

## Per- and Polyfluoroalkyl Substances (PFAS) Report

Page 1 of 2

PWS ID #:	3315000			City	/ / Town:	WAYL	_AND				
PWS Name:	WAYLAND	WATER DEI	PARTMENT				PWS Class	: COM	⊠ NTNC	☐ TNC ☐	
MassDEP Location (LOC) ID#	۸	lassDEP Locat	ion Name		Sam	mple Information		Date Coll	ected	Collected By	
10008	CHAMBERLAIN G.P. WELL				☐ (M)ultip 図 (S)ingle		] (R)aw ] (F)inished	3/16/2	21	R. Bernard	
Routine or		Resubmitted o	r	Hamilian and virtual and virtu		ham - 4114000   12400400   1410	ubmitted Repo	rt, list below		a, was a remove a la face de l'asselle de la selle de de l'asselle de la seque	
Special Sample		mation Report		ļ	leason for Re			(2) Colle	ction Date of (	Original Sample	
RS S	☑ Original ☐ Res NTS - Such as, if a Ma			Resample							
SAMPLE COMME	in 13 - Such as, if a Ivia	IIIOIO/IVIGIAPIE Sa	imple, ust the s	source(s) that wer	e on-ine oun	ng sampa	e collection of it	tnis is a field	reagent blank		
Process of Section Section 2015			nao amin'ny mandritra	Peris-Drute den e-usseite au	A STATE OF THE STA	st Time of the ex-	erende var di Ontariosa, in da	Po Diseas Sessiones			
II. ANALYTIC	AL LABORATOR	Y INFORMA	TION:		a Vanto e e e e e e e e e e e e e e e e e e e		a edebu de sue abeboy s'es y sys	Allen (1965) And Allen (1966)	war will a state water that was	an na an na an an an	
Primary Lab Co	ert. #:	Primar	y Lab Name	:				Sub	contracted?	' (Y/N)	
Analysis Lab C	ert. #:	Analys	is Lab Name	ə:							
If Amelian's Lab	*									***************************************	
	is not certified by to cation authority:	wassueP or u	J.S.								
imbit investment and a second		B-4-	I	T							
Lab Method	Date Extracted	Date Extracted Date Dilution Analyzed Factor				Lab Sample IDs#					
EPA 537.1	3/18/21 3/18/21 1			Primary Lab		225336-1					
	3/10/21	3/18/21 3/18/21 1 Subcontracted La			ed Lab:	L2113042-01					
						Resul	t <sup>t</sup> Result <sup>2</sup>	MCL*	MDL	BAD):	
CAS#		REGULATED F	FAS CONTAI	MINANTS		ng/L			ng/L	MRL ng/L	
1763-23-	1 Perfluorooctane S	Perfluorooctane Sulfonic Acid (PFOS)				3.90	)		0.440	1.79	
335-67-	1 Perfluorooctanoid	Acid (PFOA)				8.27	7	_	0.559	1.79	
355-46-	4 Perfluorohexane	Sulfonic Acid (f	PFHxS)	,		1.36	3 J		0.430	1.79	
375-95-	1 Perfluorononanoi	c Acid (PFNA)	·····			ND		-	0.426	1.79	
375-85-	9 Perfluorohepatan	oic Acid (PFHp	A)			3.62	2		0.233	1.79	
335-76-	2 Perfluorodecanoi	c acid (PFDA)				ND			0.577	1.79	
Re	of PFOS, PFOA, PF sults at or above the scribed by a Result (	MRL; do not i	include estim	iated Results as		15.7	9	20	<u> </u>		
	· ·	INREGULATED	PFAS CONTA	AMINANTS							
375-73-	5 Perfluorobutane s	sulfonic acid (P	FBS)			1.72	2 J		0.254	1.79	
307-55-	1 Perfluorododecar	noic acid (PFDo	A)			ND			0.580	1.79	
307-24-	4 Perfluorohexanoi	c acid (PFHxA)				4.19	9		0.236	1.79	
376-06-	7 Perfluorotetradec	Perfluorotetradecanoic acid (PFTA)				ND			0.387	1.79	
72629-94-	8 Perfluorotridecan	Perfluorotridecanoic acid (PFTrDA)			ND	1		0.455	1.79		
2058-94-	Perfluoroundecanoic acid (PFUnA)			ND			0.383	1.79			
2991-50-	6 N-ethyl perfluoro	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)			ND	)	-	0.501	1.79		
2355-31-	9 N-methyl perfluor	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)			ND			0.537	1.79		
763051-92-	9 11-chloroeicosafí	uoro-3-oxaund	ecane-1-sulfo	nic acid (11CI-PI	3OUdS)	ND	)		0.188	1.79	
756426-58-	1 9-chlorohexadeca	afluoro-3-oxano	ne-1-sulfonic	acid (9CI-PF3OI	<b>1</b> S)	В			0.246	1.79	
919005-14-	4 4,8-dioxa-3H-perf	luorononanoic	acid (ADONA	)		ND	)		0.064	1.79	
13252-13-	Hexafluoropropylene oxide dimer acid (HFPO-DA)			ND	1	-	0.405	1.79			

