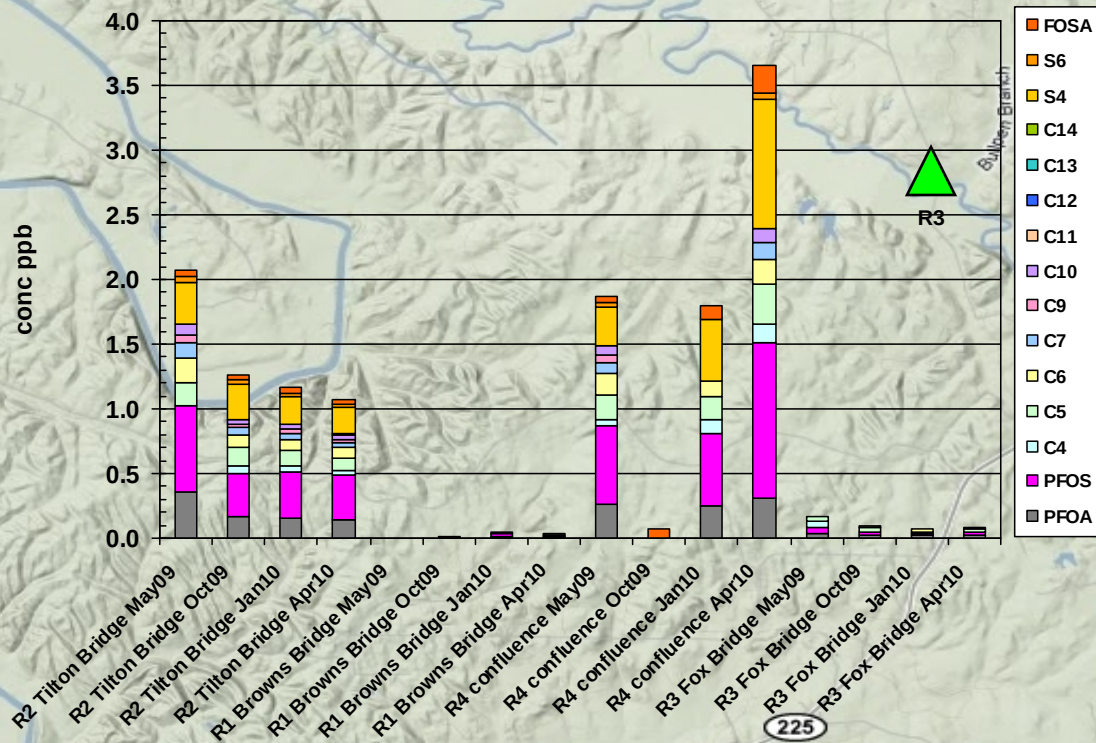


US EPA ARCHIVE DOCUMENT

Dalton Utilities Data Summary

Conasauga River
Land Application System soils
Land Application System groundwater
Sludge and Compost
Private Drinking Water Wells
Deer and Turkey Serum/Muscle/Liver
Industrial Users/Collection System

Dalton Water Samples of Conasauga River/Holly Creek

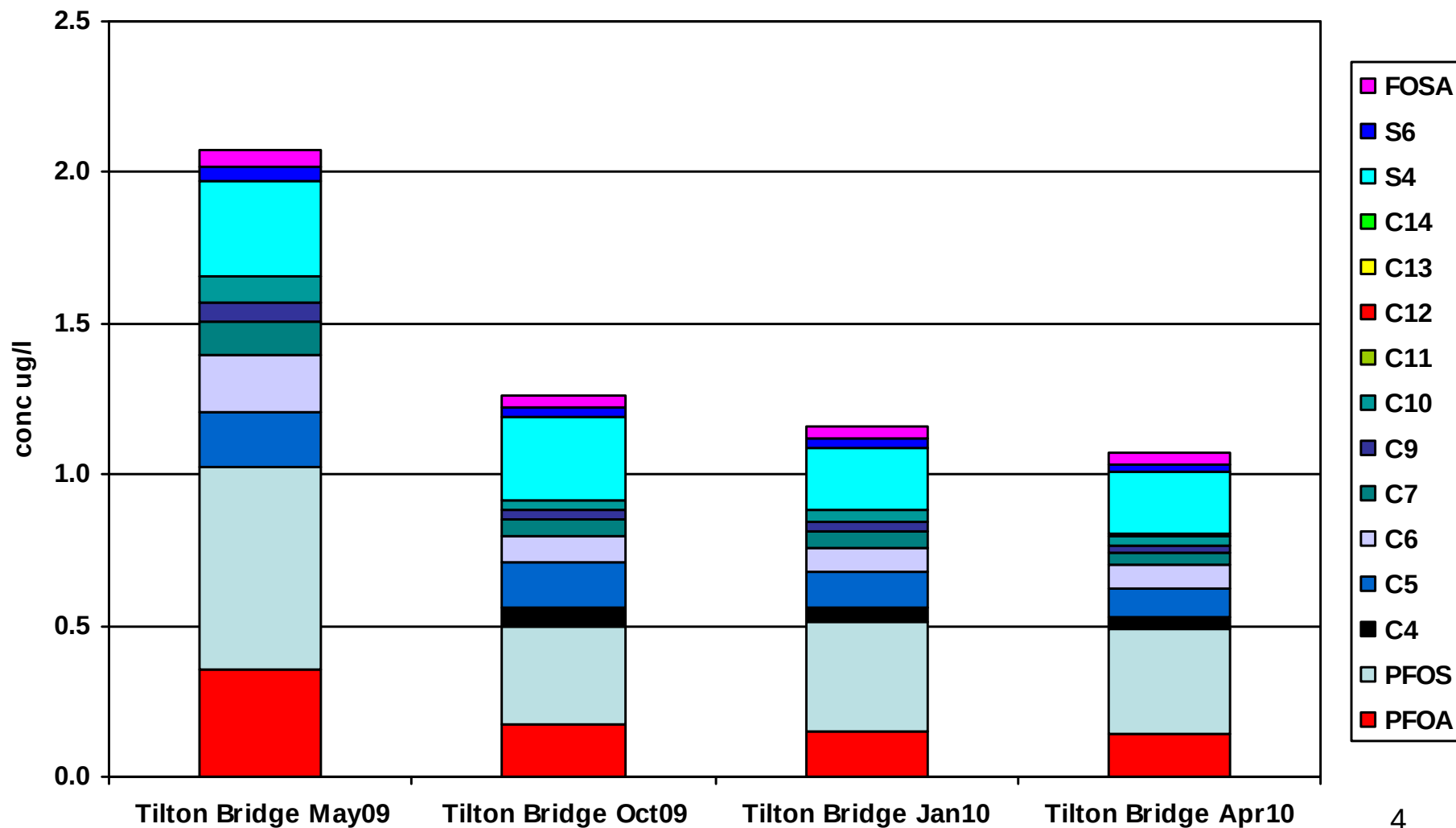


Dalton Water Samples of Conasauga River/Holly Creek

concentration units in ug/l (ppb)

	PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	FOSA
R2 Tilton Bridge May09	0.358	0.665	ND	0.184	0.188	0.112	0.0646	0.0807	ND	ND	ND	ND	0.319	0.0484	0.0575
R2 Tilton Bridge Oct09	0.17	0.33	0.057	0.15	0.091	0.055	0.027	0.032	ND	ND	ND	ND	0.28	0.029	0.037
R2 Tilton Bridge Jan10	0.15	0.36	0.048	0.12	0.082	0.051	0.029	0.042	ND	ND	ND	ND	0.21	0.029	0.04
R2 Tilton Bridge Apr10	0.14	0.35	0.036	0.096	0.076	0.046	0.02	0.033	0.011	ND	ND	ND	0.2	0.024	0.04
R1 Browns Bridge May09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
R1 Browns Bridge Oct09	ND	ND	ND	ND	0.0032	ND	ND	ND	ND	ND	ND	ND	0.0085	ND	ND
R1 Browns Bridge Jan10	0.013	0.019	ND	ND	0.0065	ND	ND	ND	ND	ND	ND	ND	0.01	ND	ND
R1 Browns Bridge Apr10	0.011	0.016	ND	ND	0.0047	ND	ND	ND	ND	ND	ND	ND	0.0088	ND	ND
R4 confluence May09	0.266	0.601	0.0468	0.195	0.17	0.0822	0.0504	0.0763	ND	ND	ND	ND	0.295	0.0368	0.0442
R4 confluence Oct09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.077
R4 confluence Jan10	0.25	0.56	0.11	0.17	0.13	ND	ND	ND	ND	ND	ND	ND	0.47	ND	0.11
R4 confluence Apr10	0.31	1.2	0.14	0.32	0.19	0.12	ND	0.11	ND	ND	ND	ND	1	0.055	0.21
R3 Fox Bridge May09	0.031	0.0477	0.0494	0.0386	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
R3 Fox Bridge Oct09	0.028	0.018	ND	0.033	0.021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
R3 Fox Bridge Jan10	0.018	0.018	ND	0.017	0.014	ND	ND	ND	ND	ND	ND	ND	0.0091	ND	ND
R3 Fox Bridge Apr10	0.022	0.023	ND	0.023	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Conasauga River Downstream of LAS at Tilton Bridge May09 - Apr10



Conasauga River Downstream of LAS at Tilton Bridge

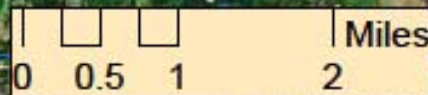
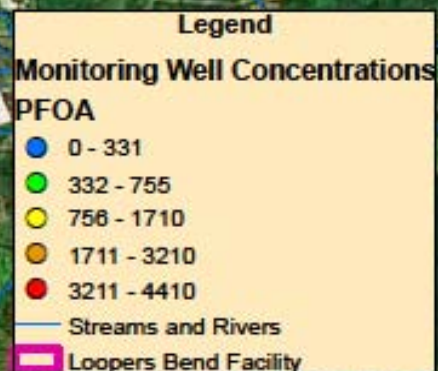
May09 - Apr10

concentration units in ug/l (ppb)

	PCA	PCS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S1	S6	PSA
Tilton Bridge May09	038	066	ND	018	018	012	006	003	ND	ND	ND	ND	039	008	055
Tilton Bridge Oct09	017	03	007	015	001	005	007	002	ND	ND	ND	ND	028	009	007
Tilton Bridge Jan10	015	03	008	012	002	005	009	002	ND	ND	ND	ND	021	009	004
Tilton Bridge Apr10	014	03	006	006	006	006	002	003	001	ND	ND	ND	02	004	004

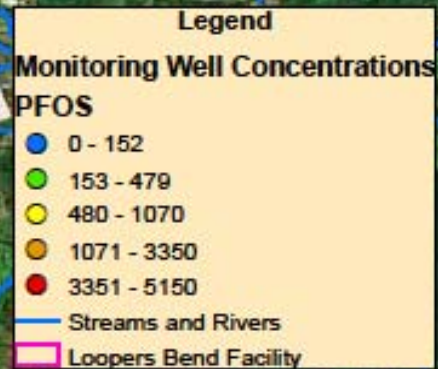
LOOPERS BEND MONITORING WELL PFOA

Samples Collected in June 2009
Values in PPT
Monitoring Well Construction and Depth Unknown



LOOPERS BEND MONITORING WELL PFOS

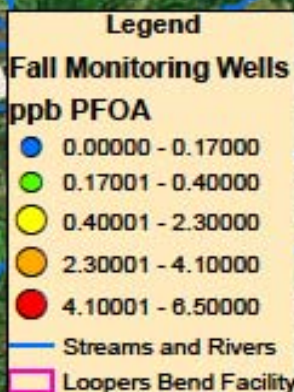
Samples Collected in June 2009
Values in PPT
Monitoring Well Construction and Depth Unknown



