

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

KOMAN, PFAS RI, AOC 57/43G Supplemental MW Winter 2020

AOC 57, Building 3713 Fuel Oil Spill Site

	Locations: 5702MW-20-01A	5702MW-20-01B	5702MW-20-02A	5702MW-20-02A (FD)	5702MW-20-03A
Field Sample ID:	5702MW-20-01A_JAN20	5702MW-20-01B_JAN20	5702MW-20-02A_FEB20	5702MW-DUP01_FEB20	5702MW-20-03A_FEB20
Sample Begin Depth:	30.00	70.00	30.00	30.00	26.00
Sample End Depth:	40.00	80.00	40.00	40.00	36.00
Sample Date:	02/07/2020	02/07/2020	02/10/2020	02/10/2020	02/24/2020
<b>Gen. Chemistry (mg/L)</b>					
Total Organic Carbon	-	-	-	-	-
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	<b>11.0 J</b>	<b>9.20 J</b>	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.60 U	9.40 U	9.40 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.60 U	9.40 U	9.40 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.60 U	9.40 U	9.40 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.30 J</b>	0.960 U	<b>9.90</b>	<b>9.40</b>	<b>11.0</b>
Perfluorodecanoic acid (PFDA)	<b>1.00 J</b>	0.960 U	<b>0.460 J</b>	<b>0.480 J</b>	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>27.0</b>	<b>2.60</b>	<b>760</b>	<b>730</b>	<b>300</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>19.0</b>	<b>2.00</b>	<b>410</b>	<b>380</b>	<b>980</b>
Perfluorohexanoic acid (PFHxA)	<b>50.0</b>	<b>3.20</b>	<b>420</b>	<b>370</b>	<b>270</b>
Perfluorononanoic acid (PFNA)	<b>5.10</b>	1.40 U	<b>6.90</b>	<b>7.10</b>	<b>8.60</b>
Perfluorooctanesulfonic acid (PFOS)	<b>21.0</b>	<b>1.30 J</b>	<b>190</b>	<b>180</b>	<b>120</b>
Perfluorooctanoic acid (PFOA)	<b>41.0</b>	<b>2.20</b>	<b>1200</b>	<b>1000</b>	<b>1300</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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<b>Locations:</b> 5702MW-20-04A	5702MW-20-05A	5702MW-20-05B	5702MW-20-06A	5702MW-20-07A
<b>Field Sample ID:</b> 5702MW-20-04A_FEB20	5702MW-20-05A_FEB20	5702MW-20-05B_FEB20	5702MW-20-06A_FEB20	5702MW-20-07A_JAN20
<b>Sample Begin Depth:</b> 70.00	30.00	70.00	70.00	30.00
<b>Sample End Depth:</b> 80.00	40.00	80.00	80.00	40.00
<b>Sample Date:</b> 02/10/2020	02/24/2020	02/28/2020	02/10/2020	02/06/2020

**Gen. Chemistry (mg/L)**

Total Organic Carbon	-	<b>1.20 J</b>	-	-	-
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**PFAS (ng/L)**

6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	<b>7.50 J</b>	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.40 U	9.20 U	9.40 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.40 U	9.20 U	9.40 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.40 U	9.20 U	9.40 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.30 J</b>	<b>20.0</b>	0.920 U	<b>3.40</b>	<b>2.00</b>
Perfluorodecanoic acid (PFDA)	0.930 U	0.940 U	0.920 U	0.940 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	<b>170</b>	1.40 U	<b>2.20</b>	<b>30.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>6.60</b>	<b>1500</b>	<b>0.510 J</b>	<b>30.0</b>	<b>16.0</b>
Perfluorohexanoic acid (PFHxA)	0.930 U	<b>550</b>	0.920 U	<b>3.40</b>	<b>45.0</b>
Perfluorononanoic acid (PFNA)	1.40 U	<b>2.60</b>	1.40 U	1.40 U	<b>2.20</b>
Perfluorooctanesulfonic acid (PFOS)	2.80 U	<b>76.0</b>	2.70 U	<b>1.30 J</b>	<b>8.70</b>
Perfluorooctanoic acid (PFOA)	1.40 U	<b>2400</b>	1.40 U	<b>2.40</b>	<b>29.0</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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<b>Locations:</b> 5703MW-20-01A	5703MW-20-01B	5703MW-20-02A	5703MW-20-03A	5703MW-20-04A
<b>Field Sample ID:</b> 5703MW-20-01A_FEB20	5703MW-20-01B-FEB20	5703MW-20-02A_FEB20	5703MW-20-03A_FEB20	5703MW-20-04A_FEB20
<b>Sample Begin Depth:</b> 2.00	50.00	10.00	50.00	60.00
<b>Sample End Depth:</b> 12.00	60.00	20.00	60.00	70.00
<b>Sample Date:</b> 02/11/2020	02/18/2020	02/13/2020	02/11/2020	02/11/2020

**Gen. Chemistry (mg/L)**

Total Organic Carbon	-	-	<b>7.00</b>	-	-
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**PFAS (ng/L)**

6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	18.0 U	18.0 U	17.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.20 U	9.10 U	8.50 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.20 U	9.10 U	8.50 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.20 U	9.10 U	8.50 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	<b>54.0</b>	<b>1.40 J</b>	<b>12.0</b>	<b>6.50</b>	<b>2.50</b>
Perfluorodecanoic acid (PFDA)	0.980 U	0.920 U	0.910 U	0.850 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.30 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	<b>130</b>	<b>5.90</b>	<b>110</b>	<b>4.20</b>	<b>11.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>6.80</b>	<b>1.20 J</b>	<b>17.0</b>	<b>39.0</b>	<b>30.0</b>
Perfluorohexanoic acid (PFHxA)	<b>180</b>	<b>22.0</b>	<b>61.0</b>	<b>24.0</b>	<b>16.0</b>
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	<b>0.490 J</b>	1.30 U	<b>0.650 J</b>
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.80 U	<b>2.80 J</b>	<b>1.60 J</b>	<b>5.50</b>
Perfluorooctanoic acid (PFOA)	<b>440</b>	<b>1.70 J</b>	<b>870</b>	<b>14.0</b>	<b>33.0</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.70 U	2.60 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.70 U	2.60 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.30 U	1.50 U

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	Locations: 57M-03-01X	57M-03-04X	57M-95-03X	57M-95-03X (FD)	57WP-06-02
Field Sample ID:	57M-03-01X_JAN20	57M-03-04X_JAN20	57M-95-03X_FEB20	57M-DUP01_FEB20	57WP-06-02_JAN20
Sample Begin Depth:	10.00	2.00	7.00	7.00	18.92
Sample End Depth:	20.00	12.00	17.00	17.00	23.92
Sample Date:	01/28/2020	01/27/2020	02/11/2020	02/11/2020	02/06/2020
<b>Gen. Chemistry (mg/L)</b>					
Total Organic Carbon	-	-	-	-	-
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.30 U	9.70 U	9.60 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.30 U	9.70 U	9.60 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.30 U	9.70 U	9.60 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	<b>4.20</b>	<b>4.90</b>	<b>5.90</b>	<b>5.60</b>	<b>10.0</b>
Perfluorodecanoic acid (PFDA)	<b>1.30 J</b>	0.930 U	0.970 U	0.960 U	<b>6.80</b>
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>90.0</b>	<b>50.0</b>	<b>54.0</b>	<b>53.0</b>	<b>650</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>38.0</b>	<b>31.0</b>	<b>7.30</b>	<b>7.60</b>	<b>78.0</b>
Perfluorohexanoic acid (PFHxA)	<b>56.0</b>	<b>55.0</b>	<b>47.0</b>	<b>47.0</b>	<b>520</b>
Perfluorononanoic acid (PFNA)	<b>4.80</b>	<b>7.10</b>	<b>1.30 J</b>	<b>1.10 J</b>	<b>10.0</b>
Perfluorooctanesulfonic acid (PFOS)	<b>3.50 J</b>	<b>11.0</b>	<b>8.10</b>	<b>8.40</b>	<b>40.0</b>
Perfluorooctanoic acid (PFOA)	<b>140</b>	<b>100</b>	<b>200</b>	<b>210</b>	<b>340</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.90 U	2.90 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.90 U	2.90 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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KOMAN, PFAS RI, Monitoring Wells - Area 1

AOX 57, Building 3713 Fuel Oil Spill Site

	Locations: 57M-03-01X	57M-03-02X	57M-03-03X	57M-03-04X	57M-03-05X
Field Sample ID:	57M-03-01X-SEP18	57M-03-02X-OCT18	57M-03-03X-OCT18	57M-03-04X-OCT18	57M-03-05X-OCT18
Sample Begin Depth:	10.00	2.00	2.00	2.00	2.00
Sample End Depth:	20.00	12.00	12.00	12.00	12.00
Sample Date:	09/28/2018	10/01/2018	10/01/2018	10/01/2018	10/01/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	20.0 U	20.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.70 U	9.90 U	10.0 U	9.90 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.70 U	9.90 U	10.0 U	9.90 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.70 U	9.90 U	10.0 U	9.90 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	<b>33.0</b>	<b>16.0</b>	<b>27.0</b>	<b>26.0</b>	<b>11.0</b>
Perfluorodecanoic acid (PFDA)	<b>2.70</b>	0.990 U	<b>0.570 J</b>	0.990 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.50 U	1.50 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	<b>120</b>	<b>83.0</b>	<b>150</b>	<b>230</b>	<b>76.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>61.0</b>	<b>44.0</b>	<b>120</b>	<b>170</b>	<b>40.0</b>
Perfluorohexanoic acid (PFHxA)	<b>160</b>	<b>160</b>	<b>200</b>	<b>330</b>	<b>120</b>
Perfluorononanoic acid (PFNA)	<b>2.60</b>	<b>0.620 J</b>	<b>4.30</b>	<b>3.70</b>	<b>1.20 J</b>
Perfluorooctanesulfonic acid (PFOS)	<b>6.10</b>	<b>4.70</b>	<b>11.0</b>	<b>36.0</b>	<b>5.60</b>
Perfluorooctanoic acid (PFOA)	<b>100</b>	<b>25.0</b>	<b>130</b>	<b>350</b>	<b>84.0</b>
Perfluorotetradecanoic acid (PFTA)	2.60 U	3.00 U	3.10 U	3.00 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.60 U	3.00 U	3.10 U	3.00 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.50 U	1.50 U	1.50 U	1.50 U

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	Locations: 57M-03-06X	57M-03-06X (FD)	57M-95-03X	57M-95-05X	57M-95-06X
Field Sample ID:	57M-03-06X-SEP18	A1-MW-FD-09282018	57M-95-03X_SEP18	57M-95-05X-SEP18	57M-95-06X-SEP18
Sample Begin Depth:	2.00	2.00	7.00	10.00	11.87
Sample End Depth:	12.00	12.00	17.00	20.00	21.87
Sample Date:	09/28/2018	09/28/2018	09/24/2018	09/28/2018	09/25/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	18.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.50 U	9.80 U	8.90 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.50 U	9.80 U	8.90 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.50 U	9.80 U	8.90 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	<b>8.50</b>	<b>9.20</b>	<b>8.60</b>	<b>1.20 J</b>	<b>2.90</b>
Perfluorodecanoic acid (PFDA)	0.960 U	0.950 U	0.980 U	<b>1.00 J</b>	<b>0.580 J</b>
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.30 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	<b>62.0</b>	<b>64.0</b>	<b>72.0</b>	<b>2.10</b>	<b>100</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>26.0</b>	<b>25.0</b>	<b>5.30</b>	<b>2.50</b>	<b>19.0</b>
Perfluorohexanoic acid (PFHxA)	<b>150</b>	<b>150</b>	<b>43.0</b>	<b>2.00</b>	<b>49.0</b>
Perfluorononanoic acid (PFNA)	<b>2.50</b>	<b>2.70</b>	<b>0.920 J</b>	<b>1.70 J</b>	<b>5.60</b>
Perfluorooctanesulfonic acid (PFOS)	<b>6.30</b>	<b>6.10</b>	<b>4.30</b>	<b>3.70</b>	<b>5.70</b>
Perfluorooctanoic acid (PFOA)	<b>68.0</b>	<b>71.0</b>	<b>290</b>	<b>3.80</b>	<b>58.0</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.90 U	2.70 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.90 U	2.70 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.30 U	1.50 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

	Locations: 57M-95-07X	57M-96-11X	57M-96-12X	57M-96-12X (FD)	57M-96-13X
Field Sample ID:	57M-95-07X-OCT18	57M-96-11X-SEP18	57M-96-12X-SEP18	A1-MW-DUP-09252018	57M-96-13X-SEP18
Sample Begin Depth:	3.00	2.00	2.00	2.00	2.00
Sample End Depth:	13.00	12.00	12.00	12.00	12.00
Sample Date:	10/01/2018	09/24/2018	09/25/2018	09/25/2018	09/25/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.70 U	9.40 U	9.30 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.90 U	9.40 U	9.30 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.90 U	9.40 U	9.30 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.50</b>	<b>18.0</b>	<b>51.0</b>	<b>47.0</b>	<b>82.0</b>
Perfluorodecanoic acid (PFDA)	<b>0.660 J</b>	0.990 U	0.940 U	0.930 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.50 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>49.0</b>	<b>74.0 J</b>	<b>110</b>	<b>100</b>	<b>450</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>45.0</b>	<b>7.30</b>	<b>5.70</b>	<b>5.70</b>	<b>28.0</b>
Perfluorohexanoic acid (PFHxA)	<b>89.0</b>	<b>210</b>	<b>600</b>	<b>570</b>	<b>510</b>
Perfluorononanoic acid (PFNA)	<b>6.80</b>	1.50 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>24.0</b>	3.00 U	2.80 U	2.80 U	2.90 U
Perfluorooctanoic acid (PFOA)	<b>150</b>	<b>110 J</b>	<b>55.0</b>	<b>54.0</b>	<b>71.0</b>
Perfluorotetradecanoic acid (PFTA)	3.10 U	3.00 U	2.80 U	2.80 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.10 U	3.00 U	2.80 U	2.80 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.50 U	1.40 U	1.40 U	1.40 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

	Locations: 57P-98-03X	57P-98-04X	57WP-06-02	57WP-06-03
Field Sample ID:	57P-98-03X_SEP18	57P-98-04X-SEP18	57WP-06-02-OCT18	57WP-06-03-SEP18
Sample Begin Depth:	2.50	2.00	18.92	13.85
Sample End Depth:	5.50	5.00	23.92	18.85
Sample Date:	09/24/2018	09/24/2018	10/01/2018	09/28/2018
<b>PFAS (ng/L)</b>				
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	<b>39.0 J</b>	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.90 U	9.60 U	9.90 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.90 U	9.60 U	9.90 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.90 U	9.60 U	9.90 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	<b>13.0</b>	<b>5.90</b>	<b>16.0</b>	<b>5.20</b>
Perfluorodecanoic acid (PFDA)	0.990 U	0.960 U	0.990 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>12.0</b>	<b>12.0</b>	<b>200</b>	<b>17.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>6.20</b>	<b>7.20</b>	<b>200</b>	<b>6.10</b>
Perfluorohexanoic acid (PFHxA)	<b>190</b>	<b>82.0</b>	<b>330</b>	<b>60.0</b>
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	<b>2.50</b>	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	2.90 U	<b>51.0</b>	2.80 U
Perfluorooctanoic acid (PFOA)	<b>7.90</b>	<b>2.90</b>	<b>330</b>	<b>11.0</b>
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	3.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	3.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.50 U	1.40 U



