

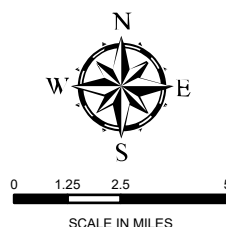
WATER SAMPLES:

Surface water samples were collected on August 16, 2023 at 7 locations downstream on Duck Creek. No samples had exceedances of the Texas Commission on Environmental Quality (TCEQ) water quality levels. No exceedance of the measured PFAS chemicals were found.

LEGEND

- Site Location
- Dam Location
- CTEH Surface Water Samples

SHERWIN-WILLIAMS PLANT FIRE RESPONSE SAMPLE LOCATION MAP 08/16/2023 OPERATIONS



For Official Use Only



Analyte	CAS.NO	Units	Active SL	TCEQ RBEL (Water + Fish)	NRWQC - Human Health Water + Organism	EPA SW Recreator	Residential GW May 2023 GWGWClass3	RSL 1.0 Tapwater 05/2023 MCL	Sample ID Date Type	GATX0816V010IN 8/16/2023 FD	GATX0816W003 8/16/2023 FS	GATX0816W004 8/16/2023 FS	GATX0816W005 8/16/2023 FS	GATX0816W006 8/16/2023 FS	GATX0816W008 8/16/2023 FS	GATX0816W009 8/16/2023 FS	GATX0816W010IN 8/16/2023 FS
Semi-Volatile Organic Compounds - 8270C																	
1,2,4-Trichlorobenzene	120-82-1	ug/L	0.07	0.07	0.071	41.8	7000	70	--	0.0698 U	0.0698 U	0.0698 U	0.0698 U	0.0698 U	0.0698 U	0.0698 U	0.0698 U
2,2-Oxybis(1-Chloropropane)	108-60-1	ug/L	200	200		9410	1300		--	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
2,4,6-Trichlorophenol	88-06-2	ug/L	15	15	1.5	88.8	2400		--	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
2,4-Dichlorophenol	120-83-2	ug/L	10	10	10	436	7300		--	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U
2,4-Dimethylphenol	105-67-9	ug/L	444	444	100	4440	49000		--	0.0636 U	0.0636 U	0.0636 U	0.0636 U	0.0636 U	0.0636 U	0.0636 U	0.0636 U
2,4-Dinitrophenol	51-28-5	ug/L	10	10		665	4900		--	5.93 U	5.93 U	5.93 U	5.93 U	5.93 U	5.93 U	5.93 U	5.93 U
2,4-Dinitrotoluene	121-14-2	ug/L	0.49	0.49		27.2	130		--	0.0983 U	0.0983 U	0.0983 U	0.0983 U	0.0983 U	0.0983 U	0.0983 U	0.0983 U
2,6-Dinitrotoluene	606-20-2	ug/L	5.32			5.32	130		--	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Chloronaphthalene	91-58-7	ug/L	800	800		4490	200000		--	0.0648 U	0.0648 U	0.0648 U	0.0648 U	0.0648 U	0.0648 U	0.0648 U	0.0648 U
2-Chlorophenol	95-57-8	ug/L	30	30	30	1240	12000		--	0.133 U	0.133 U	0.133 U	0.133 U	0.133 U	0.133 U	0.133 U	0.133 U
2-Nitrophenol	88-75-5	ug/L	4900				4900		--	0.117 U	0.117 U	0.117 U	0.117 U	0.117 U	0.117 U	0.117 U	0.117 U
3,3-Dichlorobenzidine	91-94-1	ug/L	0.79	0.79	0.049	7.56	200		--	0.212 U	0.212 U	0.212 U	0.212 U	0.212 U	0.212 U	0.212 U	0.212 U
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	2	2	2	23.8	240		--	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U	1.12 U
4-Bromophenyl-phenylether	101-55-3	ug/L	6.1				6.1		--	0.0877 U	0.0877 U	0.0877 U	0.0877 U	0.0877 U	0.0877 U	0.0877 U	0.0877 U
