

Town of Coupeville & Ft. Casey Treatment
 Plant (Post Treatment, Distribution Point)
 434 Wanamaker Rd, Coupeville, 98239
 Sample ID: WI-CV-1RW27-0318
 Date Collected: March 23, 2018
 Time Collected: 09:05
 Validated Results Provided: October 5, 2018

RECEIVED
 NOV 1 2018
 TOWN OF COUPEVILLE

Below are the **validated** test results for your drinking water sampled on March 23, 2018. 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, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for fourteen 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 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	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorooctane Sulfonate (PFOS)	ND	70
Perfluorooctanoic acid (PFOA)	37.8	70
PFOS and PFOA (cumulative) ¹	37.8	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	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	8.95 J	Not applicable
Perfluorohexanoic acid (PFHxA)	20.9	Not applicable
Perfluoroheptanoic acid (PFHpA)	5.82 J	Not applicable
Perfluorohexane sulfonate (PFHxS)	33.1	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
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

Town of Coupeville & Ft. Casey Treatment
Plant (Well 108 - Keystone Hill Well)
434 Wanamaker Rd, Coupeville, 98239
Sample ID: WI-CV-1RW23-0318
Date Collected: March 23, 2018
Time Collected: 09:25
Validated Results Provided: October 5, 2018

RECEIVED
NOV 1 2018
TOWN OF COUPEVILLE

Below are the **validated** test results for your drinking water sampled on March 23, 2018. 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, no results or qualifier flags have changed for the test results listed below.

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

Chemical Name	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorooctane Sulfonate (PFOS)	ND	70
Perfluorooctanoic acid (PFOA)	62.3	70
PFOS and PFOA (cumulative) ¹	62.3	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	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	12.3	Not applicable
Perfluorohexanoic acid (PFHxA)	35.7	Not applicable
Perfluoroheptanoic acid (PFHpA)	9.99	Not applicable
Perfluorohexane sulfonate (PFHxS)	53.3	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
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

Town of Coupeville & Ft. Casey Treatment
 Plant (Well 487)
 434 Wanamaker Rd, Coupeville, 98239
 Sample ID: WI-CV-1RW24-0318
 Date Collected: March 23, 2018
 Time Collected: 09:00
 Validated Results Provided: October 5, 2018

RECEIVED
 NOV 1 2018
 TOWN OF COUPEVILLE

Below are the **validated** test results for your drinking water sampled on March 23, 2018. 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, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for fourteen 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 LHA. The Navy provides bottled water when the sample results exceed the EPA's LHA.

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

Chemical Name	March 2018	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	March 2018	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
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

Town of Coupeville & Ft. Casey Treatment
 Plant (Well 106)
 434 Wanamaker Rd, Coupeville, 98239
 Sample ID: WI-CV-1RW25-0318
 Date Collected: March 23, 2018
 Time Collected: 08:30
 Validated Results Provided: October 5, 2018

RECEIVED
 NOV 1 2018
 TOWN OF COUPEVILLE

Below are the **validated** test results for your drinking water sampled on March 23, 2018. 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, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for fourteen 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 LHA. The Navy provides bottled water when the sample results exceed the EPA's LHA.

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

Chemical Name	March 2018	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	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	1.39 J	Not applicable
Perfluorohexanoic acid (PFHxA)	1.20 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
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

Town of Coupeville & Ft. Casey Treatment
 Plant (Well 190)
 434 Wanamaker Rd, Coupeville, 98239
 Sample ID: WI-CV-1RW26-0318
 Date Collected: March 23, 2018
 Time Collected: 08:15
 Validated Results Provided: October 5, 2018

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 NOV 1 2018
 TOWN OF COUPEVILLE

Below are the **validated** test results for your drinking water sampled on March 23, 2018. 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, no results or qualifier flags have changed for the test results listed below.

The Navy's Environmental Restoration Program analyzed for fourteen 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 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	March 2018	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	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	0.513 J	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
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

Town of Coupeville & Ft. Casey Treatment
 Plant (Well 287)
 434 Wanamaker Rd, Coupeville, 98239
 Sample ID: WI-CV-1RW60-0318
 Date Collected: March 23, 2018
 Time Collected: 08:45
 Validated Results Provided: October 5, 2018

RECEIVED
 NOV 1 2018
 TOWN OF COUPEVILLE

Below are the **validated** test results for your drinking water sampled on March 23, 2018. 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, no results or qualifier flags have changed for the test results listed below.

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

Chemical Name	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorooctane Sulfonate (PFOS)	ND	70
Perfluorooctanoic acid (PFOA)	26.1	70
PFOS and PFOA (cumulative) ¹	26.1	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	March 2018	Health Advisory (ppt)
	Result (ppt)	
Perfluorobutane sulfonate (PFBS)	7.17 J	Not applicable
Perfluorohexanoic acid (PFHxA)	17.0	Not applicable
Perfluoroheptanoic acid (PFHpA)	4.49 J	Not applicable
Perfluorohexane sulfonate (PFHxS)	28.0	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
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