

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

Client: Hillsborough Co Public Utilities Dept
 Project/Site: UCMR5: Northwest

Job ID: 810-89971-1

Client Sample ID: Farmridge WTP/

Lab Sample ID: 810-89971-1

Date Collected: 01/08/24 09:20

Matrix: Drinking Water

Date Received: 01/09/24 10:00

PWSID Number: FL6290388

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 23:19	1
Perfluoropentanoic acid (PFPeA)	0.0039		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorohexanoic acid (PFHxA)	0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorooctanoic acid (PFOA)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorononanoic acid (PFNA)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorodecanoic acid (PFDA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.0020	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorododecanoic acid (PFDoA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:19	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.0050	ug/L		01/12/24 10:13	01/12/24 23:19	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0020		0.0020	ug/L		01/12/24 10:13	01/12/24 23:19	1
11-Chloroeicosafuoro-3-oxaundecan e-1-sulfonic acid	<0.0050		0.0050	ug/L		01/12/24 10:13	01/12/24 23:19	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 23:19	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 23:19	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 23:19	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.0200		0.0200	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFESA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:19	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		01/10/24 07:02	01/11/24 09:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0056		0.0056	ug/L		01/10/24 07:02	01/11/24 09:41	1
Perfluorotetradecanoic acid (PFTA)	<0.0075		0.0075	ug/L		01/10/24 07:02	01/11/24 09:41	1
Perfluorotridecanoic acid (PFTrDA)	<0.0065		0.0065	ug/L		01/10/24 07:02	01/11/24 09:41	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 11:47	1

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

Client: Hillsborough Co Public Utilities Dept
 Project/Site: UCMR5: Northwest

Job ID: 810-89974-1

Client Sample ID: Lake WTP/POE

Lab Sample ID: 810-89974-1

Date Collected: 01/08/24 10:11

Matrix: Drinking Water

Date Received: 01/09/24 10:00

PWSID Number: FL6290388

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 23:46	1
Perfluoropentanoic acid (PFPeA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorohexanoic acid (PFHxA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorooctanoic acid (PFOA)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorononanoic acid (PFNA)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorodecanoic acid (PFDA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.0020	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorododecanoic acid (PFDoA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.0050	ug/L		01/12/24 10:13	01/12/24 23:46	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0020		0.0020	ug/L		01/12/24 10:13	01/12/24 23:46	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	<0.0050		0.0050	ug/L		01/12/24 10:13	01/12/24 23:46	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 23:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (8:2 FTS)	<0.0050		0.0050	ug/L		01/12/24 10:13	01/12/24 23:46	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 23:46	1
Nonafluoro-3,8-dioxaheptanoic acid (NFDHA)	<0.0200		0.0200	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.0040	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0030		0.0030	ug/L		01/12/24 10:13	01/12/24 23:46	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 09:52	1
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	<0.0057		0.0057	ug/L		01/10/24 07:02	01/11/24 09:52	1
Perfluorotetradecanoic acid (PFTA)	<0.0076		0.0076	ug/L		01/10/24 07:02	01/11/24 09:52	1
Perfluorotridecanoic acid (PFTrDA)	<0.0066		0.0066	ug/L		01/10/24 07:02	01/11/24 09:52	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 11:50	1