4-Chloro-3-methylphenol	59-50-7	ug/L	500	500	500	12600	12000		--	0.131 U	0.131 U	0.131 U	0.131 U	0.131 U	0.131 U	0.131 U	0.131 U
4-Chlorophenyl-phenylether	7005-72-3	ug/L	6.1				6.1		--	0.0926 U	0.0926 U	0.0926 U	0.0926 U	0.0926 U	0.0926 U	0.0926 U	0.0926 U
4-Nitrophenol	100-02-7	ug/L	4900				4900		--	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
Acenaphthene	83-32-9	ug/L	70	70	70	3140	150000		--	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U	0.0886 U
Acenaphthylene	208-96-8	ug/L	150000				150000		--	0.0921 U	0.0921 U	0.0921 U	0.0921 U	0.0921 U	0.0921 U	0.0921 U	0.0921 U
Anthracene	120-12-7	ug/L	1109	1109		8800	730000		--	0.0804 U	0.0804 U	0.0804 U	0.0804 U	0.0804 U	0.0804 U	0.0804 U	0.0804 U
Benzidine	92-87-5	ug/L	0.0015	0.0015	0.00014	0.00773	0.4		--	3.74 U	3.74 U	3.74 U	3.74 U	3.74 U	3.74 U	3.74 U	3.74 U
Benzo(a)anthracene	56-55-3	ug/L	0.024	0.024	0.0012	19.9	910		--	0.199 U	0.199 U	0.199 U	0.199 U	0.199 U	0.199 U	0.199 U	0.199 U
Benzo(a)pyrene	50-32-8	ug/L	0.0025	0.0025	0.00012	1.99	20	0.2	--	0.0381 U	0.0381 U	0.0381 U	0.0381 U	0.0381 U	0.0381 U	0.0381 U	0.0381 U
Benzo(b)fluoranthene	205-99-2	ug/L	0.012	0.012	0.0012	19.9	910		--	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Benzo(g,h,i)perylene	191-24-2	ug/L	73000				73000		--	0.121 U	0.121 U	0.121 U	0.121 U	0.121 U	0.121 U	0.121 U	0.121 U
Benzo(k)fluoranthene	207-08-9	ug/L	0.12	0.12	0.012	199	9100		--	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Benzylbutyl phthalate	85-68-7	ug/L	1	1	0.1	578	48000		--	0.765 U	0.765 U	0.765 U	0.765 U	0.765 U	0.765 U	0.765 U	0.765 U
Bis(2-chlorethoxy)methane	111-91-1	ug/L	1060			1060	83		--	0.116 U	0.116 U	0.116 U	0.116 U	0.116 U	0.116 U	0.116 U	0.116 U
Bis(2-chloroethyl)ether	111-44-4	ug/L	0.6	0.6	0.03	8.94	83		--	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U	0.137 U
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	6	6	0.32	831	600	6	--	0.895 U	1.25 J	1.17 J	0.895 U	0.895 U	0.895 U	0.895 U	0.895 U
Chrysene	218-01-9	ug/L	2.45	2.45	0.12	1990	91000		--	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Dibenz(a,h)anthracene	53-70-3	ug/L	0.0012	0.0012	0.00012	1.99	20		--	0.0644 U	0.0644 U	0.0644 U	0.0644 U	0.0644 U	0.0644 U	0.0644 U	0.0644 U
Diethyl phthalate	84-66-2	ug/L	600	600		221000	2000000		--	0.287 U	0.287 U	0.287 U	0.287 U	0.287 U	0.287 U	0.287 U	0.287 U
Dimethyl phthalate	131-11-3	ug/L	2000	2000	2000		2000000		--	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
Di-n-butyl phthalate	84-74-2	ug/L	88.9	88.9	20	5380	240000		--	0.453 U	0.453 U	0.453 U	0.453 U	0.453 U	0.453 U	0.453 U	0.453 U
