**TOWN OF COUPEVILLE & FT. CASEY TREATMENT PLANT (KEYSTONE HILL WELL 108)**
**PO BOX 725, COUPEVILLE, WA 98239**
**Sample ID: WI-CV-1RW23-1017**
**Date Collected: 10/19/2017**
**Time Collected: 14:25**
**Preliminary Results Provided: December 22, 2017**



Below are the **preliminary** 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). Once the Navy receives the final, validated results we will notify you and provide you with a copy of the validated results.

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. 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)[1] | 64.7 | 70 |

[1] Only detected values of PFOS and PFOA are summed.
J - Analyte present, but result is estimated
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 | October 2017 Result (ppt) | Health Advisory (ppt) |
|---|---|---|
| Perfluorobutane sulfonate (PFBS) | 14.8 | Not applicable |
| Perfluorohexanoic acid (PFHxA) | 33.7 B | 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 |

| | | |
|---|---|---|
| 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
B - Analyte not detected above the level reported in blanks
ND - Analyte not detected in the sample
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 | 64 |
| Iron | 0.47 U |
| Magnesium | 31 |
| Manganese | 0.043 |
| Potassium | 5.1 |
| Silicon | 17 |
| **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 |
| 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 |

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
U - The material was analyzed for, but not detected

Vista Analytical Laboratory

## Sample ID: WI-CV-1RW23-1017

**EPA Method 537**

**Client Data**

Name: CH2M Hill
Project: CLEAN CTO-4041 NASWI
Location: DW

Matrix: Drinking Water
Date Collected: 19-Oct-17 14:25

**Laboratory Data**

Lab Sample: 1701526-12
Date Received: 21-Oct-17 09:30
Column: BEH C18

| Analyte | Conc. (ug/L) | DL | LOD | LOQ | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|---|
| PFBS | 0.0148 | 0.000427 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFHxA | 0.0337 | 0.000639 | 0.00482 | 0.00964 | B | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFHpA | 0.0106 | 0.000514 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFHxS | 0.0652 | 0.000400 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFOA | 0.0647 | 0.00104 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFNA | ND | 0.00139 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFOS | ND | 0.00100 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFDA | ND | 0.00123 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| MeFOSAA | ND | 0.00293 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| EtFOSAA | ND | 0.00186 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFUnA | ND | 0.000246 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFDoA | ND | 0.000917 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFTrDA | ND | 0.000909 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| PFTeDA | ND | 0.000749 | 0.00482 | 0.00964 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |

| Labeled Standards | Type | % Recovery | Limits | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|
| 13C2-PFHxA | SURR | 107 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| 13C2-PFDA | SURR | 102 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |
| d5-EtFOSAA | SURR | 103 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 03:15 | 1 |

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

**TOWN OF COUPEVILLE & FT. CASEY TREATMENT PLANT (POST TREATMENT, DISTRIBUTION POINT)**
**PO BOX 725, COUPEVILLE, WA 98239**
**Sample ID: WI-CV-1RW27-1017**
**Date Collected: 10/19/2017**
**Time Collected: 12:10**
**Preliminary Results Provided: December 22, 2017**



Below are the **preliminary** 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). Once the Navy receives the final, validated results we will notify you and provide you with a copy of the validated results.

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. 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) | 36.8 | 70 |
| PFOS and PFOA (cumulative)[1] | 36.8 | 70 |

[1] Only detected values of PFOS and PFOA are summed.
J - Analyte present, but result is estimated
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 | October 2017 Result (ppt) | Health Advisory (ppt) |
|---|---|---|
| Perfluorobutane sulfonate (PFBS) | 9.46 J | Not applicable |
| Perfluorohexanoic acid (PFHxA) | 19.9 B | 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 |
| 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
B - Analyte not detected above the level reported in blanks
ND - Analyte not detected in the sample
ppt - parts per trillion

**Results for other chemical parameters**

| Chemical Name | October 2017 Result (units mg/L) |
|---|---|
| **Total Metals** | |
| Iron | 0.47 U |
| **Dissolved Metals** | |
| Aluminum | 0.44 U |
| Calcium | 61 |
| Iron | 0.47 U |
| Magnesium | 34 |
| Manganese | 0.0044 J |
| Potassium | 6.1 |
| Silicon | 17 |
| **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 |
| Phosphate | 0.19 H |
| Sulfate | 22 |
| Total dissolved solids (TDS) | 420 B |
| 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 |

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
U - The material was analyzed for, but not detected

