

**Town of Coupeville – Ft. Casey Treatment
Plant (Well 108)
434 Wanamaker Road
Coupeville, WA 98239
WI-CV-1RW23-0421
April 14, 2021
09:09
Validated Results Provided: July 21, 2021**

Below are the **validated** test results for your drinking water sampled on April 14, 2021. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory for Perfluorooctane Sulfonate (PFOS) and/or Perfluorooctanoic acid (PFOA). Based upon the completion of data validation, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for eighteen 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 a lifetime health advisory. The Navy provides bottled water when the sample results exceed the EPA's lifetime health advisory.

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	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorooctane Sulfonate (PFOS)	1.44 J	70
Perfluorooctanoic acid (PFOA)	66.3	70
PFOS and PFOA (cumulative) ¹	67.74	70

¹ Only detected values of PFOS and PFOA are summed.

J - Analyte present, but result is estimated

ppt – parts per trillion

Results for other PFAS where no EPA Health Advisory Levels have been established

Chemical Name	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	20.6	Not applicable
Perfluorohexanoic acid (PFHxA)	39.6	Not applicable
Perfluoroheptanoic acid (PFHpA)	9.96	Not applicable
Perfluorohexane sulfonate (PFHxS)	69.7	Not applicable
Perfluorononanoic acid (PFNA)	ND	Not applicable
Perfluoro-n-decanoic acid (PFDA)	ND	Not applicable
N-Ethylperfluoro-1-octanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable

Sample ID: WI-CV-1RW23-0421

EPA Method 537.1

Client Data		Matrix:		Laboratory Data							
Name:	CH2M Hill	Drinking Water	Drinking Water	Lab Sample:	2104165-06						
Project:	9000NVT8	Date Collected:	14-Apr-21 09:09	Date Received:	16-Apr-21 09:58						
Location:	Drinking Water			Column:	BEH C18						
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	20.6	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFHxA	307-24-4	39.6	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
HFPO-DA	13252-13-6	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFHpA	375-85-9	9.96	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
ADONA	919005-14-4	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFHxS	355-46-4	69.7	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFOA	335-67-1	66.3	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFNA	375-95-1	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFOS	1763-23-1	1.44	0.725	1.45	1.93	J	B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
9CI-PF3ONS	756426-58-1	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFDA	335-76-2	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
MeFOSAA	2355-31-9	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
EtFOSAA	2991-50-6	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFUnA	2058-94-3	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFDoA	307-55-1	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFTtDA	72629-94-8	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
11CI-PF3OUdS	763051-92-9	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
PFTeDA	376-06-7	ND	0.725	1.45	1.93		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1
Labeled Standards	Type	% Recovery		Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-PFHxA	SURR	106		70 - 130		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1	
13C2-PFDA	SURR	98.9		70 - 130		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1	
d5-EtFOSAA	SURR	87.9		70 - 130		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1	
13C3-HFPO-DA	SURR	111		70 - 130		B1D0138	24-Apr-21	0.259 L	26-Apr-21 13:37	1	

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

new 5/26/21

**Town of Coupeville – Ft. Casey Treatment
Plant (Well 106)
434 Wanamaker Road
Coupeville, WA 98239
WI-CV-1RW25-0421
April 14, 2021
08:31
Validated Results Provided: July 21, 2021**

Below are the **validated** test results for your drinking water sampled on April 14, 2021. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory for Perfluorooctane Sulfonate (PFOS) and/or Perfluorooctanoic acid (PFOA). Based upon the completion of data validation, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for eighteen 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 a lifetime health advisory. The Navy provides bottled water when the sample results exceed the EPA's lifetime health advisory.

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	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorooctane Sulfonate (PFOS)	ND	70
Perfluorooctanoic acid (PFOA)	ND	70
PFOS and PFOA (cumulative) ¹	ND	70

¹ Only detected values of PFOS and PFOA are summed.