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

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

**PFAS** 

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

Page 2 of 2

PWS ID#:	3315000	
----------	---------	--

Lab Sample ID#:

Primary Lab:	225336-1
Subcontracted Lab:	L2113042-01

CAS#	UNREGULATED PFAS CONTAMINANTS	Result¹ ng/L	Result² Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L
	***************************************			-		

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
13C₂-PFHxA	109	
<sup>13</sup> C <sub>2</sub> -PFDA	88	
d <sub>5</sub> -NEtFOSAA	94	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	102	

Note: 13C3-HFPO-DA is not required for EPA Method 537 v1.1

In addition to the S	UR above you must attach the results of	the ongoing Q0	results as specified by the method	for the sample's extrac	ction batch.
□ Laboratory ana	alytical report with QC attached (check	one item belo	ow).		
	ociated QC criteria reported within controls Standards (SUR), Laboratory Fortified B				FRB),
	ociated sample and/or QC batch criteria i	not met. See La	ab Analysis Comments below and r	arrative in attached rep	ort.
Lab Analysis Con	nments: (include sample/method parame	eters outside of	or affecting QC controls/limits and	result qualifiers)	
Result Qualifier	Qualifier Description			-	
		,			
Other Analysis Comments:				1	
* MCL or proposed N	I ICL es of law that I am the person authorized to fill c	out Prin	nary Lab Director Signature:	11-111	<u> </u>
this form and the info	formation contained herein is true, accurate a			10 0000 1- 1 -01	<i>law</i>
complete to the best of	extent of my knowledge.		Date:	4-1-21	
the month in whic	these results electronically, mail <u>TWO</u> cop ch you received this report <u>or</u> no later tha 's COVID-19 state of emergency, in additi	ın 10 days after	the end of the reporting period, wh	ichever is sooner. Note	that during the
MassDEP REVIEW	V STATUS (Initial & Date)				
☐ Accepted	☐ Disapproved	Review Comments			☐ WQTS Data Entered

