

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

KOMAN, PFAS RI, Monitoring Wells-Area 3

AOC 20, Waste Water Treatment Plant Sand Filter Beds

| | Locations: MW-01A | MW-02A | MW-04 | MW-06 | MW-07 |
|---|-------------------------------|---------------|-------------|-------------|-------------|
| | Field Sample ID: MW-01A_APR19 | MW-02A_APR19 | MW-04_APR19 | MW-06_MAY19 | MW-07_APR19 |
| | Sample Begin Depth: 18.00 | 18.00 | 7.00 | 14.00 | 20.50 |
| | Sample End Depth: 33.00 | 33.00 | 22.00 | 29.00 | 35.50 |
| | Sample Date: 04/30/2019 | 04/30/2019 | 04/30/2019 | 05/06/2019 | 04/30/2019 |
| PFAS (ng/L) | | | | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 19.0 U | 19.0 U | 19.0 U | 19.0 U | 18.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 9.70 U | 9.50 U | 9.60 U | 9.60 U | 9.20 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.70 U | 9.50 U | 9.60 U | 9.60 U | 9.20 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.70 U | 9.50 U | 9.60 U | 9.60 U | 9.20 U |
| Perfluorobutanesulfonic acid (PFBS) | 1.90 U | 48.0 | 6.60 | 0.960 U | 0.920 U |
| Perfluorodecanoic acid (PFDA) | 0.970 U | 1.10 J | 3.70 | 0.960 U | 0.920 U |
| Perfluorododecanoic acid (PFDoA) | 1.50 U | 1.40 U | 1.40 U | 1.40 U | 1.40 U |
| Perfluoroheptanoic acid (PFHpA) | 5.40 | 30.0 | 20.0 | 1.40 U | 1.40 U |
| Perfluorohexanesulfonic acid (PFHxS) | 14.0 | 360 | 15.0 | 0.960 U | 0.920 U |
| Perfluorohexanoic acid (PFHxA) | 8.60 | 200 | 26.0 | 0.960 U | 0.920 U |
| Perfluorononanoic acid (PFNA) | 1.50 U | 7.60 | 11.0 | 1.40 U | 1.40 U |
| Perfluorooctanesulfonic acid (PFOS) | 3.30 J | 110 | 130 | 2.90 U | 2.80 U |
| Perfluorooctanoic acid (PFOA) | 15.0 | 140 J | 38.0 | 1.40 U | 1.40 U |
| 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 | 1.40 U | 1.40 U |