ND- Analyte not detected in the sample

ppt – parts per trillion

Results for other PFAS where no EPA Health Advisory Levels have been established

Chemical Name	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	ND	Not applicable
Perfluorohexanoic acid (PFHxA)	ND	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-octanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable

Sample ID: WI-CV-1RW25-0421

EPA Method 537.1

Client Data		Matrix:		Laboratory Data							
Name:	CH2M Hill	Drinking Water	Date Collected:	14-Apr-21 08:31	Lab Sample:						
Project:	9000NVT8	Drinking Water	Date Received:	16-Apr-21 09:58	2104165-01						
Location:	Drinking Water				Column:						
					BEH C18						
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFHxA	307-24-4	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
HFPO-DA	13252-13-6	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFHpA	375-85-9	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
ADONA	919005-14-4	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFHxS	355-46-4	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFOA	335-67-1	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFNA	375-95-1	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFOS	1763-23-1	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
9CI-PF3ONS	756426-58-1	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFDA	335-76-2	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
MeFOSAA	2355-31-9	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
EtFOSAA	2991-50-6	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFUnA	2058-94-8	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFDoA	307-55-1	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFTtDA	72629-94-8	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
11CI-PF3OUdS	763051-92-9	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
PFTeDA	376-06-7	ND	0.732	1.46	1.95		BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-PFHxA	SURR	98.5	70 - 130			BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1	
13C2-PFDA	SURR	91.9	70 - 130			BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1	
d5-EtFOSAA	SURR	75.2	70 - 130			BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1	
13C3-HFPO-DA	SURR	102	70 - 130			BID0138	24-Apr-21	0.256 L	26-Apr-21 12:41	1	

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

mw 5/26/21

**Town of Coupeville – Ft. Casey Treatment
Plant (Well 190)
434 Wanamaker Road
Coupeville, WA 98239
WI-CV-1RW26-0421
April 14, 2021
08:45
Validated Results Provided: July 21, 2021**

Below are the **validated** test results for your drinking water sampled on April 14, 2021. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory for Perfluorooctane Sulfonate (PFOS) and/or Perfluorooctanoic acid (PFOA). Based upon the completion of data validation, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for eighteen 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 a lifetime health advisory. The Navy provides bottled water when the sample results exceed the EPA's lifetime health advisory.

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	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorooctane Sulfonate (PFOS)	ND	70
Perfluorooctanoic acid (PFOA)	ND	70
PFOS and PFOA (cumulative) ¹	ND	70

¹ Only detected values of PFOS and PFOA are summed.

ND- Analyte not detected in the sample
ppt – parts per trillion

Results for other PFAS where no EPA Health Advisory Levels have been established

Chemical Name	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	ND	Not applicable
Perfluorohexanoic acid (PFHxA)	ND	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-octanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable

Sample ID: WI-CV-1RW26-0421

EPA Method 537.1

Client Data		Matrix:		Laboratory Data	
Name:	CH2M Hill	Drinking Water	Drinking Water	Lab Sample:	2104165-03
Project:	9000NVT8	Date Collected:	14-Apr-21 08:45	Date Received:	16-Apr-21 09:58
Location:	Drinking Water			Column:	BEH C18

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFHxA	307-24-4	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
HFPO-DA	13252-13-6	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFHpA	375-85-9	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
ADONA	919005-14-4	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFHxS	355-46-4	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFOA	335-67-1	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFNA	375-95-1	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFOS	1763-23-1	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
9CI-PF3ONS	756426-58-1	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFDA	335-76-2	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
MeFOSAA	2355-31-9	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
EtFOSAA	2991-50-6	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFUnA	2058-94-8	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFDoA	307-55-1	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFTfDA	72629-94-8	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
11CI-PF3OUds	763051-92-9	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
PFTeDA	376-06-7	ND	0.729	1.46	1.94		B1D0138	24-Apr-21	0.257 L	26-Apr-21 13:03	1
Labeled Standards	Type	% Recovery	Limits								
13C2-PFHxA	SURR	103	70 - 130								
13C2-PFDA	SURR	94.9	70 - 130								
d5-EtFOSAA	SURR	80.7	70 - 130								
13C3-HFPO-DA	SURR	108	70 - 130								

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation
 Results reported to the DL.
 When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

mw 5/26/21

**Town of Coupeville – Ft. Casey Treatment
Plant (Post Treatment)
434 Wanamaker Road
Coupeville, WA 98239
WI-CV-1RW27-0421
April 14, 2021
08:16
Validated Results Provided: July 21, 2021**

Below are the **validated** test results for your drinking water sampled on April 14, 2021. These results indicate that your drinking water is below the U.S. Environmental Protection Agency (EPA)'s lifetime health advisory for Perfluorooctane Sulfonate (PFOS) and/or Perfluorooctanoic acid (PFOA). Based upon the completion of data validation, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for eighteen 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 a lifetime health advisory. The Navy provides bottled water when the sample results exceed the EPA's lifetime health advisory.