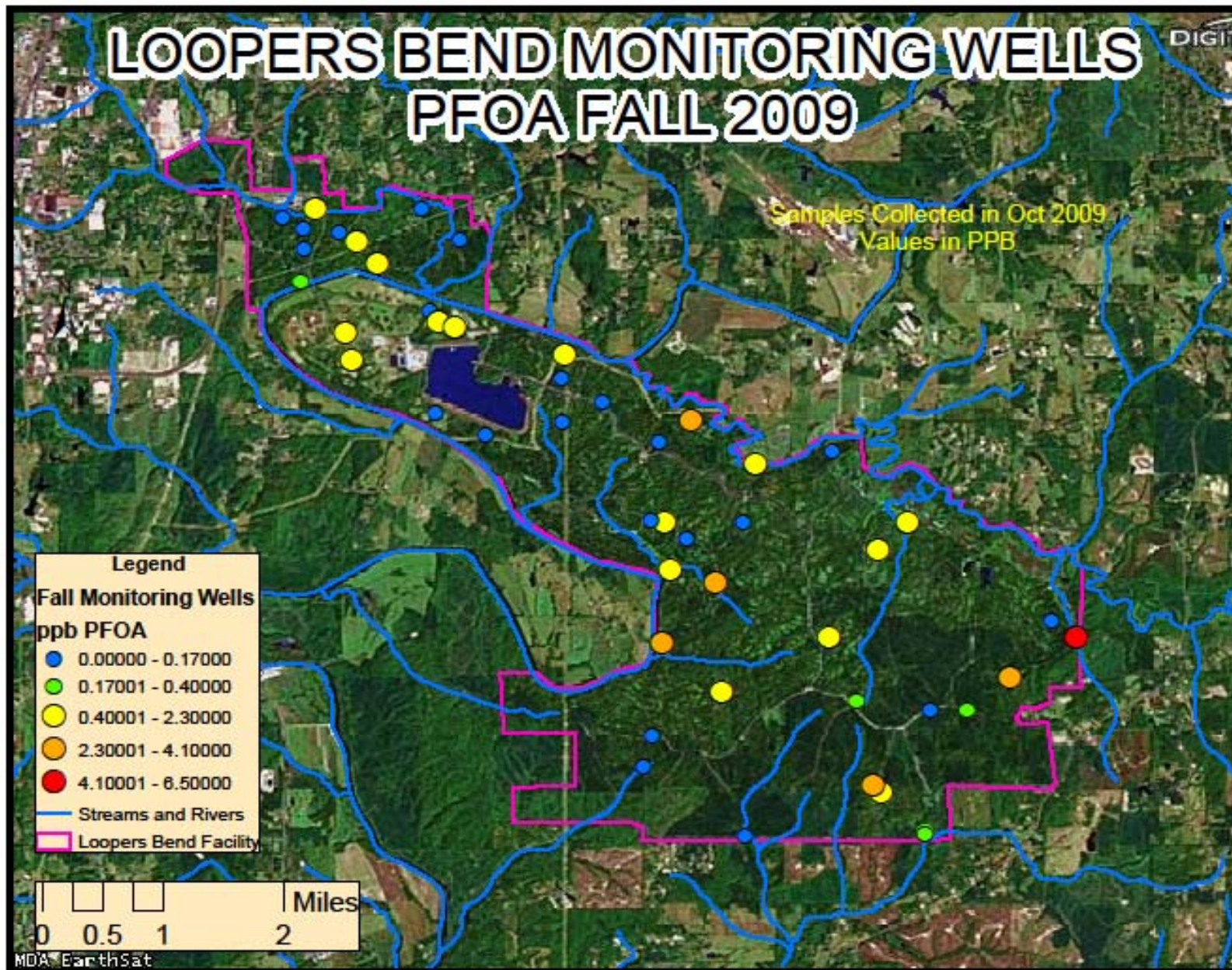
LOOPERS BEND MONITORING WELLS PFOA FALL 2009

DIGIT

Samples Collected in Oct 2009
Values in PPB



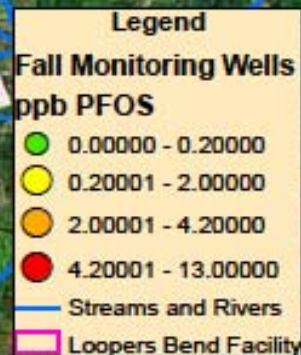
MDA EarthSat



LOOPERS BEND MONITORING WELLS PFOS FALL 2009

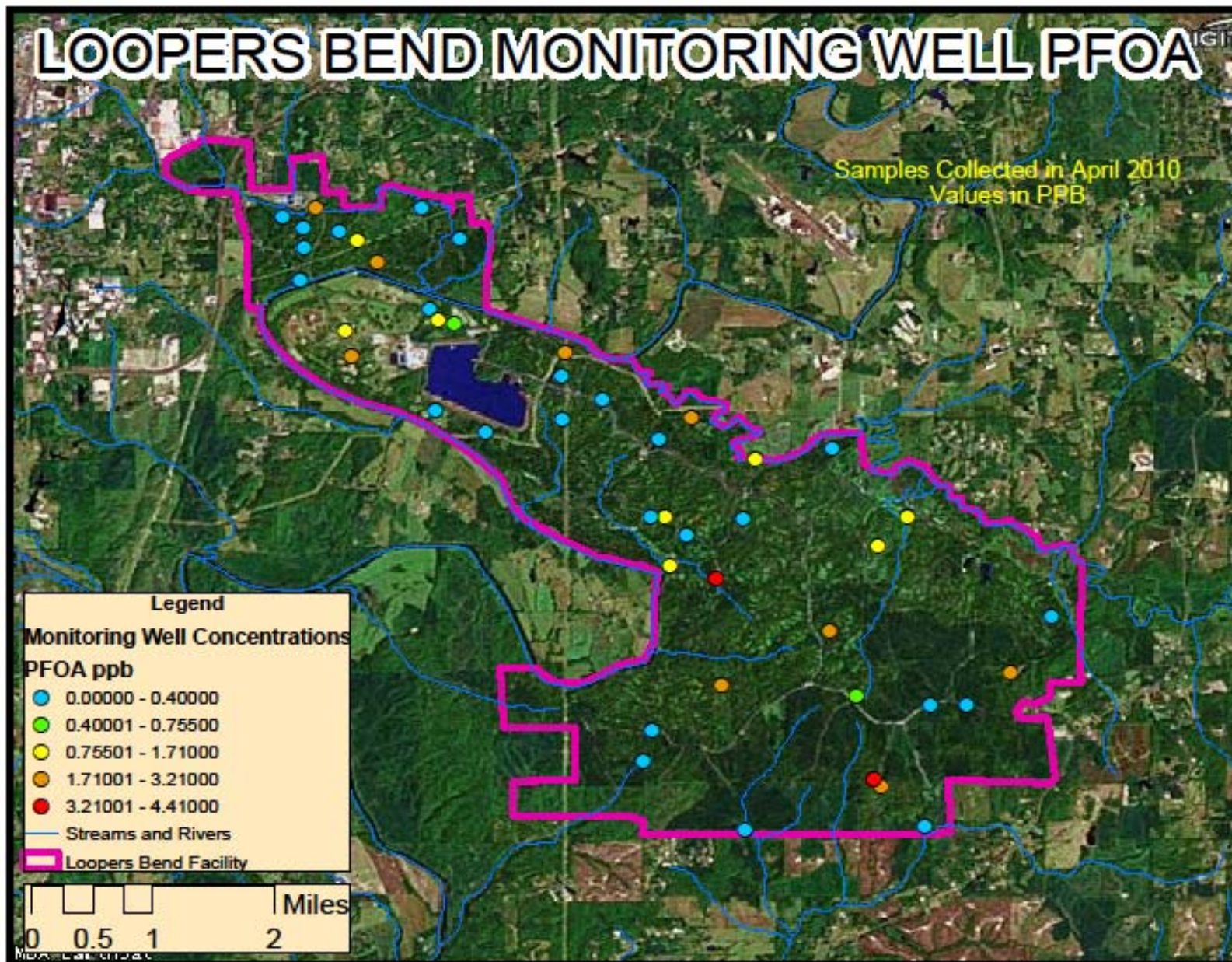
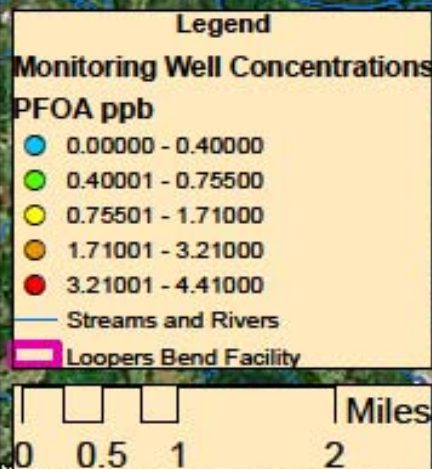
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Samples Collected in Oct 2009
Values in PPB



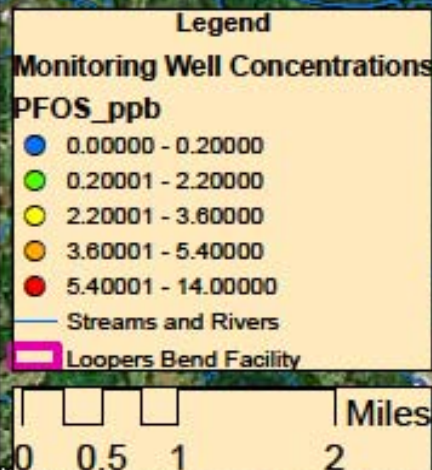
LOOPERS BEND MONITORING WELL PFOA

Samples Collected in April 2010
Values in PPB



LOOPERS BEND MONITORING WELL PFOS

Samples Collected in April 2010
Values in PPB



Dalton LAS Monitoring Wells 1/3

concentration units in ug/l (ppb)

Monitoring Well	PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	FOSA
MW21-D2 Oct09	0.560	1.000	0.160	0.390	0.280	0.200	ND	ND	ND	ND	ND	ND	0.440	0.100	0.100
MW21-D2 Jan10	0.750	1.400	0.240	0.560	0.420	0.260	0.150	0.094	ND	ND	ND	ND	0.770	0.190	0.089
MW21-D2 Apr10	1.800	3.600	0.360	1.200	0.820	0.690	ND	0.210	ND	ND	ND	ND	1.500	0.390	0.170
MW24-D1 Oct09	2.200	2.500	0.460	1.400	1.100	0.850	0.220	0.100	ND	ND	ND	ND	2.500	0.480	0.018
MW24-D1 Jan10	1.800	2.700	0.390	0.980	0.810	0.570	0.240	0.180	ND	ND	ND	ND	1.800	0.440	0.050
MW24-D1 Apr10	2.000	4.600	ND	0.880	0.660	0.710	ND	ND	ND	ND	ND	ND	1.100	0.480	0.160
MW9-M3 Oct09	ND	ND	0.042	0.120	0.041	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9-M3 Jan10	ND	ND	0.053	0.160	0.058	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW9-M3 Apr10	ND	ND	0.044	0.130	0.052	0.017	ND	ND	ND	ND	ND	ND	ND	ND	0.008
MW16A-M15 Oct09	3.400	4.200	0.990	1.700	1.500	1.400	1.000	0.510	ND	ND	ND	ND	7.400	0.420	0.015
MW16A-M15 Jan10	2.700	2.800	0.790	1.500	1.200	1.100	0.680	0.190	ND	ND	ND	ND	6.300	0.460	ND
MW16A-M15 Apr10	3.300	5.400	0.840	1.900	1.400	1.400	1.100	0.410	ND	ND	ND	ND	8.600	0.510	0.017
MW16-M5 Oct09	2.300	2.800	0.550	1.400	1.300	0.990	0.420	0.079	ND	ND	ND	ND	2.100	0.770	0.017
MW16-M5 Jan10	1.700	1.600	0.420	1.100	0.990	0.690	0.310	ND	ND	ND	ND	ND	1.600	0.580	0.025
MW16-M5 Apr10	2.300	3.100	0.420	1.400	1.200	0.920	0.410	ND	ND	ND	ND	ND	1.900	0.640	0.015
MW16B-D12 Oct09	0.260	ND	0.100	0.180	0.150	0.140	ND	0.012	ND	ND	ND	ND	0.460	ND	ND
MW16B-D12 Jan10	0.160	ND	0.082	0.130	0.110	0.081	ND	ND	ND	ND	ND	ND	0.350	ND	0.016
MW16B-D12 Apr10	0.170	0.280	0.083	0.150	0.100	0.084	ND	ND	ND	ND	ND	ND	0.330	ND	ND
MW17-D11 Oct09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW17-D11 Jan10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW17-D11 Apr10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW15A-M16 Oct09	0.360	ND	0.260	0.570	0.470	ND	ND	ND	ND	ND	ND	ND	0.840	ND	ND
MW15A-M16 Jan10	0.240	ND	0.190	0.420	0.340	0.180	ND	ND	ND	ND	ND	ND	0.720	ND	ND
MW15A-M16 Apr10	0.280	ND	0.300	0.530	0.410	0.230	ND	ND	ND	ND	ND	ND	0.790	0.070	ND
MW15-M17 Oct09	3.000	1.800	1.500	2.400	1.700	1.200	ND	0.320	ND	ND	ND	ND	13.000	ND	0.270
MW15-M17 Jan10	2.700	1.600	0.890	1.400	1.400	0.990	ND	0.400	ND	ND	ND	ND	6.100	ND	0.110
MW15-M17 Apr10	2.800	2.200	1.300	2.500	1.600	1.100	ND	0.550	ND	ND	ND	ND	13.000	ND	0.150
MW15B-D13 Oct09	6.500	13.000	0.830	2.800	2.400	2.300	ND	0.230	ND	ND	ND	ND	2.300	1.400	0.230
MW15B-D13 Jan10	6.300	9.900	0.700	2.300	2.200	1.900	ND	ND	ND	ND	ND	ND	1.400	2.000	0.120
MW15B-D13 Apr10	6.400	14.000	0.710	2.100	2.000	2.100	ND	ND	ND	ND	ND	ND	1.300	1.800	0.140
MW14B-D14 Oct09	1.600	1.100	0.650	1.400	1.100	0.800	ND	0.066	ND	ND	ND	ND	2.100	0.460	0.028
MW14B-D14 Jan10	1.100	0.770	0.630	0.960	0.770	0.510	ND	ND	ND	ND	ND	ND	1.400	0.320	0.019
MW14B-D14 Apr10	1.200	1.300	0.440	1.200	0.780	0.610	0.210	ND	ND	ND	ND	ND	1.600	0.330	0.016
MW14-M14 Oct09	1.800	0.530	0.640	2.500	1.900	1.100	ND	0.019	ND	ND	ND	ND	0.530	0.460	0.012
MW14-M14 Jan10	1.100	0.370	0.420	1.800	1.200	0.660	ND	ND	ND	ND	ND	ND	0.360	0.380	0.006
MW14-M14 Apr10	1.200	0.540	0.480	2.000	1.300	0.840	ND	ND	ND	ND	ND	ND	0.470	0.500	0.009

