Town of Coupeville and Fort Casey Treatment Plant (Keystone Hill Well 108)

434 Wanamaker Road, Coupeville, WA 98239

Sample ID: WI-CV-1RW23-1017 Date Collected: October 19, 2017

Time Collected: 14:25

Validated Results Provided: March 29, 2018



TOWN OF COUPEVILLE

Below are the <u>validated</u> test results for your drinking water sampled on October 19, 2017. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory (LHA) for perfluorooctane sulfonate (PFOS) and/or perfluorooctanoic acid (PFOA). Based upon the completion of data validation, qualifier flags have been updated. A description of updates is listed in the table below. Changes are made based upon the review of the sample and the associated quality control samples.

The Navy's Environmental Restoration Program analyzed for 14 per- and polyfluoroalkyl substances (PFAS) as part of this drinking water investigation; however, PFOA and PFOS are the only PFAS for which EPA has established an LHA. The Navy provides bottled water when the sample results exceed the EPA's LHA. The Navy also analyzed for additional parameters for wells with PFAS detections, including select dissolved metals and general water quality parameters. These results are shown below.

If the EPA or the State of Washington Department of Ecology sets health advisories for other PFAS compounds in the future, then the Navy will evaluate necessary actions to take based on the health advisories.

Results of Laboratory Analytical Tests for PFAS with EPA Health Advisory Levels

Chemical Name	October 2017		
	Result (ppt)	Health Advisory (ppt)	
Perfluorooctane sulfonate (PFOS)	ND	70	
Perfluorooctanoic acid (PFOA)	64.7	70	
PFOS and PFOA (cumulative) <sup>1</sup>	64.7	70	

<sup>&</sup>lt;sup>1</sup> Only detected values of PFOS and PFOA are summed.

	October 2017	
Chemical Name	Result (ppt)	Health Advisory (ppt)
Perfluorobutane sulfonate (PFBS)	14.8	Not applicable
Perfluorohexanoic acid (PFHxA)	33.7	Not applicable
Perfluoroheptanoic acid (PFHpA)	10.6	Not applicable
Perfluorohexane sulfonate (PFHxS)	65.2	Not applicable
Perfluorononanoic acid (PFNA)	ND	Not applicable
Perfluoro-n-decanoic acid (PFDA)	ND	Not applicable
N-Ethylperfluoro-1-ocatanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable

ND - Analyte not detected in the sample

ppt - parts per trillion

Perfluoro-n-undecanoic acid (PFUnA)	ND	Not applicable
Perfluoro-n-dodecanoic acid (PFDoA)	ND	Not applicable
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	Not applicable
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	Not applicable

ND – Analyte not detected in the sample

### Results for other chemical parameters

	October 2017
Chemical Name	Result (units mg/L)
Total Metals	
Iron	0.47 U
Dissolved Metals	
Aluminum	0.44 U
Calcium	64 J
Iron	0.47 U
Magnesium	31 J
Manganese	0.043
Potassium	5.1
Silicon	17

J – Analyte present. Value may or may not be accurate or precise.

# Results for other chemical parameters, unvalidated

	October 2017
Chemical Name	Result (units mg/L)
Wet Chemistry	
Alkalinity	240
Ammonia	0.15 J
Bicarbonate Alkalinity as CaCO3	240
Carbonate Alkalinity as CaCO3	5.0 U
Chloride	28
Fluoride	0.041 J
Hydroxide Alkalinity as CaCO3	5.0 U
Nitrate/Nitrite	2.1
ortho-Phosphate	0.11 H
Sulfate	25
Total dissolved solids (TDS)	390 B
Total suspended solids (TSS)	2.0 U
Wet Chemistry	Result (units CM-1)
UV254	0.0173
Dissolved Wet Chemistry	Result (units mg/L)
Dissolved organic carbon	1.2

ppt – parts per trillion

mg/L – Milligrams per liter

U – The material was analyzed for, but not detected

These parameters were not validated because the purpose of collection was for drinking water characteristics only.

B – Analyte not detected above the level reported in blanks

CM-1 – Reciprocal centimeters

H - The analyte was analyzed outside of holding time

J – Analyte present. Value may or may not be accurate or precise.

mg/L - Milligrams per liter

 $\ensuremath{\mathsf{U}}$  – The material was analyzed for, but not detected

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Town of Coupeville and Fort Casey Treatment Plant (Well 487)

434 Wanamaker Road, Coupeville, WA 98239

Sample ID: WI-CV-1RW24-1017 Date Collected: October 19, 2017

Time Collected: 15:18

Validated Results Provided: March 29, 2018



TOWN OF COUPEVILLE

Below are the <u>validated</u> test results for your drinking water sampled on October 19, 2017. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory (LHA) for perfluorooctane sulfonate (PFOS) and/or perfluorooctanoic acid (PFOA). Based upon the completion of data validation, qualifier flags have been updated. A description of updates is listed in the table below. Changes are made based upon the review of the sample and the associated quality control samples.

The Navy's Environmental Restoration Program analyzed for 14 per- and polyfluoroalkyl substances (PFAS) as part of this drinking water investigation; however, PFOA and PFOS are the only PFAS for which EPA has established an LHA. The Navy provides bottled water when the sample results exceed the EPA's LHA.

If the EPA or the State of Washington Department of Ecology sets health advisories for other PFAS compounds in the future, then the Navy will evaluate necessary actions to take based on the health advisories.