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| | Locations: MW-07 (FD) | MW-WC1A | MW-WC2 | PZ-1 | PZ-2 |
|---|-----------------------|----------------|----------------|-------------|-------------|
| Field Sample ID: | A3-MW-DUP-043019 | MW-WC1A_MAY19 | MW-WC2_MAY19 | PZ-1_MAY19 | PZ-2_MAY19 |
| Sample Begin Depth: | 20.50 | 6.45 | 5.40 | 70.00 | 95.00 |
| Sample End Depth: | 35.50 | 17.95 | 19.90 | 75.00 | 100.00 |
| Sample Date: | 04/30/2019 | 05/06/2019 | 05/06/2019 | 05/07/2019 | 05/07/2019 |
| PFAS (ng/L) | | | | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 19.0 U | 20.0 U | 20.0 U | 19.0 U | 19.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 9.40 U | 9.80 U | 9.90 U | 9.50 U | 9.60 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.40 U | 9.80 U | 9.90 U | 9.50 U | 9.60 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.40 U | 9.80 U | 9.90 U | 9.50 U | 9.60 U |
| Perfluorobutanesulfonic acid (PFBS) | 0.940 U | 0.790 J | 0.500 J | 9.70 | 11.0 |
| Perfluorodecanoic acid (PFDA) | 0.940 U | 0.980 U | 0.990 U | 5.90 | 3.60 |
| Perfluorododecanoic acid (PFDoA) | 1.40 U | 1.50 U | 1.50 U | 1.40 U | 1.40 U |
| Perfluoroheptanoic acid (PFHpA) | 1.40 U | 1.70 J | 12.0 | 23.0 | 18.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 0.940 U | 2.50 | 1.70 J | 26.0 | 12.0 |
| Perfluorohexanoic acid (PFHxA) | 0.940 U | 1.80 J | 26.0 | 27.0 | 32.0 |
| Perfluorononanoic acid (PFNA) | 1.40 U | 1.50 U | 1.50 U | 18.0 | 5.10 |
| Perfluorooctanesulfonic acid (PFOS) | 2.80 U | 4.90 | 3.00 U | 150 | 130 |
| Perfluorooctanoic acid (PFOA) | 1.40 U | 6.60 | 38.0 | 94.0 | 43.0 |
| Perfluorotetradecanoic acid (PFTA) | 2.80 U | 2.90 U | 3.00 U | 2.90 U | 2.90 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.80 U | 2.90 U | 3.00 U | 2.90 U | 2.90 U |
| Perfluoroundecanoic acid (PFUnA) | 1.40 U | 1.50 U | 1.50 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: PZ-5 | | | PZ-6 |
|---|-------------|--|----------------|
| Field Sample ID: PZ-5_APR19 | | | PZ-6_APR19 |
| Sample Begin Depth: 25.00 | | | 15.00 |
| Sample End Depth: 30.00 | | | 20.00 |
| Sample Date: 04/30/2019 | | | 04/30/2019 |
| PFAS (ng/L) | | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 19.0 U | | 18.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 9.40 U | | 9.20 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.40 U | | 9.20 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.40 U | | 9.20 U |
| Perfluorobutanesulfonic acid (PFBS) | 9.50 | | 1.80 U |
| Perfluorodecanoic acid (PFDA) | 3.00 | | 0.740 J |
| Perfluorododecanoic acid (PFDoA) | 1.40 U | | 1.40 U |
| Perfluoroheptanoic acid (PFHpA) | 25.0 | | 5.30 |
| Perfluorohexanesulfonic acid (PFHxS) | 18.0 | | 3.10 |
| Perfluorohexanoic acid (PFHxA) | 42.0 | | 6.40 |
| Perfluorononanoic acid (PFNA) | 5.70 | | 1.80 |
| Perfluorooctanesulfonic acid (PFOS) | 95.0 | | 28.0 |
| Perfluorooctanoic acid (PFOA) | 47.0 | | 10.0 |
| Perfluorotetradecanoic acid (PFTA) | 2.80 U | | 2.80 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.80 U | | 2.80 U |
| Perfluoroundecanoic acid (PFUnA) | 1.40 U | | 1.40 U |

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KOMAN, PFAS RI, Vertical Profile Samples-Area3

AOO 20, Waste Water Treatment Plant Sand Filter Beds

| | Locations: 20VP-19-01 | 20VP-19-02 | 20VP-19-02 | 20VP-19-02 | 20VP-19-02 (FD) |
|---|-----------------------|------------------|------------------|-----------------|---------------------|
| Field Sample ID: | 20VP-19-01-17-21 | 20VP-19-02-19-23 | 20VP-19-02-29-33 | 20VP-19-02-9-13 | A3-VP-DUP-R2-090419 |
| Sample Begin Depth: | 17.00 | 19.00 | 29.00 | 9.00 | 19.00 |
| Sample End Depth: | 21.00 | 23.00 | 33.00 | 13.00 | 23.00 |
| Sample Date: | 07/30/2019 | 09/04/2019 | 09/04/2019 | 09/03/2019 | 09/04/2019 |
| PFAS (ng/L) | | | | | |
| 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) | 9.60 U | 9.60 U | 9.70 U | 9.60 U | 9.80 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.60 U | 9.60 U | 9.70 U | 9.60 U | 9.80 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.60 U | 9.60 U | 9.70 U | 9.60 U | 9.80 U |
| Perfluorobutanesulfonic acid (PFBS) | 0.510 J | 1.30 J | 2.10 | 0.790 J | 1.30 J |
| Perfluorodecanoic acid (PFDA) | 0.890 J | 1.20 J | 2.10 | 6.50 | 1.20 J |
| Perfluorododecanoic acid (PFDoA) | 1.40 U | 1.40 U | 1.50 U | 1.40 U | 1.50 U |
| Perfluoroheptanoic acid (PFHpA) | 2.00 | 4.90 | 8.70 | 7.90 | 4.70 |
| Perfluorohexanesulfonic acid (PFHxS) | 1.90 U | 4.10 | 5.50 | 3.90 | 4.10 |
| Perfluorohexanoic acid (PFHxA) | 2.20 | 4.90 | 13.0 | 23.0 | 4.70 |
| Perfluorononanoic acid (PFNA) | 1.30 J | 2.00 | 3.10 | 4.00 | 1.90 J |
| Perfluorooctanesulfonic acid (PFOS) | 19.0 | 49.0 | 50.0 | 62.0 | 48.0 |
| Perfluorooctanoic acid (PFOA) | 4.50 | 8.40 | 15.0 | 11.0 | 8.30 |
| Perfluorotetradecanoic acid (PFTA) | 2.90 U | 2.90 U | 2.90 U | 2.90 U | 2.90 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.90 U | 2.90 U | 2.90 U | 2.90 U | 2.90 U |
| Perfluoroundecanoic acid (PFUnA) | 1.40 U | 1.40 U | 1.50 U | 1.40 U | 1.50 U |

