

**Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial**

| Analytical Method | Analyte  | Sample Location  |       | PW-001     | PW-002     | PW-005     | PW-031    | PW-033    |           | PW-036    | PW-037    |
|-------------------|--|------------------|-------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|
|                   |  | Regulatory Limit | Units | 10/24/2022 | 12/13/2022 | 11/18/2022 | 11/7/2022 | 12/9/2022 | 12/9/2022 | 1/12/2023 | 12/2/2022 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70‡              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L  | <3.6       | <3.4       | <3.7       | <3.7      | <3.3      | <3.6      | <3.7      | <3.7      |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L  | <1.8       | 1.1J       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | 2.1       |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | 0.39J     |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | 1.2J      |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L  | <1.8       | 6.2        | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | 6.1       |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L  | <1.8       | <1.7       | <1.9       | <1.9      | <1.7      | <1.8      | <1.9      | <1.8      |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L  | <4.5       | <4.2       | <4.6       | <4.6      | <4.1      | <4.5      | <4.7      | <4.6      |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L  | <4.5       | <4.2       | <4.6       | <4.6      | <4.1      | <4.5      | <4.7      | <4.6      |

Notes:

- † Final EPA PFAS LHAs (HFPO/PFBS)
- ‡ DEC Drinking Water Action Level = 70 ng/L for sum of PFOS and PFOA
- DEC Alaska Department of Environmental Conservation
- EPA United States Environmental Protection Agency
- LHA Lifetime Health Advisory
- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
- N/A No applicable regulatory limit exists for the associated analyte.
- Bold** Concentration exceeds the regulatory limit.
- < Analyte not detected; listed as less than the reporting limit (RL) unless otherwise flagged due to quality-control failures.
- J Estimated concentration, detected greater than the detection limit (DL) and less than the reporting limit (RL). Flag applied by the laboratory.
- J\* Estimated concentration due to quality control failures. Flag applied by Shannon & Wilson, Inc. (\*)
- N\* Estimated concentration due to quality control failures. Flag applied by Shannon & Wilson, Inc. (\*)

**Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial**

| Analytical Method | Analyte  | Regulatory Limit | Sample Location<br>Sample Date | PW-038     | PW-041     | PW-042     | PW-044     | PW-047     | PW-049     | PW-051    |           |  |
|-------------------|--|------------------|--------------------------------|------------|------------|------------|------------|------------|------------|-----------|-----------|--|
|                   |  |                  |                                | 11/30/2022 | 10/26/2022 | 10/26/2022 | 11/28/2022 | 1/17/2023  | 10/31/2022 | 11/9/2022 | 11/9/2022 |  |
|                   |  |                  | Units                          |            |            |            |            |            |            |           |           |  |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <b>240</b> | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <b>12</b>  | <1.8       | <2.0      | <1.9      |  |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                           | <3.7       | <3.7       | <3.6       | <3.6       | <3.4       | <3.7       | <3.9      | <3.9      |  |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | 2.0        | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | 0.36J      | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <1.7       | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | 6.1        | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | 21         | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | 16         | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | 35         | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <1.7       | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <1.7       | <1.8       | <2.0      | <1.9      |  |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <1.7       | <1.8       | <2.0      | <1.9      |  |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <1.7       | 10         | <2.0      | <1.9      |  |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <1.7       | 0.54J      | <2.0      | <1.9      |  |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                           | <1.9       | <1.8       | <1.8       | <1.8       | <1.7       | <1.8       | <2.0      | <1.9      |  |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                           | <4.7       | <4.6       | <4.6       | <4.5       | <4.2       | <4.6       | <4.9      | <4.8      |  |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L                           | <4.7       | <4.6       | <4.6       | <4.5       | <4.2       | <4.6       | <4.9      | <4.8      |  |