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KOMAN, PFAS RI, New MW Baseline-Area 1

AOC 57, Building 3713 Fuel Oil Spill Site

Locations:	5702MW-19-01A	5702MW-19-01B
Field Sample ID:	5702MW-19-01A_MAR20	5702MW-19-01B_MAR20
Sample Begin Depth:	20.00	40.00
Sample End Depth:	30.00	50.00
Sample Date:	03/10/2020	03/10/2020

**Gen. Chemistry (mg/L)**

Total Organic Carbon	<b>0.910 J</b>	-
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**PFAS (ng/L)**

6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	<b>14.0 J</b>	8.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	8.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	8.70 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.00 J</b>	<b>0.610 J</b>
Perfluorodecanoic acid (PFDA)	0.890 U	0.870 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	<b>5.80</b>	<b>1.20 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>48.0</b>	<b>5.00</b>
Perfluorohexanoic acid (PFHxA)	<b>11.0</b>	<b>1.70</b>
Perfluorononanoic acid (PFNA)	<b>1.40 J</b>	1.30 U
Perfluorooctanesulfonic acid (PFOS)	<b>28.0</b>	<b>1.50 J</b>
Perfluorooctanoic acid (PFOA)	<b>80.0</b>	<b>2.90</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	<b>1.20 J</b>	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U

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KOMAN, PFAS RI, New MW VP-Area 1

AOX 57, Building 3713 Fuel Oil Spill Site

Locations:	5702MW-19-01	5702MW-19-01	5702MW-19-01	5702MW-19-01	5702MW-20-03
Field Sample ID:	5702MW-19-01-111-116	5702MW-19-01-121-126	5702MW-19-01-131-136	5702MW-19-01-139-144	5702MW-20-03-105-110
Sample Begin Depth:	111.00	121.00	131.00	139.00	105.00
Sample End Depth:	116.00	126.00	136.00	144.00	110.00
Sample Date:	12/11/2019	12/11/2019	12/12/2019	12/12/2019	02/06/2020

PFAS (ng/L)					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	24.0 U	22.0 U	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.60 U	12.0 U	11.0 U	8.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.60 U	12.0 U	11.0 U	8.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.60 U	12.0 U	11.0 U	8.70 U
Perfluorobutanesulfonic acid (PFBS)	0.980 U	0.960 U	1.20 U	<b>0.580 J</b>	0.870 U
Perfluorodecanoic acid (PFDA)	0.980 U	0.960 U	1.20 U	1.10 U	0.870 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.80 U	1.60 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.40 U	1.80 U	1.60 U	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	0.980 U	<b>0.510 J</b>	<b>0.460 J</b>	<b>1.10 J</b>	1.70 U
Perfluorohexanoic acid (PFHxA)	0.980 U	0.960 U	1.20 U	<b>1.20 J</b>	0.870 U
Perfluorononanoic acid (PFNA)	1.50 U	<b>0.570 J</b>	1.80 U	1.60 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	<b>1.10 J</b>	3.60 U	3.30 U	2.60 U
Perfluorooctanoic acid (PFOA)	1.50 U	<b>0.980 J</b>	<b>0.760 J</b>	1.60 U	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	3.60 U	3.30 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	3.60 U	3.30 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.80 U	1.60 U	1.30 U

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	Locations: 5702MW-20-03	5702MW-20-03	5702MW-20-03	5702MW-20-03 (FD)	5702MW-20-05
Field Sample ID:	5702MW-20-03-115-120	5702MW-20-03-125-130	5702MW-20-03-135-140	A1-VP-FD-21020	5702MW-20-05-105-110
Sample Begin Depth:	115.00	125.00	135.00	135.00	105.00
Sample End Depth:	120.00	130.00	140.00	140.00	110.00
Sample Date:	02/07/2020	02/07/2020	02/10/2020	02/10/2020	01/28/2020
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	17.0 U	21.0 U	21.0 U	21.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.50 U	11.0 U	10.0 U	10.0 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.50 U	11.0 U	10.0 U	10.0 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.50 U	11.0 U	10.0 U	10.0 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	<b>0.580 J</b>	1.10 U	<b>0.730 J</b>	<b>0.830 J</b>	0.940 U
Perfluorodecanoic acid (PFDA)	0.850 U	1.10 U	1.00 U	1.00 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.60 U	1.60 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.30 U	1.60 U	1.60 U	1.50 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	<b>1.80</b>	2.10 U	<b>1.70 J</b>	<b>1.80 J</b>	<b>0.400 J</b>
Perfluorohexanoic acid (PFHxA)	<b>1.60 J</b>	1.10 U	<b>2.60</b>	<b>2.90</b>	0.940 U
Perfluorononanoic acid (PFNA)	1.30 U	1.60 U	1.60 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.50 U	3.20 U	3.10 U	3.10 U	2.80 U
Perfluorooctanoic acid (PFOA)	<b>0.500 J</b>	1.60 U	<b>0.570 J</b>	<b>0.600 J</b>	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.50 U	3.20 U	3.10 U	3.10 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.50 U	3.20 U	3.10 U	3.10 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.60 U	1.60 U	1.50 U	1.40 U

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	Locations: 5702MW-20-05	5702MW-20-05	5702MW-20-05
<b>Field Sample ID:</b>	5702MW-20-05-115-120	5702MW-20-05-125-130	5702MW-20-05-95-100
<b>Sample Begin Depth:</b>	115.00	125.00	95.00
<b>Sample End Depth:</b>	120.00	130.00	100.00
<b>Sample Date:</b>	01/30/2020	01/31/2020	01/28/2020
<b>PFAS (ng/L)</b>			
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	8.80 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	8.80 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	8.80 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	<b>0.600 J</b>	0.880 U	0.930 U
Perfluorodecanoic acid (PFDA)	0.920 U	0.880 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.30 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.30 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	<b>0.960 J</b>	<b>0.500 J</b>	<b>0.400 J</b>
Perfluorohexanoic acid (PFHxA)	<b>1.60 J</b>	0.880 U	0.930 U
Perfluorononanoic acid (PFNA)	1.40 U	1.30 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.60 U	2.80 U
Perfluorooctanoic acid (PFOA)	1.40 U	<b>0.470 J</b>	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.60 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.60 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.30 U	1.40 U

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KOMAN, PFAS RI, Vertical Profile Samples-Area 1

AOX 57, Building 3713 Fuel Oil Spill Site

	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01
Locations:	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01	5701VP-18-01
Field Sample ID:	5701VP-18-01-12-16	5701VP-18-01-22-26	5701VP-18-01-32-36	5701VP-18-01-42-46	5701VP-18-01-52-56
Sample Begin Depth:	12.00	22.00	32.00	42.00	52.00
Sample End Depth:	16.00	26.00	36.00	46.00	56.00
Sample Date:	12/05/2018	12/05/2018	12/05/2018	12/06/2018	12/06/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.20 U	9.30 U	9.20 U	9.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.20 U	9.30 U	9.20 U	9.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.20 U	9.30 U	9.20 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.90</b>	<b>2.30</b>	<b>1.80 J</b>	<b>1.20 J</b>	<b>1.30 J</b>
Perfluorodecanoic acid (PFDA)	0.910 U	0.920 U	0.930 U	0.920 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>4.10</b>	<b>2.60</b>	<b>1.90</b>	1.40 U	<b>0.950 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>13.0</b>	<b>9.60</b>	<b>25.0</b>	<b>11.0</b>	<b>14.0</b>
Perfluorohexanoic acid (PFHxA)	<b>11.0</b>	<b>7.40</b>	<b>7.30</b>	<b>1.10 J</b>	<b>1.80</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>3.90</b>	<b>3.00 J</b>	<b>1.70 J</b>	<b>1.30 J</b>	<b>2.70 J</b>
Perfluorooctanoic acid (PFOA)	<b>8.30</b>	<b>4.70</b>	<b>4.60</b>	<b>0.820 J</b>	<b>2.80</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	5701VP-18-01	5701VP-18-01	5701VP-18-02	5701VP-18-02	5701VP-18-02
<b>Locations:</b>	5701VP-18-01	5701VP-18-01	5701VP-18-02	5701VP-18-02	5701VP-18-02
<b>Field Sample ID:</b>	5701VP-18-01-62-66	5701VP-18-01-72-76	5701VP-18-02-12-16	5701VP-18-02-22-26	5701VP-18-02-32-36
<b>Sample Begin Depth:</b>	62.00	72.00	12.00	22.00	32.00
<b>Sample End Depth:</b>	66.00	76.00	16.00	26.00	36.00
<b>Sample Date:</b>	12/06/2018	12/06/2018	12/06/2018	12/07/2018	12/07/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.10 U	9.60 U	9.10 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.10 U	9.60 U	9.10 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.10 U	9.60 U	9.10 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	0.910 U	0.910 U	<b>2.70</b>	<b>2.30</b>	<b>3.30</b>
Perfluorodecanoic acid (PFDA)	0.910 U	0.910 U	0.960 U	0.910 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 UJ	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	<b>2.20</b>	<b>2.40</b>	<b>2.90</b>
Perfluorohexanesulfonic acid (PFHxS)	0.910 U	<b>0.970 J</b>	<b>8.90</b>	<b>11.0</b>	<b>75.0</b>
Perfluorohexanoic acid (PFHxA)	0.910 U	<b>0.850 J</b>	<b>5.70</b>	<b>6.90</b>	<b>10.0</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.70 U	2.70 U	<b>1.70 J</b>	<b>2.30 J</b>	<b>4.30</b>
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	<b>4.40</b>	<b>5.40</b>	<b>7.60</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.90 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.90 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	5701VP-18-02	5701VP-18-02	5701VP-18-02	5701VP-18-02	5701VP-18-02 (FD)
<b>Locations:</b>	5701VP-18-02	5701VP-18-02	5701VP-18-02	5701VP-18-02	5701VP-18-02 (FD)
<b>Field Sample ID:</b>	5701VP-18-02-42-46	5701VP-18-02-52-56	5701VP-18-02-62-66	5701VP-18-02-72-76	A1-VP-DUP-R2-12072018
<b>Sample Begin Depth:</b>	42.00	52.00	62.00	72.00	32.00
<b>Sample End Depth:</b>	46.00	56.00	66.00	76.00	36.00
<b>Sample Date:</b>	12/07/2018	12/07/2018	12/07/2018	12/07/2018	12/07/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	9.30 U	9.20 U	9.30 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	9.30 U	9.20 U	9.30 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	9.30 U	9.20 U	9.30 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	<b>3.50</b>	<b>4.00</b>	0.920 U	<b>0.810 J</b>	<b>3.30</b>
Perfluorodecanoic acid (PFDA)	0.920 U	0.930 U	0.920 U	0.930 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>0.670 J</b>	1.40 U	1.40 U	<b>0.590 J</b>	<b>2.80</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>21.0</b>	<b>19.0</b>	0.920 U	<b>3.60</b>	<b>68.0</b>
Perfluorohexanoic acid (PFHxA)	<b>3.90</b>	<b>5.50</b>	0.920 U	<b>2.60</b>	<b>9.40</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>1.10 J</b>	2.80 U	2.80 U	<b>1.00 J</b>	<b>4.40</b>
Perfluorooctanoic acid (PFOA)	<b>1.20 J</b>	<b>1.10 J</b>	1.40 U	<b>0.540 J</b>	<b>7.50</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-01
<b>Field Sample ID:</b>	5702VP-18-01-102-106	5702VP-18-01-22-26	5702VP-18-01-32-36	5702VP-18-01-42-46	5702VP-18-01-52-56
<b>Sample Begin Depth:</b>	102.00	22.00	32.00	42.00	52.00
<b>Sample End Depth:</b>	106.00	26.00	36.00	46.00	56.00
<b>Sample Date:</b>	11/12/2018	11/08/2018	11/08/2018	11/08/2018	11/09/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	<b>8.50 J</b>	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.50 U	9.40 U	9.50 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.50 U	9.40 U	9.50 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.50 U	9.40 U	9.50 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	1.00 U	<b>11.0</b>	<b>25.0</b>	<b>2.90</b>	<b>0.890 J</b>
Perfluorodecanoic acid (PFDA)	1.00 U	0.950 U	<b>0.630 J</b>	0.950 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	<b>680</b>	<b>1600</b>	<b>73.0</b>	<b>3.00</b>
Perfluorohexanesulfonic acid (PFHxS)	1.00 U	<b>210</b>	<b>1100</b>	<b>52.0</b>	<b>10.0</b>
Perfluorohexanoic acid (PFHxA)	1.00 U	<b>410</b>	<b>1200</b>	<b>51.0</b>	<b>2.90</b>
Perfluorononanoic acid (PFNA)	1.50 U	<b>7.10</b>	<b>6.40</b>	<b>1.30 J</b>	1.40 U
Perfluorooctanesulfonic acid (PFOS)	3.00 U	<b>260</b>	<b>250</b>	<b>21.0</b>	<b>2.00 J</b>
Perfluorooctanoic acid (PFOA)	1.50 U	<b>450</b>	<b>1700</b>	<b>100</b>	<b>4.60</b>
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.80 U	2.80 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.40 U	1.40 U



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	Locations: 5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-01	5702VP-18-02
Field Sample ID:	5702VP-18-01-62-66	5702VP-18-01-72-76	5702VP-18-01-82-86	5702VP-18-01-92-96	5702VP-18-02-12-16
Sample Begin Depth:	62.00	72.00	82.00	92.00	12.00
Sample End Depth:	66.00	76.00	86.00	96.00	16.00
Sample Date:	11/09/2018	11/09/2018	11/09/2018	11/09/2018	11/19/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	21.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.30 U	9.60 U	10.0 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.30 U	9.60 U	10.0 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.30 U	9.60 U	10.0 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.60</b>	<b>1.70 J</b>	0.960 U	1.00 U	<b>39.0</b>
Perfluorodecanoic acid (PFDA)	0.930 U	0.930 U	0.960 U	1.00 U	<b>3.00</b>
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	<b>1.30 J</b>	<b>0.880 J</b>	1.40 U	1.60 U	<b>290</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>28.0</b>	<b>19.0</b>	1.90 U	2.10 U	<b>130</b>
Perfluorohexanoic acid (PFHxA)	<b>2.90</b>	<b>0.890 J</b>	0.960 U	1.00 U	<b>460</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.60 U	<b>5.40</b>
Perfluorooctanesulfonic acid (PFOS)	<b>3.30 J</b>	<b>3.20 J</b>	2.90 U	3.10 U	<b>9.70</b>
Perfluorooctanoic acid (PFOA)	<b>7.10</b>	<b>10.0</b>	1.40 U	1.60 U	<b>140</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U