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| | 20VP-19-03 | 20VP-19-03 | 20VP-19-03 | 20VP-19-03 | 20VP-19-03 |
|---|------------------|------------------|------------------|------------------|------------------|
| Locations: | 20VP-19-03 | 20VP-19-03 | 20VP-19-03 | 20VP-19-03 | 20VP-19-03 |
| Field Sample ID: | 20VP-19-03-19-23 | 20VP-19-03-29-33 | 20VP-19-03-39-43 | 20VP-19-03-49-53 | 20VP-19-03-54-58 |
| Sample Begin Depth: | 19.00 | 29.00 | 39.00 | 49.00 | 54.00 |
| Sample End Depth: | 23.00 | 33.00 | 43.00 | 53.00 | 58.00 |
| Sample Date: | 07/31/2019 | 07/31/2019 | 07/31/2019 | 08/01/2019 | 08/01/2019 |
| PFAS (ng/L) | | | | | |
| 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 | 9.60 U | 9.70 U | 9.50 U | 9.70 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.70 U | 9.60 U | 9.70 U | 9.50 U | 9.70 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.70 U | 9.60 U | 9.70 U | 9.50 U | 9.70 U |
| Perfluorobutanesulfonic acid (PFBS) | 1.30 J | 0.690 J | 2.20 | 0.820 J | 3.90 |
| Perfluorodecanoic acid (PFDA) | 0.970 U | 0.960 U | 0.970 U | 0.950 U | 1.20 J |
| Perfluorododecanoic acid (PFDoA) | 1.50 U | 1.40 U | 1.40 U | 1.40 U | 1.50 U |
| Perfluoroheptanoic acid (PFHpA) | 3.60 | 17.0 | 22.0 | 20.0 | 20.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 2.30 | 2.90 | 13.0 | 4.70 | 26.0 |
| Perfluorohexanoic acid (PFHxA) | 9.20 | 41.0 | 43.0 | 43.0 | 39.0 |
| Perfluorononanoic acid (PFNA) | 1.50 U | 1.40 U | 0.640 J | 0.670 J | 4.10 |
| Perfluorooctanesulfonic acid (PFOS) | 2.50 J | 6.30 | 13.0 | 7.40 | 44.0 |
| Perfluorooctanoic acid (PFOA) | 15.0 | 52.0 | 68.0 | 67.0 | 66.0 |
| Perfluorotetradecanoic acid (PFTA) | 2.90 U | 2.90 U | 2.90 U | 2.90 U | 2.90 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.90 U | 2.90 U | 2.90 U | 2.90 U | 2.90 U |
| Perfluoroundecanoic acid (PFUnA) | 1.50 U | 1.40 U | 1.40 U | 1.40 U | 1.50 U |