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- LHA Lifetime Health Advisory
- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
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| Analytical Method | Analyte  | Sample Location  |       | PW-052     | PW-053    | PW-055    | PW-056       | PW-057      | PW-059     | PW-061     | PW-062     |
|-------------------|--|------------------|-------|------------|-----------|-----------|--------------|-------------|------------|------------|------------|
|                   |  | Regulatory Limit | Units | 11/29/2022 | 11/9/2022 | 12/2/2022 | 11/7/2022    | 11/10/2022  | 11/16/2022 | 12/16/2022 | 11/21/2022 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L  | <3.8       | <3.7      | <3.7      | <3.8         | <3.7        | <3.7       | <3.5       | <3.5       |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L  | <1.9       | <1.9      | <1.9      | <b>1.3J</b>  | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <b>0.96J</b> | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <b>8.2</b>   | <b>1.0J</b> | <1.8       | <1.8       | <1.8       |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L  | <1.9       | <1.9      | <1.9      | <1.9         | <1.9        | <1.8       | <1.8       | <1.8       |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L  | <4.8       | <4.6      | <4.7      | <4.8         | <4.6        | <4.6       | <4.4       | <4.4       |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L  | <4.8       | <4.6      | <4.7      | <4.8         | <4.6        | <4.6       | <4.4       | <4.4       |

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| Analytical Method | Analyte  | Sample Location  |       | PW-063    | PW-064     | PW-066    | PW-067     | PW-068     | PW-069    | PW-070       | PW-071    |
|-------------------|--|------------------|-------|-----------|------------|-----------|------------|------------|-----------|--------------|-----------|
|                   |  | Regulatory Limit | Units | 12/9/2022 | 10/24/2022 | 1/10/2023 | 11/30/2022 | 11/29/2022 | 1/20/2023 | 12/3/2022    | 11/4/2022 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <b>0.54J</b> | <1.8      |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <b>1.4J</b>  | <1.8      |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L  | <3.5      | <3.8       | <3.6      | <3.7       | <3.7       | <3.5      | <3.6         | <3.6      |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L  | <1.8      | <1.9       | <1.8      | <1.8       | <1.9       | <1.8      | <1.8         | <1.8      |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L  | <4.4      | <4.7       | <4.5      | <4.6       | <4.6       | <4.4      | <4.5         | <4.5      |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L  | <4.4      | <4.7       | <4.5      | <4.6       | <4.6       | <4.4      | <4.5         | <4.5      |

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| Analytical Method | Analyte  | Sample Location  |       | PW-075     | PW-077       | PW-078    | PW-079       | PW-081     | PW-087     | PW-088    | PW-089    |
|-------------------|--|------------------|-------|------------|--------------|-----------|--------------|------------|------------|-----------|-----------|
|                   |  | Regulatory Limit | Units | 10/27/2022 | 1/23/2023    | 11/9/2022 | 11/29/2022   | 11/15/2022 | 10/26/2022 | 12/1/2022 | 1/19/2023 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L  | <3.7       | <3.5         | <3.7      | <3.6         | <3.5       | <3.6       | <3.8      | <3.4      |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L  | <1.9       | <b>0.54J</b> | <1.8      | <b>0.79J</b> | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <b>0.34J</b> | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <b>0.31J</b> | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L  | <1.9       | <1.7         | <1.8      | <1.8         | <1.8       | <1.8       | <1.9      | <1.7      |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L  | <4.6       | <4.4         | <4.6      | <4.5         | <4.4       | <4.5       | <4.7      | <4.2      |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L  | <4.6       | <4.4         | <4.6      | <4.5         | <4.4       | <4.5       | <4.7      | <4.2      |

Notes:

- † Final EPA PFAS LHAs (HFPO/PFBS)
- ‡ DEC Drinking Water Action Level = 70 ng/L for sum of PFOS and PFOA
- DEC Alaska Department of Environmental Conservation
- EPA United States Environmental Protection Agency
- LHA Lifetime Health Advisory
- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
- N/A No applicable regulatory limit exists for the associated analyte.
- Bold** Concentration exceeds the regulatory limit.
- < Analyte not detected; listed as less than the reporting limit (RL) unless otherwise flagged due to quality-control failures.
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- N\* Estimated concentration due to quality control failures. Flag applied by Shannon & Wilson, Inc. (\*)

**Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial**

| Analytical Method | Analyte  | Sample Location  |       | PW-090    | PW-092       | PW-093    | PW-094        | PW-095     | PW-096       | PW-098     | PW-099    |
|-------------------|--|------------------|-------|-----------|--------------|-----------|---------------|------------|--------------|------------|-----------|
|                   |  | Regulatory Limit | Units | 12/2/2022 | 10/28/2022   | 11/4/2022 | 11/8/2022     | 11/19/2022 | 12/1/2022    | 10/27/2022 | 11/4/2022 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L  | <3.8      | <3.7         | <3.7      | <3.6          | <3.5       | <3.8         | <3.6       | <3.7      |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L  | <1.9      | <b>0.37J</b> | <1.8      | <b>0.37J*</b> | <1.8       | <b>2.5</b>   | <1.8       | <1.9      |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <b>0.66J</b> | <1.8       | <1.9      |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <b>5.0</b>   | <1.8       | <1.9      |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <b>1.2J</b>  | <1.8       | <1.9      |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L  | <1.9      | <1.8         | <1.8      | <1.8          | <1.8       | <1.9         | <1.8       | <1.9      |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L  | <4.7      | <4.6         | <4.6      | <4.5          | <4.4       | <4.7         | <4.5       | <4.6      |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L  | <4.7      | <4.6         | <4.6      | <4.5          | <4.4       | <4.7         | <4.5       | <4.6      |

Notes:

- † Final EPA PFAS LHAs (HFPO/PFBS)
- ‡ DEC Drinking Water Action Level = 70 ng/L for sum of PFOS and PFOA
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- EPA United States Environmental Protection Agency
- LHA Lifetime Health Advisory
- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
- N/A No applicable regulatory limit exists for the associated analyte.
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- N\* Estimated concentration due to quality control failures. Flag applied by Shannon & Wilson, Inc. (\*)

**Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial**

| Analytical Method   | Analyte  | Regulatory Limit | Sample Location<br>Sample Date<br>Units | PW-100     | PW-101     | PW-102     | PW-103    | PW-105     |           |           |
|---|--|------------------|---|------------|------------|------------|-----------|------------|-----------|-----------|
|   |  |                  |   | 10/26/2022 | 11/21/2022 | 11/21/2022 | 1/10/2023 | 10/27/2022 | 1/20/2023 | 1/20/2023 |
| EPA 537(Mod)  | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                                    | <3.7       | <3.8N*     | <3.5       | <3.7      | <3.7       | <3.5      | <3.5      |
|   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                                    | <1.9       | <1.9N*     | <1.8       | <1.9      | <1.9       | <1.7      | <1.8      |
|   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                                    | <4.7       | <4.8N*     | <4.4       | <4.7      | <4.6       | <4.3      | <4.4      |
| N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA) | N/A  | ng/L             | <4.7                                    | <4.8N*     | <4.4       | <4.7       | <4.6      | <4.3       | <4.4      |           |

Notes:

- † Final EPA PFAS LHAs (HFPO/PFBS)
- ‡ DEC Drinking Water Action Level = 70 ng/L for sum of PFOS and PFOA
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- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
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**Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial**

| Analytical Method | Analyte  | Regulatory Limit | Sample Location<br>Sample Date | PW-106    |           | PW-109       |              | PW-110     | PW-111       |              | PW-112       |
|-------------------|--|------------------|--------------------------------|-----------|-----------|--------------|--------------|------------|--------------|--------------|--------------|
|                   |  |                  |                                | 11/9/2022 | 11/9/2022 | 10/27/2022   | 10/27/2022   | 11/22/2022 | 12/27/2022   | 12/27/2022   | 10/28/2022   |
|                   |  |                  | Units                          |           |           |              |              |            |              |              |              |
|                   | Perfluorooctanesulfonic acid (PFOS)                                | 70‡              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <b>0.58J</b> | <1.9         |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                           | <3.5      | <3.7      | <3.7         | <3.6         | <3.5       | <3.4         | <3.5         | <3.8         |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                           | <1.8      | <1.9      | <b>0.22J</b> | <b>0.21J</b> | <1.8       | <b>0.55J</b> | <b>0.18J</b> | <b>0.70J</b> |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <b>0.49J</b> |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
| EPA 537(Mod)      | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <b>2.1</b>   |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                           | <1.8      | <1.9      | <1.8         | <1.8         | <1.8       | <1.7         | <1.7         | <1.9         |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                           | <4.4      | <4.7      | <4.6         | <4.5         | <4.4       | <4.3         | <4.3         | <4.8         |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L                           | <4.4      | <4.7      | <4.6         | <4.5         | <4.4       | <4.3         | <4.3         | <4.8         |