Dalton LAS Monitoring Wells 2/3

concentration units in ug/l (ppb)

Monitoring Well	PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	FOSA
MW19A-U3 Oct09	0.290	0.150	ND	0.340	0.270	0.190	ND	0.012	ND	ND	ND	ND	0.150	0.100	ND
MW19A-U3 Jan10	0.320	0.140	0.130	0.380	0.330	0.190	ND	ND	ND	ND	ND	ND	0.230	0.160	ND
MW19A-U3 Apr10	0.480	0.360	0.140	0.550	0.420	0.300	ND	ND	ND	ND	ND	ND	0.280	0.200	ND
MW14A-D5 Oct09	1.300	0.560	0.430	0.840	0.620	0.540	0.330	0.120	ND	ND	ND	ND	2.300	0.130	0.010
MW14A-D5 Jan10	1.500	0.880	0.580	1.000	0.820	0.570	0.430	0.150	ND	ND	ND	ND	3.200	0.200	0.015
MW14A-D5 Apr10	1.500	1.200	0.560	1.100	0.780	0.640	0.450	0.210	ND	ND	ND	ND	3.200	0.180	0.022
MW10-D4 Oct09	3.100	1.700	0.780	2.000	1.700	1.300	0.370	ND	ND	ND	ND	ND	4.000	0.780	0.008
MW10-D4 Jan10	3.000	2.200	0.710	1.800	1.700	1.200	0.410	ND	ND	ND	ND	ND	4.600	0.840	0.012
MW10-D4 Apr10	2.900	2.700	0.830	1.700	1.500	1.300	ND	ND	ND	ND	ND	ND	4.200	0.870	0.014
MW8-M12 Oct09	2.000	1.100	0.660	1.900	1.400	0.930	0.250	ND	ND	ND	ND	ND	1.300	0.390	0.026
MW8-M12 Jan10	1.300	0.870	0.490	1.500	0.960	0.590	0.210	ND	ND	ND	ND	ND	1.000	0.300	0.022
MW8-M12 Apr10	2.200	2.000	0.730	2.100	1.300	0.980	ND	ND	ND	ND	ND	ND	1.700	0.420	0.025
MW4-M8 Oct09	0.670	0.340	0.380	0.750	0.810	0.310	ND	ND	ND	ND	ND	ND	6.200	ND	ND
MW4-M8 Jan10	0.510	ND	0.310	0.520	0.630	ND	ND	ND	ND	ND	ND	ND	4.200	ND	ND
MW4-M8 Apr10	0.720	0.360	0.340	0.570	0.580	0.300	ND	ND	ND	ND	ND	ND	4.200	ND	ND
MW5-M7 Oct09	1.500	0.900	0.410	1.400	1.100	0.700	ND	0.120	ND	ND	ND	ND	0.430	0.270	ND
MW5-M7 Jan10	1.400	0.840	0.450	1.600	1.200	0.590	0.100	0.088	ND	ND	ND	ND	0.500	0.380	ND
MW5-M7 Apr10	1.500	0.920	0.440	1.800	1.300	0.790	ND	ND	ND	ND	ND	ND	0.460	0.400	ND
MW20-D3 Oct09	0.310	0.400	0.240	0.460	0.280	0.160	0.033	0.025	ND	ND	ND	ND	0.380	0.064	ND
MW20-D3 Jan10	0.170	ND	0.240	0.480	0.260	0.110	ND	ND	ND	ND	ND	ND	0.330	0.045	ND
MW20-D3 Apr10	0.170	ND	0.210	0.470	0.230	0.110	ND	ND	ND	ND	ND	ND	0.270	0.050	0.010
MW7A-U2 Oct09	1.800	ND	1.500	5.500	3.900	1.100	ND	ND	ND	ND	ND	ND	0.490	0.410	ND
MW7A-U2 Jan10	2.200	ND	1.400	5.300	3.400	0.940	ND	ND	ND	ND	ND	ND	0.480	0.530	0.050
MW7A-U2 Apr10	1.200	ND	1.600	5.700	3.300	0.900	ND	ND	ND	ND	ND	ND	0.380	0.280	ND
MW22-M1 May09	0.604	0.451	0.099	0.411	0.426	0.295	ND	ND	ND	ND	ND	ND	0.180	0.159	ND
MW22-M1 Oct09	0.460	0.340	0.110	0.340	0.250	0.200	ND	0.010	ND	ND	ND	ND	0.120	0.130	0.010
MW22-M1 Jan10	1.500	2.100	0.180	0.460	0.480	0.380	ND	ND	ND	ND	ND	ND	0.530	0.500	ND
MW22-M1 Apr10	0.910	1.300	ND	0.450	0.410	0.360	ND	ND	ND	ND	ND	ND	0.280	0.300	0.015
MW23-U1 May09	ND	ND	ND	0.028	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW23-U1 Oct09	0.016	ND	0.022	0.030	0.018	ND	ND	ND	ND	ND	ND	ND	0.021	ND	ND
MW23-U1 Jan10	0.025	0.015	0.030	0.036	0.031	0.013	ND	ND	ND	ND	ND	ND	0.038	0.008	ND
MW23-U1 Apr10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW12A-D7 Oct09	1.600	0.700	0.510	1.700	1.300	0.850	ND	ND	ND	ND	ND	ND	0.870	0.430	0.053
MW12A-D7 Jan10	1.500	0.870	0.480	1.700	1.300	0.720	ND	ND	ND	ND	ND	ND	0.910	0.500	0.059
MW12A-D7 Apr10	1.500	1.100	0.470	1.600	1.200	0.820	ND	ND	ND	ND	ND	ND	0.800	0.430	0.028
MW6-M2 May09	ND	ND	0.959	2.130	0.397	NQ	ND	ND	ND	ND	ND	ND	NQ	ND	ND
MW6-M2 Oct09	ND	ND	0.830	1.300	0.210	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW6-M2 Jan10	ND	ND	1.000	1.700	0.290	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW6-M2 Apr10	ND	ND	0.810	1.500	0.250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW1-M10 May09	ND	ND	ND	0.037	0.050	ND	ND	ND	ND	ND	ND	ND	0.145	ND	ND
MW1-M10 Oct09	0.039	ND	0.060	0.098	0.091	0.030	ND	ND	ND	ND	ND	ND	0.260	ND	ND
MW1-M10 Jan10	ND	0.051	0.020	0.018	0.011	ND	ND	ND	ND	ND	ND	ND	0.033	ND	0.015
MW1-M10 Apr10	0.040	0.018	0.036	0.035	0.029	0.018	ND	ND	ND	ND	ND	ND	0.140	ND	ND

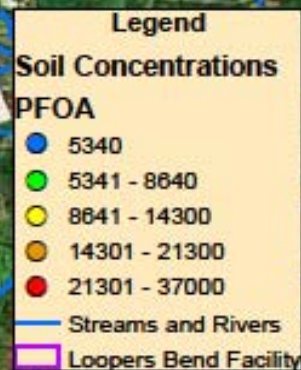
Dalton LAS Monitoring Wells 3/3

concentration units in ug/l (ppb)

Monitoring Well	PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	FOSA
MW3-M11 May09	0.287	0.152	0.173	0.427	0.574	0.154	0.031	ND	ND	ND	ND	ND	0.227	0.036	ND
MW3-M11 Oct09	0.140	ND	0.110	0.230	0.270	ND	ND	ND	ND	ND	ND	ND	0.110	ND	ND
MW3-M11 Jan10	0.120	0.052	0.120	0.240	0.270	0.059	0.026	0.012	ND	ND	ND	ND	0.075	0.016	0.013
MW3-M11 Apr10	0.130	ND	0.130	0.230	0.250	ND	ND	ND	ND	ND	ND	ND	0.084	ND	0.006
MW7-M9 May09	0.512	ND	1.010	4.580	2.440	0.564	ND	ND	ND	ND	ND	ND	0.282	0.108	ND
MW7-M9 Oct09	1.000	ND	1.900	6.900	3.500	0.850	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW7-M9 Jan10	0.340	ND	0.910	3.200	1.500	0.360	ND	ND	ND	ND	ND	ND	0.230	ND	ND
MW7-M9 Apr10	0.340	ND	0.600	2.700	1.100	0.360	ND	ND	ND	ND	ND	ND	0.230	ND	ND
MW13A-D8 Oct09	4.800	7.900	0.930	2.400	1.900	1.700	0.460	0.320	ND	ND	ND	ND	4.400	1.200	0.670
MW13A-D8 Jan10	5.900	7.500	1.000	2.700	2.400	2.100	ND	0.390	ND	ND	ND	ND	5.000	1.500	0.600
MW13A-D8 Apr10	5.900	9.800	0.930	2.800	2.200	2.200	ND	0.580	ND	ND	ND	ND	4.000	1.400	0.280
MW13-M13 May09	4.410	2.180	0.931	3.620	3.420	2.450	0.811	0.120	ND	ND	ND	ND	2.490	1.000	ND
MW13-M13 Oct09	3.300	1.600	0.930	2.500	2.300	1.500	0.540	ND	ND	ND	ND	ND	2.400	0.900	0.023
MW13-M13 Jan10	2.800	1.500	0.750	2.400	2.100	1.200	0.440	ND	ND	ND	ND	ND	2.200	0.890	0.029
MW13-M13 Apr10	3.500	2.400	0.930	2.900	2.300	1.800	0.590	ND	ND	ND	ND	ND	3.000	1.100	0.027
MW12-D6 May09	2.730	1.930	0.550	1.920	1.680	1.130	0.575	0.211	ND	ND	ND	ND	1.570	0.337	0.084
MW12-D6 Oct09	1.700	1.400	0.530	1.200	1.100	0.690	0.400	0.140	ND	ND	ND	ND	1.500	0.280	0.150
MW12-D6 Jan10	1.500	1.200	0.490	1.300	1.000	0.670	0.350	0.140	ND	ND	ND	ND	1.500	0.300	0.098
MW12-D6 Apr10	1.700	2.000	0.580	1.500	1.100	0.760	0.390	0.220	ND	ND	ND	ND	2.000	0.280	0.230
MW19-M4 May09	3.890	5.150	0.530	2.500	2.250	1.480	0.333	0.217	ND	ND	ND	ND	0.641	1.000	0.033
MW19-M4 Oct09	2.500	3.700	0.440	1.700	1.300	0.890	0.210	0.130	ND	ND	ND	ND	0.510	0.780	0.044
MW19-M4 Jan10	1.600	2.200	0.360	1.300	1.100	0.670	ND	ND	ND	ND	ND	ND	0.380	0.580	0.037
MW19-M4 Apr10	2.100	3.100	0.370	1.600	1.300	0.930	ND	ND	ND	ND	ND	ND	0.410	0.690	0.030
MW18-D9 May09	3.210	2.940	0.774	2.020	1.790	1.440	0.604	0.103	ND	ND	ND	ND	5.110	0.531	ND
MW18-D9 Oct09	2.300	1.800	0.780	1.600	1.400	1.100	ND	0.140	ND	ND	ND	ND	4.300	0.380	0.010
MW18-D9 Jan10	2.000	1.600	0.690	1.400	1.100	0.860	ND	ND	ND	ND	ND	ND	4.400	0.430	ND
MW18-D9 Apr10	1.800	2.000	0.580	1.300	1.000	0.840	ND	ND	ND	ND	ND	ND	3.900	0.390	0.007
MW17A-M6A May09	0.331	0.127	0.052	0.171	0.148	0.145	0.073	NQ	ND	ND	ND	ND	0.454	NQ	ND
MW17A-M6A Oct09	0.170	0.082	0.054	0.084	0.089	0.071	0.042	0.020	ND	ND	ND	ND	0.260	0.019	ND
MW17A-M6A Jan10	0.220	0.083	0.074	0.110	0.120	0.079	ND	ND	ND	ND	ND	ND	0.370	ND	ND
MW17A-M6A Apr10	0.180	0.080	ND	0.110	0.085	0.080	ND	ND	ND	ND	ND	ND	0.320	ND	ND