Di-n-octyl phthalate	117-84-0	ug/L	3900			3900	24000		--	0.932 U	0.932 U	0.932 U	0.932 U	0.932 U	0.932 U	0.932 U	0.932 U
Fluoranthene	206-44-0	ug/L	20	20		15600	98000		--	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U	0.102 U
Fluorene	86-73-7	ug/L	50	50		1570	98000		--	0.0844 U	0.0844 U	0.0844 U	0.0844 U	0.0844 U	0.0844 U	0.0844 U	0.0844 U
Hexachloro-1,3-butadiene	87-68-3	ug/L	0.21	0.21	0.01	9.64	1200		--	0.0968 U	0.0968 U	0.0968 U	0.0968 U	0.0968 U	0.0968 U	0.0968 U	0.0968 U
Hexachlorobenzene*	118-74-1	ug/L	0.00068	0.00068	0.000079	3.9	100	1	--	0.0755 U	0.0755 U	0.0755 U	0.0755 U	0.0755 U	0.0755 U	0.0755 U	0.0755 U
Hexachlorocyclopentadiene	77-47-4	ug/L	10.7	10.7	4	148	5000	50	--	0.0598 U	0.0598 U	0.0598 U	0.0598 U	0.0598 U	0.0598 U	0.0598 U	0.0598 U
Hexachloroethane	67-72-1	ug/L	1.84	1.84	0.1	36.1	1700		--	0.127 U	0.127 U	0.127 U	0.127 U	0.127 U	0.127 U	0.127 U	0.127 U
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.012	0.012	0.0012	19.9	910		--	0.279 U	0.279 U	0.279 U	0.279 U	0.279 U	0.279 U	0.279 U	0.279 U
Isophorone	78-59-1	ug/L	340	340	34	9030	96000		--	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
Naphthalene*	91-20-3	ug/L	18.6			18.6	49000		--	0.159 U	0.159 U	0.159 U	0.159 U	0.159 U	0.159 U	0.159 U	0.159 U
Nitrobenzene	98-95-3	ug/L	45.7	45.7	10	565	4900		--	0.297 U	0.297 U	0.297 U	0.297 U	0.297 U	0.297 U	0.297 U	0.297 U
n-Nitrosodimethylamine	62-75-9	ug/L	0.0069	0.0069	0.00069	0.0383	1.8		--	0.998 U	0.998 U	0.998 U	0.998 U	0.998 U	0.998 U	0.998 U	0.998 U
n-Nitrosodi-n-propylamine	621-64-7	ug/L	0.05	0.05	0.005	1.35	13		--	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U	0.261 U
n-Nitrosodiphenylamine	86-30-6	ug/L	33	33	3.3	812	19000		--	2.37 U	2.37 U	2.37 U	2.37 U	2.37 U	2.37 U	2.37 U	2.37 U
Pentachlorophenol	87-86-5	ug/L	0.22	0.22	0.03	1.19	100	1	--	0.313 U	0.313 U	0.313 U	0.313 U	0.313 U	0.313 U	0.313 U	0.313 U
Phenanthrene	85-01-8	ug/L	73000				73000		--	0.112 U	0.112 U	0.112 U	0.112 U	0.112 U	0.112 U	0.112 U	0.112 U
Phenol	108-95-2	ug/L	4000	4000	4000	91300	730000		--	4.33 U	4.33 U	4.33 U	4.33 U	4.33 U	4.33 U	4.33 U	4.33 U
Pyrene	129-00-0	ug/L	20	20		549	73000		--	0.107 U	0.107 U	0.107 U	0.107 U	0.107 U	0.107 U	0.107 U	0.107 U
Total Petroleum Hydrocarbons - TCEQ Method 1005																	
TPH C12 - C28	TPH C12 - C28	ug/L	98000				98000		--	600 U	600 U	600 U	600 U	600 U	600 U	600 U	600 U
TPH C28 - C35	TPH C28 - C35	ug/L	98000				98000		--	600 U	600 U	600 U	600 U	600 U	600 U	600 U	600 U
TPH C6 - C12	TPH C6 - C12	ug/L	98000				98000		--	600 U	600 U	600 U	600 U	600 U	600 U	600 U	600 U