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	Locations: 5702VP-18-02	5702VP-18-02	5702VP-18-02	5702VP-18-02	5702VP-18-02
<b>Field Sample ID:</b>	5702VP-18-02-22-26	5702VP-18-02-32-36	5702VP-18-02-42-46	5702VP-18-02-52-56	5702VP-18-02-62-66
<b>Sample Begin Depth:</b>	22.00	32.00	42.00	52.00	62.00
<b>Sample End Depth:</b>	26.00	36.00	46.00	56.00	66.00
<b>Sample Date:</b>	11/19/2018	11/19/2018	11/19/2018	11/19/2018	11/20/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	20.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.80 U	10.0 U	10.0 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.80 U	10.0 U	10.0 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.80 U	10.0 U	10.0 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	<b>45.0</b>	<b>33.0</b>	<b>2.90</b>	<b>3.80</b>	<b>0.930 J</b>
Perfluorodecanoic acid (PFDA)	<b>1.40 J</b>	<b>1.70 J</b>	1.00 U	1.00 U	<b>0.470 J</b>
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.50 U	1.50 U	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	<b>200</b>	<b>770</b>	<b>26.0</b>	<b>81.0</b>	<b>20.0 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>160</b>	<b>400</b>	<b>24.0</b>	<b>36.0</b>	<b>6.00</b>
Perfluorohexanoic acid (PFHxA)	<b>650</b>	<b>1000</b>	<b>45.0</b>	<b>93.0</b>	<b>22.0 J</b>
Perfluorononanoic acid (PFNA)	<b>8.10</b>	<b>5.00</b>	1.50 U	<b>0.540 J</b>	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>28.0</b>	<b>60.0</b>	<b>4.40</b>	<b>4.30</b>	<b>1.20 J</b>
Perfluorooctanoic acid (PFOA)	<b>140</b>	<b>500</b>	<b>26.0</b>	<b>34.0</b>	<b>9.00</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	3.00 U	3.00 U	3.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	3.00 U	3.00 U	3.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.50 U	1.50 U	1.40 U

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	Locations: 5702VP-18-02	5702VP-18-02	5702VP-18-02 (FD)	5702VP-18-03	5702VP-18-03
Field Sample ID:	5702VP-18-02-72-76	5702VP-18-02-82-86	A2-VP-DUP-R1	5702VP-18-03-12-16	5702VP-18-03-22-26
Sample Begin Depth:	72.00	82.00	62.00	12.00	22.00
Sample End Depth:	76.00	86.00	66.00	16.00	26.00
Sample Date:	11/20/2018	11/20/2018	11/20/2018	11/12/2018	11/12/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	26.0 U	19.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	13.0 U	9.50 U	9.20 U	9.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	13.0 U	9.50 U	9.20 U	9.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	13.0 U	9.50 U	9.20 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.50 J</b>	<b>3.40</b>	<b>0.630 J</b>	<b>0.470 J</b>	<b>5.90</b>
Perfluorodecanoic acid (PFDA)	0.930 U	<b>3.80</b>	<b>0.460 J</b>	<b>1.20 J</b>	<b>0.720 J</b>
Perfluorododecanoic acid (PFDoA)	1.40 U	1.90 U	1.40 UJ	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>4.30</b>	<b>83.0</b>	<b>15.0 J</b>	<b>0.940 J</b>	<b>25.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>12.0</b>	<b>26.0</b>	<b>4.70</b>	<b>0.550 J</b>	<b>330</b>
Perfluorohexanoic acid (PFHxA)	<b>4.90</b>	<b>96.0</b>	<b>16.0 J</b>	<b>1.00 J</b>	<b>110</b>
Perfluorononanoic acid (PFNA)	1.40 U	<b>3.10</b>	1.40 U	<b>1.30 J</b>	<b>1.30 J</b>
Perfluorooctanesulfonic acid (PFOS)	<b>1.10 J</b>	<b>10.0</b>	<b>1.40 J</b>	<b>2.20 J</b>	<b>35.0</b>
Perfluorooctanoic acid (PFOA)	<b>3.10</b>	<b>47.0</b>	<b>7.20</b>	<b>2.10</b>	<b>410</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.90 U	2.80 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.90 U	2.80 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.90 U	1.40 U	1.40 U	1.40 U

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	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03
<b>Locations:</b>	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03
<b>Field Sample ID:</b>	5702VP-18-03-32-36	5702VP-18-03-42-46	5702VP-18-03-52-56	5702VP-18-03-62-66	5702VP-18-03-72-76
<b>Sample Begin Depth:</b>	32.00	42.00	52.00	62.00	72.00
<b>Sample End Depth:</b>	36.00	46.00	56.00	66.00	76.00
<b>Sample Date:</b>	11/12/2018	11/12/2018	11/12/2018	11/13/2018	11/13/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	18.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.30 U	9.10 U	9.10 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.30 U	9.10 U	9.10 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.30 U	9.10 U	9.10 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	<b>18.0</b>	<b>1.40 J</b>	<b>1.50 J</b>	0.910 U	0.930 U
Perfluorodecanoic acid (PFDA)	0.910 U	0.930 U	0.910 U	0.910 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>77.0</b>	1.40 U	1.40 U	<b>0.900 J</b>	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	<b>1100</b>	<b>13.0</b>	<b>15.0</b>	<b>12.0</b>	<b>0.600 J</b>
Perfluorohexanoic acid (PFHxA)	<b>460</b>	<b>0.700 J</b>	0.910 U	<b>4.90</b>	0.930 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>110</b>	2.80 U	2.70 U	<b>1.90 J</b>	2.80 U
Perfluorooctanoic acid (PFOA)	<b>1200</b>	<b>2.70</b>	<b>1.60 J</b>	<b>13.0</b>	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.70 U	2.70 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.70 U	2.70 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-18-03	5702VP-18-03	5702VP-18-03	5702VP-18-03 (FD)	5702VP-18-04
Field Sample ID:	5702VP-18-03-82-86	5702VP-18-03-92-96	5702VP-18-03-98-102	A1-VP-DUP-R2-11122018	5702VP-18-04-102-106
Sample Begin Depth:	82.00	92.00	98.00	22.00	102.00
Sample End Depth:	86.00	96.00	102.00	26.00	106.00
Sample Date:	11/13/2018	11/14/2018	11/14/2018	11/12/2018	11/13/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	24.0 U	21.0 U	18.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	12.0 U	10.0 U	9.00 U	12.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	12.0 U	10.0 U	9.00 U	12.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	12.0 U	10.0 U	9.00 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	0.940 U	1.20 U	1.00 U	<b>6.00</b>	1.20 U
Perfluorodecanoic acid (PFDA)	0.940 U	1.20 U	1.00 U	<b>0.750 J</b>	1.20 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.80 U	1.60 U	1.40 U	1.80 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	<b>0.850 J</b>	1.60 U	<b>24.0</b>	<b>1.00 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>1.00 J</b>	<b>10.0</b>	1.00 U	<b>360</b>	<b>4.00</b>
Perfluorohexanoic acid (PFHxA)	0.940 U	<b>4.20</b>	1.00 U	<b>110</b>	<b>2.70</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.80 U	1.60 U	<b>1.30 J</b>	1.80 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	<b>1.30 J</b>	3.10 U	<b>33.0</b>	3.50 U
Perfluorooctanoic acid (PFOA)	<b>0.870 J</b>	<b>14.0</b>	1.60 U	<b>420</b>	<b>1.90 J</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.50 U	3.10 U	2.70 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.50 U	3.10 U	2.70 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.80 U	1.60 U	1.40 U	1.80 U

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	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04
<b>Locations:</b>	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04
<b>Field Sample ID:</b>	5702VP-18-04-12-16	5702VP-18-04-22-26	5702VP-18-04-32-36	5702VP-18-04-42-46	5702VP-18-04-52-56
<b>Sample Begin Depth:</b>	12.00	22.00	32.00	42.00	52.00
<b>Sample End Depth:</b>	16.00	26.00	36.00	46.00	56.00
<b>Sample Date:</b>	11/12/2018	11/12/2018	11/12/2018	11/12/2018	11/12/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	23.0 U	21.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	10.0 U	12.0 U	10.0 U	12.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	10.0 U	12.0 U	10.0 U	12.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	10.0 U	12.0 U	10.0 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>4.10</b>	<b>7.20</b>	<b>11.0</b>	<b>1.40 J</b>	<b>1.50 J</b>
Perfluorodecanoic acid (PFDA)	<b>2.00</b>	1.00 U	<b>4.10</b>	1.00 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.70 U	1.50 U	1.80 U
Perfluoroheptanoic acid (PFHpA)	<b>150</b>	<b>210</b>	<b>150</b>	<b>3.40</b>	1.80 U
Perfluorohexanesulfonic acid (PFHxS)	<b>19.0</b>	<b>44.0</b>	<b>57.0</b>	<b>29.0</b>	<b>13.0</b>
Perfluorohexanoic acid (PFHxA)	<b>160</b>	<b>120</b>	<b>260</b>	<b>15.0</b>	<b>1.80 J</b>
Perfluorononanoic acid (PFNA)	<b>6.80</b>	<b>11.0</b>	<b>4.30</b>	1.50 U	1.80 U
Perfluorooctanesulfonic acid (PFOS)	<b>11.0</b>	<b>5.80</b>	<b>10.0</b>	<b>1.10 J</b>	3.50 U
Perfluorooctanoic acid (PFOA)	<b>63.0</b>	<b>140</b>	<b>51.0</b>	<b>11.0</b>	<b>3.60</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.00 U	3.50 U	3.10 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.00 U	3.50 U	3.10 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.70 U	1.50 U	1.80 U

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	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04 (FD)
<b>Locations:</b>	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04	5702VP-18-04 (FD)
<b>Field Sample ID:</b>	5702VP-18-04-62-66	5702VP-18-04-72-76	5702VP-18-04-82-86	5702VP-18-04-92-96	A1-VP-DUP-R1-111218
<b>Sample Begin Depth:</b>	62.00	72.00	82.00	92.00	12.00
<b>Sample End Depth:</b>	66.00	76.00	86.00	96.00	16.00
<b>Sample Date:</b>	11/12/2018	11/12/2018	11/13/2018	11/13/2018	11/12/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	20.0 U	20.0 U	27.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	10.0 U	10.0 U	13.0 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	10.0 U	10.0 U	13.0 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	10.0 U	10.0 U	13.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	<b>0.740 J</b>	<b>2.80</b>	1.00 U	1.30 U	<b>4.40</b>
Perfluorodecanoic acid (PFDA)	1.10 U	1.00 U	1.00 U	1.30 U	<b>2.30</b>
Perfluorododecanoic acid (PFDoA)	1.60 U	1.50 U	1.50 U	2.00 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.60 U	1.50 U	1.50 U	2.00 U	<b>160</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>2.80</b>	<b>12.0</b>	1.00 U	1.30 U	<b>21.0</b>
Perfluorohexanoic acid (PFHxA)	1.10 U	1.00 U	1.00 U	1.30 U	<b>170</b>
Perfluorononanoic acid (PFNA)	1.60 U	1.50 U	1.50 U	2.00 U	<b>7.20</b>
Perfluorooctanesulfonic acid (PFOS)	3.20 U	3.00 U	3.00 U	4.00 U	<b>11.0</b>
Perfluorooctanoic acid (PFOA)	1.60 U	1.50 U	1.50 U	2.00 U	<b>70.0</b>
Perfluorotetradecanoic acid (PFTA)	3.20 U	3.00 U	3.00 U	4.00 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	3.00 U	3.00 U	4.00 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.50 U	1.50 U	2.00 U	1.40 U

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	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05
<b>Locations:</b>	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05
<b>Field Sample ID:</b>	5702VP-18-05-12-16	5702VP-18-05-22-26	5702VP-18-05-32-36	5702VP-18-05-42-46	5702VP-18-05-52-56
<b>Sample Begin Depth:</b>	12.00	22.00	32.00	42.00	52.00
<b>Sample End Depth:</b>	16.00	26.00	36.00	46.00	56.00
<b>Sample Date:</b>	11/14/2018	11/14/2018	11/14/2018	11/14/2018	11/14/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	21.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.40 U	9.60 U	10.0 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.40 U	9.60 U	10.0 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.40 U	9.60 U	10.0 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	<b>10.0</b>	<b>17.0</b>	<b>11.0</b>	<b>1.60 J</b>	0.970 U
Perfluorodecanoic acid (PFDA)	<b>0.670 J</b>	0.940 U	<b>14.0</b>	1.00 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	<b>100</b>	<b>120</b>	<b>380</b>	<b>6.90</b>	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	<b>43.0</b>	<b>56.0</b>	<b>42.0</b>	<b>17.0</b>	0.970 U
Perfluorohexanoic acid (PFHxA)	<b>150</b>	<b>330</b>	<b>420</b>	<b>11.0</b>	0.970 U
Perfluorononanoic acid (PFNA)	<b>13.0</b>	<b>9.40</b>	<b>11.0</b>	1.60 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	<b>17.0</b>	<b>10.0</b>	<b>37.0</b>	<b>1.50 J</b>	2.90 U
Perfluorooctanoic acid (PFOA)	<b>92.0</b>	<b>79.0</b>	<b>160</b>	<b>11.0</b>	1.50 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.90 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.60 U	1.50 U



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	Locations: 5702VP-18-05	5702VP-18-05	5702VP-18-05	5702VP-18-05 (FD)	5702VP-18-06
Field Sample ID:	5702VP-18-05-62-66	5702VP-18-05-72-76	5702VP-18-05-80-84	A1-VP-DUP-R1-111518	5702VP-18-06-18-22
Sample Begin Depth:	62.00	72.00	80.00	72.00	18.00
Sample End Depth:	66.00	76.00	84.00	76.00	22.00
Sample Date:	11/15/2018	11/15/2018	11/15/2018	11/15/2018	11/15/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	<b>13.0 J</b>	24.0 U	<b>14.0 J</b>	<b>11.0 J</b>
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	12.0 U	12.0 U	11.0 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	12.0 U	12.0 U	11.0 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	12.0 U	12.0 U	11.0 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	1.20 U	<b>2.80</b>	<b>0.590 J</b>	<b>3.00</b>	<b>16.0</b>
Perfluorodecanoic acid (PFDA)	1.20 U	1.20 U	1.20 U	1.10 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.70 U	1.80 U	1.60 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.80 U	1.70 U	1.80 U	1.60 U	<b>100</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>0.530 J</b>	<b>23.0</b>	<b>2.60</b>	<b>23.0</b>	<b>48.0</b>
Perfluorohexanoic acid (PFHxA)	1.20 U	<b>0.570 J</b>	<b>1.10 J</b>	<b>0.570 J</b>	<b>330</b>
Perfluorononanoic acid (PFNA)	1.80 U	1.70 U	1.80 U	1.60 U	<b>2.90</b>
Perfluorooctanesulfonic acid (PFOS)	3.60 U	3.50 U	3.70 U	3.30 U	<b>7.10</b>
Perfluorooctanoic acid (PFOA)	1.80 U	<b>1.20 J</b>	<b>1.80 J</b>	<b>2.00 J</b>	<b>110</b>
Perfluorotetradecanoic acid (PFTA)	3.60 U	3.50 U	3.70 U	3.30 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	3.50 U	3.70 U	3.30 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.70 U	1.80 U	1.60 U	1.40 U

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	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06
<b>Locations:</b>	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06	5702VP-18-06
<b>Field Sample ID:</b>	5702VP-18-06-28-32	5702VP-18-06-38-42	5702VP-18-06-48-52	5702VP-18-06-58-62	5702VP-18-06-68-72
<b>Sample Begin Depth:</b>	28.00	38.00	48.00	58.00	68.00
<b>Sample End Depth:</b>	32.00	42.00	52.00	62.00	72.00
<b>Sample Date:</b>	11/15/2018	11/15/2018	11/15/2018	11/16/2018	11/16/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	20.0 U	20.0 U	19.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.80 U	10.0 U	9.50 U	12.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.80 U	10.0 U	9.50 U	12.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.80 U	10.0 U	9.50 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>27.0</b>	<b>7.20</b>	1.00 U	<b>0.730 J</b>	<b>0.610 J</b>
Perfluorodecanoic acid (PFDA)	<b>3.20</b>	<b>14.0</b>	1.00 U	0.950 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.50 U	1.50 U	1.40 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	<b>230</b>	<b>290</b>	1.50 U	1.40 U	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	<b>110</b>	<b>29.0</b>	<b>2.70</b>	<b>1.80 J</b>	<b>5.00</b>
Perfluorohexanoic acid (PFHxA)	<b>530</b>	<b>330</b>	<b>0.530 J</b>	<b>0.680 J</b>	1.20 U
Perfluorononanoic acid (PFNA)	<b>6.10</b>	<b>14.0</b>	1.50 U	1.40 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	<b>14.0</b>	<b>39.0</b>	3.10 U	2.90 U	3.50 U
Perfluorooctanoic acid (PFOA)	<b>110</b>	<b>160</b>	<b>0.560 J</b>	<b>0.530 J</b>	1.70 U
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.90 U	3.10 U	2.90 U	3.50 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.90 U	3.10 U	2.90 U	3.50 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.50 U	1.50 U	1.40 U	1.70 U