### Results of Laboratory Analytical Tests for PFAS with EPA Health Advisory Levels

Chemical Name	October 2017	Haalah Aduisan (ana)	
	Result (ppt)	Health Advisory (ppt)	
Perfluorooctane sulfonate (PFOS)	ND	70	
Perfluorooctanoic acid (PFOA)	ND	70	
PFOS and PFOA (cumulative) <sup>1</sup>	ND	70	

<sup>&</sup>lt;sup>1</sup>Only detected values of PFOS and PFOA are summed.

ND - Analyte not detected in the sample

ppt - parts per trillion

	October 2017		
Chemical Name	Result (ppt)	Health Advisory (ppt)	
Perfluorobutane sulfonate (PFBS)	ND	Not applicable	
Perfluorohexanoic acid (PFHxA)	5.06 U-MBL	Not applicable	
Perfluoroheptanoic acid (PFHpA)	ND	Not applicable	
Perfluorohexane sulfonate (PFHxS)	ND	Not applicable	
Perfluorononanoic acid (PFNA)	ND	Not applicable	
Perfluoro-n-decanoic acid (PFDA)	ND	Not applicable	
N-Ethylperfluoro-1-ocatanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable	
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable	

	October 2017		
Chemical Name	Result (ppt)	Health Advisory (ppt)	
Perfluoro-n-undecanoic acid (PFUnA)	ND	Not applicable	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	Not applicable	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	Not applicable	
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	Not applicable	

ND – Analyte not detected in the sample

ppt – parts per trillion

U-MBL – The analyte was qualified as a non-detect due to potential high bias from the concentration reported in the associated method blank.

Town of Coupeville and Fort Casey Treatment Plant (Well 106)

434 Wanamaker Road, Coupeville, WA 98239

Sample ID: WI-CV-1RW25-1017 Date Collected: October 19, 2017

Time Collected: 12:38

Validated Results Provided: March 29, 2018



TOWN OF COUPEVILLE

Below are the <u>validated</u> test results for your drinking water sampled on October 19, 2017. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory (LHA) for perfluorooctane sulfonate (PFOS) and/or perfluorooctanoic acid (PFOA). Based upon the completion of data validation, qualifier flags have been updated. A description of updates is listed in the table below. Changes are made based upon the review of the sample and the associated quality control samples.

The Navy's Environmental Restoration Program analyzed for 14 per- and polyfluoroalkyl substances (PFAS) as part of this drinking water investigation; however, PFOA and PFOS are the only PFAS for which EPA has established an LHA. The Navy provides bottled water when the sample results exceed the EPA's LHA.

If the EPA or the State of Washington Department of Ecology sets health advisories for other PFAS compounds in the future, then the Navy will evaluate necessary actions to take based on the health advisories.

### Results of Laboratory Analytical Tests for PFAS with EPA Health Advisory Levels

	October 2017	Haalah Adadaa (mat)	
Chemical Name	Result (ppt)	Health Advisor (ppt)	
Perfluorooctane sulfonate (PFOS)	ND	70	
Perfluorooctanoic acid (PFOA)	ND	70	
PFOS and PFOA (cumulative) <sup>1</sup>	ND	70	

<sup>&</sup>lt;sup>1</sup>Only detected values of PFOS and PFOA are summed.

	October 2017	
Chemical Name	Result (ppt)	Health Advisory (ppt)
Perfluorobutane sulfonate (PFBS)	1.72 J	Not applicable
Perfluorohexanoic acid (PFHxA)	4.96 U-MBL	Not applicable
Perfluoroheptanoic acid (PFHpA)	ND	Not applicable
Perfluorohexane sulfonate (PFHxS)	ND	Not applicable
Perfluorononanoic acid (PFNA)	ND	Not applicable
Perfluoro-n-decanoic acid (PFDA)	ND	Not applicable
N-Ethylperfluoro-1-ocatanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable
Perfluoro-n-undecanoic acid (PFUnA)	ND	Not applicable

ND – Analyte not detected in the sample

ppt – parts per trillion

	October 2017		
Chemical Name	Result (ppt)	Health Advisory (ppt)	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	Not applicable	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	Not applicable	
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	Not applicable	

J – Analyte present, but result is estimated

ND – Analyte not detected in the sample

ppt – parts per trillion

U-MBL – The analyte was qualified as a non-detect due to potential high bias from the concentration reported in the associated method blank.

Town of Coupeville and Fort Casey Treatment Plant (Well 190)

434 Wanamaker Road, Coupeville, WA 98239

Sample ID: WI-CV-1RW26-1017 Date Collected: October 19, 2017

Time Collected: 13:10

Validated Results Provided: March 29, 2018



TOWN OF COUPEVILLE

Below are the <u>validated</u> test results for your drinking water sampled on October 19, 2017. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory (LHA) for perfluorooctane sulfonate (PFOS) and/or perfluorooctanoic acid (PFOA). Based upon the completion of data validation, qualifier flags have been updated. A description of updates is listed in the table below. Changes are made based upon the review of the sample and the associated quality control samples.

The Navy's Environmental Restoration Program analyzed for 14 per- and polyfluoroalkyl substances (PFAS) as part of this drinking water investigation; however, PFOA and PFOS are the only PFAS for which EPA has established an LHA. The Navy provides bottled water when the sample results exceed the EPA's LHA.

If the EPA or the State of Washington Department of Ecology sets health advisories for other PFAS compounds in the future, then the Navy will evaluate necessary actions to take based on the health advisories.

