

Hillsborough County South-Central System UCMR 5 Quarter 3 (2024-01) Results

Client: Hillsborough Co Public Utilities Dept
 Project/Site: UCMR5: South Central

Job ID: 810-89976-1

Client Sample ID: Lithia WTP/POE

Lab Sample ID: 810-89976-1

Date Collected: 01/08/24 12:04

Matrix: Drinking Water

Date Received: 01/09/24 10:00

PWSID Number: FL6290787

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|--|---------|-----------|--------|------|---|----------------|----------------|---------|
| Perfluorobutanoic acid (PFBA) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoropentanoic acid (PFPeA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorohexanoic acid (PFHxA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoroheptanoic acid (PFHpA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorooctanoic acid (PFOA) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorononanoic acid (PFNA) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorodecanoic acid (PFDA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoroundecanoic acid (PFUnA) | <0.0020 | | 0.0020 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorododecanoic acid (PFDoA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorobutanesulfonic acid (PFBS) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoroheptanesulfonic acid (PFHpS) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluorooctanesulfonic acid (PFOS) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoropentanesulfonic acid (PFPeS) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| 9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid | <0.0020 | | 0.0020 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| 11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | <0.0200 | | 0.0200 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/12/24 23:59 | 1 |

Method: EPA 537.1 UCMR5 - Perfluorinated Alkyl Acids (LC/MS)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------|-----------|--------|------|---|----------------|----------------|---------|
| N-ethylperfluorooctanesulfonamidoac etic acid (NEtFOSAA) | <0.0047 | | 0.0047 | ug/L | | 01/10/24 07:02 | 01/11/24 08:08 | 1 |
| N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA) | <0.0056 | | 0.0056 | ug/L | | 01/10/24 07:02 | 01/11/24 08:08 | 1 |
| Perfluorotetradecanoic acid (PFTA) | <0.0075 | | 0.0075 | ug/L | | 01/10/24 07:02 | 01/11/24 08:08 | 1 |
| Perfluorotridecanoic acid (PFTrDA) | <0.0065 | | 0.0065 | ug/L | | 01/10/24 07:02 | 01/11/24 08:08 | 1 |

Method: EPA 200.7 UCMR5 - Metals (ICP)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|---|----------------|----------------|---------|
| Lithium | <9.00 | | 9.00 | ug/L | | 01/11/24 12:33 | 01/12/24 11:52 | 1 |

Hillsborough County South-Central System UCMR 5 Quarter 3 (2024-01) Results (Continued)

Client: Hillsborough Co Public Utilities Dept
 Project/Site: UCMR5: South Central

Job ID: 810-89980-1

Client Sample ID: South -Central WTP/Central POE

Lab Sample ID: 810-89980-1

Date Collected: 01/08/24 13:17

Matrix: Drinking Water

Date Received: 01/09/24 10:00

PWSID Number: FL6290787

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------|-----------|--------|------|---|----------------|----------------|---------|
| Perfluorobutanoic acid (PFBA) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoropentanoic acid (PFPeA) | 0.0081 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorohexanoic acid (PFHxA) | 0.0060 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoroheptanoic acid (PFHpA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorooctanoic acid (PFOA) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorononanoic acid (PFNA) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorodecanoic acid (PFDA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoroundecanoic acid (PFUnA) | <0.0020 | | 0.0020 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorododecanoic acid (PFDoA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| 4,8-Dioxo-3H-perfluorononanoic acid (ADONA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorobutanesulfonic acid (PFBS) | 0.0038 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorohexanesulfonic acid (PFHxS) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoroheptanesulfonic acid (PFHpS) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluorooctanesulfonic acid (PFOS) | 0.0044 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoropentanesulfonic acid (PFPeS) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| 9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid | <0.0020 | | 0.0020 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| 11-Chloroicosafafluoro-3-oxaundecan e-1-sulfonic acid | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | <0.0050 | | 0.0050 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Nonafluoro-3,6-dioxahexanoic acid (NFDHA) | <0.0200 | | 0.0200 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | <0.0040 | | 0.0040 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA) | <0.0030 | | 0.0030 | ug/L | | 01/12/24 10:13 | 01/13/24 00:13 | 1 |

Method: EPA 537.1 UCMR5 - Perfluorinated Alkyl Acids (LC/MS)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---------|-----------|--------|------|---|----------------|----------------|---------|
| N-ethylperfluorooctanesulfonamidoac etic acid (NEtFOSAA) | <0.0047 | | 0.0047 | ug/L | | 01/10/24 07:02 | 01/11/24 10:24 | 1 |
| N-methylperfluorooctanesulfonamidoac etic acid (NMeFOSAA) | <0.0056 | | 0.0056 | ug/L | | 01/10/24 07:02 | 01/11/24 10:24 | 1 |
| Perfluorotetradecanoic acid (PFTA) | <0.0075 | | 0.0075 | ug/L | | 01/10/24 07:02 | 01/11/24 10:24 | 1 |
| Perfluorotridecanoic acid (PFTTrDA) | <0.0066 | | 0.0066 | ug/L | | 01/10/24 07:02 | 01/11/24 10:24 | 1 |

Method: EPA 200.7 UCMR5 - Metals (ICP)

| Analyte | Result | Qualifier | RL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------|--------|-----------|------|------|---|----------------|----------------|---------|
| Lithium | <9.00 | | 9.00 | ug/L | | 01/11/24 12:33 | 01/12/24 11:58 | 1 |