LOOPERS BEND SOILS PFOA

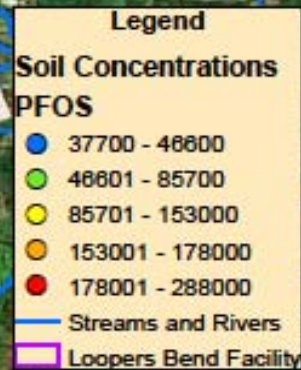
Samples Collected in June 2009
Values in PPT
Soils Collection Method and Depth Unknown



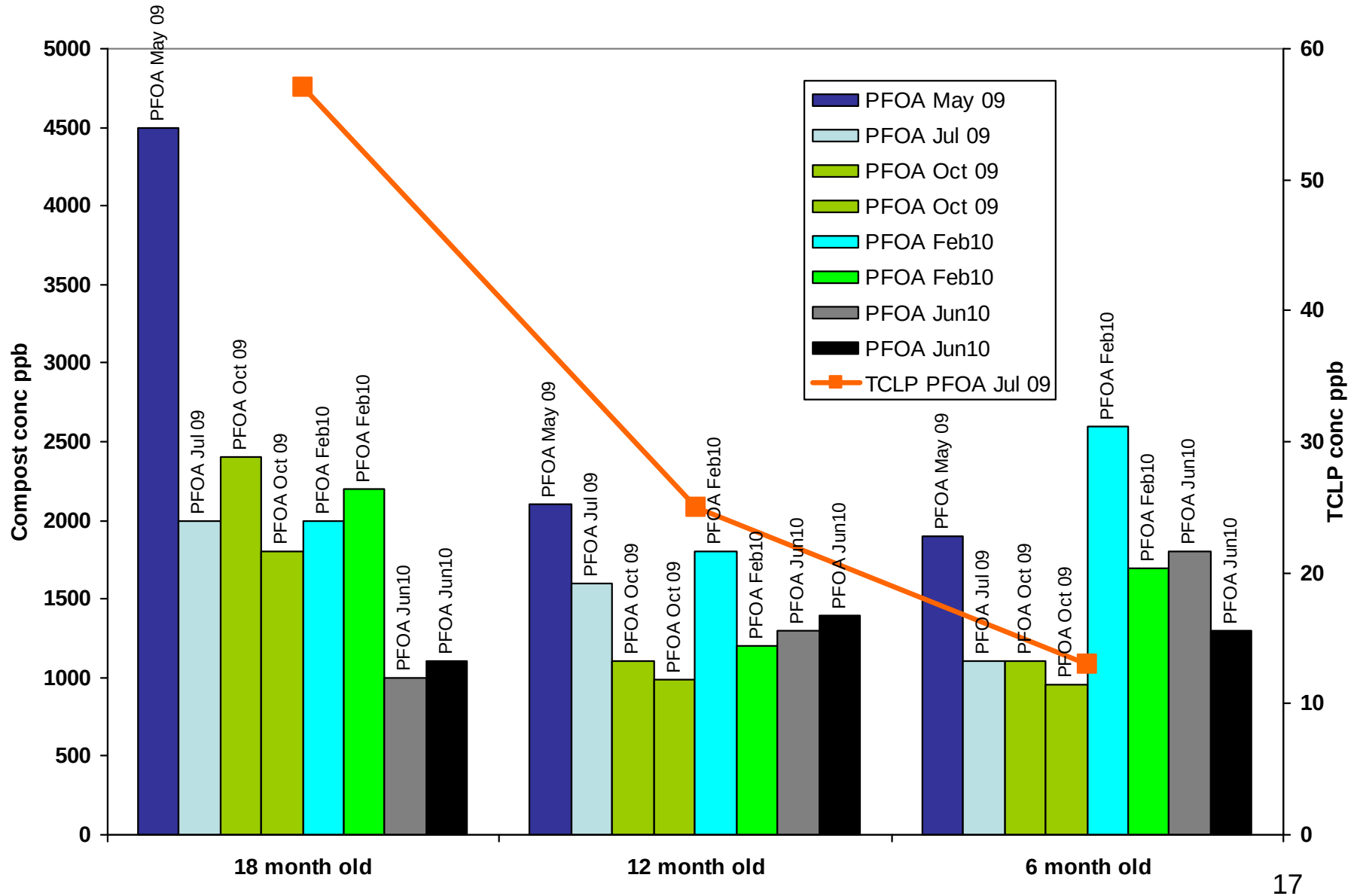
LOOPERS BEND SOILS PFOS

DIG

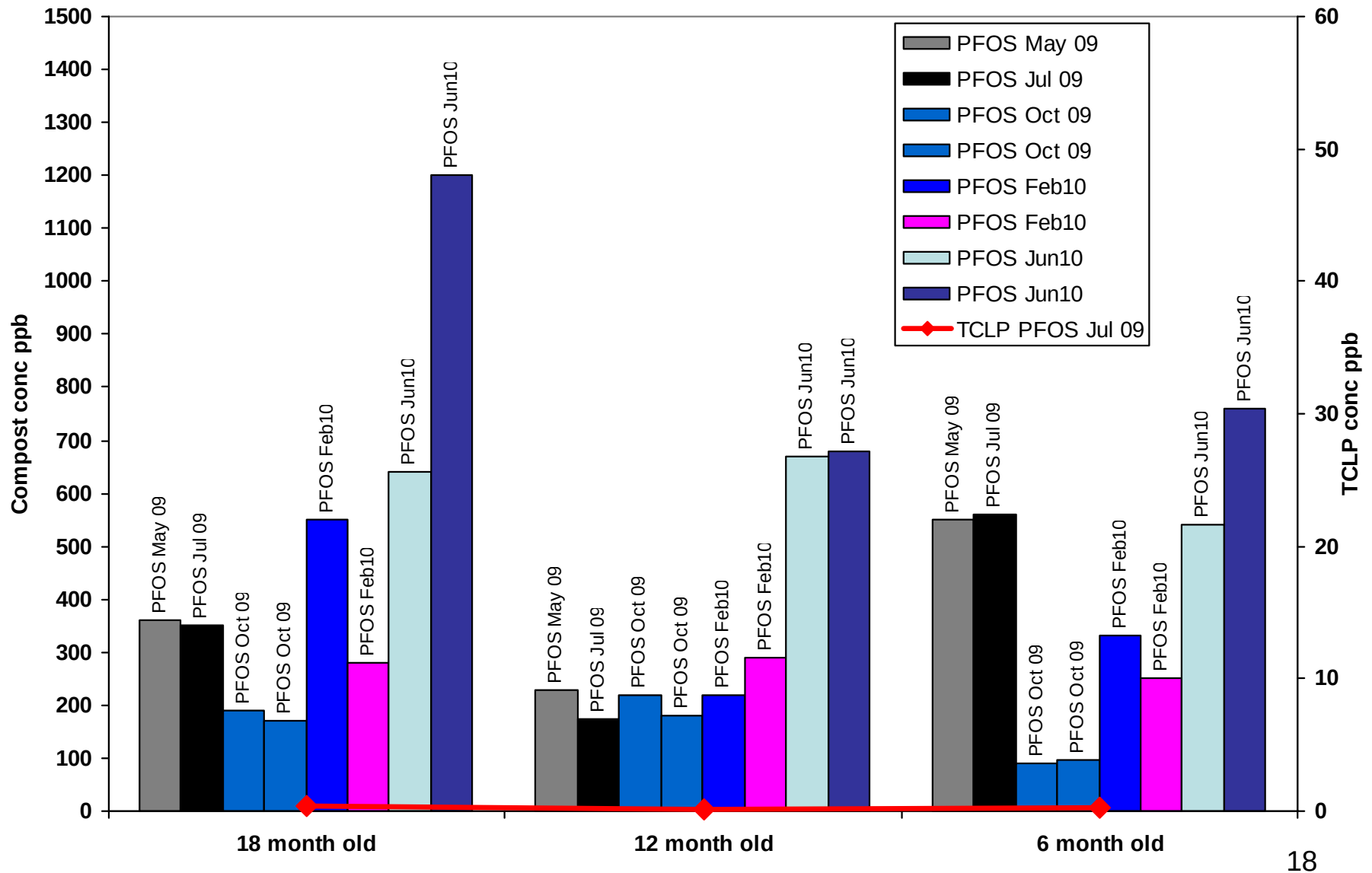
Samples Collected in June 2009
Values in PPT
Soil Sample Collection Method and Depth Unknown



Aged Compost PFOA Conc Over Time



Aged Compost PFOS Conc Over Time



Aged Compost PFOA and PFOS Concentrations Over Time

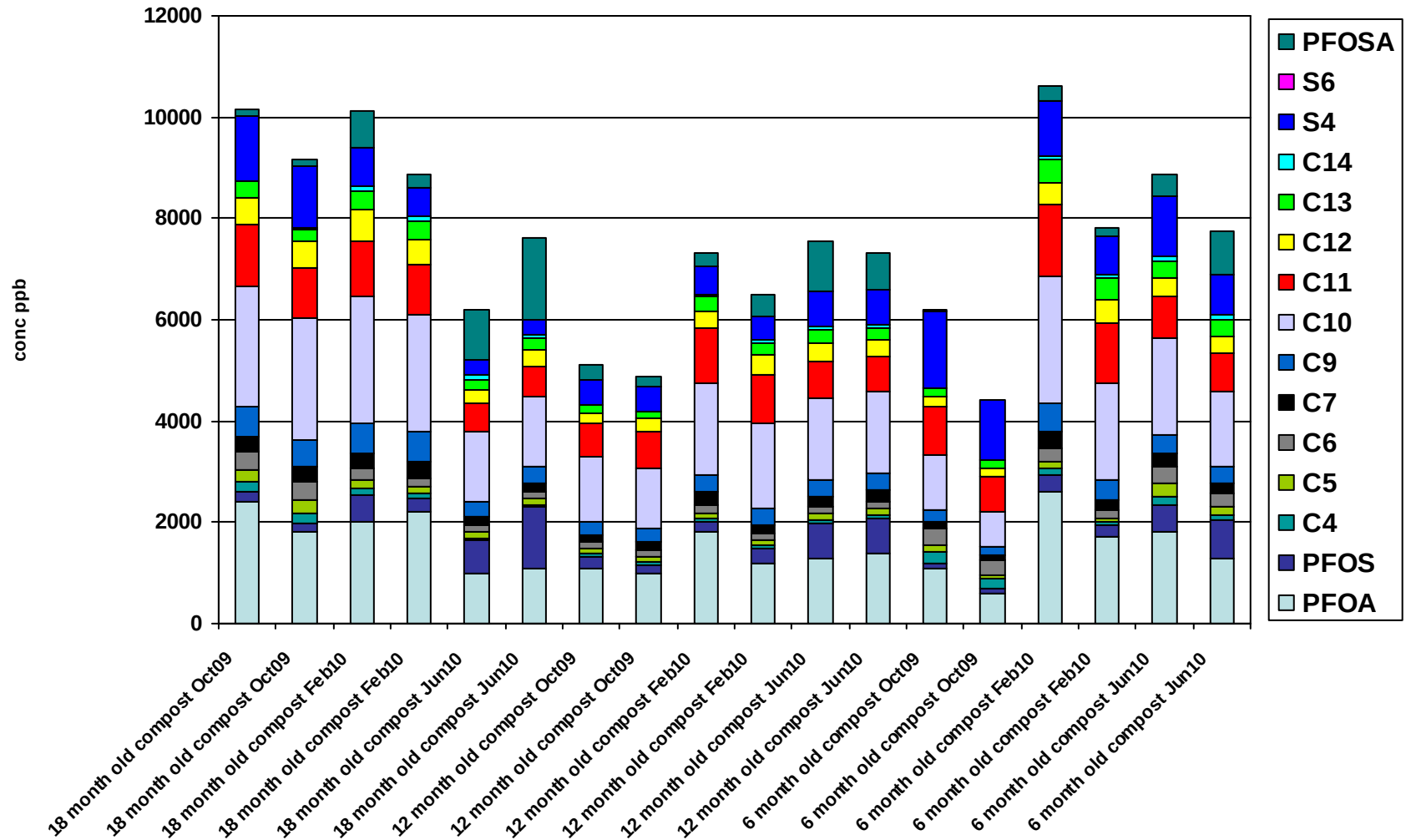
Solid concentration units in ug/kg (ppb) dry weight

