

# Hillsborough County Northwest System UCMR 5 Quarter 1 Results

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

Job ID: 810-69979-1

Client Sample ID: 00001/0388001/Fawnridge WTP

Lab Sample ID: 810-69979-1

Date Collected: 07/17/23 10:17

Matrix: Drinking Water

Date Received: 07/18/23 09:00

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		08/03/23 08:12	08/04/23 06:47	1
Perfluoropentanoic acid (PFPeA)	0.0036		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorohexanoic acid (PFHxA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorooctanoic acid (PFOA)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorononanoic acid (PFNA)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorodecanoic acid (PFDA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.0020	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorododecanoic acid (PFDoA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 06:47	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 06:47	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0020		0.0020	ug/L		08/03/23 08:12	08/04/23 06:47	1
11-Chloroicosadecafluoro-3-oxaundecan e-1-sulfonic acid	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 06:47	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 06:47	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 06:47	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<0.0200		0.0200	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 06:47	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)	<0.0050		0.0050	ug/L		07/24/23 08:59	07/27/23 09:28	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.0060		0.0060	ug/L		07/24/23 08:59	07/27/23 09:28	1
Perfluorotetradecanoic acid (PFTTA)	<0.0080		0.0080	ug/L		07/24/23 08:59	07/27/23 09:28	1
Perfluorotridecanoic acid (PFTrDA)	<0.0070		0.0070	ug/L		07/24/23 08:59	07/27/23 09:28	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		07/24/23 13:00	07/25/23 15:19	1

## Hillsborough County Northwest System UCMR 5 Quarter 1 Results (Continued)

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

Job ID: 810-69984-1

**Client Sample ID: Lake Park WTP**

**Lab Sample ID: 810-69984-1**

Date Collected: 07/17/23 09:22

Matrix: Drinking Water

Date Received: 07/18/23 09:00

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		08/03/23 08:12	08/04/23 07:42	1
Perfluoropentanoic acid (PFPeA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorohexanoic acid (PFHxA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluoroheptanoic acid (PFHpA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorooctanoic acid (PFOA)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorononanoic acid (PFNA)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorodecanoic acid (PFDA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluoroundecanoic acid (PFUnA)	<0.0020		0.0020	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorododecanoic acid (PFDoA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorobutanesulfonic acid (PFBS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorohexanesulfonic acid (PFHxS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluoroheptanesulfonic acid (PFHpS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluorooctanesulfonic acid (PFOS)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluoropentanesulfonic acid (PFPeS)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 07:42	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 07:42	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	<0.0020		0.0020	ug/L		08/03/23 08:12	08/04/23 07:42	1
11-Chloroeicosadecafluoro-3-oxaundecan e-1-sulfonic acid	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 07:42	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 07:42	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<0.0050		0.0050	ug/L		08/03/23 08:12	08/04/23 07:42	1
Nonafluoro-3,8-dioxaheptanoic acid (NFDHA)	<0.0200		0.0200	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<0.0040		0.0040	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<0.0030		0.0030	ug/L		08/03/23 08:12	08/04/23 07:42	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		07/24/23 08:59	07/27/23 09:50	1
N-methylperfluorooctanesulfonamidoa cetic acid (NMeFOSAA)	<0.0057		0.0057	ug/L		07/24/23 08:59	07/27/23 09:50	1
Perfluorotetradecanoic acid (PFTA)	<0.0076		0.0076	ug/L		07/24/23 08:59	07/27/23 09:50	1
Perfluorotridecanoic acid (PFTTrDA)	<0.0066		0.0066	ug/L		07/24/23 08:59	07/27/23 09:50	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		07/24/23 13:00	07/25/23 15:23	1