Results of Laboratory Analytical Tests for PFAS with EPA Health Advisory Levels

	October 2017	Health Advisory (ppt)	
Chemical Name	Result (ppt)		
Perfluorooctane sulfonate (PFOS)	ND	70	
Perfluorooctanoic acid (PFOA)	ND	70	
PFOS and PFOA (cumulative) <sup>1</sup>	ND	70	

<sup>&</sup>lt;sup>1</sup>Only detected values of PFOS and PFOA are summed.

ND - Analyte not detected in the sample

ppt - parts per trillion

	October 2017	
Chemical Name	Result (ppt)	Health Advisory (ppt)
Perfluorobutane sulfonate (PFBS)	ND	Not applicable
Perfluorohexanoic acid (PFHxA)	4.84 U-MBL	Not applicable
Perfluoroheptanoic acid (PFHpA)	ND	Not applicable
Perfluorohexane sulfonate (PFHxS)	ND	Not applicable
Perfluorononanoic acid (PFNA)	ND	Not applicable
Perfluoro-n-decanoic acid (PFDA)	ND	Not applicable
N-Ethylperfluoro-1-ocatanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable

	October 2017	Health Advisory (ppt)	
Chemical Name	Result (ppt)		
Perfluoro-n-undecanoic acid (PFUnA)	ND	Not applicable	
Perfluoro-n-dodecanoic acid (PFDoA)	ND	Not applicable	
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	Not applicable	
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	Not applicable	

N – Analyte not detected in the sample

ppt – parts per trillion

U-MBL – The analyte was qualified as a non-detect due to potential high bias from the concentration reported in the associated method blank.

Town of Coupeville and Fort Casey Treatment Plant (Post Treatment, Distribution Point)

434 Wanamaker Road, Coupeville, WA 98239

Sample ID: WI-CV-1RW27-1017 Date Collected: October 19, 2017

Time Collected: 12:10

Validated Results Provided: March 29, 2018



TOWN OF COUPEVILLE

Below are the <u>validated</u> test results for your drinking water sampled on October 19, 2017. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory (LHA) for perfluorooctane sulfonate (PFOS) and/or perfluorooctanoic acid (PFOA). Based upon the completion of data validation, qualifier flags have been updated. A description of updates is listed in the table below. Changes are made based upon the review of the sample and the associated quality control samples.

The Navy's Environmental Restoration Program analyzed for 14 per- and polyfluoroalkyl substances (PFAS) as part of this drinking water investigation; however, PFOA and PFOS are the only PFAS for which EPA has established an LHA. The Navy provides bottled water when the sample results exceed the EPA's LHA. The Navy also analyzed for additional parameters for wells with PFAS detections, including select dissolved metals and general water quality parameters. These results are shown below.

If the EPA or the State of Washington Department of Ecology sets health advisories for other PFAS compounds in the future, then the Navy will evaluate necessary actions to take based on the health advisories.

## Results of Laboratory Analytical Tests for PFAS with EPA Health Advisory Levels

	October 2017	Health Advisory (ppt)	
Chemical Name	Result (ppt)		
Perfluorooctane sulfonate (PFOS)	ND		
Perfluorooctanoic acid (PFOA)	36.8	70	
PFOS and PFOA (cumulative) <sup>1</sup>	36.8	70	

<sup>&</sup>lt;sup>1</sup>Only detected values of PFOS and PFOA are summed.

	October 2017	
Chemical Name	Result (ppt)	Health Advisory (ppt)
Perfluorobutane sulfonate (PFBS)	9.46 J	Not applicable
Perfluorohexanoic acid (PFHxA)	19.9	Not applicable
Perfluoroheptanoic acid (PFHpA)	5.31 J	Not applicable
Perfluorohexane sulfonate (PFHxS)	38.8	Not applicable
Perfluorononanoic acid (PFNA)	ND	Not applicable
Perfluoro-n-decanoic acid (PFDA)	ND	Not applicable
N-Ethylperfluoro-1-ocatanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable

ND - Analyte not detected in the sample

ppt - parts per trillion

	October 2017	
Chemical Name	Result (ppt)	Health Advisory (ppt)
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable
Perfluoro-n-undecanoic acid (PFUnA)	ND	Not applicable
Perfluoro-n-dodecanoic acid (PFDoA)	ND	Not applicable
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	Not applicable
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	Not applicable

J – Analyte present, but result is estimated

ppt – parts per trillion

Results for other chemical parameters

	October 2017
Chemical Name	Result (units mg/L)
Total Metals	
Iron	0.47 U
Dissolved Metals	
Aluminum	0.44 U
Calcium	61 J
Iron	0.47 U
Magnesium	34 J
Manganese	0.0044 J
Potassium	6.1
Silicon	17

J – Analyte present, but result is estimated

Results for other chemical parameters, unvalidated

	October 2017
Chemical Name	Result (units mg/L)
Wet Chemistry	
Alkalinity	250
Ammonia	0.12 J
Bicarbonate Alkalinity as CaCO3	250
Carbonate Alkalinity as CaCO3	5.0 U
Chloride	37
Fluoride	0.070 J
Hydroxide Alkalinity as CaCO3	5.0 U
Nitrate/Nitrite	2.2
ortho-Phosphate	0.19 H
Sulfate	22
Total dissolved solids (TDS)	420 B

ND – Analyte not detected in the sample

mg/L - Milligrams per liter

 $<sup>\</sup>ensuremath{\mathsf{U}}-\ensuremath{\mathsf{The}}$  material was analyzed for, but not detected

	October 2017 Result (units mg/L)	
Chemical Name		
Total suspended solids (TSS)	2.0 U	
Wet Chemistry	Result (units CM-1)	
UV254	0.0243	
Dissolved Wet Chemistry	Result (units mg/L)	
Dissolved organic carbon	1.7	

These parameters were not validated because the purpose of collection was for drinking water characteristics only.