Notes:

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**Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial**

| Analytical Method | Analyte  | Regulatory Limit | Sample Location<br>Sample Date | PW-114     | PW-117     | PW-120    |           | PW-123       | PW-124    | PW-125    | PW-126       |
|-------------------|--|------------------|--------------------------------|------------|------------|-----------|-----------|--------------|-----------|-----------|--------------|
|                   |  |                  |                                | 11/28/2022 | 10/24/2022 | 1/12/2023 | 1/12/2023 | 11/8/2022    | 11/4/2022 | 1/20/2023 | 11/8/2022    |
|                   |  |                  | Units                          |            |            |           |           |              |           |           |              |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7      | <1.8         |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7      | <1.8         |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                           | <3.8       | <3.7       | <3.7      | <3.7      | <3.5         | <3.8      | <3.5      | <3.6         |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7B*       | <1.9      | <1.7      | <1.8B*       |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7B*       | <1.9      | <1.7      | <1.8         |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7J*    | <1.8         |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7B*       | <1.9      | <1.7      | <1.8         |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7      | <1.8         |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7      | <1.8         |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7B*       | <1.9      | <1.7      | <1.8B*       |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7J*    | <1.8         |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7J*    | <1.8         |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7      | <1.8         |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <b>0.24J</b> | <1.9      | <1.7      | <b>0.22J</b> |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7      | <1.8         |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                           | <1.9       | <1.8       | <1.8      | <1.9      | <1.7         | <1.9      | <1.7      | <1.8         |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                           | <4.8       | <4.6       | <4.6      | <4.6      | <4.3         | <4.8      | <4.4J*    | <4.5         |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L                           | <4.8       | <4.6       | <4.6      | <4.6      | <4.3         | <4.8      | <4.4J*    | <4.5         |

Notes:

- † Final EPA PFAS LHAs (HFPO/PFBS)
- ‡ DEC Drinking Water Action Level = 70 ng/L for sum of PFOS and PFOA
- DEC Alaska Department of Environmental Conservation
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- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
- N/A No applicable regulatory limit exists for the associated analyte.
- Bold** Concentration exceeds the regulatory limit.
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- J Estimated concentration, detected greater than the detection limit (DL) and less than the reporting limit (RL). Flag applied by the laboratory.
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Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial

| Analytical Method | Analyte  | Regulatory Limit | Sample Location<br>Sample Date | PW-127    |           | PW-129    | PW-130    | PW-132    | PW-133    | PW-134     |            |
|-------------------|--|------------------|--------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|
|                   |  |                  |                                | 1/26/2023 | 1/26/2023 | 11/4/2022 | 1/24/2023 | 12/2/2022 | 11/4/2022 | 11/30/2022 | 11/30/2022 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70‡              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                           | <3.9      | <3.7      | <3.6      | <3.7      | <3.6      | <3.7      | <3.8       | <3.9       |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                           | 0.45J     | 0.48J     | <1.8      | 0.22J     | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                           | 0.83J     | 0.73J     | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                           | <2.0      | <1.9      | <1.8      | <1.9      | <1.8      | <1.8      | <1.9       | <2.0       |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                           | <4.9      | <4.7J*    | <4.5      | <4.6      | <4.5      | <4.6      | <4.7       | <4.9       |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L                           | <4.9      | <4.7J*    | <4.5      | <4.6      | <4.5      | <4.6      | <4.7       | <4.9       |

Notes:

- † Final EPA PFAS LHAs (HFPO/PFBS)
- ‡ DEC Drinking Water Action Level = 70 ng/L for sum of PFOS and PFOA
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- LHA Lifetime Health Advisory
- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
- N/A No applicable regulatory limit exists for the associated analyte.
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- N\* Estimated concentration due to quality control failures. Flag applied by Shannon & Wilson, Inc. (\*)

Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial

| Analytical Method | Analyte  | Regulatory Limit | Sample Location<br>Sample Date | PW-137     | PW-138    | PW-139     | PW-140       | PW-141     |              | PW-142     | PW-143    |
|-------------------|--|------------------|--------------------------------|------------|-----------|------------|--------------|------------|--------------|------------|-----------|
|                   |  |                  |                                | 12/14/2022 | 12/1/2022 | 11/18/2022 | 11/18/2022   | 10/31/2022 | 10/31/2022   | 11/10/2022 | 11/1/2022 |
|                   |  |                  | Units                          |            |           |            |              |            |              |            |           |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L                           | 1.2J       | <1.9      | <1.8       | <b>0.50J</b> | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                           | 5.6        | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                           | <3.4       | <3.9      | <3.6       | <3.5         | <3.7       | <3.7         | <3.5       | <3.6      |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                           | 0.30J      | <1.9      | <1.8       | <b>0.42J</b> | <1.8       | <b>0.20J</b> | <1.7       | <1.8      |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                           | 2.5        | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                           | 0.75J      | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                           | 1.0J       | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                           | <1.7       | <1.9      | <1.8       | <b>0.85J</b> | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                           | 2.2        | <1.9      | <1.8       | <b>0.60J</b> | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                           | 0.79J      | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                           | <1.7       | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                           | <1.7       | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                           | <1.7       | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                           | <1.7       | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                           | <1.7       | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                           | <1.7       | <1.9      | <1.8       | <1.7         | <1.8       | <1.9         | <1.7       | <1.8      |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                           | <4.2       | <4.9      | <4.5       | <4.3         | <4.6       | <4.6         | <4.4       | <4.6      |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L                           | <4.2       | <4.9      | <4.5       | <4.3         | <4.6       | <4.6         | <4.4       | <4.6      |

Notes:

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Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial

| Analytical Method | Analyte  | Sample Location  |       | PW-144     | PW-145    | PW-146     | PW-147    | PW-148     | PW-149     | PW-150     | PW-154     |
|-------------------|--|------------------|-------|------------|-----------|------------|-----------|------------|------------|------------|------------|
|                   |  | Regulatory Limit | Units | 10/31/2022 | 11/4/2022 | 10/31/2022 | 11/7/2022 | 11/22/2022 | 11/10/2022 | 11/30/2022 | 11/10/2022 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70‡              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | 0.74J      | <1.9       | 1.5J       |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | 1.0J       | <1.9       | <1.7       |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L  | <3.7       | <3.7      | <3.6       | <3.6      | <3.6       | <3.4       | <3.8       | <3.4       |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L  | 0.18J      | <1.9      | 0.18J      | 0.20J     | 3.1        | 0.26J      | 0.31J      | <1.7       |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | 0.85J*     | <1.7       | <1.9       | <1.7       |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | 0.98J      | <1.7       |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | 1.6J      | 17         | 0.78J      | 0.64J      | <1.7       |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L  | <1.8       | <1.9      | <1.8       | <1.8      | <1.8       | <1.7       | <1.9       | <1.7       |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L  | <4.6       | <4.6      | <4.5       | <4.5      | <4.5       | <4.3       | <4.8       | <4.3       |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L  | <4.6       | <4.6      | <4.5       | <4.5      | <4.5       | <4.3       | <4.8       | <4.3       |