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	Locations: 5702VP-18-06	5702VP-18-06	5702VP-18-07	5702VP-18-07	5702VP-18-07
<b>Field Sample ID:</b>	5702VP-18-06-78-82	5702VP-18-06-8-12	5702VP-18-07-12-16	5702VP-18-07-22-26	5702VP-18-07-2-6
<b>Sample Begin Depth:</b>	78.00	8.00	12.00	22.00	2.00
<b>Sample End Depth:</b>	82.00	12.00	16.00	26.00	6.00
<b>Sample Date:</b>	11/16/2018	11/15/2018	11/29/2018	11/29/2018	11/29/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	19.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	9.40 U	9.10 U	9.10 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.40 U	9.10 U	9.10 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.40 U	9.10 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.20 J</b>	<b>9.20</b>	<b>12.0</b>	<b>9.90</b>	<b>11.0</b>
Perfluorodecanoic acid (PFDA)	<b>5.00</b>	0.940 U	0.910 U	<b>1.70 J</b>	0.910 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>24.0</b>	<b>63.0</b>	<b>55.0</b>	<b>110</b>	<b>78.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>13.0</b>	<b>56.0</b>	<b>31.0</b>	<b>45.0</b>	<b>33.0</b>
Perfluorohexanoic acid (PFHxA)	<b>36.0</b>	<b>91.0</b>	<b>61.0</b>	<b>190</b>	<b>100</b>
Perfluorononanoic acid (PFNA)	<b>2.80</b>	<b>7.40</b>	<b>4.40</b>	<b>6.30</b>	<b>4.90</b>
Perfluorooctanesulfonic acid (PFOS)	<b>17.0</b>	<b>9.90</b>	<b>3.90</b>	<b>11.0</b>	<b>2.30 J</b>
Perfluorooctanoic acid (PFOA)	<b>33.0</b>	<b>92.0</b>	<b>120</b>	<b>82.0</b>	<b>170</b>
Perfluorotetradecanoic acid (PFTA)	3.60 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-18-07	5702VP-18-07	5702VP-18-07	5702VP-18-07	5702VP-18-07
Field Sample ID:	5702VP-18-07-32-36	5702VP-18-07-42-46	5702VP-18-07-52-56	5702VP-18-07-62-66	5702VP-18-07-72-76
Sample Begin Depth:	32.00	42.00	52.00	62.00	72.00
Sample End Depth:	36.00	46.00	56.00	66.00	76.00
Sample Date:	11/29/2018	11/29/2018	11/29/2018	11/29/2018	11/30/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	28.0 U	28.0 U	19.0 U	20.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	14.0 U	14.0 U	9.40 U	9.80 U	9.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	14.0 U	14.0 U	9.40 U	9.80 U	9.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	14.0 U	14.0 U	9.40 U	9.80 U	9.90 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.30 J</b>	1.40 U	0.940 U	0.980 U	0.990 U
Perfluorodecanoic acid (PFDA)	1.40 U	1.40 U	0.940 U	0.980 U	0.990 U
Perfluorododecanoic acid (PFDoA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U
Perfluorohexanesulfonic acid (PFHxS)	<b>18.0</b>	<b>2.00 J</b>	<b>0.570 J</b>	<b>0.980 J</b>	0.990 U
Perfluorohexanoic acid (PFHxA)	<b>1.60 J</b>	<b>0.660 J</b>	0.940 U	0.980 U	0.990 U
Perfluorononanoic acid (PFNA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U
Perfluorooctanesulfonic acid (PFOS)	4.30 U	<b>4.60 J</b>	2.80 U	2.90 U	3.00 U
Perfluorooctanoic acid (PFOA)	<b>3.60</b>	2.10 U	1.40 U	1.50 U	1.50 U
Perfluorotetradecanoic acid (PFTA)	4.30 U	4.20 U	2.80 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	4.30 U	4.20 U	2.80 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	2.10 U	2.10 U	1.40 U	1.50 U	1.50 U

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	Locations: 5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08
<b>Field Sample ID:</b>	5702VP-18-08-12-16	5702VP-18-08-22-26	5702VP-18-08-32-36	5702VP-18-08-42-46	5702VP-18-08-52-56
<b>Sample Begin Depth:</b>	12.00	22.00	32.00	42.00	52.00
<b>Sample End Depth:</b>	16.00	26.00	36.00	46.00	56.00
<b>Sample Date:</b>	11/14/2018	11/15/2018	11/15/2018	11/19/2018	11/19/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	<b>8.40 J</b>	19.0 U	<b>17.0 J</b>	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.40 U	9.50 U	9.40 U	9.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.40 U	9.50 U	9.40 U	9.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.40 U	9.50 U	9.40 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.40 J</b>	<b>6.70</b>	<b>77.0</b>	<b>2.60</b>	<b>0.540 J</b>
Perfluorodecanoic acid (PFDA)	<b>1.10 J</b>	<b>1.30 J</b>	<b>1.10 J</b>	0.940 U	0.900 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	<b>2.60</b>	<b>31.0</b>	<b>270</b>	<b>1.20 J</b>	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	<b>20.0</b>	<b>450</b>	<b>4100</b>	<b>39.0</b>	<b>2.90</b>
Perfluorohexanoic acid (PFHxA)	<b>6.60</b>	<b>120</b>	<b>1500</b>	<b>4.60</b>	0.900 U
Perfluorononanoic acid (PFNA)	<b>2.10</b>	<b>1.30 J</b>	<b>1.20 J</b>	1.40 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	<b>19.0</b>	<b>41.0</b>	<b>490</b>	<b>8.30</b>	2.70 U
Perfluorooctanoic acid (PFOA)	<b>24.0</b>	<b>280</b>	<b>3900</b>	<b>9.50</b>	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.80 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.30 U

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	Locations: 5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08	5702VP-18-08 (FD)
<b>Field Sample ID:</b>	5702VP-18-08-62-66	5702VP-18-08-72-76	5702VP-18-08-82-86	5702VP-18-08-90-94	A1-VP-DUP-R2-11192018
<b>Sample Begin Depth:</b>	62.00	72.00	82.00	90.00	52.00
<b>Sample End Depth:</b>	66.00	76.00	86.00	94.00	56.00
<b>Sample Date:</b>	11/19/2018	11/19/2018	11/19/2018	11/20/2018	11/19/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.50 U	9.70 U	9.80 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.50 U	9.70 U	9.80 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.50 U	9.70 U	9.80 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.00 J</b>	0.950 U	0.970 U	0.980 U	<b>0.610 J</b>
Perfluorodecanoic acid (PFDA)	0.960 U	0.950 U	0.970 U	0.980 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	<b>7.90</b>	<b>0.630 J</b>	<b>2.60</b>	<b>0.570 J</b>	<b>2.80</b>
Perfluorohexanoic acid (PFHxA)	<b>0.790 J</b>	0.950 U	<b>1.10 J</b>	0.980 U	0.970 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.90 U	<b>3.80 J</b>	3.00 U	2.90 U
Perfluorooctanoic acid (PFOA)	<b>1.00 J</b>	<b>0.530 J</b>	<b>2.30</b>	1.50 U	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.90 U	3.00 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.90 U	3.00 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.50 U	1.40 U

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	5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01
<b>Locations:</b>	5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01
<b>Field Sample ID:</b>	5702VP-19-01-102-106	5702VP-19-01-22-26	5702VP-19-01-32-36	5702VP-19-01-42-46	5702VP-19-01-52-56
<b>Sample Begin Depth:</b>	102.00	22.00	32.00	42.00	52.00
<b>Sample End Depth:</b>	106.00	26.00	36.00	46.00	56.00
<b>Sample Date:</b>	01/29/2019	01/25/2019	01/25/2019	01/28/2019	01/28/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	24.0 U	19.0 U	22.0 U	23.0 U	22.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	12.0 U	<b>43.0</b>	11.0 U	<b>36.0</b>	<b>7.00 J</b>
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	12.0 U	9.50 U	11.0 U	12.0 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	12.0 U	9.50 U	11.0 U	12.0 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	1.20 U	<b>6.90</b>	<b>5.70</b>	<b>2.60</b>	<b>1.90 J</b>
Perfluorodecanoic acid (PFDA)	1.20 U	0.950 U	1.10 U	<b>82.0</b>	1.10 U
Perfluorododecanoic acid (PFDoA)	1.80 U	1.40 U	1.70 U	<b>19.0</b>	1.70 U
Perfluoroheptanoic acid (PFHpA)	1.80 U	<b>50.0</b>	<b>5.00</b>	<b>26.0</b>	<b>5.40</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>0.470 J</b>	<b>810</b>	<b>160</b>	<b>70.0</b>	<b>29.0</b>
Perfluorohexanoic acid (PFHxA)	<b>1.20 J</b>	<b>61.0</b>	<b>54.0</b>	<b>70.0</b>	<b>21.0</b>
Perfluorononanoic acid (PFNA)	1.80 U	<b>1.20 J</b>	<b>1.20 J</b>	<b>61.0</b>	<b>1.20 J</b>
Perfluorooctanesulfonic acid (PFOS)	<b>7.40</b>	<b>970</b>	<b>24.0</b>	<b>1100</b>	<b>250</b>
Perfluorooctanoic acid (PFOA)	1.80 U	<b>470</b>	<b>98.0</b>	<b>130</b>	<b>23.0</b>
Perfluorotetradecanoic acid (PFTA)	3.60 U	2.80 U	3.30 U	<b>3.10 J</b>	3.40 U
Perfluorotridecanoic acid (PFTrDA)	3.60 U	2.80 U	3.30 U	<b>2.70 J</b>	3.40 U
Perfluoroundecanoic acid (PFUnA)	1.80 U	1.40 U	1.70 U	<b>32.0</b>	1.70 U

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	Locations: 5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01	5702VP-19-01 (FD)
<b>Field Sample ID:</b>	5702VP-19-01-62-66	5702VP-19-01-72-76	5702VP-19-01-82-86	5702VP-19-01-92-96	A1-VP-DUP-R1-12519
<b>Sample Begin Depth:</b>	62.00	72.00	82.00	92.00	22.00
<b>Sample End Depth:</b>	66.00	76.00	86.00	96.00	26.00
<b>Sample Date:</b>	01/28/2019	01/28/2019	01/28/2019	01/29/2019	01/25/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	19.0 U	20.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.80 U	9.40 U	10.0 U	9.70 U	<b>41.0</b>
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.80 U	9.40 U	10.0 U	9.70 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.80 U	9.40 U	10.0 U	9.70 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>3.10</b>	<b>2.30</b>	<b>0.680 J</b>	0.970 U	<b>6.90</b>
Perfluorodecanoic acid (PFDA)	<b>1.00 J</b>	0.940 U	<b>1.60 J</b>	0.970 U	1.00 U
Perfluorododecanoic acid (PFDoA)	<b>1.20 J</b>	1.40 U	<b>0.980 J</b>	1.50 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	<b>1.40 J</b>	<b>1.90</b>	1.50 U	1.50 U	<b>40.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>46.0</b>	<b>33.0</b>	<b>8.10</b>	0.970 U	<b>780</b>
Perfluorohexanoic acid (PFHxA)	<b>6.70</b>	<b>7.60</b>	<b>1.20 J</b>	0.970 U	<b>60.0</b>
Perfluorononanoic acid (PFNA)	<b>0.550 J</b>	1.40 U	<b>0.680 J</b>	1.50 U	<b>1.40 J</b>
Perfluorooctanesulfonic acid (PFOS)	<b>15.0</b>	<b>22.0</b>	<b>4.20</b>	2.90 U	<b>1100</b>
Perfluorooctanoic acid (PFOA)	<b>12.0</b>	<b>10.0</b>	<b>3.00</b>	1.50 U	<b>380</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	3.10 U	2.90 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	3.10 U	2.90 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	<b>1.50 J</b>	1.40 U	<b>1.30 J</b>	1.50 U	1.50 U



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	Locations: 5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02
Field Sample ID:	5702VP-19-02-102-106	5702VP-19-02-32-36	5702VP-19-02-42-46	5702VP-19-02-52-56	5702VP-19-02-62-66
Sample Begin Depth:	102.00	32.00	42.00	52.00	62.00
Sample End Depth:	106.00	36.00	46.00	56.00	66.00
Sample Date:	02/04/2019	01/29/2019	01/29/2019	01/30/2019	01/30/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	26.0 U	20.0 U	20.0 U	19.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	9.80 U	9.90 U	9.50 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	9.80 U	9.90 U	9.50 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	9.80 U	9.90 U	9.50 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	1.30 U	<b>1.70 J</b>	<b>1.90 J</b>	<b>1.60 J</b>	<b>1.10 J</b>
Perfluorodecanoic acid (PFDA)	1.30 U	0.980 U	0.990 U	0.950 U	<b>2.80</b>
Perfluorododecanoic acid (PFDoA)	2.00 U	1.50 U	1.50 U	1.40 U	<b>1.70 J</b>
Perfluoroheptanoic acid (PFHpA)	2.00 U	<b>1.60 J</b>	1.50 U	<b>0.840 J</b>	<b>1.40 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>0.910 J</b>	<b>5.60</b>	<b>12.0</b>	<b>11.0</b>	<b>13.0</b>
Perfluorohexanoic acid (PFHxA)	1.30 U	<b>1.80 J</b>	0.990 U	<b>5.80</b>	<b>3.50</b>
Perfluorononanoic acid (PFNA)	2.00 U	<b>0.620 J</b>	1.50 U	1.40 U	<b>2.60</b>
Perfluorooctanesulfonic acid (PFOS)	<b>2.90 J</b>	<b>2.70 J</b>	<b>1.40 J</b>	2.90 U	<b>7.90</b>
Perfluorooctanoic acid (PFOA)	2.00 U	<b>3.30</b>	1.50 U	<b>0.770 J</b>	<b>4.50</b>
Perfluorotetradecanoic acid (PFTA)	3.90 U	2.90 U	3.00 U	2.90 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	3.90 U	2.90 U	3.00 U	2.90 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	2.00 U	1.50 U	1.50 U	1.40 U	<b>2.00 J</b>