B – Analyte not detected above the level reported in blanks

CM-1 – Reciprocal centimeters

H – The analyte was analyzed outside of holding time

J – Analyte present, but result is estimated

mg/L – Milligrams per liter

U – The material was analyzed for, but not detected

Town of Coupeville and Fort Casey Treatment Plant (Well 287) 434 Wanamaker Road, Coupeville, 98239

Sample ID: WI-CV-1RW60-1017 Date Collected: October 19, 2017

Time Collected: 15:30

Validated Results Provided: March 29, 2018



Below are the <u>validated</u> test results for your drinking water sampled on October 19, 2017. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory (LHA) for perfluorooctane sulfonate (PFOS) and/or perfluorooctanoic acid (PFOA). Based upon the completion of data validation, qualifier flags have been updated. A description of updates is listed in the table below. Changes are made based upon the review of the sample and the associated quality control samples.

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If the EPA or the State of Washington Department of Ecology sets health advisories for other PFAS compounds in the future, then the Navy will evaluate necessary actions to take based on the health advisories.

Results of Laboratory Analytical Tests for PFAS with EPA Health Advisory Levels

	October 2017	Health Advisory (ppt)	
Chemical Name	Result (ppt)		
Perfluorooctane sulfonate (PFOS)	ND		
Perfluorooctanoic acid (PFOA)	5.64 J	70	
PFOS and PFOA (cumulative) <sup>1</sup>	5.64 J	70	

<sup>&</sup>lt;sup>1</sup>Only detected values of PFOS and PFOA are summed.

	October 2017	
Chemical Name	Result (ppt)	Health Advisory (ppt)
Perfluorobutane sulfonate (PFBS)	1.11 J	Not applicable
Perfluorohexanoic acid (PFHxA)	5.07 U-MBL	Not applicable
Perfluoroheptanoic acid (PFHpA)	0.572 J	Not applicable
Perfluorohexane sulfonate (PFHxS)	5.00 J	Not applicable
Perfluorononanoic acid (PFNA)	ND	Not applicable
Perfluoro-n-decanoic acid (PFDA)	ND	Not applicable
N-Ethylperfluoro-1-ocatanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable

J - Analyte present, but result is estimated

ND - Analyte not detected in the sample

ppt - parts per trillion

	October 2017	
Chemical Name	Result (ppt)	Health Advisory (ppt)
Perfluoro-n-undecanoic acid (PFUnA)	ND	Not applicable
Perfluoro-n-dodecanoic acid (PFDoA)	ND	Not applicable
Perfluoro-n-tridecanoic acid (PFTrDA)	ND	Not applicable
Perfluoro-n-tetradecanoic acid (PFTeDA)	ND	Not applicable

J – Analyte present, but result is estimated

ND – Analyte not detected in the sample

ppt – parts per trillion

U-MBL – The analyte was qualified as a non-detect due to potential high bias from the concentration reported in the associated method blank.

Data					Labo	Laboratory Data					
Name: CH2M Hill Project: CLEAN C Location: DW	CH2M Hill CLEAN CTO-4041 NASWI DW	Matrix: Date Collected:		Drinking Water 19-Oct-17 14:25	Lab S Date	Lab Sample: Date Received:	1701526-12 21-Oct-17 09:30	09:30	Column	BEH C18	
Analyte		Conc. (ug/L)	DL	TOD.	001	Qualifiers	Batch	Extracted	Samp Size	Anglyzed	Dilution
PFBS		0.0148	0.000427	0 00482	0.00064		D710173	76 0 . 17		Mary Lynnas	Homen
PFHxA		0.0337	0.000639	0.00482	0.00964	Ų	B710173	26 Oct 17	0.259 L	01-Nov-17 03:15	-
РЕНРА		0.0106	0.000514	0.00482	0.00964	,	B7J0173	26-Oct-17	0 250 1	01-Nov-17 03:15	
PFAXS		0.0652	0.000400	0.00482	0.00964		B7J0173	26-Oct-17	0 259 1	01-Nov-17 03:15	
PENIA		0.0647	0.00104	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	
PEOS		ND	0.00139	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	
PEDA		ND	0.00100	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
MeFOSAA		j Z	0.00123	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	
ETEOSA A		R	0.00293	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
PELINA		į E	0.00186	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
PFDoA		E	0.000246	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
PFTrDA		i E	0.000917	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
PFTeDA		Ě	0.000909	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
Labeled Standards	Type	OV D	0.000/49	0.00482	0.00964		B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
3C2-PFH-A	ST IN	70 MECOVERY		Shurr		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
I3C2-PEDA	SURK	107		70 - 130			B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
ds-Eteory v	SURR	201		70 - 130			B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	_
00.00	SORK	103		70 - 130			B7J0173	26-Oct-17	0.259 L	01-Nov-17 03:15	-