☐ Accepted \_

\_\_\_\_ Disapproved



## Per- and Polyfluoroalkyl Substances (PFAS) Report

. PWS INFORI	MATION: Please	refer to your	MassDEP V	Vater Quality S	ampling Scl	nedule (W	QSS) to hel	p comple	te this form	
PWS ID #:	3315000			Cit	y / Town: [	WAYLAI	<b>ND</b>			**************************************
PWS Name:	WAYLAND	WAYLAND WATER DEPARTMENT				P	NS Class:	COM	☐ NTNC	☐ TNC ☐
MassDEP Location (LOC) ID#	Ŋ	MassDEP Locat	ion Name		Samp	ole Informat	ion	Date Coll	ected	Collected By
	CHAMBERLAIN	CHAMBERLAIN G.P. WELL- FIELD BLANK			☐ (M)ultip ☐ (S)ingle		R)aw i)inished	3/16/2	21	R. Bernard
Routine or		Resubmitted o	ır	Webserstwan are as a separative opposition	Vide (4+44-las) 4+21-an-an-an-an-an-an-an-an-an-an-an-an-an-	Median Militar Published Service and Constraint	nitted Report	in the second contract of the second contract	Avegers amore a minimum and a content of the conten	
Special Sample  ☐ RS ☐ SS	☐ Connin	mation Report	Name Company		Reason for Res			(2) Colle	ction Date of (	Original Samp
	NTS - Such as, if a Ma				Reanalysis			:-:- 6-1.1		
	**************************************	inounitupie se	ample, list tite s	source(s) that we	e on-ine dum	g sample co	HECKON OF IT IT	ils is a field	reagent blank	
					olesares resurence		Au Auminia Presidentinian	24/10/20 10: 10: 10: 10: 10: 10: 10: 10: 10: 10	The second secon	
ET HAD PARTER APPEAR. PM NA COME (MIN	L LABORATOR'	Y INFORMA	TION:				and the state of t	2109201-00101 2109201-00101	en del aksise en elektriste. Verdaleriste en elektriste	č. Svasta <u>e (400)</u>
rimary Lab Cer	rt. #:	Primar	y Lab Name	:		***		Sub	contracted?	Y(Y/N)
nalysis Lab Ce	ert.#:	Analys	is Lab Name	e:						
· Analysis I ah i	s not certified by I	Macabilla or I	1.0							
	ation authority:	viassueP or (	J.S.							
	···	Date	Dilution							
Lab Method	Date Extracted	Analyzed	Factor			L	ab Sample ID	s#		
EPA 537.1 3/18/21 3/18/21 1		Primary Lab	:	225336-1-FB						
	0,10,2.	V/ 1 V/ 2 1	<u> </u>	Subcontract	ed Lab:	L2113042-02				
CAS#		REGULATED F	PFAS CONTAI	MINANTS		Result¹ ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-1	Perfluorooctane S	Sulfonic Acid (P	PFOS)			ND	<u> </u>		0.473	1.92
335-67-1	Perfluorooctanoid	Acid (PFOA)	<del></del>			ND			0.600	1.92
355-46-4	Perfluorohexane	Sulfonic Acid (I	PFHxS)			ND			0.462	1.92
375-95-1	Perfluorononanoi	c Acid (PFNA)		***************************************		ND		-	0.458	1.92
375-85-9	Perfluorohepatan	oic Acid (PFHp	A)			0.308	J		0.250	1.92
335-76-2	Perfluorodecanoi	c acid (PFDA)				ND		]	0.620	1.92
Res	of PFOS, PFOA, PF ults at or above the cribed by a Result O	MRL; do not i	include estim	ated Results as		ND		20	-	
	U	NREGULATED	PFAS CONTA	MINANTS					1 - ·	- <del></del>
375-73-5	Perfluorobutane s	ulfonic acid (P	FBS)			ND		<u> </u>	0.273	1.92
307-55-1	Perfluorododecan	oic acid (PFDo	A)			ND			0.624	1.92
307-24-4	Perfluorohexanoi	c acid (PFHxA)				0.462	J	1	0.253	1.92
376-06-7	Perfluorotetradec	Perfluorotetradecanoic acid (PFTA)				ND			0.416	1.92
72629-94-8	Perfluorotridecanoic acid (PFTrDA)				ND		]	0.489	1.92	
2058-94-8	Perfluoroundecanoic acid (PFUnA)				ND		1	0.412	1.92	
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)				ND		-	0.539	1.92	
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)			ND		1	0.577	1.92		
763051-92-9	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CI-PF3OUdS)			3OUdS)	ND		]	0.202	1.92	
756426-58-1	9-chlorohexadeca	fluoro-3-oxano	ne-1-sulfonic	acid (9CI-PF3ON	NS)	ND		1	0.265	1.92
919005-14-4	4,8-dioxa-3H-perf	uorononanoic	acid (ADONA)			ND		]	0.069	1.92
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)			ND		1	0.435	1.92		