TCLP concentration units in ug/l (ppb)

	PFOA May 09	PFOA Jul 09	PFOA Oct 09	PFOA Oct 09	PFOA Feb10	PFOA Feb10	PFOA Jun	PFOA Jun	TCLP PFOA Jul 09
18 month old	4500	2000	2400	1800	2000	2200	1000	1100	57
12 month old	2100	1600	1100	990	1800	1200	1300	1400	25
6 month old	1900	1100	1100	950	2600	1700	1800	1300	13

	PFOS May 09	PFOS Jul 09	PFOS Oct 09	PFOS Oct 09	PFOS Feb10	PFOS Feb10	PFOS Jun	PFOS Jun	TCLP PFOS Jul 09
18 month old	360	350	190	170	550	280	640	1200	0.41
12 month old	230	175	220	180	220	290	670	680	0.08
6 month old	550	560	89	97	330	250	540	760	0.26

Aged Compost Over Time

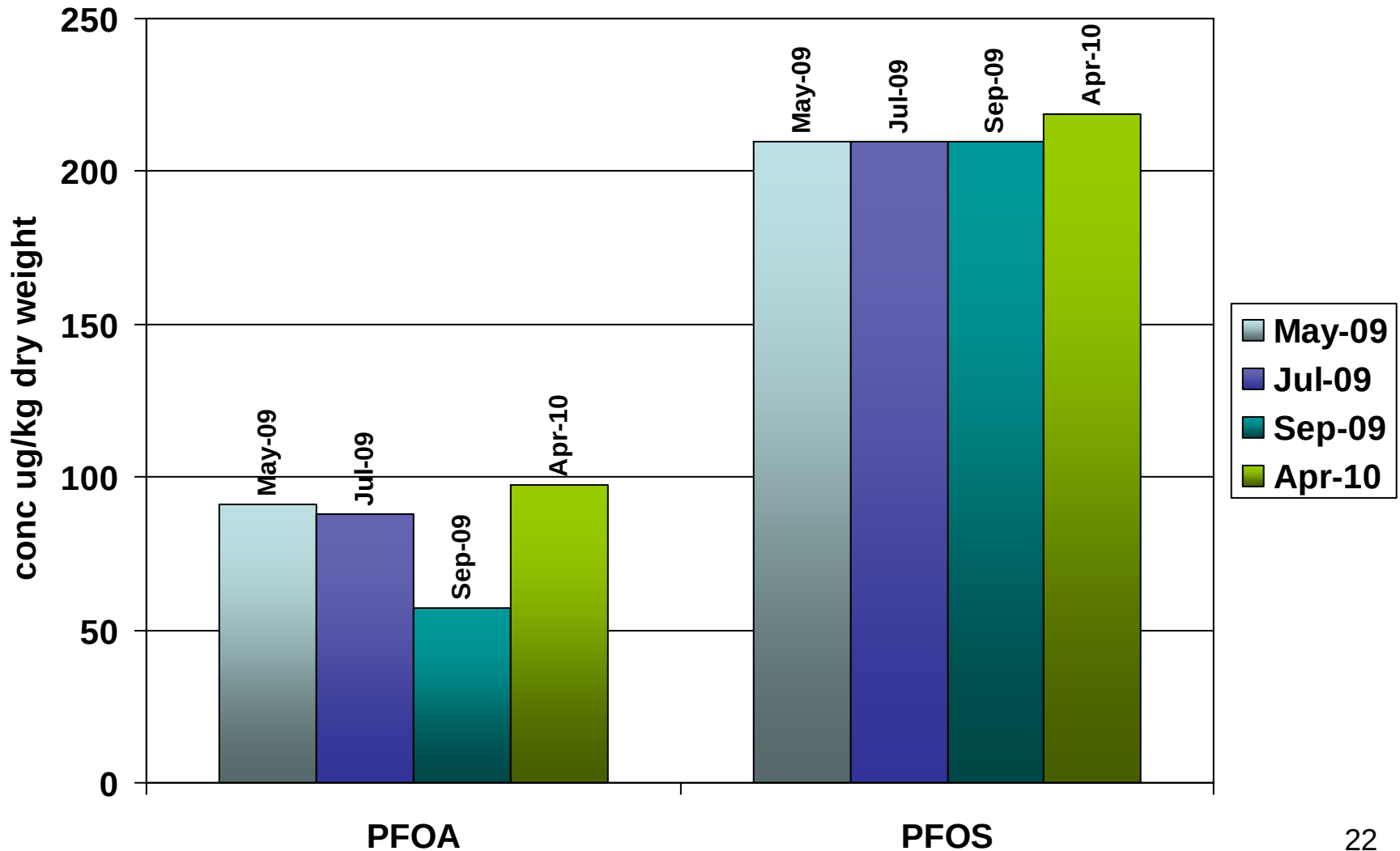


Aged Compost Over Time

Solid concentration units in ug/kg (ppb) dry weight

Sample Description	PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	PFOSA
18 month old compost Oct09	2400	190	200	250	350	310	570	2400	1200	550	310	ND	1300	ND	110
18 month old compost Oct09	1800	170	190	270	370	310	530	2400	990	520	230	46	1200	ND	140
18 month old compost Feb10	2000	550	110	170	230	310	580	2500	1100	620	380	99	750	ND	710
18 month old compost Feb10	2200	280	94	120	180	330	580	2300	1000	500	350	96	580	ND	270
18 month old compost Jun10	1000	640	34	140	140	170	280	1400	540	260	210	84	300	ND	1000
18 month old compost Jun10	1100	1200	45	140	130	170	300	1400	600	310	230	75	300	ND	1600
12 month old compost Oct09	1100	220	64	91	150	120	260	1300	650	210	160	ND	500	ND	270
12 month old compost Oct09	990	180	59	87	150	150	260	1200	710	270	140	ND	490	ND	190
12 month old compost Feb10	1800	220	70	90	170	240	360	1800	1100	300	300	51	560	ND	260
12 month old compost Feb10	1200	290	67	85	140	150	340	1700	940	390	240	69	440	ND	430
12 month old compost Jun10	1300	670	66	140	140	190	340	1600	740	350	260	81	670	ND	1000
12 month old compost Jun10	1400	680	69	130	140	210	340	1600	720	330	230	63	670	ND	730
6 month old compost Oct09	1100	89	220	140	330	140	210	1100	960	190	170	ND	1500	ND	49
6 month old compost Oct09	590	97	190	91	280	110	150	690	710	160	150	ND	1200	ND	ND
6 month old compost Feb10	2600	330	120	140	260	340	570	2500	1400	440	450	77	1100	ND	280
6 month old compost Feb10	1700	250	60	70	170	190	410	1900	1200	440	420	77	750	ND	190
6 month old compost Jun10	1800	540	170	250	350	250	380	1900	830	350	340	85	1200	ND	430
6 month old compost Jun10	1300	760	85	170	270	200	310	1500	740	320	350	97	780	ND	860

