	Office no		Dat	te: <u>9-27-21</u>					
month in	which you received this report of	no later than 10 days	after the end o	of the reportin	g								
DEP REVIE	W STATUS (Initial & Dat			Review				wots					
Accepte	ed	Disapproved		Comment	s			Data Entere					