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

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



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

Page 2 of 2

PWS	ID#:

3315000

Lab Sample ID#:

Primary Lab:	225336-1-FB
Subcontracted Lab:	L2113042-02

☐ WQTS

Data Entered

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>1</sup> ng/L	Result² Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
				And the second of the second o		
				-		111
						•

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C₂-PFHxA	105	
¹³C₂-PFDA	91	
d <sub>5</sub> -NEtFOSAA	103	
<sup>13</sup> C₃-HFPO-DA	101	

Note: 13C3-HFPO-DA is not required for EPA Method 537 v1.1

In addition to the S	JR above you must attach the results of the ongoing QC results as specified by the method for the sample's extraction batch.
□ Laboratory ana	lytical report with QC attached (check one item below).
	ociated QC criteria reported within control limits including Lab Reagent/Method Blank (LRB), Field Reagent Blank (FRB), Standards (SUR), Laboratory Fortified Blank (LFB), Matrix Spike/Duplicate (LFSM/LFSMD or FD) and RPD.
	ociated sample and/or QC batch criteria not met. See Lab Analysis Comments below and narrative in attached report.
Lab Analysis Con	ments: (include sample/method parameters outside of or affecting QC controls/limits and result qualifiers)
Result Qualifier	Qualifier Description
Other Analysis Comments:	1
	s of law that I am the person authorized to fill out Primary Lab Director Signature:
	rmation contained herein is true, accurate and xtent of my knowledge.  Date: 4-/-21
If not submitting to the month in whic	nese results electronically, mail <u>TWO</u> copies of this report to your MassDEP Regional Office no later than 10 days after the end of th you received this report <u>or</u> 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.

Review

Comments

MassDEP REVIEW STATUS (Initial & Date)