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	Locations: 5702VP-19-02	5702VP-19-02	5702VP-19-02	5702VP-19-02 (FD)	5702VP-19-03
Field Sample ID:	5702VP-19-02-72-76	5702VP-19-02-82-86	5702VP-19-02-92-96	A1-VP-DUP-R1-13019	5702VP-19-03-17-21
Sample Begin Depth:	72.00	82.00	92.00	82.00	17.00
Sample End Depth:	76.00	86.00	96.00	86.00	21.00
Sample Date:	01/30/2019	01/30/2019	02/04/2019	01/30/2019	03/20/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	21.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.70 U	10.0 U	9.80 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.70 U	10.0 U	9.80 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.70 U	10.0 U	9.80 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.40 J</b>	<b>1.70 J</b>	1.00 U	<b>1.70 J</b>	0.920 U
Perfluorodecanoic acid (PFDA)	0.900 U	0.970 U	1.00 U	0.980 U	<b>4.80</b>
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.60 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>1.30 J</b>	1.40 U	1.60 U	1.50 U	<b>2.40</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>17.0</b>	<b>4.60</b>	<b>0.520 J</b>	<b>4.50</b>	<b>0.520 J</b>
Perfluorohexanoic acid (PFHxA)	<b>4.10</b>	0.970 U	1.00 U	0.980 U	<b>2.90</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.60 U	1.50 U	<b>65.0</b>
Perfluorooctanesulfonic acid (PFOS)	<b>14.0</b>	<b>2.00 J</b>	<b>4.20</b>	2.90 U	<b>7.80</b>
Perfluorooctanoic acid (PFOA)	<b>5.90</b>	1.40 U	<b>0.660 J</b>	<b>0.540 J</b>	<b>2.50</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.90 U	3.10 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.90 U	3.10 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.60 U	1.50 U	1.40 U

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	Locations: 5702VP-19-03	5702VP-19-03	5702VP-19-03	5702VP-19-03	5702VP-19-03
Field Sample ID:	5702VP-19-03-27-31	5702VP-19-03-37-41	5702VP-19-03-47-51	5702VP-19-03-57-61	5702VP-19-03-67-71
Sample Begin Depth:	27.00	37.00	47.00	57.00	67.00
Sample End Depth:	31.00	41.00	51.00	61.00	71.00
Sample Date:	03/20/2019	03/20/2019	03/20/2019	03/22/2019	03/22/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	19.0 U	18.0 U	17.0 U	17.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.30 U	9.10 U	8.60 U	8.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.30 U	9.10 U	8.60 U	8.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.30 U	9.10 U	8.60 U	8.60 U
Perfluorobutanesulfonic acid (PFBS)	0.910 U	<b>0.900 J</b>	<b>0.740 J</b>	<b>0.600 J</b>	0.860 U
Perfluorodecanoic acid (PFDA)	<b>3.30</b>	0.930 U	0.910 U	0.860 U	0.860 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.30 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	<b>4.60</b>	<b>3.10</b>	<b>1.70 J</b>	<b>2.30</b>	1.30 U
Perfluorohexanesulfonic acid (PFHxS)	<b>0.870 J</b>	<b>3.00</b>	<b>13.0</b>	<b>9.90</b>	<b>1.50 J</b>
Perfluorohexanoic acid (PFHxA)	<b>5.80</b>	<b>3.80</b>	<b>4.40</b>	<b>4.30</b>	0.860 U
Perfluorononanoic acid (PFNA)	<b>2.20</b>	1.40 U	1.40 U	1.30 U	1.30 U
Perfluorooctanesulfonic acid (PFOS)	<b>8.30</b>	2.80 U	<b>3.60 J</b>	<b>5.90</b>	2.60 U
Perfluorooctanoic acid (PFOA)	<b>4.80</b>	<b>4.90</b>	<b>5.60</b>	<b>7.80</b>	1.30 U
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.80 U	2.70 U	2.60 U	2.60 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.80 U	2.70 U	2.60 U	2.60 U
Perfluoroundecanoic acid (PFUnA)	<b>2.80</b>	1.40 U	1.40 U	1.30 U	1.30 U

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	Locations: 5702VP-19-03	5702VP-19-03	5702VP-19-03	5702VP-19-03 (FD)	5702VP-19-04
Field Sample ID:	5702VP-19-03-77-81	5702VP-19-03-87-91	5702VP-19-03-97-101	A1-VP-DUP-R2-032219	5702VP-19-04-102-106
Sample Begin Depth:	77.00	87.00	97.00	67.00	102.00
Sample End Depth:	81.00	91.00	101.00	71.00	106.00
Sample Date:	03/22/2019	03/22/2019	03/25/2019	03/22/2019	03/19/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	26.0 U	42.0 U	17.0 U	25.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.20 U	13.0 U	21.0 U	8.40 U	13.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.20 U	13.0 U	21.0 U	8.40 U	13.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.20 U	13.0 U	21.0 U	8.40 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>0.590 J</b>	1.30 U	2.10 U	0.840 U	<b>0.750 J</b>
Perfluorodecanoic acid (PFDA)	0.920 U	1.30 U	2.10 U	0.840 U	1.30 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.90 U	3.10 U	1.30 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.90 U	3.10 U	1.30 U	1.90 U
Perfluorohexanesulfonic acid (PFHxS)	<b>2.10</b>	<b>0.820 J</b>	<b>1.10 J</b>	<b>1.30 J</b>	<b>1.70 J</b>
Perfluorohexanoic acid (PFHxA)	<b>1.30 J</b>	1.30 U	2.10 U	0.840 U	<b>1.60 J</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.90 U	3.10 U	1.30 U	1.90 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	3.90 U	6.30 U	2.50 U	3.80 U
Perfluorooctanoic acid (PFOA)	1.40 U	1.90 U	3.10 U	1.30 U	1.90 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.90 U	6.30 U	2.50 U	3.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.90 U	6.30 U	2.50 U	3.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.90 U	3.10 U	1.30 U	1.90 U

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	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04
<b>Locations:</b>	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04
<b>Field Sample ID:</b>	5702VP-19-04-22-26	5702VP-19-04-32-36	5702VP-19-04-42-46	5702VP-19-04-52-56	5702VP-19-04-62-66
<b>Sample Begin Depth:</b>	22.00	32.00	42.00	52.00	62.00
<b>Sample End Depth:</b>	26.00	36.00	46.00	56.00	66.00
<b>Sample Date:</b>	03/18/2019	03/18/2019	03/18/2019	03/18/2019	03/18/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.10 U	9.10 U	9.80 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.10 U	9.10 U	9.80 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.10 U	9.10 U	9.80 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.70</b>	<b>2.00</b>	<b>0.990 J</b>	<b>1.10 J</b>	<b>0.690 J</b>
Perfluorodecanoic acid (PFDA)	0.900 U	<b>0.450 J</b>	0.910 U	0.980 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>2.50</b>	<b>1.60 J</b>	<b>1.00 J</b>	<b>1.40 J</b>	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	<b>1.60 J</b>	<b>4.40</b>	<b>17.0</b>	<b>19.0</b>	<b>9.80</b>
Perfluorohexanoic acid (PFHxA)	<b>4.80</b>	<b>2.50</b>	<b>3.30</b>	<b>4.10</b>	<b>1.60 J</b>
Perfluorononanoic acid (PFNA)	<b>0.550 J</b>	<b>0.590 J</b>	1.40 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>7.70</b>	<b>4.90</b>	<b>7.20</b>	<b>22.0</b>	<b>16.0</b>
Perfluorooctanoic acid (PFOA)	<b>4.00</b>	<b>4.00</b>	<b>6.70</b>	<b>6.80</b>	<b>2.50</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	2.90 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U	2.90 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.50 U	1.40 U

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	Locations: 5702VP-19-04	5702VP-19-04	5702VP-19-04	5702VP-19-04 (FD)	5702VP-19-05
Field Sample ID:	5702VP-19-04-72-76	5702VP-19-04-82-86	5702VP-19-04-92-96	A1-VP-DUP-R1-31819	5702VP-19-05-22-26
Sample Begin Depth:	72.00	82.00	92.00	22.00	22.00
Sample End Depth:	76.00	86.00	96.00	26.00	26.00
Sample Date:	03/19/2019	03/19/2019	03/19/2019	03/18/2019	03/18/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	26.0 U	20.0 U	21.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	10.0 U	11.0 U	9.10 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	10.0 U	11.0 U	9.10 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	10.0 U	11.0 U	9.10 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	1.30 U	1.00 U	<b>0.630 J</b>	<b>2.60</b>	<b>2.60</b>
Perfluorodecanoic acid (PFDA)	1.30 U	1.00 U	1.10 U	0.910 U	<b>0.740 J</b>
Perfluorododecanoic acid (PFDoA)	1.90 U	1.50 U	1.60 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.90 U	1.50 U	1.60 U	<b>2.50</b>	<b>1.80</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>0.780 J</b>	<b>0.660 J</b>	<b>2.50</b>	<b>1.70 J</b>	<b>4.40</b>
Perfluorohexanoic acid (PFHxA)	1.30 U	1.00 U	<b>1.60 J</b>	<b>4.80</b>	<b>5.40</b>
Perfluorononanoic acid (PFNA)	1.90 U	1.50 U	1.60 U	<b>0.520 J</b>	<b>2.30</b>
Perfluorooctanesulfonic acid (PFOS)	3.90 U	3.00 U	3.20 U	<b>7.60</b>	<b>20.0</b>
Perfluorooctanoic acid (PFOA)	1.90 U	1.50 U	<b>0.770 J</b>	<b>3.80</b>	<b>2.70</b>
Perfluorotetradecanoic acid (PFTA)	3.90 U	3.00 U	3.20 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.90 U	3.00 U	3.20 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.90 U	1.50 U	1.60 U	1.40 U	1.40 U

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	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05
<b>Locations:</b>	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05	5702VP-19-05
<b>Field Sample ID:</b>	5702VP-19-05-32-36	5702VP-19-05-42-46	5702VP-19-05-52-56	5702VP-19-05-62-66	5702VP-19-05-72-76
<b>Sample Begin Depth:</b>	32.00	42.00	52.00	62.00	72.00
<b>Sample End Depth:</b>	36.00	46.00	56.00	66.00	76.00
<b>Sample Date:</b>	03/18/2019	03/18/2019	03/18/2019	03/19/2019	03/19/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	24.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.00 U	12.0 U	9.30 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.00 U	12.0 U	9.30 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.00 U	12.0 U	9.30 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	<b>0.930 J</b>	<b>0.780 J</b>	<b>0.800 J</b>	<b>1.10 J</b>	<b>1.20 J</b>
Perfluorodecanoic acid (PFDA)	0.930 U	<b>0.600 J</b>	1.20 U	0.930 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.80 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>1.50 J</b>	<b>0.630 J</b>	<b>2.00 J</b>	<b>2.00</b>	<b>1.30 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>7.00</b>	<b>9.70</b>	<b>11.0</b>	<b>20.0</b>	<b>17.0</b>
Perfluorohexanoic acid (PFHxA)	<b>2.20</b>	<b>2.40</b>	<b>4.20</b>	<b>5.20</b>	<b>4.60</b>
Perfluorononanoic acid (PFNA)	1.40 U	<b>0.510 J</b>	1.80 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>2.00 J</b>	2.70 U	<b>4.50 J</b>	<b>42.0</b>	<b>8.30</b>
Perfluorooctanoic acid (PFOA)	<b>3.10</b>	<b>1.30 J</b>	<b>5.00</b>	<b>7.20</b>	<b>5.90</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.70 U	3.60 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.70 U	3.60 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.80 U	1.40 U	1.40 U

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	Locations: 5702VP-19-05	5702VP-19-05	5702VP-19-05 (FD)	5702VP-19-06	5702VP-19-06
Field Sample ID:	5702VP-19-05-82-86	5702VP-19-05-92-96	A1-VP-DUP-R2-031819	5702VP-19-06-102-106	5702VP-19-06-22-26
Sample Begin Depth:	82.00	92.00	32.00	102.00	22.00
Sample End Depth:	86.00	96.00	36.00	106.00	26.00
Sample Date:	03/19/2019	03/19/2019	03/18/2019	03/26/2019	03/22/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	18.0 U	27.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U	9.00 U	9.00 U	13.0 U	8.90 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U	9.00 U	9.00 U	13.0 U	8.90 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U	9.00 U	9.00 U	13.0 U	8.90 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.40 J</b>	0.900 U	<b>0.880 J</b>	<b>0.680 J</b>	<b>11.0</b>
Perfluorodecanoic acid (PFDA)	0.910 U	0.900 U	0.900 U	<b>1.30 J</b>	<b>3.50</b>
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	2.00 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	<b>1.40 J</b>	<b>10.0</b>	<b>800</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>9.50</b>	<b>0.650 J</b>	<b>7.00</b>	<b>6.80</b>	<b>91.0</b>
Perfluorohexanoic acid (PFHxA)	<b>0.710 J</b>	0.900 U	<b>2.20</b>	<b>12.0</b>	<b>450</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	<b>1.10 J</b>	<b>3.00</b>
Perfluorooctanesulfonic acid (PFOS)	2.70 U	2.70 U	<b>1.70 J</b>	<b>2.60 J</b>	<b>13.0</b>
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	<b>3.20</b>	<b>9.10</b>	<b>130</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.70 U	4.00 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.70 U	4.00 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	2.00 U	1.30 U



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	5702VP-19-06	5702VP-19-06	5702VP-19-06	5702VP-19-06	5702VP-19-06
<b>Locations:</b>	5702VP-19-06	5702VP-19-06	5702VP-19-06	5702VP-19-06	5702VP-19-06
<b>Field Sample ID:</b>	5702VP-19-06-32-36	5702VP-19-06-42-46	5702VP-19-06-52-56	5702VP-19-06-62-66	5702VP-19-06-72-76
<b>Sample Begin Depth:</b>	32.00	42.00	52.00	62.00	72.00
<b>Sample End Depth:</b>	36.00	46.00	56.00	66.00	76.00
<b>Sample Date:</b>	03/22/2019	03/22/2019	03/25/2019	03/25/2019	03/25/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	20.0 U	21.0 U	25.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.00 U	9.00 U	9.80 U	11.0 U	13.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.00 U	9.00 U	9.80 U	11.0 U	13.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.00 U	9.00 U	9.80 U	11.0 U	13.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>7.40</b>	<b>2.10</b>	<b>1.00 J</b>	<b>1.80 J</b>	1.30 U
Perfluorodecanoic acid (PFDA)	<b>8.90</b>	<b>18.0</b>	<b>2.70</b>	<b>2.00 J</b>	1.30 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.40 U	<b>0.640 J</b>	1.60 U	1.90 U
Perfluoroheptanoic acid (PFHpA)	<b>260</b>	<b>78.0</b>	<b>18.0</b>	<b>24.0</b>	<b>1.70 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>22.0</b>	<b>7.70</b>	<b>13.0</b>	<b>15.0</b>	<b>0.610 J</b>
Perfluorohexanoic acid (PFHxA)	<b>220</b>	<b>55.0</b>	<b>17.0</b>	<b>20.0</b>	<b>1.60 J</b>
Perfluorononanoic acid (PFNA)	<b>5.70</b>	<b>6.00</b>	<b>6.40</b>	<b>1.00 J</b>	1.90 U
Perfluorooctanesulfonic acid (PFOS)	<b>20.0</b>	<b>23.0</b>	<b>13.0</b>	<b>6.80</b>	3.80 U
Perfluorooctanoic acid (PFOA)	<b>75.0</b>	<b>33.0</b>	<b>17.0</b>	<b>11.0</b>	<b>1.80 J</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.90 U	3.20 U	3.80 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.90 U	3.20 U	3.80 U
Perfluoroundecanoic acid (PFUnA)	<b>1.10 J</b>	1.40 U	1.50 U	1.60 U	1.90 U