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Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial

| Analytical Method | Analyte  | Sample Location  |       | PW-155     | PW-156    | PW-200     | PW-201     | PW-202     | PW-203     | PW-204     | PW-214     |
|-------------------|--|------------------|-------|------------|-----------|------------|------------|------------|------------|------------|------------|
|                   |  | Regulatory Limit | Units | 11/23/2022 | 12/2/2022 | 11/18/2022 | 11/18/2022 | 11/23/2022 | 11/19/2022 | 11/19/2022 | 11/30/2022 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L  | <3.5       | <3.7      | <3.7       | <3.6       | <3.6       | <3.5       | <3.4       | <3.7       |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L  | <1.8       | <1.8      | <1.8       | <1.8       | <1.8       | <1.8       | <1.7       | <1.9       |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L  | <4.4       | <4.6      | <4.6       | <4.5       | <4.5       | <4.4       | <4.3       | <4.7       |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L  | <4.4       | <4.6      | <4.6       | <4.5       | <4.5       | <4.4       | <4.3       | <4.7       |

Notes:

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- PFAS per- and poly-fluoroalkyl substances
- ng/L nanograms per liter
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Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial

| Analytical Method | Analyte  | Regulatory Limit | Sample Location<br>Sample Date | PW-220     |            | PW-221   | PW-222     | PW-223    | PW-224     | PW-226    |
|-------------------|--|------------------|--------------------------------|------------|------------|----------|------------|-----------|------------|-----------|
|                   |  |                  |                                | 11/29/2022 | 11/29/2022 | 2/1/2023 | 12/15/2022 | 12/1/2022 | 11/22/2022 | 12/1/2022 |
|                   |  |                  | Units                          |            |            |          |            |           |            |           |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70‡              | ng/L                           | <1.8       | <2.0       | 0.57J    | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                           | <1.8       | <2.0       | 1.1J     | <16        | <1.9      | <1.8       | <1.8      |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                           | <3.7       | <3.9       | <3.7     | <33        | <3.8      | <3.7       | <3.7      |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                           | <1.8       | <2.0       | 1.7J     | 3.4J       | <1.9      | 0.22J      | <1.8      |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                           | <1.8       | <2.0       | 0.52J    | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                           | <1.8       | <2.0       | 10       | 18         | 0.61J     | <1.8       | <1.8      |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                           | <1.8       | <2.0       | <1.9     | <16        | <1.9      | <1.8       | <1.8      |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                           | <4.6       | <4.9       | <4.6J*   | <41        | <4.7      | <4.6       | <4.6      |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L                           | <4.6       | <4.9       | <4.6J*   | <41        | <4.7      | <4.6       | <4.6      |

Notes:

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**Table 1 — Anchorage Airport Water Supply Well PFAS Results - Initial**

| Analytical Method | Analyte  | Regulatory Limit | Sample Location<br>Sample Date<br>Units | PW-228    |           | PW-229   |
|-------------------|--|------------------|---|-----------|-----------|----------|
|                   |  |                  |   | 12/9/2022 | 12/9/2022 | 1/6/2023 |
| EPA 537(Mod)      | Perfluorooctanesulfonic acid (PFOS)                                | 70†              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorooctanoic acid (PFOA)                                      | 70‡              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Hexafluoropropylene oxide dimer acid (HFPO-DA)                     | 10†              | ng/L                                    | <3.3      | <3.4      | <3.7     |
|                   | Perfluorobutanesulfonic acid (PFBS)                                | 2,000†           | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorodecanoic acid (PFDA)                                      | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorododecanoic acid (PFDoA)                                   | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluoroheptanoic acid (PFHpA)                                    | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorohexanesulfonic acid (PFHxS)                               | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorohexanoic acid (PFHxA)                                     | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorononanoic acid (PFNA)                                      | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorotetradecanoic acid (PFTeA)                                | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluorotridecanoic acid (PFTrDA)                                 | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | Perfluoroundecanoic acid (PFUnA)                                   | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)    | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | 4,8-Dioxa-3H-perfluorononanoic acid (DONA)                         | N/A              | ng/L                                    | <1.7      | <1.7      | <1.9     |
|                   | N-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)         | N/A              | ng/L                                    | <4.2      | <4.2      | <4.6     |
|                   | N-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)        | N/A              | ng/L                                    | <4.2      | <4.2      | <4.6     |

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