Disapproved



## Per- and Polyfluoroalkyl Substances (PFAS) Report

	MATION: Please	rejer to your	Massuep W						p comple	te this for	m	
PWS ID #:	3315000			·	y / Town:	[ WAY	YLAN					
PWS Name:	WAYLAND	WATER DEF	PARTMENT		****	<u> </u>	PW	/S Class:	COM	<b>⊠</b> NTN	c 🗌 .	ГИС □
MassDEP Location (LOC) ID#	. N	MassDEP Locati	ion Name		Sam	iple Info	ormati	on	Date Collected		Colle	ected By
20006	HAPPY HOLLO	W REPL. WE	ELLS		⊠ (M)ultip □ (S)ingI				3/16/2	21	R. E	3ernard
Routine or Special Sample		Resubmitted or mation Report	r	Herentomonomonomonio		Hallette Bellette Campan	arla-warrielesiw	itted Report			**************************************	MENGEL CARLES OF Manufact to Ang
	☑ Original ☐ Res		onfirmation	Resample	Ceason for Re			Correction	(2) Colle	ction Date	of Origi	nal Samp
	ITS - Such as, if a Mar			`			,		nis is a field	reagent bla	nk	
									no to a nota	reagent bia	18315	
II ANALVTICA	L LABORATOR'	A INICUDMY.	TIANIA		NESTER (1908)	40527853			CT-7550(2)())	140745 1986 6 A S	sicanosy,	
aritina and volum material continues and continues and		agiri, diiste ilga paga ay away q	Derrich (1906 Her Parint) Colored (2005)	Carrier State (1997)	- 2417 - 144 Smithalistic Bully - 16 - 16 d			rusi enlam		e des Periodos e des Periodos	odkoleta Morettela	
Primary Lab Cer	t. #:	Primar	y Lab Name	:				***************************************	Sub	contracte	ed? (Y/	N)
Analysis Lab Ce	rt. #:	Analysi	is Lab Name	):								
If Analysis Lah is	s not certified by I	MaccDEP or I	10									
EPA, list certifica		Masspel O	J.G.									
	· 1	Date	Dilution								····	
Lab Method	Date Extracted	Analyzed	Factor				La	b Sample IC	)8#			
EPA 537.1	3/18/21	3/18/21	1	Primary Lab					225336	-2		
	Subcontracted Lab:			ed Lab:				L2113042	2-03			
2.24				·		Resi	1161	Result <sup>2</sup>	MCL*	MDL		MRL
CAS#		REGULATED P	FAS CONTAIN	MINANTS		ng/		Qualifier	ng/L	ng/L		ng/L
1763-23-1	Perfluorooctane S	Sulfonic Acid (P	FOS)			6.6	55			0.471		1.91
335-67-1	Perfluorooctanoic					10.	.6		†	0.596	3	1.91
355-46-4	Perfluorohexane S	Sulfonic Acid (F	PFHxS)			2.8	33		1	0.459	)	1.91
375-95-1	Perfluorononanoi	c Acid (PFNA)				1.3	38	J	-	0.455	5	1.91
375-85-9	Perfluorohepatano	oic Acid (PFHp/	A)			4.7	78		-	0.248		1.91
335-76-2	Perfluorodecanoid	c acid (PFDA)		****		NI	D			0.616	3	1.91
Resi	of PFOS, PFOA, PF ults at or above the cribed by a Result C	MRL; do not in	nclude estima	ated Results as	ide 3 =	24.	86		20	<u>.</u>		
	la de la composición dela composición de la composición dela composición de la compo	INREGULATED	PFAS CONTA	MINANTS		· <u></u>					-	. 4:14
375-73-5	Perfluorobutane s	ulfonic acid (Pf	FBS)			3.9	0			0.271	ı	1.91
307-55-1	Perfluorododecan	ioic acid (PFDo.	A)			NI	D			0.619	)	1.91
307-24-4	Perfluorohexanoid	c acid (PFHxA)				11.	.7			0.252	2	1.91
376-06-7	Perfluorotetradec	anoic acid (PFT	(A)			NI	D			0.413	3	1.91
72629-94-8	Perfluorotridecan	oic acid (PFTrD	A)			NI	D			0.486	3	1.91
2058-94-8	Perfluoroundecanoic acid (PFUnA)			N	D			0.409	)	1.91		
2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)			NI	D		<sup>-</sup>	0.535	5	1.91		
2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)			NI	D			0.573	3	1.91		
763051-92-9	11-chloroeicosaflu	uoro-3-oxaunde	cane-1-sulfor	nic acid (11CI-PF	30UdS)	N	D			0.201		1.91
756426-58-1	9-chtorohexadeca	ifluoro-3-oxano	ne-1-sulfonic	acid (9CI-PF3ON	IS)	NI	D			0.263	3	1.91
919005-14-4	4,8-dioxa-3H-perfl	uorononanoic a	acid (ADONA)			N	D		] .	0.068	3	1.91
13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)				NI	ח		1	0.432	<b>,</b>	1.91	

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.



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

Page 2 of 2

PWS ID#:	3315000

Lab Sample ID#:

Primary Lab:	225336-2
Subcontracted Lab:	L2113042-03

CAS#	UNREGULATED PFAS CONTAMINANTS	Result¹ ng/L	Result <sup>2</sup> Qualifier	MCL * ng/L	MDL ng/L	MRL ng/L
			· · · · · · · · · · · · · · · · · · ·			
				Activity of Secularity Security Securit		
				-	·	
			***************************************			

Surrogate Name	% Recovery (70 – 130%)	Alternate Surrogate (must document reason for change)
<sup>13</sup> C₂-PFHxA	113	
<sup>13</sup> C₂-PFDA	91	
d₅-NEtFOSAA	95	
<sup>13</sup> C <sub>3</sub> -HFPO-DA	100	