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	Locations: 5702VP-19-06	5702VP-19-06	5702VP-19-06 (FD)	5702VP-19-07	5702VP-19-07
Field Sample ID:	5702VP-19-06-82-86	5702VP-19-06-92-96	A1-VP-DUP-R1-32519	5702VP-19-07-22-26	5702VP-19-07-32-36
Sample Begin Depth:	82.00	92.00	62.00	22.00	32.00
Sample End Depth:	86.00	96.00	66.00	26.00	36.00
Sample Date:	03/25/2019	03/25/2019	03/25/2019	05/02/2019	05/02/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	20.0 U	21.0 U	19.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.90 U	10.0 U	9.30 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.90 U	10.0 U	9.30 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.90 U	10.0 U	9.30 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	0.950 U	0.990 U	<b>1.90 J</b>	<b>17.0</b>	<b>13.0</b>
Perfluorodecanoic acid (PFDA)	0.950 U	<b>1.10 J</b>	<b>2.20</b>	0.930 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	<b>0.670 J</b>	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	<b>13.0</b>	<b>21.0</b>	<b>930</b>	<b>1300</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>0.450 J</b>	<b>1.80 J</b>	<b>15.0</b>	<b>41.0</b>	<b>73.0</b>
Perfluorohexanoic acid (PFHxA)	0.950 U	<b>11.0</b>	<b>18.0</b>	<b>1100</b>	<b>820</b>
Perfluorononanoic acid (PFNA)	1.40 U	<b>1.70 J</b>	<b>1.10 J</b>	1.40 U	<b>1.10 J</b>
Perfluorooctanesulfonic acid (PFOS)	2.80 U	<b>4.80</b>	<b>7.10</b>	<b>8.70</b>	<b>7.60</b>
Perfluorooctanoic acid (PFOA)	1.40 U	<b>7.10</b>	<b>10.0</b>	<b>43.0</b>	<b>250</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.00 U	3.10 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.00 U	3.10 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	<b>0.900 J</b>	1.40 U	1.40 U

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	Locations: 5702VP-19-07	5702VP-19-07	5702VP-19-07	5702VP-19-07	5702VP-19-08
Field Sample ID:	5702VP-19-07-42-46	5702VP-19-07-52-56	5702VP-19-07-62-66	5702VP-19-07-72-76	5702VP-19-08-102-106
Sample Begin Depth:	42.00	52.00	62.00	72.00	102.00
Sample End Depth:	46.00	56.00	66.00	76.00	106.00
Sample Date:	05/03/2019	05/03/2019	05/03/2019	05/03/2019	06/12/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	18.0 U	18.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.20 U	9.20 U	9.20 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.20 U	9.20 U	9.20 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.20 U	9.20 U	9.20 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>6.70</b>	<b>7.40</b>	<b>1.60 J</b>	<b>1.90</b>	<b>0.930 J</b>
Perfluorodecanoic acid (PFDA)	0.930 U	0.920 U	0.920 U	<b>0.910 J</b>	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	<b>2.70</b>	1.60 U
Perfluoroheptanoic acid (PFHpA)	<b>150</b>	<b>110</b>	<b>32.0</b>	<b>25.0</b>	1.60 U
Perfluorohexanesulfonic acid (PFHxS)	<b>74.0</b>	<b>18.0</b>	<b>9.40</b>	<b>39.0</b>	<b>8.20</b>
Perfluorohexanoic acid (PFHxA)	<b>210</b>	<b>260</b>	<b>52.0</b>	<b>40.0</b>	<b>1.40 J</b>
Perfluorononanoic acid (PFNA)	<b>0.810 J</b>	<b>2.10</b>	<b>12.0</b>	<b>6.90</b>	1.60 U
Perfluorooctanesulfonic acid (PFOS)	<b>8.50</b>	<b>6.70</b>	<b>32.0</b>	<b>16.0</b>	<b>1.20 J</b>
Perfluorooctanoic acid (PFOA)	<b>39.0</b>	<b>47.0</b>	<b>42.0</b>	<b>43.0</b>	<b>1.80 J</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.80 U	<b>2.80 J</b>	3.20 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.80 U	<b>4.80</b>	3.20 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.60 U

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	Locations: 5702VP-19-08	5702VP-19-08	5702VP-19-08	5702VP-19-08	5702VP-19-08
Field Sample ID:	5702VP-19-08-22-26	5702VP-19-08-32-36	5702VP-19-08-42-46	5702VP-19-08-52-56	5702VP-19-08-62-66
Sample Begin Depth:	22.00	32.00	42.00	52.00	62.00
Sample End Depth:	26.00	36.00	46.00	56.00	66.00
Sample Date:	06/10/2019	06/10/2019	06/10/2019	06/10/2019	06/10/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	20.0 U	18.0 U	23.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	10.0 U	9.20 U	12.0 U	9.20 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	10.0 U	9.20 U	12.0 U	9.20 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	10.0 U	9.20 U	12.0 U	9.20 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.20 J</b>	<b>1.80</b>	<b>0.740 J</b>	<b>0.590 J</b>	0.910 U
Perfluorodecanoic acid (PFDA)	<b>0.590 J</b>	0.920 U	1.20 U	0.920 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.70 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>1.60 J</b>	<b>1.80</b>	1.70 U	1.40 U	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	<b>25.0</b>	<b>21.0</b>	<b>3.30</b>	<b>5.10</b>	<b>2.80</b>
Perfluorohexanoic acid (PFHxA)	<b>2.60</b>	<b>6.10</b>	<b>2.10 J</b>	0.920 U	0.910 U
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	1.70 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>11.0</b>	<b>1.30 J</b>	3.50 U	2.80 U	2.70 U
Perfluorooctanoic acid (PFOA)	<b>4.60</b>	<b>2.70</b>	<b>0.630 J</b>	1.40 U	1.40 U
Perfluorotetradecanoic acid (PFTA)	3.00 U	2.80 U	3.50 U	2.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.00 U	2.80 U	3.50 U	2.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.70 U	1.40 U	1.40 U

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	Locations: 5702VP-19-08	5702VP-19-08	5702VP-19-08	5702VP-19-08 (FD)	5702VP-19-08 (FD)
Field Sample ID:	5702VP-19-08-72-76	5702VP-19-08-82-86	5702VP-19-08-92-96	A1-VP-DUP-R1-61019	A1-VP-DUP-R1-61119
Sample Begin Depth:	72.00	82.00	92.00	32.00	82.00
Sample End Depth:	76.00	86.00	96.00	36.00	86.00
Sample Date:	06/11/2019	06/11/2019	06/11/2019	06/10/2019	06/11/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.40 U	9.60 U	9.50 U	9.30 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.40 U	9.60 U	9.50 U	9.30 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.40 U	9.60 U	9.50 U	9.30 U
Perfluorobutanesulfonic acid (PFBS)	0.970 U	0.940 U	0.960 U	<b>1.90</b>	0.930 U
Perfluorodecanoic acid (PFDA)	0.970 U	0.940 U	0.960 U	0.950 U	0.930 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.40 U	1.40 U	<b>1.70 J</b>	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	1.90 U	0.940 U	1.90 U	<b>21.0</b>	0.930 U
Perfluorohexanoic acid (PFHxA)	0.970 U	0.940 U	0.960 U	<b>6.30</b>	0.930 U
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.80 U	2.90 U	<b>1.30 J</b>	2.80 U
Perfluorooctanoic acid (PFOA)	1.50 U	1.40 U	1.40 U	<b>2.60</b>	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.90 U	2.80 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-19-09	5702VP-19-09	5702VP-19-09	5702VP-19-09	5702VP-19-09
Field Sample ID:	5702VP-19-09-27-31	5702VP-19-09-37-41	5702VP-19-09-47-51	5702VP-19-09-57-61	5702VP-19-09-67-71
Sample Begin Depth:	27.00	37.00	47.00	57.00	67.00
Sample End Depth:	31.00	41.00	51.00	61.00	71.00
Sample Date:	06/21/2019	06/21/2019	06/24/2019	06/24/2019	06/24/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	18.0 U	18.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.50 U	9.20 U	9.10 U	9.00 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.50 U	9.20 U	9.10 U	9.00 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.50 U	9.20 U	9.10 U	9.00 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	<b>11.0</b>	<b>4.80</b>	<b>2.00</b>	<b>1.40 J</b>	<b>1.10 J</b>
Perfluorodecanoic acid (PFDA)	<b>2.40</b>	<b>8.20</b>	<b>32.0</b>	<b>1.00 J</b>	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>1200</b>	<b>43.0</b>	<b>86.0</b>	<b>22.0</b>	<b>0.920 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>13.0</b>	<b>53.0</b>	<b>6.80</b>	<b>13.0</b>	<b>11.0</b>
Perfluorohexanoic acid (PFHxA)	<b>790</b>	<b>140</b>	<b>74.0</b>	<b>30.0</b>	<b>2.40</b>
Perfluorononanoic acid (PFNA)	<b>3.20</b>	<b>4.80</b>	<b>15.0</b>	<b>3.00</b>	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>5.10</b>	<b>18.0</b>	<b>53.0</b>	<b>15.0</b>	<b>2.20 J</b>
Perfluorooctanoic acid (PFOA)	<b>640</b>	<b>54.0</b>	<b>72.0</b>	<b>21.0</b>	<b>3.40</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 U	2.70 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.40 U

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	Locations: 5702VP-19-09	5702VP-19-09	5702VP-19-09	5702VP-19-09 (FD)	5703VP-18-01
Field Sample ID:	5702VP-19-09-77-81	5702VP-19-09-87-91	5702VP-19-09-97-101	A1-VP-DUP-R2-062519	5703VP-18-01-12-16
Sample Begin Depth:	77.00	87.00	97.00	97.00	12.00
Sample End Depth:	81.00	91.00	101.00	101.00	16.00
Sample Date:	06/24/2019	06/25/2019	06/25/2019	06/25/2019	11/09/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	21.0 U	18.0 U	20.0 U	21.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	11.0 U	9.10 U	10.0 U	10.0 U	9.70 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	11.0 U	9.10 U	10.0 U	10.0 U	9.70 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	11.0 U	9.10 U	10.0 U	10.0 U	9.70 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.40 J</b>	<b>1.00 J</b>	<b>0.560 J</b>	<b>0.560 J</b>	<b>24.0</b>
Perfluorodecanoic acid (PFDA)	1.10 U	0.910 U	1.00 U	1.00 U	0.970 U
Perfluorododecanoic acid (PFDoA)	1.60 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.60 U	1.40 U	1.50 U	1.50 U	<b>160</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>14.0</b>	<b>10.0</b>	<b>2.90</b>	<b>2.90</b>	<b>19.0</b>
Perfluorohexanoic acid (PFHxA)	<b>0.550 J</b>	<b>1.20 J</b>	1.00 U	1.00 U	<b>84.0</b>
Perfluorononanoic acid (PFNA)	1.60 U	1.40 U	1.50 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>2.20 J</b>	2.70 U	3.00 U	3.10 U	2.90 U
Perfluorooctanoic acid (PFOA)	<b>1.10 J</b>	<b>0.610 J</b>	1.50 U	1.50 U	<b>26.0</b>
Perfluorotetradecanoic acid (PFTA)	3.20 U	2.70 U	3.00 U	3.10 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	3.20 U	2.70 U	3.00 U	3.10 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.60 U	1.40 U	1.50 U	1.50 U	1.40 U

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	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01
<b>Locations:</b>	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01
<b>Field Sample ID:</b>	5703VP-18-01-22-26	5703VP-18-01-32-36	5703VP-18-01-42-46	5703VP-18-01-52-56	5703VP-18-01-62-66
<b>Sample Begin Depth:</b>	22.00	32.00	42.00	52.00	62.00
<b>Sample End Depth:</b>	26.00	36.00	46.00	56.00	66.00
<b>Sample Date:</b>	11/09/2018	11/09/2018	11/09/2018	11/09/2018	11/09/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	19.0 U	20.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.50 U	9.30 U	9.50 U	9.80 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.50 U	9.30 U	9.50 U	9.80 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.50 U	9.30 U	9.50 U	9.80 U
Perfluorobutanesulfonic acid (PFBS)	<b>13.0</b>	<b>4.00</b>	<b>9.70</b>	<b>12.0</b>	<b>14.0</b>
Perfluorodecanoic acid (PFDA)	0.940 U	0.950 U	0.930 U	0.950 U	0.980 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U
Perfluoroheptanoic acid (PFHpA)	<b>31.0</b>	<b>17.0</b>	<b>12.0</b>	<b>12.0</b>	<b>11.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>12.0</b>	<b>9.40</b>	<b>170</b>	<b>120</b>	<b>99.0</b>
Perfluorohexanoic acid (PFHxA)	<b>59.0</b>	<b>26.0</b>	<b>47.0</b>	<b>50.0</b>	<b>44.0</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	<b>1.10 J</b>	<b>0.990 J</b>	<b>2.10</b>
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.90 U	<b>15.0</b>	<b>8.40</b>	<b>9.10</b>
Perfluorooctanoic acid (PFOA)	<b>28.0</b>	<b>6.20</b>	<b>57.0</b>	<b>42.0</b>	<b>35.0</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.80 U	2.80 U	3.00 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.80 U	2.80 U	3.00 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.40 U	1.50 U



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	Locations: 5703VP-18-01	5703VP-18-01	5703VP-18-01	5703VP-18-01 (FD)	5703VP-18-02
Field Sample ID:	5703VP-18-01-72-76	5703VP-18-01-82-86	5703VP-18-01-86-90	A1-VP-DUP-R1-110918	5703VP-18-02-12-16
Sample Begin Depth:	72.00	82.00	86.00	32.00	12.00
Sample End Depth:	76.00	86.00	90.00	36.00	16.00
Sample Date:	11/09/2018	11/12/2018	11/12/2018	11/09/2018	10/22/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	19.0 U	19.2 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.40 U	10.0 U	9.40 U	9.59 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.40 U	10.0 U	9.40 U	9.59 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.40 U	10.0 U	9.40 U	9.59 U
Perfluorobutanesulfonic acid (PFBS)	0.940 U	0.940 U	1.00 U	<b>4.70</b>	<b>20.4</b>
Perfluorodecanoic acid (PFDA)	0.940 U	0.940 U	1.00 U	0.940 U	0.959 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 U	1.40 U	1.44 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	<b>0.880 J</b>	1.50 U	<b>16.0</b>	<b>169</b>
Perfluorohexanesulfonic acid (PFHxS)	1.90 U	<b>0.500 J</b>	1.00 U	<b>9.30</b>	<b>21.0</b>
Perfluorohexanoic acid (PFHxA)	0.940 U	<b>1.00 J</b>	1.00 U	<b>27.0</b>	<b>94.4</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	1.40 U	<b>11.1</b>
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.80 U	3.00 U	2.80 U	<b>3.73 J</b>
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	1.50 U	<b>6.60</b>	<b>857</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	3.00 U	2.80 U	2.88 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	3.00 U	2.80 U	2.88 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	1.40 U	1.44 U