## Sample ID: WI-CV-1RW27-1017

**EPA Method 537**

**Client Data**

Name: CH2M Hill
Project: CLEAN CTO-4041 NASWI
Location: DW

Matrix: Drinking Water
Date Collected: 19-Oct-17 12:10

**Laboratory Data**

Lab Sample: 1701526-06
Date Received: 21-Oct-17 09:30

Column: BEH C18

| Analyte | Conc. (ug/L) | DL | LOD | LOQ | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|---|
| PFBS | 0.00946 | 0.000438 | 0.00495 | 0.00989 | J | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFHxA | 0.0199 | 0.000656 | 0.00495 | 0.00989 | B | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFHpA | 0.00531 | 0.000527 | 0.00495 | 0.00989 | J | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFHxS | 0.0388 | 0.000411 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFOA | 0.0368 | 0.00107 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFNA | ND | 0.00142 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFOS | ND | 0.00103 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFDA | ND | 0.00127 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| MeFOSAA | ND | 0.00301 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| EtFOSAA | ND | 0.00191 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFUnA | ND | 0.000252 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFDoA | ND | 0.000942 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFTrDA | ND | 0.000933 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| PFTeDA | ND | 0.000769 | 0.00495 | 0.00989 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |

| Labeled Standards | Type | % Recovery | Limits | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|
| 13C2-PFHxA | SURR | 103 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| 13C2-PFDA | SURR | 97.7 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |
| d5-EtFOSAA | SURR | 111 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.253 L | 01-Nov-17 01:22 | 1 |

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

**TOWN OF COUPEVILLE & FT. CASEY TREATMENT PLANT (WELL 287)**
**PO BOX 725, COUPEVILLE, WA 98239**
**Sample ID: WI-CV-1RW60-0117**
**Date Collected: 10/19/2017**
**Time Collected: 15:30**
**Preliminary Results Provided: December 22, 2017**



Below are the **preliminary** 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). Once the Navy receives the final, validated results we will notify you and provide you with a copy of the validated results.

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 | October 2017 Result (ppt) | Health Advisory (ppt) |
|---|---|---|
| Perfluorooctane Sulfonate (PFOS) | ND | 70 |
| Perfluorooctanoic acid (PFOA) | 5.64 J | 70 |
| PFOS and PFOA (cumulative)[1] | 5.64 J | 70 |

[1] Only detected values of PFOS and PFOA are summed.
J - Analyte present, but result is estimated
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 | October 2017 Result (ppt) | Health Advisory (ppt) |
|---|---|---|
| Perfluorobutane sulfonate (PFBS) | 1.11 J | Not applicable |
| Perfluorohexanoic acid (PFHxA) | 3.20 JB | 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 |
| 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
B - Analyte not detected above the level reported in blanks
ND - Analyte not detected in the sample
ppt - parts per trillion

Vista Analytical Laboratory

## Sample ID: WI-CV-1RW60-1017

**EPA Method 537**

**Client Data**

Name: CH2M Hill
Project: CLEAN CTO-4041 NASWI
Location: DW

Matrix: Drinking Water
Date Collected: 19-Oct-17 15:30

**Laboratory Data**

Lab Sample: 1701526-16
Date Received: 21-Oct-17 09:30

Column: BEH C18

| Analyte | Conc. (ug/L) | DL | LOD | LOQ | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|---|
| PFBS | 0.00111 | 0.000449 | 0.00507 | 0.0101 | J | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFHxA | 0.00320 | 0.000673 | 0.00507 | 0.0101 | J, B | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFHpA | 0.000572 | 0.000541 | 0.00507 | 0.0101 | J | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFHxS | 0.00500 | 0.000421 | 0.00507 | 0.0101 | J | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFOA | 0.00564 | 0.00110 | 0.00507 | 0.0101 | J | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFNA | ND | 0.00146 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFOS | ND | 0.00106 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFDA | ND | 0.00130 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| MeFOSAA | ND | 0.00308 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| EtFOSAA | ND | 0.00196 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFUnA | ND | 0.000259 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFDoA | ND | 0.000966 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFTrDA | ND | 0.000957 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| PFTeDA | ND | 0.000788 | 0.00507 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |

| Labeled Standards | Type | % Recovery | Limits | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|
| 13C2-PFHxA | SURR | 98.6 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| 13C2-PFDA | SURR | 94.4 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |
| d5-EtFOSAA | SURR | 111 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.246 L | 01-Nov-17 04:04 | 1 |

DL - Detection Limit

LOD - Limit of Detection
LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

**TOWN OF COUPEVILLE & FT. CASEY TREATMENT PLANT (WELL 487)**
**PO BOX 725, COUPEVILLE, WA 98239**
**Sample ID: WI-CV-1RW24-1017**
**Date Collected: 10/19/2017**
**Time Collected: 15:18**
**Preliminary Results Provided: December 22, 2017**



Below are the **preliminary** 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). Once the Navy receives the final, validated results we will notify you and provide you with a copy of the validated results.