	When reported, PFHAS, PFOA and PFOS include both linear and branched isomers.  Only the linear isomer is reported for all other analytes.	nclude both lines	When reperted, PFHxS, PFOA and PFOS include both Only the linear isomer is reported for all other analysis.	orted, PFILXS, I	When repo	TH.	- upper control lin	LCL-UCL- Lower control limit - upper control limit Results reported to the DL	LCL-UCL Results rep	tection	LOD - Limit of Detection LOQ - Limit of quantitation	mit	DL - Detection Limit
_	01-Nov-17 03:40	0.247L	26-Oct-17	B7J0173			70 - 130		107	^	SUKK		Dit 00757
_	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173			70 - 130		7.16		SONN		ds-Frenca a
-	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173			70 - 130		100	- /	STIDS		13C2-PFDA
Dilution	Analyzed D	Samp Size	Extracted	Batch	Qualiners		Families		100		er mar		3C2-PFH <sub>x</sub> A
-	01-Nov-17 03:40	0.247 L	1	B/J01/3	2 22	0.0101	0.00000		% Recovery	0	Type	ards	abeled Standards
_	01-Nov-17 03:40	0.24/L	20-Oct-17	D710173		0.0101	0.00506	0 000787	ND				PFTeDA
-	01-1001-100:40	0.647	26 Oct 17	B710173		0.0101	0.00506	0.000955	ND				PrirDA
	01-Nov 17 03:40	0 247 [	26-Oct-17	B7J0173		0.0101	0.00506	0.000964	ND				
_	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173		0.0101	0.00506	0.000258	N				PFDA
	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173		0.0101	0.00506	0.00195	j				PFUnA
_	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173		0.0101	0.00506	0.00308	1				EtFOSAA
_	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173		0.0101	0.00500	0.00130					MeFOSAA
_	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173		1010.0	0.00500	0.00130	N. C.				PFDA
-	01-Nov-17 03:40	0.247 L	26-Oct-17	B/J01/3		0.0101	0.00506	0.00105	Z ;				PFOS
-	01-Nov-17 03:40	0.24/L	70-Oct-1/	D7J0173		0.0101	0.00506	0.00146	Z				PFNA
-	01-N0V-1/03:40	1.47.0	20 00-17	D710173		0 0101	0.00506	0.00109	ND				PFOA
	01 No. 17 03.10	0 217 1	26-Oct-17	B7I0173		0.0101	0.00506	0.000420	N				200
	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173		0.0101	0.00506	0.000540	N				PEH <sub>x</sub> S
MR	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173	4	0.0101	0.00506	0.0006/1	ď	0.00000			PFH <sub>D</sub> A
-	01-Nov-17 03:40	0.247 L	26-Oct-17	B7J0173		0.0101	0.00506	0.000449		a ancal			PFH <sub>X</sub> A
Dilution	Analyzed L	Samp Size	Extracted	Batch	Qualifiers	POO	LOD	DL	Counc. (ag) L)	9			PFBS
						-	TON		ne (no/L)	Go			Analyte
			7 09:30	21-Oct-17 09:30	Date Received:	Date	19-061-17 15:18		Date Collected.			DW	Location:
_	BEH C18	Column:	14	1701526-14	Lab Sample:	Lab	Drinking Water		Matrix:		CLEAN CTO-4041 NASWI	CLEAN CT	Project:
					Laboratory Data	Labo						CUOM II:II	Client Data
od 537	EPA Method 537												2
											24-1017	Sample ID: WI-CV-1RW24-1017	ample ID:

	When reported, PFTKS, PFOA and PFOS include both linear and branched isomers.  Only the linear isomer is reported for all other analytes.	nclude both linea her analytes	When reported, PFI ixS, PFOA and PFOS include both Only the linear isomer is reported for all other analytes	orted PHIXS. P	When rep Only the l	nt	t - upper control lin	LCL-UCL- Lower control limit - upper control limit Results reported to the DL	LCL-UCL- Results repo	LOD - Limit of Detection LOQ - Limit of quantitation		DL - Detection Limit
_	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173			70 - 130		70.0	OOM		
_	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173			/0 - 130		0.00	STIPP		d5-EtFOSAA
_	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173			70 - 130		105	SIGN		13C2-PFDA
Dilution	Analyzed Di	Samp Size	Extracted	Batch	Qualifiers		Similar		105	SUBB		13C2-PFHxA
-	01-Nov-17 01:47			8/101/3	2	1,6600.0	1 imits	0.000110	% Recovery	Type	ds	Labeled Standards
_	01-Nov-1/01:47		70-061-17	D710173		0.00001	0.00406	0.000770	Z			PFTeDA
_	01-1404-17-01.47		26 Oct 17	B710173		0.00991	0.00496	0.000935	ND			PFIFDA
	01-Nov-17 01:17		26-Oct-17	B7J0173		0.00991	0.00496	0.000944	ND			DET-DA
_	01-Nov-17 01:47		26-Oct-17	B7J0173		0.00991	0.00496	0.000253	ND			DEIDO A
_	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173		0.00991	0.00496	0.00191	N			PFI In A
-	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173		0.00991	0.00496	0.00301				EtFOSAA
_	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173		0.00991	0.00496	0.00127	No.			MeFOSAA
-	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173		0.00991	0.00496	0.00103	3			PFDA
_	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173		1,00001	0.00496	0.00143	N 3			PFOS
_	01-Nov-17 01:47	0.252 L	26-Oct-17	B7J0173		16600.0	0.00490	0.00107	NI NI			PFNA
-	01-Nov-17 01:47	0.252 L	26-Oct-17	B/J01/3		0.00991	0.00476	0.0007	N C			PFOA
_	01-Nov-1/01:47	0.232 L	70-001-17	0710173		100001	90100	0.000411	CN			PFHxS
17.00	01 11 01 17 01 17	0 262 0	36 Oct 17	B710173		0.00991	0.00496	0.000528	ND			rrnpA
1	01-Nov-17 01:47	0.2521	26-Oct-17	B7J0173	ŧ	0.00991	0.00496	0.000657	0.00746 0:00224 W	0.0		DEU-A
-	01-Nov-17 01-47	0.2521.	26-Oct-17	B7J0173	J	0.00991	0.00496	0.000439	0.00172	·		PEHYA
Dilution	Analyzed Di	Samp Size	Extracted	Batch	Qualifiers	DOO	TOD	DL	Conc. (ug/L)			PERC
												Analysis
			09:30	21-Oct-17 09:30	Date Received:	Date	13-001-17 12:38		0		DW	Location:
	BEH C18	Column:	8(	1701526-08	Lab Sample:	Lab	Drinking Water		Matrix:	SWI	CLEAN CTO-4041 NASWI	Project:
					Laboratory Data	Labo					CHOM HILL	Name:
/ CC D	ETA MEMOR 33/											('Bant Data
1 5 2 7	FDA Matha										Sample ID: WI-CV-1RW25-1017	Sample ID: W