	Note: ¹3C₃-HFPO-DA is not re	quired for EPA	Method 537 v1.1	
In addition to the S	UR above you must attach the results of	the ongoing Q0	C results as specified by the method for the sample's ex	ktraction batch.
	alytical report with QC attached (chec	k one item belo	ow).	
			g Lab Reagent/Method Blank (LRB), Field Reagent Bla trix Spike/Duplicate (LFSM/LFSMD or FD) and RPD.	ınk (FRB),
🛛 All ass	ociated sample and/or QC batch criteria	not met. See La	ab Analysis Comments below and narrative in attached	report.
Lab Analysis Con	nments: (include sample/method param	eters outside of	f or affecting QC controls/limits and result qualifiers)	
Result Qualifier	Qualifier Description			
***************************************				
	\$ 100 mm and 100 mm an			
Other Analysis Comments:			1	
this form and the inf	ACL  so of law that I am the person authorized to fill formation contained herein is true, accurate a sextent of my knowledge.		mary Lab Director Signature: Land Z-	1 huaw the
complete to the best	satem of my anomougo.		Date / C(	
the month in whi	ch you received this report <u>or</u> no later the	an 10 days after	ort to your MassDEP Regional Office no later than 10 d the end of the reporting period, whichever is sooner. N ig by mail reports may be emailed to program.director-o	lote that during the
MassDEP REVIEV	V STATUS (Initial & Date)			_
☐ Accepted	☐ Disapproved	Review Comments		☐ WQTS Data Entered



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

Page 1 of 2

I. PWS INFOR	RMATI	ON: Please	refer to your	MassDEP W	ater Quality S	ampling Scl	hedule (W	2SS) to hel	o complet	e this form	
PWS ID#:		3315000	W-lack-Maryer-Basser		Cit	y / Town: [	WAYLA	ND.			
PWS Name:		WAYLAND	WATER DEF	PARTMENT	•		P۱	NS Class:	COM	☐ NTNC [	TNC [
MassDEP Location (LOC) ID#		Ň	MassDEP Locati	ion Name		Samı	ple Informat	ion	Date Colle	Collected Collected B	
	HAF	PY HOLLO	W REPL. WE	ELLS- FIEL	D BLANK	☐ (M)ultip ☐ (S)ingle				21	R. Bernard
Routine or			Resubmitted o	r	***************************************	udittelubetettultalitätte millinkytenmaensynna	***************************************	nitted Report		***************************************	sgar annag - vrivanma lablarımaridela bibidelibili i
Special Sample	(7,100						(2) Collec	tion Date of C	Original Sample		
SAMPLE COMMI					·				t- t <b>r</b> -11		
SAMPLE COMMI		ouch as, if a wa	iniologique sa	imple, list the s	ource(s) mar wer	e on-ime dum	ig sample co	HECTION OF IT TO	is is a rieio	reagent blank	
	Karalisa da					TERNATURA DE LA COMP		desentation of the contract of			A 15-September 1997
II. ANALYTIC	AL LA	BORATOR	Y INFORMA'	TION:			inalasikasikasi De Augustaniosi				
Primary Lab C	ert. #:		Primar	y Lab Name:	:				Sub	contracted?	(Y/N)
Analysis Lab C	Cert. #:		Analys	is Lab Name	»: [						
<u>-</u>											
If Analysis Lab			MassDEP or t	J.S.							
<u>,                                      </u>				T	L						
Lab Method	Da	ate Extracted	Date Analyzed	Dilution Factor			L	ab Sample ID	s#		
				Primary Lab	Primary Lab: 225336-2-F				-2-FB		
EPA 537.1		3/18/21 3/18/21 1 Subcontracted Lab:			ed Lab:	L2113042-04					
				· · · · · · · · · · · · · · · · · · ·		T	1				
CAS#			REGULATED P	FAS CONTAN	MINANTS		Result! ng/L	Result <sup>2</sup> Qualifier	MCL* ng/L	MDL ng/L	MRL ng/L
1763-23-	1 Pe	rfluorooctane S	Sulfonic Acid (P	(FOS)			ND			0.456	1.85
335-67-	-1 Pe	rfluorooctanoid	c Acid (PFOA)				ND		1	0.579	1.85
355-46-	4 Pe	rfluorohexane :	Sulfonic Acid (F	PFHxS)			ND			0.445	1.85
375-95-	-1 Pe	rfluorononanoi	ic Acid (PFNA)				ND		] -	0.441	1.85
375-85-	9 Pe	rfluorohepatan	oic Acid (PFHp	A)			0.297	J	1	0.241	1.85
335-76-	2 Pe	rfluorodecanoi	c acid (PFDA)				ND		1	0.597	1.85
Re	esults a	t or above the		include estima	FDA; only incluated Results as		ND	+ + + + + + + + + + + + + + + + + + +	20	<u>.</u>	
g travalent		Ú	JNREGULATED	PFAS CONTA	MINANTS	ika a	and grant				
375-73-	-5 Pe	rfluorobutane s	sulfonic acid (Pl	FBS)			ND			0.263	1.85
307-55-	-1 Pe	rfluorododecar	noic acid (PFDo	A)			ND		1	0.601	1.85
307-24-	4 Pe	rfluorohexanoi	ic acid (PFHxA)				0.445	J	1	0.244	1.85
376-06-	7 Pe	rfluorotetradec	anoic acid (PFT	ГА)			ND		1	0.400	1.85
72629-94-	-8 <b>P</b> e	rfluorotridecan	oic acid (PFTrD	)A)			ND			0.471	1.85
2058-94-	-8 Pe	Perfluoroundecanoic acid (PFUnA)				ND		]	0.397	1.85	
2991-50-	0-6 N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)			ND		-	0.519	1.85			
2355-31-	-9 <b>N</b> -1	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)			ND			0.556	1.85		
763051-92-	-9 11	chloroeicosafl	uoro-3-oxaunde	ecane-1-sulfor	nic acid (11CI-PI	-30UdS)	ND			0.195	1.85
756426-58-	-1 9-0	hlorohexadeca	afluoro-3-oxano	ne-1-sulfonic	acid (9CI-PF3OI	NS)	ND			0.255	1.85
919005-14-	-4 4,8	-dioxa-3H-perf	luorononanoic	acid (ADONA)			ND			0.066	1.85
13252-13-	6 He	Hexafluoropropylene oxide dimer acid (HFPO-DA)			ND		]	0.419	1.85		