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 | October 2017 Result (ppt) | Health Advisory (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.
J - Analyte present, but result is estimated
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 | October 2017 Result (ppt) | Health Advisory (ppt) |
|---|---|---|
| Perfluorobutane sulfonate (PFBS) | ND | Not applicable |
| Perfluorohexanoic acid (PFHxA) | 1.35 JB | 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 |

| | | |
|---|---|---|
| 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
B - Analyte not detected above the level reported in blanks
ND - Analyte not detected in the sample
ppt - parts per trillion

Vista Analytical Laboratory

## Sample ID: WI-CV-1RW24-1017

**EPA Method 537**

**Client Data**

Name: CH2M Hill
Project: CLEAN CTO-4041 NASWI
Location: DW

Matrix: Drinking Water
Date Collected: 19-Oct-17 15:18

**Laboratory Data**

Lab Sample: 1701526-14
Date Received: 21-Oct-17 09:30
Column: BEH C18

| Analyte | Conc. (ug/L) | DL | LOD | LOQ | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|---|
| PFBS | ND | 0.000449 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFHxA | 0.00135 | 0.000671 | 0.00506 | 0.0101 | J, B | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFHpA | ND | 0.000540 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFHxS | ND | 0.000420 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFOA | ND | 0.00109 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFNA | ND | 0.00146 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFOS | ND | 0.00105 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFDA | ND | 0.00130 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| MeFOSAA | ND | 0.00308 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| EtFOSAA | ND | 0.00195 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFUnA | ND | 0.000258 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFDoA | ND | 0.000964 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFTrDA | ND | 0.000955 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| PFTeDA | ND | 0.000787 | 0.00506 | 0.0101 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |

| Labeled Standards | Type | % Recovery | Limits | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|
| 13C2-PFHxA | SURR | 100 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| 13C2-PFDA | SURR | 91.2 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |
| d5-EtFOSAA | SURR | 107 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.247 L | 01-Nov-17 03:40 | 1 |

DL - Detection Limit
LOD - Limit of Detection
LOQ - Limit of quantitation
LCL-UCL- Lower control limit - upper control limit
Results reported to the DL.

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

**TOWN OF COUPEVILLE & FT. CASEY TREATMENT PLANT (WELL 106)**
**PO BOX 725, COUPEVILLE, WA 98239**
**Sample ID: WI-CV-1RW25-1017**
**Date Collected: 10/19/2017**
**Time Collected: 12:38**
**Preliminary Results Provided: December 22, 2017**



Below are the **preliminary** 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). Once the Navy receives the final, validated results we will notify you and provide you with a copy of the validated results.

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 | October 2017 Result (ppt) | Health Advisory (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.
J - Analyte present, but result is estimated
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 | October 2017 Result (ppt) | Health Advisory (ppt) |
|---|---|---|
| Perfluorobutane sulfonate (PFBS) | 1.72 J | Not applicable |
| Perfluorohexanoic acid (PFHxA) | 2.24 JB | 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 |

| | | |
|---|---|---|
| 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
B - Analyte not detected above the level reported in blanks
ND - Analyte not detected in the sample
ppt - parts per trillion

Vista Analytical Laboratory

## Sample ID: WI-CV-1RW25-1017

**EPA Method 537**

**Client Data**

Name: CH2M Hill
Project: CLEAN CTO-4041 NASWI
Location: DW

Matrix: Drinking Water
Date Collected: 19-Oct-17 12:38

**Laboratory Data**

Lab Sample: 1701526-08
Date Received: 21-Oct-17 09:30
Column: BEH C18

| Analyte | Conc. (ug/L) | DL | LOD | LOQ | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|---|
| PFBS | 0.00172 | 0.000439 | 0.00496 | 0.00991 | J | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFHxA | 0.00224 | 0.000657 | 0.00496 | 0.00991 | J, B | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFHpA | ND | 0.000528 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFHxS | ND | 0.000411 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFOA | ND | 0.00107 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFNA | ND | 0.00143 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFOS | ND | 0.00103 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFDA | ND | 0.00127 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| MeFOSAA | ND | 0.00301 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| EtFOSAA | ND | 0.00191 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFUnA | ND | 0.000253 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFDoA | ND | 0.000944 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFTrDA | ND | 0.000935 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| PFTeDA | ND | 0.000770 | 0.00496 | 0.00991 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |

| Labeled Standards | Type | % Recovery | Limits | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|
| 13C2-PFHxA | SURR | 105 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| 13C2-PFDA | SURR | 106 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |
| d5-EtFOSAA | SURR | 98.8 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.252 L | 01-Nov-17 01:47 | 1 |