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| | Locations: 20VP-19-03 | 20VP-19-04 | 20VP-19-04 | 20VP-19-04 | 20VP-19-04 |
|---|-----------------------|------------------|------------------|------------------|------------------|
| Field Sample ID: | 20VP-19-03-9-13 | 20VP-19-04-19-23 | 20VP-19-04-29-33 | 20VP-19-04-39-43 | 20VP-19-04-49-53 |
| Sample Begin Depth: | 9.00 | 19.00 | 29.00 | 39.00 | 49.00 |
| Sample End Depth: | 13.00 | 23.00 | 33.00 | 43.00 | 53.00 |
| Sample Date: | 07/31/2019 | 07/22/2019 | 07/22/2019 | 07/23/2019 | 07/23/2019 |
| PFAS (ng/L) | | | | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 19.0 U | 18.0 U | 18.0 U | 19.0 U | 19.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 9.60 U | 9.10 U | 9.20 U | 9.30 U | 9.30 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.60 U | 9.10 U | 9.20 U | 9.30 U | 9.30 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.60 U | 9.10 U | 9.20 U | 9.30 U | 9.30 U |
| Perfluorobutanesulfonic acid (PFBS) | 2.00 | 8.30 | 8.50 | 8.30 | 5.50 |
| Perfluorodecanoic acid (PFDA) | 0.960 U | 5.80 | 4.90 | 5.80 | 3.30 |
| Perfluorododecanoic acid (PFDoA) | 1.40 U | 1.40 U | 1.40 U | 1.40 U | 1.40 U |
| Perfluoroheptanoic acid (PFHpA) | 5.60 | 14.0 | 17.0 | 20.0 | 19.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 4.90 | 42.0 | 40.0 | 43.0 | 34.0 |
| Perfluorohexanoic acid (PFHxA) | 7.30 | 24.0 | 33.0 | 37.0 | 29.0 |
| Perfluorononanoic acid (PFNA) | 1.40 U | 5.60 | 6.10 | 6.00 | 5.50 |
| Perfluorooctanesulfonic acid (PFOS) | 9.40 | 140 | 110 | 89.0 | 81.0 |
| Perfluorooctanoic acid (PFOA) | 22.0 | 57.0 | 70.0 | 65.0 | 61.0 |
| Perfluorotetradecanoic acid (PFTA) | 2.90 U | 2.70 U | 2.80 U | 2.80 U | 2.80 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.90 U | 2.70 U | 2.80 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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| | 20VP-19-05 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 |
|---|------------------|--------------------|--------------------|--------------------|--------------------|
| Locations: | 20VP-19-05 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 |
| Field Sample ID: | 20VP-19-05-18-22 | 20VP-19-06-103-107 | 20VP-19-06-113-117 | 20VP-19-06-123-127 | 20VP-19-06-133-137 |
| Sample Begin Depth: | 18.00 | 103.00 | 113.00 | 123.00 | 133.00 |
| Sample End Depth: | 22.00 | 107.00 | 117.00 | 127.00 | 137.00 |
| Sample Date: | 07/22/2019 | 08/05/2019 | 08/06/2019 | 08/06/2019 | 08/06/2019 |
| PFAS (ng/L) | | | | | |
| 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) | 9.30 U | 9.30 U | 9.30 U | 9.30 U | 9.30 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.30 U | 9.30 U | 3.70 J | 9.30 U | 2.80 J |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.30 U | 9.30 U | 9.30 U | 9.30 U | 9.30 U |
| Perfluorobutanesulfonic acid (PFBS) | 0.930 U | 8.20 | 5.30 | 8.20 | 7.10 |
| Perfluorodecanoic acid (PFDA) | 1.70 J | 4.30 | 4.00 | 3.70 | 2.40 |
| Perfluorododecanoic acid (PFDoA) | 1.40 U | 1.40 U | 1.40 U | 1.40 U | 1.40 U |
| Perfluoroheptanoic acid (PFHpA) | 5.90 | 13.0 | 12.0 | 12.0 | 12.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 1.90 U | 12.0 | 11.0 | 9.70 | 10.0 |
| Perfluorohexanoic acid (PFHxA) | 6.70 | 28.0 | 30.0 | 28.0 | 27.0 |
| Perfluorononanoic acid (PFNA) | 1.60 J | 6.00 | 6.40 | 3.80 | 2.60 |
| Perfluorooctanesulfonic acid (PFOS) | 8.30 | 60.0 | 66.0 | 38.0 | 40.0 |
| Perfluorooctanoic acid (PFOA) | 11.0 | 30.0 | 29.0 | 21.0 | 27.0 |
| Perfluorotetradecanoic acid (PFTA) | 2.80 U | 2.80 U | 2.80 U | 2.80 U | 2.80 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.80 U | 2.80 U | 2.80 U | 2.80 U | 2.80 U |
| Perfluoroundecanoic acid (PFUnA) | 1.40 U | 0.690 J | 0.870 J | 1.40 U | 1.40 U |

