

Hillsborough County South-Central System UCMR 5 Quarter 4 (2024-04) Results

Client: Hillsborough Co Public Utilities Dept
 Project/Site: UCMR5: Lithia WTP

Job ID: 810-100844-1

Client Sample ID: Lithia WTP

Date Collected: 04/15/24 11:57

Date Received: 04/16/24 09:15

Lab Sample ID: 810-100844-1

Matrix: Drinking Water

PWSID Number: 6290787

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		04/19/24 08:39	04/20/24 15:38	1
Perfluoropentanoic acid (PFPeA)	0.0033		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorohexanoic acid (PFHxA)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorooctanoic acid (PFOA)	<0.0040		0.0040	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorononanoic acid (PFNA)	<0.0040		0.0040	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorodecanoic acid (PFDA)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.0020	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorododecanoic acid (PFDoA)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.0040	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.0040	ug/L		04/19/24 08:39	04/20/24 15:38	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.0050	ug/L		04/19/24 08:39	04/20/24 15:38	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0020		0.0020	ug/L		04/19/24 08:39	04/20/24 15:38	1
11-Chloroicosadecafluoro-3-oxaundecan e-1-sulfonic acid	<0.0050		0.0050	ug/L		04/19/24 08:39	04/20/24 15:38	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (8:2 FTS)	<0.0050		0.0050	ug/L		04/19/24 08:39	04/20/24 15:38	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0050		0.0050	ug/L		04/19/24 08:39	04/20/24 15:38	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	<0.0201		0.0201	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.0040	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<0.0030		0.0030	ug/L		04/19/24 08:39	04/20/24 15:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEFOSAA)	<0.0047		0.0047	ug/L		04/18/24 05:18	04/19/24 21:21	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0056		0.0056	ug/L		04/18/24 05:18	04/19/24 21:21	1
Perfluorotetradecanoic acid (PFTA)	<0.0075		0.0075	ug/L		04/18/24 05:18	04/19/24 21:21	1
Perfluorotridecanoic acid (PFTTrDA)	<0.0065		0.0065	ug/L		04/18/24 05:18	04/19/24 21:21	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		04/17/24 12:27	04/18/24 17:15	1

Hillsborough County South-Central System UCMR 5 Quarter 4 (2024-04) Results (continued)

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.0057		0.0049	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoropentanoic acid (PFPeA)	0.0079		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorohexanoic acid (PFHxA)	0.0058		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoroheptanoic acid (PFHpA)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorooctanoic acid (PFOA)	<0.0039		0.0039	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorononanoic acid (PFNA)	<0.0039		0.0039	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorodecanoic acid (PFDA)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.0020	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorododecanoic acid (PFDoA)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorobutanesulfonic acid (PFBS)	0.0045		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluorooctanesulfonic acid (PFOS)	0.0040		0.0039	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0039		0.0039	ug/L		04/19/24 08:39	04/20/24 15:11	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0049		0.0049	ug/L		04/19/24 08:39	04/20/24 15:11	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0020		0.0020	ug/L		04/19/24 08:39	04/20/24 15:11	1
11-Chloroicososafluoro-3-oxaundecan e-1-sulfonic acid	<0.0049		0.0049	ug/L		04/19/24 08:39	04/20/24 15:11	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.0049		0.0049	ug/L		04/19/24 08:39	04/20/24 15:11	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0049		0.0049	ug/L		04/19/24 08:39	04/20/24 15:11	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	<0.0197		0.0197	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0039		0.0039	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<0.0029		0.0029	ug/L		04/19/24 08:39	04/20/24 15:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.0047		0.0047	ug/L		04/18/24 05:18	04/19/24 20:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0056		0.0056	ug/L		04/18/24 05:18	04/19/24 20:55	1
Perfluorotetradecanoic acid (PFTA)	<0.0075		0.0075	ug/L		04/18/24 05:18	04/19/24 20:55	1
Perfluorotridecanoic acid (PFTrDA)	<0.0066		0.0066	ug/L		04/18/24 05:18	04/19/24 20:55	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		04/17/24 12:27	04/18/24 17:11	1