01-Nov-17 02:12   1 01-Nov-17 02:12   1 01-Nov-17 02:12   1 Analyzed Dilution 01-Nov-17 02:12   1 01-Nov-17 02:12   1 01-Nov-17 02:12   1								101 101	LOD - 1 mit of Datactics	:	DL - Detection Limit
	0 250 1 01	26-Oct-17	B7J0173			001 - 07		70.7			
	0.2391 01	70-Oct-17	D/JOJ/3			30 100		90.7	SURR		d5-EtFOSAA
		26 Oct 17	B710173			70 - 130		99.1	SURR		I3C2-PFDA
	- 1	26-Oct-17	R7I0173			70 - 130		102	SURR		I3CZ-PFHXA
-Nov-17 02:12    -Nov-17 02:12    -Nov-17 02:12	Samp Size	Extracted	Batch	Qualifiers		Limits		% Kecovery	sdi:		TO DETT
I-Nov-17 02:12   I I-Nov-17 02:12   I	0.259 L 01	26-Oct-17	B7J0173		0.00967	0.00484	0.000.01	0/ 10	Type	ndards	abeled Standards
I-Nov-17 02:12	0.259 L 01	26-Oct-17	B/J0173		0.00907	0.00464	0.000751	CN.			PFTeDA
		26-Oct-17	B/J01/3		0.00007	0.00404	0.000012	NJ.			$PFT_rDA$
1 71:70 / 1-AON-10		20-04-17	D710173		0 00067	0.00484	0.000921	N.			PI·DoA
01-1404-17 02.12		26-Oct 17	B710173		0.00967	0.00484	0.000247	ND			VIIOLU
-Nov-17 02:12		26-Oct-17	B7J0173		0.00967	0.00484	0.00187	ND			II. A
01-Nov-17 02:12		26-Oct-17	B7J0173		0.00967	0.00484	0.00294	NU			FIFOSAA
01-Nov-17 02:12	0.259 L 01	26-Oct-17	B7J0173		0.00967	0.00484	0.00124	<b>i</b> i			MeFOSAA
01-Nov-17 02:12	0.259 L 01	26-Oct-17	B7J0173		0.00967	0.00484	0.00101				PFDA
01-Nov-17 02:12	0.259 L 01	26-Oct-17	B/101/3		0.00907	0.00464	0.00101				PFOS
01-Nov-1/02:12		11-120-07	10170175		0 00067	0.00494	0.00130	ZN			PHNA
1-1404-17 OZ.12		36 Oct 17	B710173		0.00967	0.00484	0.00104	ND			
01-Nov-17 02:12		26-Oct-17	B7J0173		0.00967	0.00484	0.000401	UN			NO <sub>A</sub>
01-Nov-17 02:12	0.259 L 0	26-Oct-17	B7J0173		0.00967	0.00484	0.000313	i i			PFHxS
01-Nov-17 02:12	0.259 L 0	26-Oct-17	B7J0173	+	0.00967	0.00484	0.000616	CIN Section 1			PFHpA
01-Nov-17 02:12	0.259 L 0	26-Oct-17	B7J0173		0.00967	0.00484	0.000428	O 00484 0400 0			PFH <sub>K</sub> A
Analyzed Dilution	azic dure	Sant acted					000000	NID			PFBS
	Samn Size	Extracted	Batch	Oualifiers	001	LOD	DL	Conc. (ug/L)			Analyte
		707.30	200							DW	Location:
BEH C18	Column:	7 09:30	1701526-10	Lab Sample: Date Received:	Lab	19-Oct-17 13:10		Date Collected:	CLEAN CTO-4041 NASWI	CLEAN C	Project:
				Laboratory Data	Lab	Wes	7	Matrix		CH2M Hill	Name:
											Client Data