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| | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 |
|---|--------------------|--------------------|------------------|------------------|------------------|
| Locations: | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 | 20VP-19-06 |
| Field Sample ID: | 20VP-19-06-143-147 | 20VP-19-06-152-156 | 20VP-19-06-63-67 | 20VP-19-06-73-77 | 20VP-19-06-83-87 |
| Sample Begin Depth: | 143.00 | 152.00 | 63.00 | 73.00 | 83.00 |
| Sample End Depth: | 147.00 | 156.00 | 67.00 | 77.00 | 87.00 |
| Sample Date: | 08/07/2019 | 08/08/2019 | 08/02/2019 | 08/02/2019 | 08/05/2019 |
| PFAS (ng/L) | | | | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 18.0 U | 21.0 U | 21.0 U | 19.0 U | 20.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 9.20 U | 10.0 U | 10.0 U | 9.60 U | 9.80 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.20 U | 3.60 J | 10.0 U | 9.60 U | 9.80 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.20 U | 10.0 U | 10.0 U | 9.60 U | 9.80 U |
| Perfluorobutanesulfonic acid (PFBS) | 7.80 | 5.40 | 8.90 | 6.60 | 8.50 |
| Perfluorodecanoic acid (PFDA) | 3.30 | 4.10 | 3.30 | 2.40 | 5.90 |
| Perfluorododecanoic acid (PFDoA) | 1.40 U | 1.60 U | 1.60 U | 1.40 U | 1.50 U |
| Perfluoroheptanoic acid (PFHpA) | 20.0 | 13.0 | 11.0 | 7.60 | 16.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 13.0 | 13.0 | 12.0 | 10.0 | 14.0 |
| Perfluorohexanoic acid (PFHxA) | 30.0 | 27.0 | 35.0 | 22.0 | 33.0 |
| Perfluorononanoic acid (PFNA) | 4.40 | 5.70 | 3.80 | 4.00 | 3.00 |
| Perfluorooctanesulfonic acid (PFOS) | 83.0 | 75.0 | 47.0 | 41.0 | 51.0 |
| Perfluorooctanoic acid (PFOA) | 30.0 | 32.0 | 41.0 | 20.0 | 25.0 |
| Perfluorotetradecanoic acid (PFTA) | 2.80 U | 3.10 U | 3.10 U | 2.90 U | 2.90 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.80 U | 3.10 U | 3.10 U | 2.90 U | 2.90 U |
| Perfluoroundecanoic acid (PFUnA) | 1.40 U | 1.50 J | 1.60 U | 1.40 U | 1.60 J |

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| | 20VP-19-06 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 |
|---|------------------|--------------------|--------------------|--------------------|--------------------|
| Locations: | 20VP-19-06 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 |
| Field Sample ID: | 20VP-19-06-93-97 | 20VP-19-07-103-107 | 20VP-19-07-113-117 | 20VP-19-07-123-127 | 20VP-19-07-133-137 |
| Sample Begin Depth: | 93.00 | 103.00 | 113.00 | 123.00 | 133.00 |
| Sample End Depth: | 97.00 | 107.00 | 117.00 | 127.00 | 137.00 |
| Sample Date: | 08/05/2019 | 07/29/2019 | 07/30/2019 | 07/30/2019 | 07/31/2019 |
| PFAS (ng/L) | | | | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 19.0 U | 26.0 U | 19.0 U | 28.0 U | 19.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 9.50 U | 13.0 U | 9.50 U | 14.0 U | 9.40 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.50 U | 13.0 U | 9.50 U | 14.0 U | 9.40 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.50 U | 13.0 U | 9.50 U | 14.0 U | 9.40 U |
| Perfluorobutanesulfonic acid (PFBS) | 4.20 | 6.70 | 8.00 | 9.00 | 7.00 |
| Perfluorodecanoic acid (PFDA) | 4.90 | 4.20 | 5.10 | 5.70 | 4.20 |
| Perfluorododecanoic acid (PFDoA) | 1.40 U | 2.00 U | 1.40 U | 4.10 | 1.40 U |
| Perfluoroheptanoic acid (PFHpA) | 15.0 | 22.0 | 18.0 | 16.0 | 17.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 10.0 | 15.0 | 11.0 | 11.0 | 11.0 |
| Perfluorohexanoic acid (PFHxA) | 31.0 | 27.0 | 32.0 | 35.0 | 29.0 |
| Perfluorononanoic acid (PFNA) | 6.00 | 7.40 | 4.80 | 5.10 | 5.50 |
| Perfluorooctanesulfonic acid (PFOS) | 65.0 | 110 | 110 | 120 | 120 |
| Perfluorooctanoic acid (PFOA) | 25.0 | 36.0 | 31.0 | 29.0 | 29.0 |
| Perfluorotetradecanoic acid (PFTA) | 2.90 U | 3.90 U | 2.80 U | 4.20 U | 2.80 U |
| Perfluorotridecanoic acid (PFTrDA) | 2.90 U | 3.90 U | 2.80 U | 2.30 J | 2.80 U |
| Perfluoroundecanoic acid (PFUnA) | 1.30 J | 2.00 U | 1.40 U | 1.20 J | 1.40 U |