Analyte	CAS.NO	Units	Active SL	TCEQ RBEL (Water + Fish)	NRWQC - Human Health Water + Organism	EPA SW Recreator	Residential GW May 2023 GWGWClass3	RSL 1.0 Tapwater 05/2023 MCL	Sample ID Date Type	GATX0816V010IN 8/16/2023 FD	GATX0816W003 8/16/2023 FS	GATX0816W004 8/16/2023 FS	GATX0816W005 8/16/2023 FS	GATX0816W006 8/16/2023 FS	GATX0816W008 8/16/2023 FS	GATX0816W009 8/16/2023 FS	GATX0816W010IN 8/16/2023 FS
Toluene*	108-88-3	ug/L	1000	1000	57	10700	100000	1000	--	0.278 U	0.278 U	0.278 U	0.278 U	0.278 U	0.278 U	0.278 U	0.278 U
trans-1,2-Dichloroethene	156-60-5	ug/L	100	100	100	4560	10000	100	--	0.149 U	0.149 U	0.149 U	0.149 U	0.149 U	0.149 U	0.149 U	0.149 U
trans-1,3-Dichloropropene	10061-02-6	ug/L	910				910		--	0.118 U	0.118 U	0.118 U	0.118 U	0.118 U	0.118 U	0.118 U	0.118 U
trans-1,4-Dichloro-2-butene	110-57-6	ug/L							--	0.467 UC3	0.467 UC3	0.467 UC3	0.467 UC3	0.467 UC3	0.467 UC3	0.467 UC3	0.467 UC3
Trichloroethene	79-01-6	ug/L	5	5	0.6	63.5	500	5	--	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
Trichlorofluoromethane	75-69-4	ug/L	60600			60600	730000		--	0.16 UJ4	0.16 UJ4	0.16 UJ4	0.16 UJ4	0.16 UJ4	0.16 UJ4	0.16 UJ4	0.16 UJ4
Vinyl acetate	108-05-4	ug/L	354000			354000	2400000		--	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U	0.692 U
Vinyl chloride	75-01-4	ug/L	0.23	0.23	0.022	0.0383	200	2	--	0.234 U	0.234 U	0.234 U	0.234 U	0.234 U	0.234 U	0.234 U	0.234 U
m&p-Xylenes*	1330-20-7	ug/L	19100			19100	1000000	10000	--	0.174 U	0.174 U	0.174 U	0.174 U	0.174 U	0.174 U	0.174 U	0.174 U