CI. IN. W	# ) #										
Client Date	Client Date									EPA Method 537	hod 537
Name: Project: Location:	CH2M Hill CLEAN CTO-4041 NASWI DW	Matrix: Date Collected:		Drinking Water 19-Oct-17 12:10	Labor Lab S Date I	Laboratory Data Lab Sample: Date Received:	1701526-06 21-Oct-17 09:30	6	Column:	BEH C18	
Analyte		Conc. (ug/L)	DL	CIOT	D07	Qualifiers	Batch	Extracted	Samp Size	Inglyzad	N. C.
PFBS		0.00946	0.000438	200000	0.00000	-			A const	Dazkiena	попина
PFHXA		0.00540	0.000438	0.00495	0.00989	( -	B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	2 1
PFHpA		0.0053	0.000636	0.00495	0.00989	de	B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	-
PFHxS		0.00531	0.000527	0.00495	0.00989	J	B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	_
PFOA		0.0388	0.000411	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01-22	-
PENA		0.0368	0.00107	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01-22	
PFOS		S	0.00142	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01-22	
PFDA		N	0.00103	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	
MeFOSAA		i N	0.00127	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	-
EtFOSAA			0.00301	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	_
PFUnA		j	0.00191	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	-
PFDoA		2	0.000252	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	-
PFTrDA		i Z	0.000942	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	,
PFTeDA		N	0.000933	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	-
Labeled Standards		0/ Barrier	0.000/69	0.00495	0.00989		B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	-
13C2 DEUA		/o NECOVETY		Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
I3C2-PEDA	SURR	103		70 - 130			B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	
dS-EtEOSA A	SURK	97.7		70 - 130			B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	
	SURK	111		70 - 130			B7J0173	26-Oct-17	0.253 L	01-Nov-17 01:22	-
DL - Detection Limit	LOD - Limit of Detection	TCT-UCT- I	Lower control limit	LCL-UCL- Lower control limit - upper control limit	111	When repo	ned, PFHxS, P	OA and PEOS	nelude both lines	When reported, PFHxS, PFOA and PFOS include both linear and branched account	
	LOQ - Limit of quantitation	Results repor	Results reported to the DL			Only the li	near isomer is r	Only the linear isomer is reported for all other analysis.	her analyses	as and pranched isome	55



Collected: 19-Oct-1715:30   Date Received: 21-Oct-17 09:30   Dat	When repeated, PFHx8, PFOA and PFOS include both linear and branched isomers	nelude both linear ii	When reported, PFHxS, PFOA and PFOS include both	nted, PFHxS, P	When repo	limit	LCL-UCL- Lower control limit - upper control limit	LCL-UCL- Lower control la	LCL-UCL	of Detection	LOD - Limit of Detection	DL - Detection Limit
Laboratory Data   Laboratory	1-Nov-17 04:04		26-Oct-17	B7J0173		0	70 - 130		Ξ	NACC	0	(2)
Collected: 19-Oct-17 15:30   Date Received: 21-Oct-17 09:30   Da	I-Nov-17 04:04		26-Oct-17	B/J01/3			10 - 1M		2 2 2	IDD	2	d5-EtFOSAA
Laboratory Data   Laboratory	I-INOV-17 04:04		70-061-17	0750175		יכ	70 137		944	SURR	S	13C2-PFDA
Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Lab Sample:   1701526-16   Column:   BEH C18   Collected:   19-Oct-17 15:30   Date Received:   21-Oct-17 09:30   Column:   BEH C18   Date Received:   21-Oct-17 09:30   Date R				R710173		0	70 - 130		98.6	SURR	S	13C2-PFH <sub>X</sub> A
Collected: 19-Oct-1715:30   Date Received: 21-Oct-17 09:30			- [	Batch	Qualifiers		Limits		% Recovery	Lype	ly	Shipmipic param
Laboratory Data   Laboratory	1-Nov-17 04:04		26-Oct-17	B7J0173	01	0.010	0.00507	0.000788	UN			aheled Standards
Drinking Water   Laboratory Data   Lab Sample:   1701526-16   Column:   BEH C18	1-Nov-17 04:04		26-Oct-17	B7J0173	)1	0.010	0.00507	0.000957				)FTeDA
Laboratory Data   Laboratory	1-Nov-17 04:04		26-Oct-17	B7J0173	01	0.010	0.00507	0.000966	N N			PFTrDA
Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Lab Sample:   1701526-16   Column:   BEH C18   Collected:   19-Oct-17 15:30   Date Received:   21-Oct-17 09:30   Date	1-Nov-17 04:04		26-Oct-17	B7J0173	91	0.010	0.00507	0.000259			*	PFDoA
Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Lab Sample:   1701526-16   Column:   BEH C18   Collected:   19-Oct-17 15:30   Date Received:   21-Oct-17 09:30   Date Received:   21-O	1-Nov-17 04:04		26-Oct-17	B7J0173	91	0.010	0.00507	0.00196	i d			PFUnA
Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Lab Sample:   1701526-16   Column:   BEH C18   Collected:   19-Oct-17 15:30   Date Received:   21-Oct-17 09:30   Date Received:   21-O	I-Nov-17 04:04		26-Oct-17	B7J0173	01	0.010	0.00507	0.00308	N			EtFOSAA
Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Lab Sample:   1701526-16   Column:   BEH C18   Collected:   19-Oct-17 15:30   Date Received:   21-Oct-17 09:30   Extracted   Samp Size   Analyzed   0.000449   0.00507   0.0101   J.B.   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.000673   0.00507   0.0101   J.B.   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.000541   0.00507   0.0101   J.B.   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00140   0.00507   0.0101   J.B.   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00146   0.00507   0.0101   J.B.   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00146   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B7J0173   26-Oct-17   0.246 L   01-Nov-17 04:04   0.00166   0.00507   0.0101   B	1-Nov-17 04:04		26-Oct-17	B7J0173	91	0.010	0.00507	0.00130	3 3			MeFOSAA
Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Lab Sample:   1701526-16   Column:   BEH C18   Collected:   19-Oct-17 15:30   Date Received:   21-Oct-17 09:30   DL   LOD   LOD   Qualifiers   Batch   Extracted   Samp Size   Analyzed   Dilution   Dilution	1-Nov-17 04:04		26-Oct-17	B7J0173	01	0.010	0.00507	0.00136				PFDA
Laboratory Data   Laboratory	1-Nov-17 04:04		26-Oct-17	B7J0173	91	0.010	0.00507	0.00140	<b>E</b> 6			PFOS
Laboratory Data   Laboratory	1-Nov-17 04:04	8893	26-Oct-17	B/J01/3	01	0.01	0.00507	0.00116	UN -			PFNA
Laboratory Data   Laboratory	1-Nov-17 04:04		26-Oct-17	B/J01/3	91	0.01	0.00007	0.00010	0.00564			PFOA
Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Laboratory Data   Lab Sample: 1701526-16   Column: BEH C18   Collected: 19-Oct-1715:30   Date Received: 21-Oct-1709:30   DL LOD LOQ Qualifiers Batch Extracted Samp Size Analyzed Dilution   0.000449   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.0101   J.B   B7J0173   26-Oct-17   0.246 L   01-Nov-1704:04   1   0.00507   0.010	I-Nov-17 04:04		20-Oct-17	D710173	)	0.01	0.00507	0.000421	0.00500			PFHxS
Laboratory Data	I-NOV-17 04:04 1		26 Oct 17	B710173	- 1	0.01	0.00507	0.000541	0.000572			PrHpA
Collected: 19-Oct-17 15:30	1 Nov. 17 04.04		26-Oct-17	R710173		0.010	0.00507	0.000673	0.00507 0.00320 (	0.005		PFHXA
Ix: Drinking Water Lab Sample: 1701526-16 Collected: 19-Oct-17 15:30  Date Received: 21-Oct-17 09:30  DL LOD LOQ Qualifiers Batch Extracted Samp Size Analyzed			26-Oct-17	B7J0173	J J	0.010	0.00507	0.000449	0.00111			PFBS
Drinking Water Lab Sample: 1701526-16 19-Oct-17 15:30 Date Received: 21-Oct-17 09:30		Samp Size	Extracted	Batch		1.0	TOD	DL	Conc. (ug/L)			Analyte
Laboratory Data	ВЕН С18	Column:	09:30	1701526-1 21-Oct-17	Lab Sample: Date Received:		oking Water Oct-17 15:30		Matrix: Date Co		CH2M HIII CLEAN CTO-4041 NASWI DW	Project: CLE Location: DW
« ·					Laboratory Data							Data
EPA Method 537	EPA Method 537										/-IVA-00-101/	Sample 10: WI-CV-INW00-101/