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

**TOWN OF COUPEVILLE & FT. CASEY TREATMENT PLANT (WELL 190)**
**PO BOX 725, COUPEVILLE, WA 98239**
**Sample ID: WI-CV-1RW26-1017**
**Date Collected: 10/19/2017**
**Time Collected: 13:10**
**Preliminary Results Provided: December 22, 2017**



Below are the **preliminary** 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). Once the Navy receives the final, validated results we will notify you and provide you with a copy of the validated results.

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 | October 2017 Result (ppt) | Health Advisory (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.
J - Analyte present, but result is estimated
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 | October 2017 Result (ppt) | Health Advisory (ppt) |
|---|---|---|
| Perfluorobutane sulfonate (PFBS) | ND | Not applicable |
| Perfluorohexanoic acid (PFHxA) | 1.85 JB | 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 |

| | | |
|---|---|---|
| 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
B - Analyte not detected above the level reported in blanks
ND - Analyte not detected in the sample
ppt - parts per trillion

Vista Analytical Laboratory

## Sample ID: WI-CV-1RW26-1017

**EPA Method 537**

**Client Data**

Name: CH2M Hill
Project: CLEAN CTO-4041 NASWI
Location: DW

Matrix: Drinking Water
Date Collected: 19-Oct-17 13:10

**Laboratory Data**

Lab Sample: 1701526-10
Date Received: 21-Oct-17 09:30

Column: BEH C18

| Analyte | Conc. (ug/L) | DL | LOD | LOQ | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|---|
| PFBS | ND | 0.000428 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFHxA | 0.00185 | 0.000641 | 0.00484 | 0.00967 | J, B | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFHpA | ND | 0.000515 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFHxS | ND | 0.000401 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFOA | ND | 0.00104 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFNA | ND | 0.00139 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFOS | ND | 0.00101 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFDA | ND | 0.00124 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| MeFOSAA | ND | 0.00294 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| EtFOSAA | ND | 0.00187 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFUnA | ND | 0.000247 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFDoA | ND | 0.000921 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFTrDA | ND | 0.000912 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| PFTeDA | ND | 0.000751 | 0.00484 | 0.00967 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |

| Labeled Standards | Type | % Recovery | Limits | Qualifiers | Batch | Extracted | Samp Size | Analyzed | Dilution |
|---|---|---|---|---|---|---|---|---|---|
| 13C2-PFHxA | SURR | 102 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| 13C2-PFDA | SURR | 99.1 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |
| d5-EtFOSAA | SURR | 90.7 | 70 - 130 | | B7J0173 | 26-Oct-17 | 0.259 L | 01-Nov-17 02:12 | 1 |

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

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

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**
Name: [redacted]
Project:
Date Collected:
Location: WF-RW02

**Sample Data**
Matrix: Drinking Water
Sample Size: 0.289 L

**Laboratory Data**
Lab Sample: [redacted]
QC Batch: B7C0165
Date Analyzed: 04-Apr-17 15:37 Column: BEH C18
Date Received: 29-Mar-2017 9:21
Date Extracted: 30-Mar-2017 7:50

| Analyte | Conc. (ng/L) | DL | LOD | LOQ | Qualifiers |
|---|---|---|---|---|---|
| PFBS | ND | 3.02 | 8.65 | 17.3 | |
| PFOA | 6.53 | 3.93 | 8.65 | 17.3 | J |
| PFOS | ND | 2.64 | 8.65 | 17.3 | |

| Labeled Standard | %R | LCL-UCL | Qualifiers |
|---|---|---|---|
| SUR 13C2-PFHxA | 103 | 70 - 130 | |
| SUR 13C2-PFDA | 117 | 70 - 130 | |

DL - Detection limit
RL - Reporting limit

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.

**"M" (Manually Integrated)** – the peak on the laboratory equipment was manually, rather than automatically, integrated.

* 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.

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