Dalton "Fresh Sludge" PFOA/PFOS Concentrations Over Time

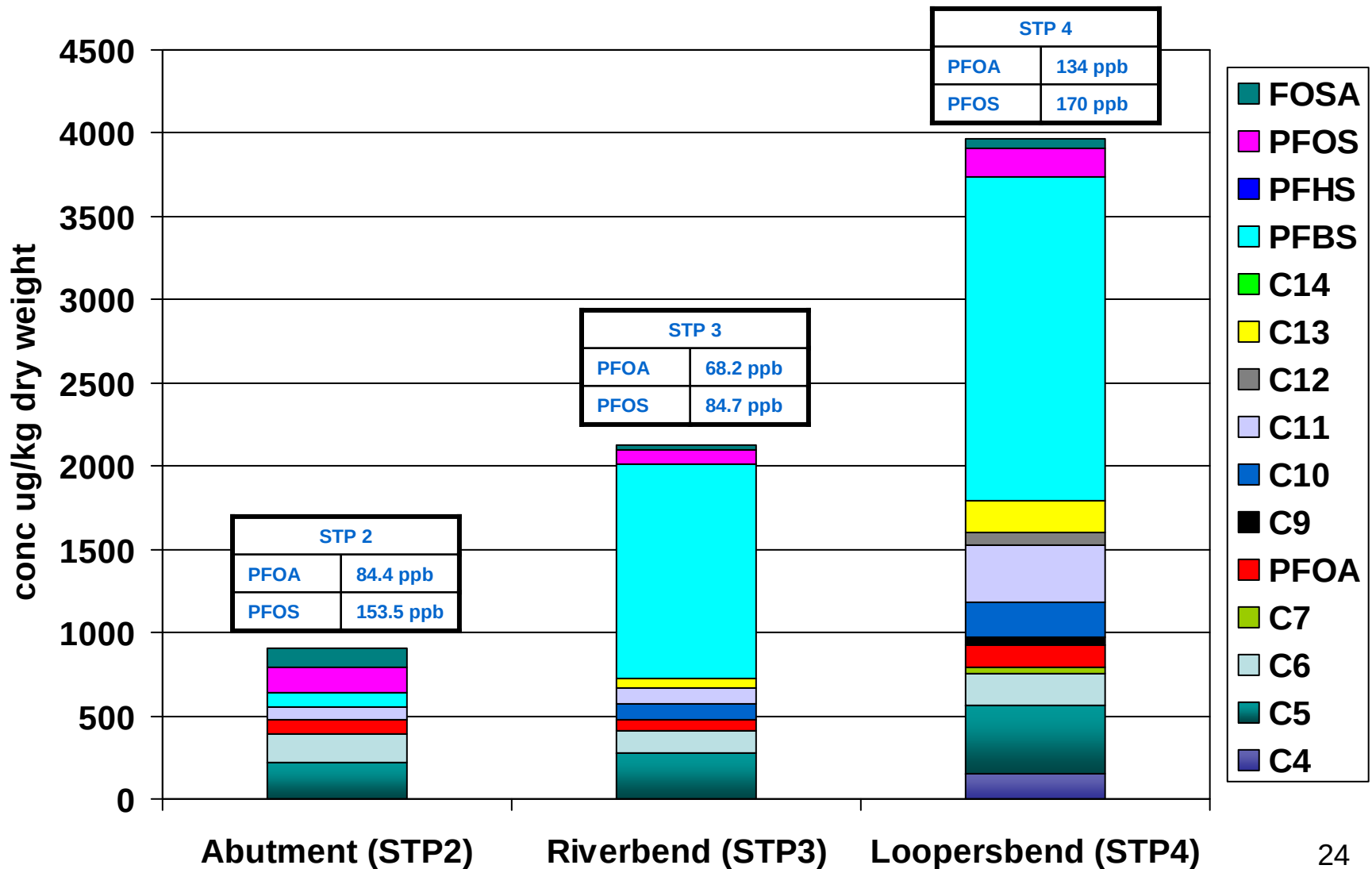


Dalton "Fresh Sludge" PFOA/PFOS Concentrations Over Time

Solid concentration units in ug/kg (ppb) dry weight

	PFOA	PFOS
May-09	91	210
Jul-09	88	210
Sep-09	57	210
Apr-10	97.2	219

Sludge PFCs Concentrations At Dalton STPs sampled May 2009

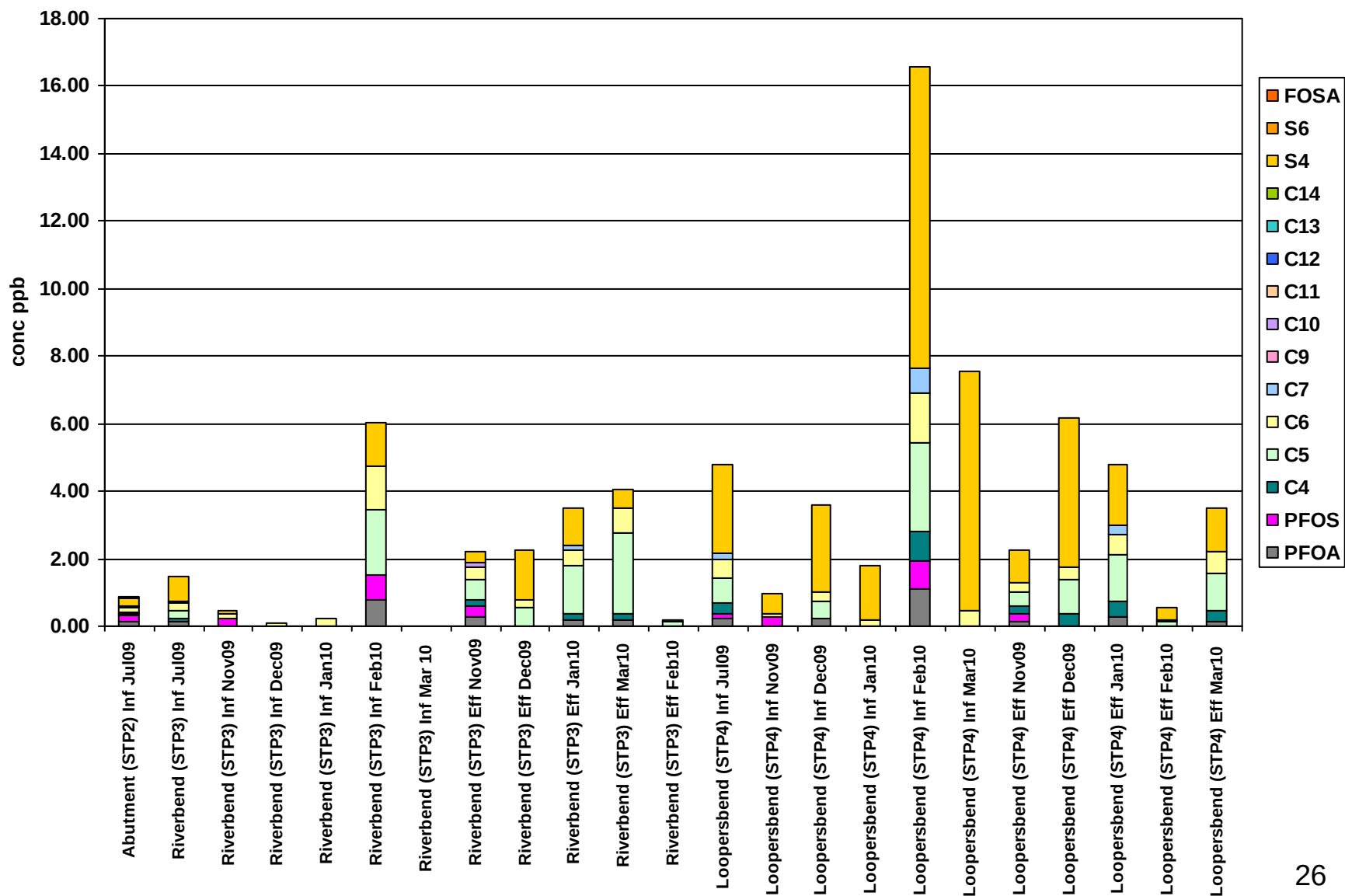


Sludge PFCs Concentrations At Dalton STPs sampled May 2009

Solid concentration units in ug/kg (ppb) dry weight

	C4	C5	C6	C7	FOA	C9	C10	C11	C12	C13	C14	FFB	FFB	FFC	FCSA
Auburn(STP2)	02	2195	172	02	844	02	02	7995	02	02	02	7835	02	1535	1192
Freeland(STP3)	02	281	128	02	682	02	921	102	02	492	02	1290	02	847	275
Logansport(STP4)	152	415	190	338	134	478	208	347	74	195	02	190	02	170	58

Wastewater PFCs Concentrations At Dalton STPs

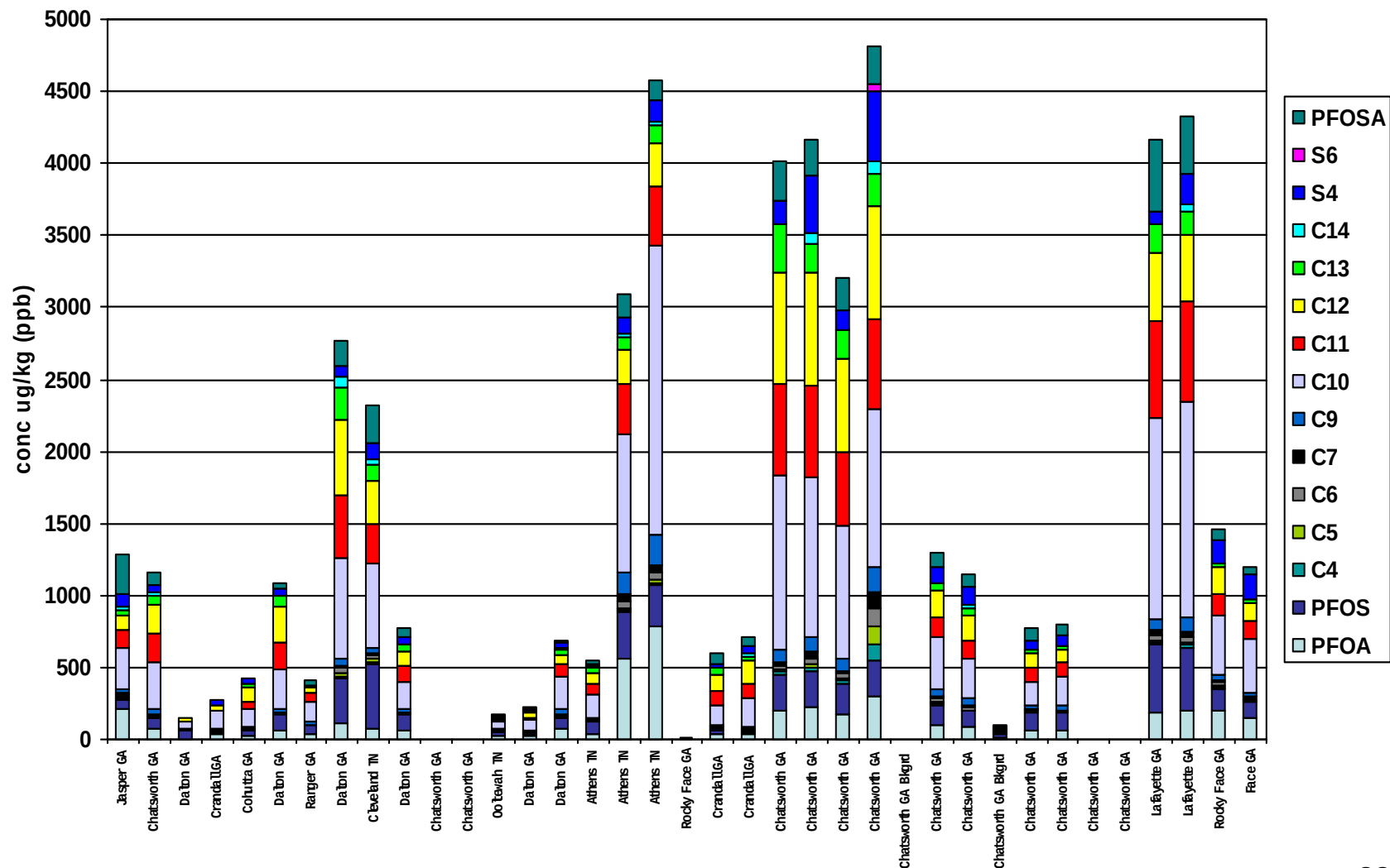


Wastewater PFCs Concentrations At Dalton STPs

concentration units in ug/l (ppb)

	PFDA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	FOXA
Abutment (STP2) Inf Jul09	0.15	0.17	0.047	0.054	0.13	0.064	ND	ND	ND	ND	ND	ND	0.23	ND	0.007
Riverbend (STP3) Inf Jul09	0.13	ND	0.078	0.26	0.2	0.088	ND	ND	ND	ND	ND	ND	0.71	ND	ND
Riverbend (STP3) Inf Nov09	ND	0.22	ND	ND	0.15	ND	ND	ND	ND	ND	ND	ND	0.095	ND	ND
Riverbend (STP3) Inf Dec09	ND	ND	ND	ND	0.074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Riverbend (STP3) Inf Jan10	ND	ND	ND	ND	0.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Riverbend (STP3) Inf Feb10	0.77	0.77	ND	1.9	1.3	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND
Riverbend (STP3) Inf Mar 10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Riverbend (STP3) Eff Nov09	0.27	0.34	0.19	0.56	0.37	ND	ND	0.17	ND	ND	ND	ND	0.29	ND	ND
Riverbend (STP3) Eff Dec09	ND	ND	ND	0.54	0.23	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND
Riverbend (STP3) Eff Jan10	0.18	ND	0.2	1.4	0.46	0.15	ND	ND	ND	ND	ND	ND	1.1	ND	ND
Riverbend (STP3) Eff Mar10	0.18	ND	0.17	2.4	0.75	ND	ND	ND	ND	ND	ND	ND	0.53	ND	ND
Riverbend (STP3) Eff Feb10	ND	ND	ND	0.12	0.074	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Loopersbend (STP4) Inf Jul09	0.25	0.13	0.32	0.74	0.55	0.19	ND	ND	ND	ND	ND	ND	2.6	ND	0.007
Loopersbend (STP4) Inf Nov09	ND	0.27	ND	ND	0.11	ND	ND	ND	ND	ND	ND	ND	0.59	ND	ND
Loopersbend (STP4) Inf Dec09	0.22	ND	ND	0.53	0.26	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND
Loopersbend (STP4) Inf Jan10	ND	ND	ND	ND	0.2	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND
Loopersbend (STP4) Inf Feb10	1.1	0.82	0.89	2.6	1.5	0.74	ND	ND	ND	ND	ND	ND	8.9	ND	ND
Loopersbend (STP4) Inf Mar10	ND	ND	ND	ND	0.45	ND	ND	ND	ND	ND	ND	ND	7.1	ND	ND
Loopersbend (STP4) Eff Nov09	0.13	0.22	0.24	0.41	0.3	ND	ND	ND	ND	ND	ND	ND	0.95	ND	ND
Loopersbend (STP4) Eff Dec09	ND	ND	0.37	1	0.4	ND	ND	ND	ND	ND	ND	ND	4.4	ND	ND
Loopersbend (STP4) Eff Jan10	0.26	ND	0.47	1.4	0.58	0.26	ND	ND	ND	ND	ND	ND	1.8	ND	ND
Loopersbend (STP4) Eff Feb10	ND	ND	ND	0.12	0.089	ND	ND	ND	ND	ND	ND	ND	0.35	ND	ND
Loopersbend (STP4) Eff Mar10	0.16	ND	0.32	1.1	0.63	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND

Soils Concentrations of Off-Site Dalton Compost Users



Soils Concentrations of Off-Site Dalton Compost Users

Solid concentration units in ug/kg (ppb) dry weight

	PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	PFOSA
Jasper GA	210	67	8.8	10	14	14	28	280	130	100	42	13	96	ND	270
Chatsworth GA	79	70	ND	ND	17	13	29	330	200	200	63	27	39	ND	88
Dalton GA	ND	57	ND	ND	3.4	ND	13	53	ND	23	ND	ND	ND	ND	ND
Crandall GA	38	12	ND	ND	9	ND	22	120	ND	31	ND	ND	40	ND	ND
Cohutta GA	23	45	ND	ND	5.6	ND	12	130	52	92	27	ND	42	ND	ND
Dalton GA	64	110	ND	ND	10	ND	34	270	190	250	64	ND	55	ND	36
Ranger GA	32	64	ND	ND	4.1	ND	20	140	58	42	ND	ND	15	ND	36
Dalton GA	110	320	11	23	30	17	44	710	430	530	220	71	82	ND	170
Cleveland TN	75	450	15	17	23	20	39	580	280	300	110	35	110	ND	260
Dalton GA	68	110	ND	ND	15	ND	25	180	110	99	57	ND	50	ND	59
Chatsworth GA	ND	1.8	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND
Chatsworth GA	ND	1.6	ND	ND	ND	ND	ND	1.6	ND	1.1	ND	ND	ND	ND	ND
Ooltewah TN	26	29	1.5	2.1	4	3.6	9.6	47	16	13	5.8	ND	12	ND	ND
Dalton GA	25	13	2.5	2.7	3.8	2.8	7.9	78	19	33	9.8	5.1	14	ND	4.3
Dalton GA	70	75	5.7	6.7	10	8.4	37	220	86	70	35	8.9	38	ND	21
Athens TN	32	87	2.9	2.9	5.4	4.8	17	160	77	76	31	9.8	24	ND	20
Athens TN	560	320	12	19	45	50	150	960	350	240	87	21	110	ND	170
Athens TN	780	290	16	20	49	60	210	2000	420	290	130	30	140	ND	140
Rocky Face GA	ND	2	ND	5.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Crandall GA	42	16	5.4	5.2	7	7.1	16	140	94	120	40	ND	26	ND	82
Crandall GA	42	13	4.7	ND	11	ND	19	200	93	170	25	19	46	ND	70
Chatsworth GA	200	250	19	15	29	18	97	1200	640	770	340	ND	160	ND	280
Chatsworth GA	220	250	27	27	43	39	110	1100	640	780	210	65	410	ND	240
Chatsworth GA	180	210	19	17	31	23	79	920	520	640	200		140	ND	220
Chatsworth GA	300	250	110	130	120	110	180	1100	620	780	230	79	490	48	260
Chatsworth GA Bkgrd	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND
Chatsworth GA	100	140	11	16	17	18	43	360	140	190	55	ND	110	ND	93
Chatsworth GA	86	110	8.2	ND	16	20	45	280	120	180	42	28	130	ND	76
Chatsworth GA Bkgrd	7.9	27	2.1	1.7	2.3	2.1	1.8	14	6.2	9.1	5.2	4.5	11	ND	1.7
Chatsworth GA	63	120	6	7.2	9.1	7.4	28	160	92	100	36	ND	51	ND	97
Chatsworth GA	61	120	5.5	ND	12	ND	33	210	92	87	24	ND	75	ND	81
Chatsworth GA	0.012	ND	ND	ND	0.0046	ND	ND	ND	ND	ND	ND	ND	0.019	ND	ND
Chatsworth GA	ND	ND	ND	ND	0.0034	ND	ND	ND	ND	ND	ND	ND	0.032	ND	
Lafayette GA	190	470	13	18	34	31	79	1400	670	480	190	ND	94	ND	490
Lafayette GA	200	440	17	18	39	35	100	1500	690	470	160	43	210	ND	410
Rocky Face GA	200	150	13	16	15	15	37	410	150	190	31	ND	160	ND	70
Face GA	150	110	ND	ND	17	18	35	370	120	130	28	ND	170	ND	50