PFAS

Analyte	CAS.NO	Units	Active SL	Residential GW May 2023 GWGWClass1	Residential GW May 2023 GWGWClass3	Sample ID Date Type	GATX0816V010INP 8/16/2023 Field Duplicate	GATX0816W003P 8/16/2023 Field Sample	GATX0816W004P 8/16/2023 Field Sample	GATX0816W005P 8/16/2023 Field Sample	GATX0816W006P 8/16/2023 Field Sample	GATX0816W008P 8/16/2023 Field Sample	GATX0816W009P 8/16/2023 Field Sample
PFAS - EPA 537 Mod													
10:2 FTS	120226-60-0	ug/L				--	0.004 U	0.0021 J	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
11CI-PF3OUdS	763051-92-9	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
4:2 FTS	757124-72-4	ug/L				--	0.004 U	0.0268	0.0017 J	0.0036 J	0.0039 U	0.0039 U	0.0039 U
6:2 FTS	27619-97-2	ug/L				--	0.236	8.33	1.64	2.97	0.194	0.183	0.213
8:2 FTS	39108-34-4	ug/L				--	0.004 U	0.0035 J	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
9CI-PF3ONS	756426-58-1	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
ADONA	919005-14-4	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
HFPO-DA	13252-13-6	ug/L				--	0.0198 U	0.021 U	0.0198 U	0.0195 U	0.0195 U	0.0193 U	0.0195 U
NETFOSA	4151-50-2	ug/L				--	0.0079 U	0.0084 U	0.0079 U	0.0078 U	0.0078 U	0.0077 U	0.0078 U
NETFOSAA	2991-50-6	ug/L				--	0.0079 U	0.0084 U	0.0079 U	0.0078 U	0.0078 U	0.0077 U	0.0078 U
NETFOSE	1691-99-2	ug/L				--	0.0079 U	0.0084 U	0.0079 U	0.0078 U	0.0078 U	0.0077 U	0.0078 U
NFDHA	151772-58-6	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
NMeFOSA	31506-32-8	ug/L				--	0.0079 U	0.0084 U	0.0079 U	0.0078 U	0.0078 U	0.0077 U	0.0078 U
NMeFOSAA	2355-31-9	ug/L				--	0.0011 J	0.0084 U	0.0014 J	0.0012 J	0.0078 U	0.00088 J	0.0078 U
NMeFOSE	24448-09-7	ug/L				--	0.0079 U	0.0084 U	0.0079 U	0.0078 U	0.0078 U	0.0077 U	0.0078 U
Perfluorobutanesulfonic acid	375-73-5	ug/L	34	34	3400	--	0.0078	0.0102	0.0074	0.0065	0.0064	0.0078	0.0075
Perfluorodecanoic acid	335-76-2	ug/L	0.37	0.37	37	--	0.0022 J	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0196	0.01
Perfluorododecanoic acid	307-55-1	ug/L	0.29	0.29	29	--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
Perfluoroheptanoic acid	375-85-9	ug/L	0.56	0.56	56	--	0.0072	0.0863	0.0075	0.0141	0.0052	0.0233	0.0196
Perfluorohexanesulfonic acid	355-46-4	ug/L	0.093	0.093	9.3	--	0.0082	0.0068	0.0031 J	0.0033 J	0.0028 J	0.0024 J	0.003 J
Perfluorohexanoic acid	307-24-4	ug/L	12	12	1200	--	0.038	1.69	0.112	0.21	0.0301	0.118	0.112
Perfluorononanoic acid	375-95-1	ug/L	0.29	0.29	29	--	0.0015 J	0.0021 J	0.004 U	0.0039 U	0.0039 U	0.0053	0.0038 J
Perfluorooctanesulfonic acid	1763-23-1	ug/L	0.56	0.56	56	--	0.011	0.0168	0.0048	0.0053	0.0043	0.005	0.0044
Perfluorooctanoic acid	335-67-1	ug/L	0.29	0.29	29	--	0.0142	0.0096	0.0054	0.0053	0.0051	0.0731	0.0675
Perfluorotetradecanoic acid	376-06-7	ug/L	0.29	0.29	29	--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
Perfluorotridecanoic acid	72629-94-8	ug/L	0.29	0.29	29	--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
Perfluoroundecanoic acid	2058-94-8	ug/L	0.29	0.29	29	--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFBA	375-22-4	ug/L	24	24	2400	--	0.0189	0.551	0.0376	0.0689	0.0104	0.0252	0.0207
PFDoS	79780-39-5	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFDS	335-77-3	ug/L	0.29	0.29	29	--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFEESA	113507-82-7	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFHpS	375-92-8	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFHxDA	67905-19-5	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFMBA	863090-89-5	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFMPA	377-73-1	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFNS	68259-12-1	ug/L				--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFOSA	754-91-6	ug/L	0.29	0.29	29	--	0.004 U	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
PFPeA	2706-90-3	ug/L	12	12	1200	--	0.049	1	0.0663	0.137	0.0295	0.175	0.161
PFPeS	2706-91-4	ug/L				--	0.001 J	0.0042 U	0.004 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U