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	Locations: 5703VP-18-02	5703VP-18-02	5703VP-18-02	5703VP-18-02	5703VP-18-02
Field Sample ID:	5703VP-18-02-22-26	5703VP-18-02-32-36	5703VP-18-02-42-46	5703VP-18-02-52-56	5703VP-18-02-62-66
Sample Begin Depth:	22.00	32.00	42.00	52.00	62.00
Sample End Depth:	26.00	36.00	46.00	56.00	66.00
Sample Date:	10/22/2018	10/22/2018	10/22/2018	10/23/2018	10/23/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.5 U	19.1 U	24.8 U	31.3 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.48 U	9.74 U	9.55 U	12.4 U	15.7 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.48 U	9.74 U	9.55 U	12.4 U	15.7 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.48 U	9.74 U	9.55 U	12.4 U	15.7 U
Perfluorobutanesulfonic acid (PFBS)	<b>36.1</b>	<b>2.53</b>	<b>2.89</b>	<b>4.89</b>	1.57 U
Perfluorodecanoic acid (PFDA)	0.948 U	0.974 U	0.955 U	<b>0.827 J</b>	1.57 U
Perfluorododecanoic acid (PFDoA)	1.42 U	1.46 U	1.43 U	1.86 U	2.35 U
Perfluoroheptanoic acid (PFHpA)	<b>180</b>	<b>7.82</b>	<b>6.81</b>	<b>1.64 J</b>	<b>0.957 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>13.0</b>	<b>12.6</b>	<b>15.0</b>	<b>13.4</b>	3.13 U
Perfluorohexanoic acid (PFHxA)	<b>204</b>	<b>15.4</b>	<b>15.6</b>	<b>9.79</b>	<b>1.40 J</b>
Perfluorononanoic acid (PFNA)	<b>4.89</b>	<b>0.920 J</b>	1.43 U	1.86 U	2.35 U
Perfluorooctanesulfonic acid (PFOS)	<b>1.25 J</b>	<b>1.41 J</b>	<b>2.50 J</b>	<b>1.41 J</b>	4.70 U
Perfluorooctanoic acid (PFOA)	<b>987</b>	<b>11.6</b>	<b>8.41</b>	<b>7.30</b>	<b>8.94</b>
Perfluorotetradecanoic acid (PFTA)	2.84 U	2.92 U	2.86 U	3.72 U	4.70 U
Perfluorotridecanoic acid (PFTrDA)	2.84 U	2.92 U	2.86 U	3.72 U	4.70 U
Perfluoroundecanoic acid (PFUnA)	1.42 U	1.46 U	1.43 U	1.86 U	2.35 U

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	Locations: 5703VP-18-02	5703VP-18-02 (FD)	5703VP-18-03	5703VP-18-03	5703VP-18-03
Field Sample ID:	5703VP-18-02-72-76	A1-VP-DUP-R1-102218	5703VP-18-03-22-26	5703VP-18-03-32-36	5703VP-18-03-42-46
Sample Begin Depth:	72.00	22.00	22.00	32.00	42.00
Sample End Depth:	76.00	26.00	26.00	36.00	46.00
Sample Date:	10/23/2018	10/22/2018	10/19/2018	10/19/2018	10/19/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	64.4 U	19.1 U	19.8 U	20.1 U	19.8 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	32.2 U	9.57 U	9.92 U	10.1 U	9.91 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	32.2 U	9.57 U	9.92 U	10.1 U	9.91 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	32.2 U	9.57 U	9.92 U	10.1 U	9.91 U
Perfluorobutanesulfonic acid (PFBS)	<b>1.53 J</b>	<b>35.3</b>	<b>16.9</b>	<b>23.3</b>	<b>13.5</b>
Perfluorodecanoic acid (PFDA)	3.22 U	0.957 U	0.992 U	1.01 U	0.991 U
Perfluorododecanoic acid (PFDoA)	4.83 U	1.44 U	1.49 UJ	1.51 UJ	1.49 UJ
Perfluoroheptanoic acid (PFHpA)	4.83 U	<b>194</b>	<b>72.4</b>	<b>116</b>	<b>33.6</b>
Perfluorohexanesulfonic acid (PFHxS)	6.44 U	<b>12.3</b>	<b>17.9</b>	<b>27.8</b>	<b>15.1</b>
Perfluorohexanoic acid (PFHxA)	<b>2.72 J</b>	<b>199</b>	<b>122</b>	<b>171</b>	<b>88.2</b>
Perfluorononanoic acid (PFNA)	4.83 U	<b>3.38</b>	<b>2.47</b>	1.51 U	1.49 U
Perfluorooctanesulfonic acid (PFOS)	9.66 U	<b>1.26 J</b>	2.98 U	3.02 U	2.97 U
Perfluorooctanoic acid (PFOA)	<b>10.2</b>	<b>903</b>	<b>97.7</b>	<b>169</b>	<b>38.7</b>
Perfluorotetradecanoic acid (PFTA)	9.66 U	2.87 U	2.98 U	3.02 U	2.97 U
Perfluorotridecanoic acid (PFTrDA)	9.66 U	2.87 U	2.98 U	3.02 U	2.97 U
Perfluoroundecanoic acid (PFUnA)	4.83 U	1.44 U	1.49 U	1.51 U	1.49 U

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	Locations: 5703VP-18-03	5703VP-18-03	5703VP-18-03	5703VP-18-03	5703VP-18-04
Field Sample ID:	5703VP-18-03-52-56	5703VP-18-03-62-66	5703VP-18-03-72-76	5703VP-18-03-80-84	5703VP-18-04-12-16
Sample Begin Depth:	52.00	62.00	72.00	80.00	12.00
Sample End Depth:	56.00	66.00	76.00	84.00	16.00
Sample Date:	10/19/2018	10/19/2018	10/19/2018	10/19/2018	11/07/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.5 U	19.4 U	33.0 U	19.7 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.77 U	9.68 U	16.5 U	9.87 U	9.60 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.77 U	9.68 U	16.5 U	9.87 U	9.60 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.77 U	9.68 U	16.5 U	9.87 U	9.60 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.24 J</b>	<b>0.861 J</b>	<b>3.10 J</b>	0.987 U	<b>32.0</b>
Perfluorodecanoic acid (PFDA)	0.977 U	0.968 U	1.65 U	0.987 U	0.960 U
Perfluorododecanoic acid (PFDoA)	1.47 U	1.45 U	2.48 U	1.48 U	1.40 UJ
Perfluoroheptanoic acid (PFHpA)	<b>12.0 J</b>	<b>1.31 J</b>	<b>6.36 J</b>	<b>1.55 J</b>	<b>200</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>9.84 J</b>	<b>3.88 J</b>	<b>7.53 J</b>	0.987 U	<b>11.0</b>
Perfluorohexanoic acid (PFHxA)	<b>35.6 J</b>	<b>7.63 J</b>	<b>25.3 J</b>	<b>2.76 J</b>	<b>230</b>
Perfluorononanoic acid (PFNA)	1.47 U	1.45 U	2.48 U	<b>0.529 J</b>	<b>0.680 J</b>
Perfluorooctanesulfonic acid (PFOS)	2.93 U	2.90 U	4.95 U	2.96 U	2.90 U
Perfluorooctanoic acid (PFOA)	<b>13.2 J</b>	<b>1.82 J</b>	<b>9.79 J</b>	<b>2.85 J</b>	<b>1800</b>
Perfluorotetradecanoic acid (PFTA)	2.93 U	2.90 U	4.95 U	2.96 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.93 U	2.90 U	4.95 U	2.96 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.47 U	1.45 U	2.48 U	1.48 U	1.40 U

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	Locations: 5703VP-18-04	5703VP-18-04	5703VP-18-04	5703VP-18-04	5703VP-18-04
Field Sample ID:	5703VP-18-04-22-26	5703VP-18-04-32-36	5703VP-18-04-42-46	5703VP-18-04-52-56	5703VP-18-04-62-66
Sample Begin Depth:	22.00	32.00	42.00	52.00	62.00
Sample End Depth:	26.00	36.00	46.00	56.00	66.00
Sample Date:	11/07/2018	11/07/2018	11/07/2018	11/07/2018	11/07/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	190 U	19.0 U	19.0 U	21.0 U	23.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.50 U	9.40 U	10.0 U	11.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.50 U	9.40 U	10.0 U	11.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.50 U	9.40 U	10.0 U	11.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>88.0</b>	<b>7.50</b>	<b>2.50</b>	<b>11.0</b>	1.10 U
Perfluorodecanoic acid (PFDA)	0.960 U	0.950 U	0.940 U	1.00 U	1.10 U
Perfluorododecanoic acid (PFDoA)	1.40 UJ	1.40 UJ	1.40 U	1.50 U	1.70 U
Perfluoroheptanoic acid (PFHpA)	<b>160</b>	<b>9.30</b>	<b>7.00</b>	<b>4.60</b>	1.70 U
Perfluorohexanesulfonic acid (PFHxS)	<b>6.70</b>	<b>6.40</b>	<b>6.90</b>	<b>39.0</b>	2.30 U
Perfluorohexanoic acid (PFHxA)	<b>1300</b>	<b>22.0</b>	<b>18.0</b>	<b>31.0</b>	1.10 U
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.50 U	1.70 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.90 U	2.80 U	3.10 U	3.40 U
Perfluorooctanoic acid (PFOA)	<b>9.80</b>	<b>8.80</b>	<b>3.70</b>	<b>18.0</b>	1.70 U
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.80 U	3.10 U	3.40 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.80 U	3.10 U	3.40 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.50 U	1.70 U

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	Locations: 5703VP-18-04	5703VP-18-04	5703VP-18-04 (FD)	5703VP-18-05	5703VP-18-05
Field Sample ID:	5703VP-18-04-72-76	5703VP-18-04-78-82	A1-VP-DUP-R1-110718	5703VP-18-05-16-20	5703VP-18-05-26-30
Sample Begin Depth:	72.00	78.00	32.00	16.00	26.00
Sample End Depth:	76.00	82.00	36.00	20.00	30.00
Sample Date:	11/07/2018	11/08/2018	11/07/2018	11/27/2018	11/27/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	18.0 U	20.0 U	27.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.20 U	10.0 U	13.0 U	9.20 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.20 U	10.0 U	13.0 U	9.20 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.20 U	10.0 U	13.0 U	9.20 U
Perfluorobutanesulfonic acid (PFBS)	0.940 U	0.920 U	<b>8.30</b>	<b>5.30</b>	<b>14.0</b>
Perfluorodecanoic acid (PFDA)	0.940 U	0.920 U	1.00 U	1.30 U	0.920 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.50 UJ	2.00 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	<b>9.50</b>	<b>22.0</b>	<b>16.0</b>
Perfluorohexanesulfonic acid (PFHxS)	0.940 U	1.80 U	<b>6.50</b>	<b>14.0</b>	<b>240</b>
Perfluorohexanoic acid (PFHxA)	0.940 U	0.920 U	<b>20.0</b>	<b>30.0</b>	<b>77.0</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.50 U	2.00 U	<b>1.20 J</b>
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.80 U	3.00 U	4.00 U	<b>15.0</b>
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	<b>7.40</b>	<b>8.70</b>	<b>83.0</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	3.00 U	4.00 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	3.00 U	4.00 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.50 U	2.00 U	1.40 U

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	Locations: 5703VP-18-05	5703VP-18-05	5703VP-18-05	5703VP-18-05	5703VP-18-05
Field Sample ID:	5703VP-18-05-36-40	5703VP-18-05-46-50	5703VP-18-05-56-60	5703VP-18-05-6-10	5703VP-18-05-66-70
Sample Begin Depth:	36.00	46.00	56.00	6.00	66.00
Sample End Depth:	40.00	50.00	60.00	10.00	70.00
Sample Date:	11/27/2018	11/27/2018	11/28/2018	11/27/2018	11/28/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	25.0 U	20.0 U	28.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	12.0 U	10.0 U	14.0 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	12.0 U	10.0 U	14.0 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	12.0 U	10.0 U	14.0 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	<b>14.0</b>	<b>8.90</b>	<b>1.40 J</b>	<b>33.0</b>	0.950 U
Perfluorodecanoic acid (PFDA)	0.930 U	1.20 U	1.00 U	1.40 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.90 U	1.50 U	2.10 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>13.0</b>	<b>8.20</b>	<b>4.30</b>	<b>160</b>	1.40 U
Perfluorohexanesulfonic acid (PFHxS)	<b>140</b>	<b>70.0</b>	<b>3.60</b>	<b>9.50</b>	<b>0.370 J</b>
Perfluorohexanoic acid (PFHxA)	<b>58.0</b>	<b>41.0</b>	<b>10.0</b>	<b>310</b>	0.950 U
Perfluorononanoic acid (PFNA)	<b>0.810 J</b>	<b>0.890 J</b>	1.50 U	2.10 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	<b>11.0</b>	3.70 U	3.00 U	4.20 U	2.80 U
Perfluorooctanoic acid (PFOA)	<b>53.0</b>	<b>32.0</b>	<b>2.60</b>	<b>38.0</b>	1.40 U
Perfluorotetradecanoic acid (PFTA)	2.80 U	3.70 U	3.00 U	4.20 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	3.70 U	3.00 U	4.20 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.90 U	1.50 U	2.10 U	1.40 U

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	Locations: 5703VP-18-05	5703VP-18-05 (FD)	5703VP-18-06	5703VP-18-06	5703VP-18-06
Field Sample ID:	5703VP-18-05-73.5-77.5	A1-VP-DUP-R1-112818	5703VP-18-06-12-16	5703VP-18-06-22-26	5703VP-18-06-2-6
Sample Begin Depth:	73.50	56.00	12.00	22.00	2.00
Sample End Depth:	77.50	60.00	16.00	26.00	6.00
Sample Date:	11/28/2018	11/28/2018	11/26/2018	11/26/2018	11/26/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	29.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.70 U	9.30 U	15.0 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.70 U	9.30 U	15.0 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.70 U	9.30 U	15.0 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	0.960 U	<b>1.40 J</b>	<b>9.10</b>	<b>2.80 J</b>	<b>35.0</b>
Perfluorodecanoic acid (PFDA)	0.960 U	0.970 U	0.930 U	1.50 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.40 U	2.20 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	<b>5.10</b>	<b>25.0</b>	<b>17.0</b>	<b>220</b>
Perfluorohexanesulfonic acid (PFHxS)	0.960 U	<b>4.50</b>	<b>7.20</b>	<b>16.0</b>	<b>15.0</b>
Perfluorohexanoic acid (PFHxA)	<b>0.510 J</b>	<b>11.0</b>	<b>93.0</b>	<b>20.0</b>	<b>250</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U	1.40 U	2.20 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.90 U	2.80 U	<b>15.0</b>	2.80 U
Perfluorooctanoic acid (PFOA)	1.40 U	<b>2.90</b>	<b>12.0</b>	<b>17.0</b>	<b>430</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	2.80 U	4.40 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	2.80 U	4.40 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.40 U	2.20 U	1.40 U



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	Locations: 5703VP-18-06	5703VP-18-06	5703VP-18-06	5703VP-18-06	5703VP-18-06
<b>Field Sample ID:</b>	5703VP-18-06-32-36	5703VP-18-06-42-46	5703VP-18-06-52-56	5703VP-18-06-62-66	5703VP-18-06-68.5-72.5
<b>Sample Begin Depth:</b>	32.00	42.00	52.00	62.00	68.50
<b>Sample End Depth:</b>	36.00	46.00	56.00	66.00	72.50
<b>Sample Date:</b>	11/26/2018	11/26/2018	11/26/2018	11/26/2018	11/27/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	20.0 U	19.0 U	28.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.60 U	9.70 U	10.0 U	9.60 U	14.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.60 U	9.70 U	10.0 U	9.60 U	14.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.60 U	9.70 U	10.0 U	9.60 U	14.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.50</b>	<b>0.990 J</b>	1.00 U	0.960 U	<b>0.820 J</b>
Perfluorodecanoic acid (PFDA)	<b>0.460 J</b>	0.970 U	1.00 U	0.960 U	1.40 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.50 U	1.50 U	1.40 U	2.10 U
Perfluoroheptanoic acid (PFHpA)	<b>10.0</b>	1.50 U	1.50 U	1.40 U	<b>2.10 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>7.20</b>	<b>1.90</b>	1.00 U	0.960 U	<b>3.00</b>
Perfluorohexanoic acid (PFHxA)	<b>18.0</b>	<b>2.70</b>	1.00 U	0.960 U	<b>4.70</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.50 U	1.50 U	1.40 U	2.10 U
Perfluorooctanesulfonic acid (PFOS)	<b>1.60 J</b>	2.90 U	3.10 U	2.90 U	4.10 U
Perfluorooctanoic acid (PFOA)	<b>6.60</b>	<b>0.830 J</b>	1.50 U	1.40 U	<b>3.20</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.90 U	3.10 U	2.90 U	4.10 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.90 U	3.10 U	2.90 U	4.10 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.50 U	1.50 U	1.40 U	2.10 U