Private Drinking Water Well Data above LOQ

Sample Date	Address	PFOA (ppb) LOQ = 0.02	PFOS (ppb) LOQ = 0.02	Other PFCs above LOQ
Aug 09 Nov 09 Feb 10 May 10		0.02 0.019 J 0.016 J 0.022	0.019 J 0.017 J ND 0.032	
Aug 09 Nov 09 Feb 10 May 10		0.06 0.057 0.051 0.075	0.017 J 0.017 J ND 0.033	C6, C7 C6, C7
Aug 09 Sep 09	(resample)	0.29 0.22	0.24 0.20	C4, C5, C6, C7, C9, S4, S6 C4, C5, C6, C7, C9, S4, S6
Aug 09 Nov 09 Feb 10 May 10		0.011 J 0.012 J ND 0.013 J	0.043 0.031 ND 0.040	
Sep 09 Nov 09 Feb 10 May 10		ND 0.011 J ND ND	0.024 0.029 ND 0.024	

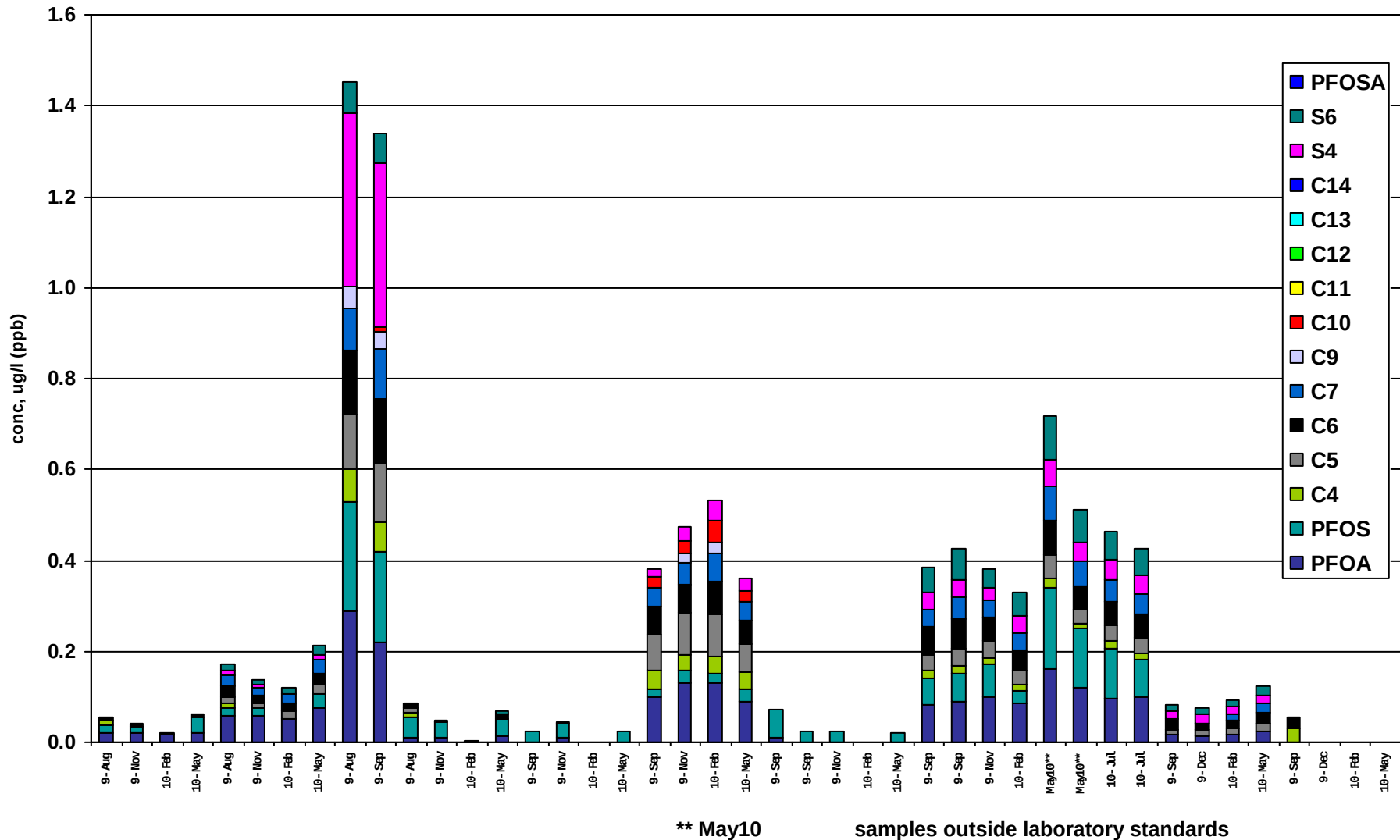
Private Drinking Water Well Data above LOQ (cont)

Sample Date	Address	PFOA (ppb) LOQ = 0.02	PFOS (ppb) LOQ = 0.02	Other PFCs above LOQ
Sep 09		0.10	0.018 J	C4, C5, C6, C7, C10
Nov 09		0.13	0.027	C4, C5, C6, C7, C9, C10, S4
Feb 10		0.13	0.02 J	C4, C5, C6, C7, C10, S4
May 10		0.09	0.027	C4, C5, C6, C7, C10, S4
Sep 09		0.01 J	0.062	
Nov 09		ND	0.025	
Nov 09		ND	0.025	
Feb 10		ND	ND	
May 10		ND	0.02 J	
Sep 09		0.018 J	ND	C6
Dec 09		0.015 J	ND	C6
Feb 10		0.016 J	ND	
May 10		0.024	ND	
Sep 09		ND	ND	C4, C6
Dec 09		ND	ND	
Feb 10		ND	ND	
May 10		ND	ND	
Sep 09	(dup)	0.084	0.056	C5, C6, C7, S4, S6
Sep 09		0.089	0.062	C5, C6, C7, S4, S6
Nov 09		0.1	0.072	C5, C6, C7, S4, S6
Feb 10		0.087	0.026	C5, C6, C7, S4, S6

Private Drinking Water Well Data above LOQ (cont)

Sample Date	Address	PFOA (ppb) LOQ = 0.02	PFOS (ppb) LOQ = 0.02	Other PFCs above LOQ
May 10	**outside lab standards	<i>0.16</i>	<i>0.18</i>	C4, C5, C6, C7, S4, S6
May 10	(dup)** outside lab standards	<i>0.12</i>	<i>0.13</i>	C5, C6, C7, S4, S6
Jul 10		<i>0.097</i>	<i>0.11</i>	C5, C6, C7, S4, S6
Jul 10	(dup)	<i>0.10</i>	<i>0.083</i>	C5, C6, C7, S4, S6

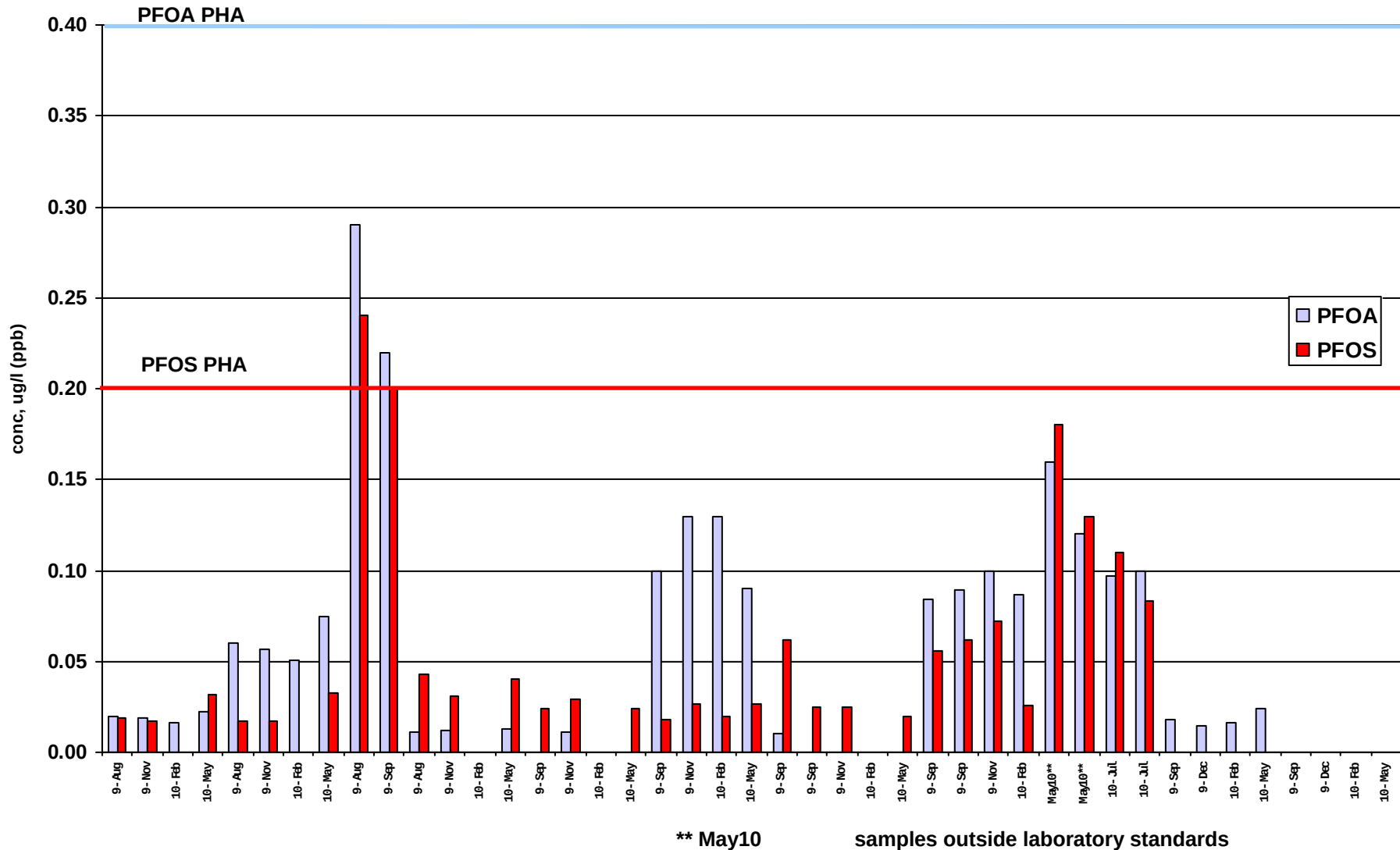
Private Drinking Water Wells w/in One Mile of Dalton LAS