<sup>&</sup>lt;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

Page 2 of 2

<b>PWS</b>	ID#:

3315000

Lab Sample ID#:

 Primary Lab:
 225336-2-FB

 Subcontracted Lab:
 L2113042-04

CAS#	UNREGULATED PFAS CONTAMINANTS	Result <sup>i</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> C₂-PFHxA	112	
¹³C₂-PFDA	97	
d <sub>5</sub> -NEtFOSAA	95	
<sup>13</sup> C₃-HFPO-DA	111	

Note: 13C3-HFPO-DA is not required for EPA Method 537 v1.1

In addition to the S	UR above you must attach the results of	the ongoing QC	c results as specified by the meth	od for the sample's extra	ction batch.
🛭 Laboratory and	alytical report with QC attached (check	one item belo	ow).		
	ociated QC criteria reported within contro Standards (SUR), Laboratory Fortified B				FRB),
🛛 All ass	ociated sample and/or QC batch criteria i	not met. See La	ab Analysis Comments below and	I narrative in attached rep	ort.
Lab Analysis Con	nments: (include sample/method parame	eters outside of	or affecting QC controls/limits ar	nd result qualifiers)	
Result Qualifier	Qualifier Description				
Other Analysis Comments:				Λ	
* MCL or proposed N		Date	and the Division Comments	11-111	· \/_
	es of law that I am the person authorized to fill of formation contained herein is true, accurate a	iut Prin nd	nary Lab Director Signature		earo UV
	extent of my knowledge.		Date	: <u>4-1-21</u>	
the month in whi	these results electronically, mail <u>TWO</u> copich you received this report <u>or</u> no later thats COVID-19 state of emergency, in additi	n 10 days after	the end of the reporting period, v	vhichever is sooner. Note	that during the
MassDEP REVIEV	V STATUS (Initial & Date)				

Review

Comments

☐ Accepted \_

\_\_\_\_\_ Disapproved