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	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorooctane Sulfonate (PFOS)	ND	70
Perfluorooctanoic acid (PFOA)	ND	70
PFOS and PFOA (cumulative) ¹	ND	70

¹ Only detected values of PFOS and PFOA are summed.

ND- Analyte not detected in the sample

ppt – parts per trillion

Results for other PFAS where no EPA Health Advisory Levels have been established

Chemical Name	April 2021	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	NA	Not applicable
Perfluorohexanoic acid (PFHxA)	1.87 J	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-octanesulfonamidoacetic acid (EtFOSAA)	ND	Not applicable
N-Methylperfluoro-1-octanesulfonamidoacetic acid (MeFOSAA)	ND	Not applicable

Sample ID: WI-CV-IRW27-0421

EPA Method 537.1

Client Data		Matrix:		Laboratory Data							
Name:	CH2M Hill	Drinking Water	Drinking Water	Lab Sample:	2104164-17						
Project:	9000NVT8	Date Collected:	14-Apr-21 08:16	Date Received:	16-Apr-21 09:58						
Location:	Drinking Water			Column:	BEH C18						
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFHxA	307-24-4	1.87	0.717	1.43	1.91	J	BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
HFPO-DA	13252-13-6	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFHpA	375-85-9	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
ADONA	919005-14-4	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFHxS	355-46-4	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFOA	335-67-1	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFNA	375-95-1	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFOS	1763-23-1	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
9CI-PF3ONS	756426-58-1	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFDA	335-76-2	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
MeFOSAA	2355-31-9	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
EiFOSAA	2991-50-5	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFUrA	2058-94-3	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFDoA	307-55-1	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFTtDA	72629-94-8	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
11Cl-PF3OUds	763051-92-9	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
PFTeDA	376-06-7	ND	0.717	1.43	1.91		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C2-PFHxA	SURR	94.1	70 - 130		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1		
13C2-PFDA	SURR	112	70 - 130		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1		
d5-EiFOSAA	SURR	90.9	70 - 130		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1		
13C3-HFPO-DA	SURR	78.7	70 - 130		BID0136	21-Apr-21	0.262 L	22-Apr-21 23:20	1		

Results reported to the DL.
 LOD - Limit of Detection
 LOQ - Limit of quantification

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EiFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

nw 5/26/21

1 ng/L = 1 ppt
nanogram(s)
per liter

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

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

Sample ID: WF-RW02-0317		EPA Method 537	
Client Data		Laboratory Data	
Name:	[REDACTED]	Lab Sample:	[REDACTED]
Project:	[REDACTED]	QC Batch:	B7C0165
Date Collected:	[REDACTED]	Date Analyzed:	04-Apr-17 15:37
Location:	WF-RW02	Column:	BEH C18
Analyte	Conc. (ng/L)	Labeled Standard	%R
PFBS	ND	SUR 13C2-PFHxA	103
PFOA	6.53	SUR 13C2-PFDA	117
PFOS	ND		
		I.UCL-UCL	Qualifiers
		70 - 130	70 - 130
		70 - 130	70 - 130

LCL-UCL - Lower control limit - upper control limit
 Results reported to DL.
 When reported, PFBS, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

The result for PFBS:
PFBS was not detected in the sample.
 This is reported as "ND" (Non-Detect).

The result for PFOA:
PFOA was detected in the sample at 6.53 ng/L (6.53 ppt).
 The "J" qualifier means that the PFOA was detected but the amount detected is estimated.

The result for PFOS:
PFOS was not detected in the sample.
 This is reported as "ND" (Non-Detect).

This column identifies the data qualifiers that apply to a given result. Possible laboratory qualifiers are:
"J" (Estimated Value) - indicates the value reported for the analyte is below the LOQ and was detected. The value reported is considered estimated.
"B" (Blank) - this compound was also detected in the method blank.
"D" (Diluted Sample) - sample result was taken from a diluted sample.

* There is not a health advisory level for PFBS; therefore, no action is currently being taken based on this result. This chemical has health effects information that can be used to evaluate potential impact under the Navy's Environmental Restoration Program.