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| | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 |
|---|--------------------|--------------------|------------------|------------------|------------------|
| Locations: | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 | 20VP-19-07 |
| Field Sample ID: | 20VP-19-07-143-147 | 20VP-19-07-153-157 | 20VP-19-07-63-67 | 20VP-19-07-73-77 | 20VP-19-07-83-87 |
| Sample Begin Depth: | 143.00 | 153.00 | 63.00 | 73.00 | 83.00 |
| Sample End Depth: | 147.00 | 157.00 | 67.00 | 77.00 | 87.00 |
| Sample Date: | 08/01/2019 | 08/01/2019 | 07/25/2019 | 07/26/2019 | 07/26/2019 |
| PFAS (ng/L) | | | | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 21.0 U | 25.0 U | 19.0 U | 19.0 U | 19.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 10.0 U | 13.0 U | 9.50 U | 9.30 U | 9.50 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 10.0 U | 13.0 U | 9.50 U | 9.30 U | 9.50 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 10.0 U | 13.0 U | 9.50 U | 9.30 U | 9.50 U |
| Perfluorobutanesulfonic acid (PFBS) | 6.50 | 6.50 | 9.50 | 5.90 | 7.80 |
| Perfluorodecanoic acid (PFDA) | 3.70 | 5.80 | 0.830 J | 5.00 | 6.00 |
| Perfluorododecanoic acid (PFDoA) | 1.50 U | 1.90 U | 1.40 U | 1.90 | 1.40 U |
| Perfluoroheptanoic acid (PFHpA) | 19.0 | 21.0 | 11.0 | 24.0 | 14.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 12.0 | 14.0 | 9.20 | 14.0 | 11.0 |
| Perfluorohexanoic acid (PFHxA) | 28.0 | 35.0 | 35.0 | 35.0 | 24.0 |
| Perfluorononanoic acid (PFNA) | 5.70 | 5.60 | 4.60 | 2.60 | 16.0 |
| Perfluorooctanesulfonic acid (PFOS) | 120 | 130 | 70.0 | 72.0 | 130 |
| Perfluorooctanoic acid (PFOA) | 29.0 | 37.0 | 23.0 | 40.0 | 43.0 |
| Perfluorotetradecanoic acid (PFTA) | 3.10 U | 3.80 U | 2.80 U | 2.80 U | 2.90 U |
| Perfluorotridecanoic acid (PFTrDA) | 3.10 U | 3.80 U | 2.80 U | 0.850 J | 2.90 U |
| Perfluoroundecanoic acid (PFUnA) | 1.50 U | 1.90 U | 1.40 U | 1.40 U | 1.40 U |

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| | | |
|---|------------------|--------------------|
| Locations: | 20VP-19-07 | 20VP-19-07 (FD) |
| Field Sample ID: | 20VP-19-07-93-97 | A3-VP-DUP-R1-73019 |
| Sample Begin Depth: | 93.00 | 123.00 |
| Sample End Depth: | 97.00 | 127.00 |
| Sample Date: | 07/29/2019 | 07/30/2019 |
| PFAS (ng/L) | | |
| 6:2 Fluorotelomer sulfonate (6:2 FTS) | 20.0 U | 30.0 U |
| 8:2 Fluorotelomer sulfonate (8:2 FTS) | 9.90 U | 15.0 U |
| N-Ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | 9.90 U | 15.0 U |
| N-Methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA) | 9.90 U | 15.0 U |
| Perfluorobutanesulfonic acid (PFBS) | 10.0 | 8.50 |
| Perfluorodecanoic acid (PFDA) | 5.20 | 6.20 |
| Perfluorododecanoic acid (PFDoA) | 1.50 U | 2.20 U |
| Perfluoroheptanoic acid (PFHpA) | 30.0 | 17.0 |
| Perfluorohexanesulfonic acid (PFHxS) | 15.0 | 12.0 |
| Perfluorohexanoic acid (PFHxA) | 38.0 | 33.0 |
| Perfluorononanoic acid (PFNA) | 8.20 | 5.40 |
| Perfluorooctanesulfonic acid (PFOS) | 160 | 110 |
| Perfluorooctanoic acid (PFOA) | 41.0 | 28.0 |
| Perfluorotetradecanoic acid (PFTA) | 3.00 U | 4.50 U |
| Perfluorotridecanoic acid (PFTrDA) | 3.00 U | 4.50 U |
| Perfluoroundecanoic acid (PFUnA) | 1.50 U | 2.20 U |

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Detects are displayed in bold font

Data Qualifier Definitions

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

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