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	Locations: 5703VP-18-06 (FD)	5703VP-18-07	5703VP-18-07	5703VP-18-07	5703VP-18-07
Field Sample ID:	A1-VP-DUP-R1-112618	5703VP-18-07-12-16	5703VP-18-07-22-26	5703VP-18-07-2-6	5703VP-18-07-32-36
Sample Begin Depth:	2.00	12.00	22.00	2.00	32.00
Sample End Depth:	6.00	16.00	26.00	6.00	36.00
Sample Date:	11/26/2018	11/28/2018	11/28/2018	11/28/2018	11/28/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	26.0 U	23.0 U	18.0 U	21.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	13.0 U	12.0 U	9.00 U	10.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	13.0 U	12.0 U	9.00 U	10.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	13.0 U	12.0 U	9.00 U	10.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>35.0</b>	<b>27.0</b>	<b>1.60 J</b>	<b>9.70</b>	<b>1.30 J</b>
Perfluorodecanoic acid (PFDA)	0.970 U	1.30 U	1.20 U	0.900 U	1.00 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.90 U	1.70 U	1.40 U	1.60 U
Perfluoroheptanoic acid (PFHpA)	<b>220</b>	<b>49.0</b>	<b>6.80</b>	<b>120</b>	<b>1.40 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>15.0</b>	<b>13.0</b>	<b>5.10</b>	<b>6.60</b>	<b>9.40</b>
Perfluorohexanoic acid (PFHxA)	<b>240</b>	<b>370</b>	<b>16.0</b>	<b>160</b>	<b>3.90</b>
Perfluorononanoic acid (PFNA)	1.50 U	1.90 U	1.70 U	1.40 U	1.60 U
Perfluorooctanesulfonic acid (PFOS)	<b>2.10 J</b>	3.80 U	3.50 U	<b>5.40</b>	<b>1.20 J</b>
Perfluorooctanoic acid (PFOA)	<b>450</b>	<b>12.0</b>	<b>6.50</b>	<b>2.70</b>	<b>2.60</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	3.80 U	3.50 U	2.70 U	3.10 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	3.80 U	3.50 U	2.70 U	3.10 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.90 U	1.70 U	1.40 U	1.60 U

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	Locations: 5703VP-18-07	5703VP-18-07	5703VP-18-07	5703VP-18-07 (FD)	5703VP-18-08
Field Sample ID:	5703VP-18-07-42-46	5703VP-18-07-52-56	5703VP-18-07-60-64	A1-VP-DUP-R1-112918	5703VP-18-08-12-16
Sample Begin Depth:	42.00	52.00	60.00	60.00	12.00
Sample End Depth:	46.00	56.00	64.00	64.00	16.00
Sample Date:	11/28/2018	11/29/2018	11/29/2018	11/29/2018	11/08/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	20.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.70 U	9.40 U	9.60 U	9.80 U	9.40 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.70 U	9.40 U	9.60 U	9.80 U	9.40 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.70 U	9.40 U	9.60 U	9.80 U	9.40 U
Perfluorobutanesulfonic acid (PFBS)	0.970 U	0.940 U	0.960 U	0.980 U	<b>59.0</b>
Perfluorodecanoic acid (PFDA)	0.970 U	0.940 U	0.960 U	0.980 U	0.940 U
Perfluorododecanoic acid (PFDoA)	1.50 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.50 U	1.40 U	1.40 U	1.50 U	<b>180</b>
Perfluorohexanesulfonic acid (PFHxS)	0.970 U	0.940 U	0.960 U	0.980 U	<b>8.60</b>
Perfluorohexanoic acid (PFHxA)	<b>1.20 J</b>	0.940 U	0.960 U	0.980 U	<b>810</b>
Perfluorononanoic acid (PFNA)	1.50 U	1.40 U	1.40 U	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.90 U	2.80 U	2.90 U	2.90 U	<b>2.40 J</b>
Perfluorooctanoic acid (PFOA)	1.50 U	1.40 U	1.40 U	1.50 U	<b>26.0</b>
Perfluorotetradecanoic acid (PFTA)	2.90 U	2.80 U	2.90 U	2.90 U	2.80 U
Perfluorotridecanoic acid (PFTrDA)	2.90 U	2.80 U	2.90 U	2.90 U	2.80 U
Perfluoroundecanoic acid (PFUnA)	1.50 U	1.40 U	1.40 U	1.50 U	1.40 U

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	Locations: 5703VP-18-08	5703VP-18-08	5703VP-18-08	5703VP-18-08	5703VP-18-08
Field Sample ID:	5703VP-18-08-22-26	5703VP-18-08-32-36	5703VP-18-08-42-46	5703VP-18-08-52-56	5703VP-18-08-62-66
Sample Begin Depth:	22.00	32.00	42.00	52.00	62.00
Sample End Depth:	26.00	36.00	46.00	56.00	66.00
Sample Date:	11/08/2018	11/08/2018	11/08/2018	11/08/2018	11/08/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	19.0 U	22.0 U	19.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.30 U	9.50 U	9.60 U	11.0 U	9.50 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.30 U	9.50 U	9.60 U	11.0 U	9.50 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.30 U	9.50 U	9.60 U	11.0 U	9.50 U
Perfluorobutanesulfonic acid (PFBS)	<b>18.0</b>	<b>2.50</b>	<b>7.50</b>	1.10 U	<b>6.30</b>
Perfluorodecanoic acid (PFDA)	0.930 U	0.950 U	0.960 U	1.10 U	0.950 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.40 U	1.70 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>73.0</b>	<b>13.0</b>	<b>4.20</b>	1.70 U	<b>17.0</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>4.90</b>	<b>10.0</b>	<b>12.0</b>	1.10 U	<b>2.20</b>
Perfluorohexanoic acid (PFHxA)	<b>170</b>	<b>24.0</b>	<b>22.0</b>	<b>0.890 J</b>	<b>52.0</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	1.40 U	1.70 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.90 U	2.90 U	3.30 U	2.90 U
Perfluorooctanoic acid (PFOA)	<b>27.0</b>	<b>4.30</b>	<b>4.60</b>	1.70 U	<b>4.70</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.90 U	2.90 U	3.30 U	2.90 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.90 U	2.90 U	3.30 U	2.90 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.40 U	1.70 U	1.40 U

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	Locations: 5703VP-18-08	5703VP-18-08 (FD)	5703VP-18-09	5703VP-18-09	5703VP-18-09
Field Sample ID:	5703VP-18-08-69-73	A1-VP-DUP-R1-110818	5703VP-18-09-22-26	5703VP-18-09-32-36	5703VP-18-09-42-46
Sample Begin Depth:	69.00	69.00	22.00	32.00	42.00
Sample End Depth:	73.00	73.00	26.00	36.00	46.00
Sample Date:	11/08/2018	11/08/2018	12/19/2018	12/19/2018	12/19/2018
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	19.0 U	19.0 U	18.0 U	20.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.40 U	9.30 U	9.00 U	9.80 U	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.40 U	9.30 U	9.00 U	9.80 U	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.40 U	9.30 U	9.00 U	9.80 U	9.10 U
Perfluorobutanesulfonic acid (PFBS)	0.940 U	0.930 U	<b>0.500 J</b>	<b>2.20</b>	<b>2.60</b>
Perfluorodecanoic acid (PFDA)	0.940 U	0.930 U	<b>0.450 J</b>	0.980 U	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U	1.40 U	1.30 U	1.50 U	1.40 U
Perfluoroheptanoic acid (PFHpA)	1.40 U	1.40 U	<b>0.890 J</b>	<b>5.50</b>	<b>6.60</b>
Perfluorohexanesulfonic acid (PFHxS)	0.940 U	0.930 U	<b>0.670 J</b>	<b>7.50</b>	<b>9.70</b>
Perfluorohexanoic acid (PFHxA)	0.940 U	0.930 U	<b>0.880 J</b>	<b>13.0</b>	<b>18.0</b>
Perfluorononanoic acid (PFNA)	1.40 U	1.40 U	<b>6.30</b>	1.50 U	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.80 U	2.80 U	<b>1.90 J</b>	3.00 U	2.70 U
Perfluorooctanoic acid (PFOA)	1.40 U	1.40 U	<b>1.60 J</b>	<b>5.40</b>	<b>4.10</b>
Perfluorotetradecanoic acid (PFTA)	2.80 U	2.80 U	2.70 U	3.00 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.80 U	2.80 U	2.70 U	3.00 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U	1.40 U	1.30 U	1.50 U	1.40 U

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	Locations: 5703VP-18-09	5703VP-18-09	5703VP-18-09	5703VP-18-09	5703VP-19-01
Field Sample ID:	5703VP-18-09-52-56	5703VP-18-09-62-66	5703VP-18-09-72-76	5703VP-18-09-82-86	5703VP-19-01-22-26
Sample Begin Depth:	52.00	62.00	72.00	82.00	22.00
Sample End Depth:	56.00	66.00	76.00	86.00	26.00
Sample Date:	12/19/2018	12/20/2018	12/20/2018	12/20/2018	01/24/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	25.0 U	21.0 U	26.0 U	32.0 U	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	13.0 U	10.0 U	13.0 U	16.0 U	9.00 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	13.0 U	10.0 U	13.0 U	16.0 U	9.00 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	13.0 U	10.0 U	13.0 U	16.0 U	9.00 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.90</b>	<b>3.90</b>	1.30 U	1.60 U	<b>0.770 J</b>
Perfluorodecanoic acid (PFDA)	1.30 U	1.00 U	1.30 U	1.60 U	<b>1.20 J</b>
Perfluorododecanoic acid (PFDoA)	1.90 U	1.60 U	2.00 U	2.40 U	1.30 U
Perfluoroheptanoic acid (PFHpA)	<b>12.0</b>	<b>10.0</b>	2.00 U	2.40 U	<b>1.00 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>71.0</b>	<b>66.0</b>	2.60 U	1.60 U	<b>3.70</b>
Perfluorohexanoic acid (PFHxA)	<b>21.0</b>	<b>20.0</b>	<b>0.720 J</b>	1.60 U	<b>4.40</b>
Perfluorononanoic acid (PFNA)	<b>1.80 J</b>	<b>1.60 J</b>	2.00 U	2.40 U	<b>0.860 J</b>
Perfluorooctanesulfonic acid (PFOS)	<b>15.0</b>	<b>12.0</b>	3.90 U	4.80 U	2.70 U
Perfluorooctanoic acid (PFOA)	<b>21.0</b>	<b>19.0</b>	2.00 U	2.40 U	<b>1.60 J</b>
Perfluorotetradecanoic acid (PFTA)	3.80 U	3.10 U	3.90 U	4.80 U	2.70 U
Perfluorotridecanoic acid (PFTrDA)	3.80 U	3.10 U	3.90 U	4.80 U	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.90 U	1.60 U	2.00 U	2.40 U	1.30 U

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	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01
<b>Locations:</b>	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01	5703VP-19-01
<b>Field Sample ID:</b>	5703VP-19-01-32-36	5703VP-19-01-42-46	5703VP-19-01-52-56	5703VP-19-01-62-66	5703VP-19-01-68-72
<b>Sample Begin Depth:</b>	32.00	42.00	52.00	62.00	68.00
<b>Sample End Depth:</b>	36.00	46.00	56.00	66.00	72.00
<b>Sample Date:</b>	01/24/2019	01/24/2019	01/25/2019	01/25/2019	01/25/2019
<b>PFAS (ng/L)</b>					
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U	18.0 U	19.0 U	39.0 U	24.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	8.90 U	8.90 U	9.50 U	20.0 U	12.0 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	8.90 U	8.90 U	9.50 U	20.0 U	12.0 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	8.90 U	8.90 U	9.50 U	20.0 U	12.0 U
Perfluorobutanesulfonic acid (PFBS)	<b>3.50</b>	<b>4.10</b>	<b>2.60</b>	2.00 U	<b>0.810 J</b>
Perfluorodecanoic acid (PFDA)	0.890 U	0.890 U	0.950 U	2.00 U	1.20 U
Perfluorododecanoic acid (PFDoA)	1.30 U	1.30 U	1.40 U	2.90 U	1.80 U
Perfluoroheptanoic acid (PFHpA)	<b>13.0</b>	<b>9.40</b>	<b>2.30</b>	2.90 U	<b>0.930 J</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>3.30</b>	<b>4.70</b>	<b>10.0</b>	2.00 U	<b>1.50 J</b>
Perfluorohexanoic acid (PFHxA)	<b>39.0</b>	<b>62.0</b>	<b>7.30</b>	2.00 U	<b>3.60</b>
Perfluorononanoic acid (PFNA)	<b>0.650 J</b>	1.30 U	1.40 U	2.90 U	1.80 U
Perfluorooctanesulfonic acid (PFOS)	<b>2.40 J</b>	2.70 U	<b>1.70 J</b>	<b>2.70 J</b>	3.70 U
Perfluorooctanoic acid (PFOA)	<b>8.60</b>	<b>4.70</b>	<b>5.80</b>	2.90 U	<b>1.20 J</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U	2.70 U	2.90 U	5.90 U	3.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U	2.70 U	2.90 U	5.90 U	3.70 U
Perfluoroundecanoic acid (PFUnA)	1.30 U	1.30 U	1.40 U	2.90 U	1.80 U

Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

**Locations:** 5703VP-19-01 (FD)  
**Field Sample ID:** A1-VP-DUP-R2-012519  
**Sample Begin Depth:** 52.00  
**Sample End Depth:** 56.00  
**Sample Date:** 01/25/2019

<b>PFAS (ng/L)</b>	
6:2 Fluorotelomer sulfonate (6:2 FTS)	18.0 U
8:2 Fluorotelomer sulfonate (8:2 FTS)	9.10 U
N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	9.10 U
N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	9.10 U
Perfluorobutanesulfonic acid (PFBS)	<b>2.70</b>
Perfluorodecanoic acid (PFDA)	0.910 U
Perfluorododecanoic acid (PFDoA)	1.40 U
Perfluoroheptanoic acid (PFHpA)	<b>2.30</b>
Perfluorohexanesulfonic acid (PFHxS)	<b>9.70</b>
Perfluorohexanoic acid (PFHxA)	<b>7.00</b>
Perfluorononanoic acid (PFNA)	1.40 U
Perfluorooctanesulfonic acid (PFOS)	2.70 U
Perfluorooctanoic acid (PFOA)	<b>5.80</b>
Perfluorotetradecanoic acid (PFTA)	2.70 U
Perfluorotridecanoic acid (PFTrDA)	2.70 U
Perfluoroundecanoic acid (PFUnA)	1.40 U



## Former Fort Devens, Stage 2B Validation - Electronic and Manual Data Approved Between 9/24/2018 and 5/31/2020

Detects are displayed in bold font

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### Data Qualifier Definitions

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J: The analyte was positively identified, but the associated numerical value is estimated and represents the approximate concentration of the analyte in the sample.

U: The analyte was not detected above the reported sample quantitation limit.

UJ: The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate.

### Units

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MG/KG = milligrams per kilogram

NG/L = nanograms per liter

PERCENT = percent

PPT = parts per thousand

UG/KG = microgram per kilogram

UG/L = microgram per liter