that this compound is present. The detection limit ( $\mathbf{DL}$ )is the lowest level at which the laboratory can reliably "see'

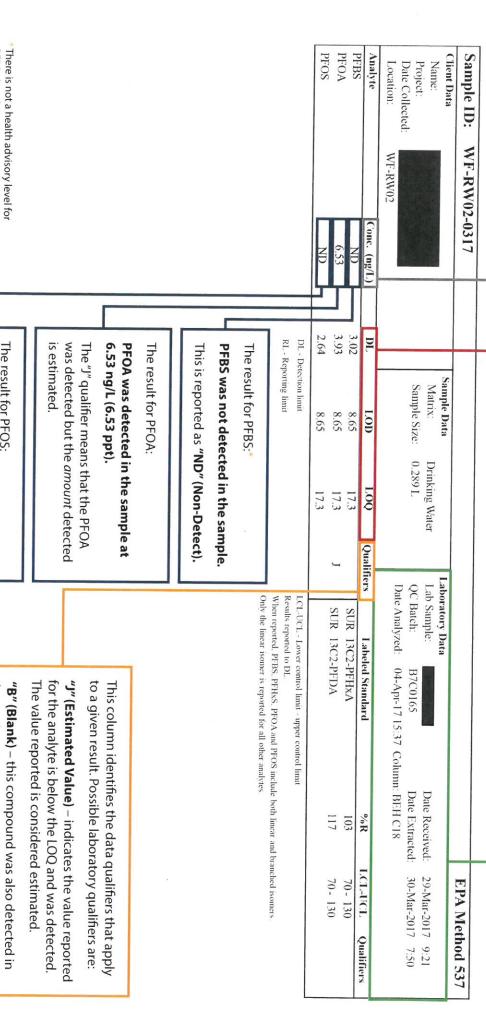
The limit of detection (LOD) is the lowest level at which the laboratory can reliably

"see" this compound is **not** present. reliably measure this compound with a known degree of confidence and accuracy. The limit of quantitation (LOQ) is the lowest level at which the laboratory can

nanogram(s) per liter 1ng/L

part(s) per trillion 1 ppt

quality control the data validator. This section contains information used by



has health effects information that can be Navy's Environmental Restoration Program used to evaluate potential impact under the

PFOS was not detected in the sample.

This is reported as "ND" (Non-Detect).

from a diluted sample

"D" (Diluted Sample) – sample result was taken

the method blank.

The result for PFOS:

PFBS; therefore, no action is currently being There is not a health advisory level for taken based on this result. This chemical