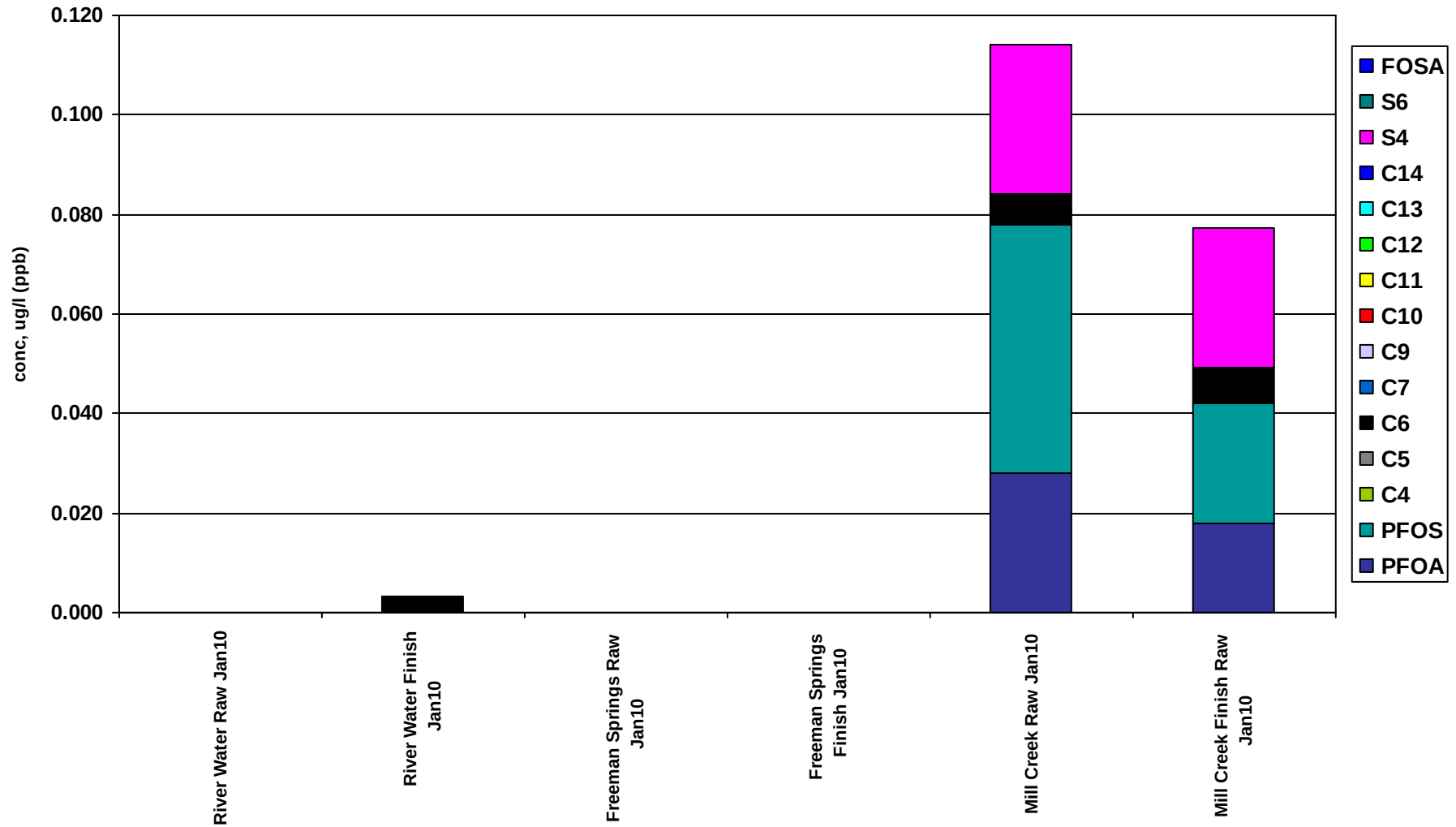
Private Drinking Water Wells w/in One Mile of Dalton LAS
concentration units in ug/l (ppb)

Location		PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	PFOSA
	9-Aug	0.02	0.019	0.0078	ND	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Nov	0.019	0.017	ND	ND	0.0063	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-Feb	0.016	ND	ND	ND	0.0044	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-May	0.022	0.032	ND	ND	0.0068	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Aug	0.06	0.017	0.0089	0.015	0.023	0.023	ND	ND	ND	ND	ND	ND	0.0094	0.014	ND
	9-Nov	0.057	0.017	ND	0.012	0.016	0.017	ND	ND	ND	ND	ND	ND	0.0083	0.011	ND
	10-Feb	0.051	ND	ND	0.017	0.018	0.021	ND	ND	ND	ND	ND	ND	ND	0.013	ND
	10-May	0.075	0.033	ND	0.018	0.024	0.031	ND	ND	ND	ND	ND	ND	0.011	0.021	ND
	9-Aug	0.29	0.24	0.071	0.12	0.14	0.092	0.049	ND	ND	ND	ND	ND	0.38	0.072	ND
	9-Sep	0.22	0.2	0.064	0.13	0.14	0.11	0.04	0.0099	ND	ND	ND	ND	0.36	0.066	ND
	9-Aug	0.011	0.043	0.01	0.013	0.0085	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Nov	0.012	0.031	ND	ND	0.0037	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-Feb	ND	ND	ND	ND	0.0042	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-May	0.013	0.04	ND	ND	0.0076	ND	ND	ND	ND	ND	ND	ND	ND	0.0076	ND
	9-Sep	ND	0.024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Nov	0.011	0.029	ND	ND	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-Feb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-May	ND	0.024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Sep	0.1	0.018	0.04	0.08	0.06	0.042	ND	0.023	ND	ND	ND	ND	0.019	ND	ND
	9-Nov	0.13	0.027	0.035	0.093	0.063	0.047	0.019	0.03	ND	ND	ND	ND	0.03	ND	ND
	10-Feb	0.13	0.02	0.039	0.093	0.073	0.059	0.025	0.048	ND	ND	ND	ND	0.046	ND	ND
	10-May	0.09	0.027	0.037	0.064	0.05	0.042	ND	0.022	ND	ND	ND	ND	0.029	ND	ND
	9-Sep	0.01	0.062	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Sep	ND	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Nov	ND	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-Feb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-May	ND	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Sep	0.084	0.056	0.017	0.035	0.061	0.04	ND	ND	ND	ND	ND	ND	0.037	0.056	ND
	9-Sep	0.089	0.062	0.017	0.039	0.065	0.047	ND	ND	ND	ND	ND	ND	0.038	0.068	ND
	9-Nov	0.1	0.072	0.013	0.039	0.049	0.038	ND	ND	ND	ND	ND	ND	0.03	0.041	ND
	10-Feb	0.087	0.026	0.013	0.031	0.046	0.039	ND	ND	ND	ND	ND	ND	0.037	0.052	ND
May10**		0.16	0.18	0.022	0.049	0.077	0.075	ND	ND	ND	ND	ND	ND	0.059	0.097	
May10**		0.12	0.13	0.0098	0.033	0.052	0.053	ND	ND	ND	ND	ND	ND	0.043	0.07	ND
	10-Jul	0.097	0.11	0.015	0.035	0.053	0.048	ND	ND	ND	ND	ND	ND	0.045	0.06	ND
	10-Jul	0.1	0.083	0.013	0.034	0.051	0.045	ND	ND	ND	ND	ND	ND	0.042	0.059	ND
	9-Sep	0.018	ND	ND	0.011	0.023	ND	ND	ND	ND	ND	ND	ND	0.016	0.013	ND
	9-Dec	0.015	ND	ND	0.013	0.014	ND	ND	ND	ND	ND	ND	ND	0.019	0.015	ND
	10-Feb	0.016	ND	ND	0.014	0.018	0.014	ND	ND	ND	ND	ND	ND	0.016	0.015	ND
	10-May	0.024	ND	ND	0.016	0.026	0.02	ND	ND	ND	ND	ND	ND	0.018	0.018	ND
	9-Sep	ND	ND	0.032	ND	0.024	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	9-Dec	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-Feb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	10-May	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Private Drinking Water Wells w/in One Mile of Dalton LAS



Dalton Public Water System

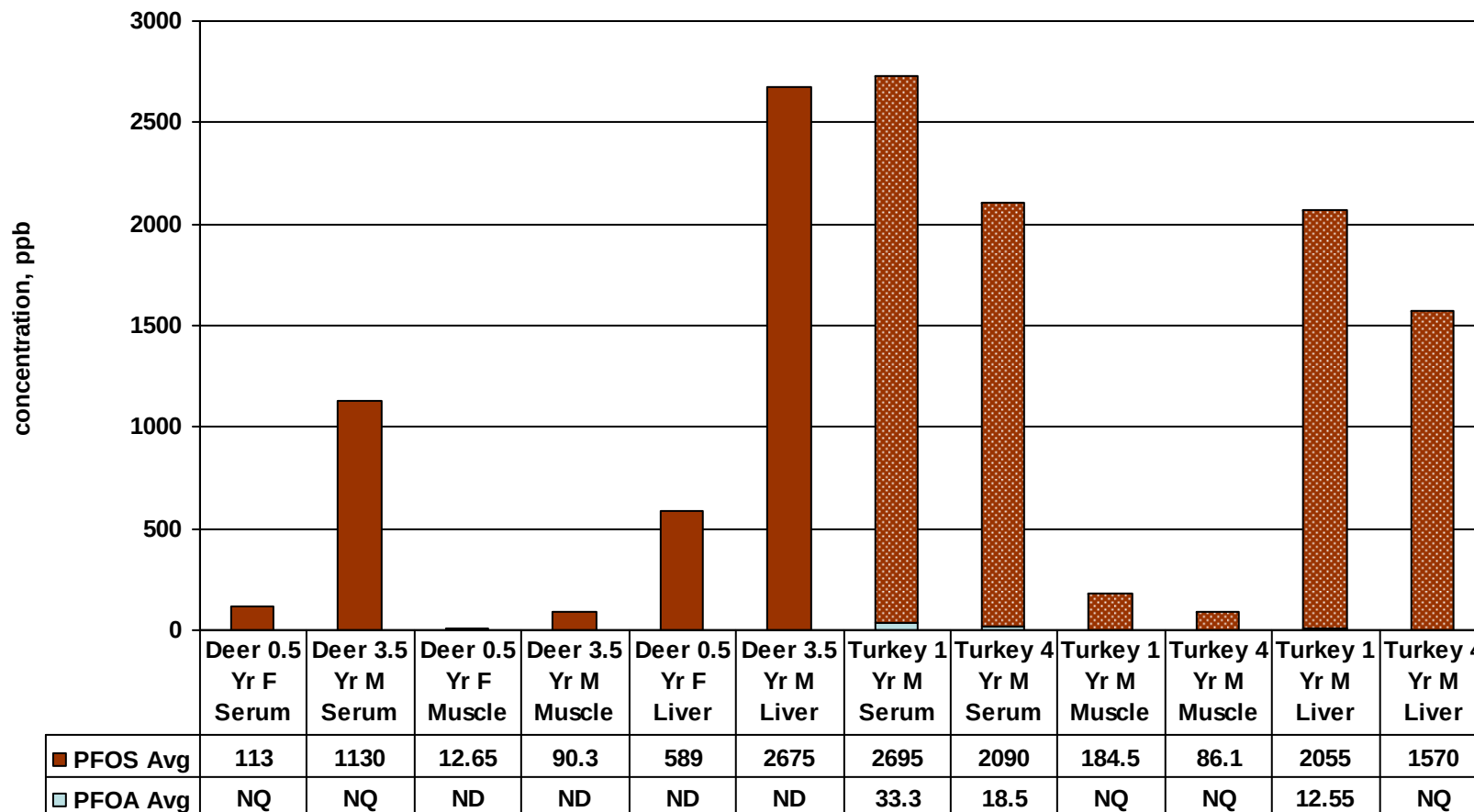


Dalton Public Water System

concentration units in ug/l (ppb)

	PFOA	PFOS	C4	C5	C6	C7	C9	C10	C11	C12	C13	C14	S4	S6	FOSA
River Water Raw Jan10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
River Water Finish Jan10	ND	ND	ND	ND	0.0031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freeman Springs Raw Jan10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freeman Springs Finish Jan10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mill Creek Raw Jan10	0.028	0.05	ND	ND	0.0062	ND	ND	ND	ND	ND	ND	ND	0.03	ND	ND
Mill Creek Finish Raw Jan10	0.018	0.024	ND	ND	0.0073	ND	ND	ND	ND	ND	ND	ND	0.028	ND	ND

PFOA PFOS in Deer and Turkey Serum/Muscle/Liver Dalton LAS



Deer sampled Oct 2009

Turkey sampled Dec 2009

PFOA PFOS in Deer and Turkey Serum/Muscle/Liver Dalton LAS

serum concentration units in ug/l (ppb)
muscle & liver concentration units in ug/kg (ppb) dry weight

	PFOA Avg	PFOS Avg
Deer 0.5 Yr F Serum	NQ	113
Deer 3.5 Yr M Serum	NQ	1130
Deer 0.5 Yr F Muscle	ND	12.65
Deer 3.5 Yr M Muscle	ND	90.3
Deer 0.5 Yr F Liver	ND	589
Deer 3.5 Yr M Liver	ND	2675
Turkey 1 Yr M Serum	33.3	2695
Turkey 4 Yr M Serum	18.5	2090
Turkey 1 Yr M Muscle	NQ	184.5
Turkey 4 Yr M Muscle	NQ	86.1
Turkey 1 Yr M Liver	12.55	2055
Turkey 4 Yr M Liver	NQ	1570

Ga DNR/UGA Collection System Industrial User Study

- Samples taken from Nov'09 – Jan'10 at:
 - 6 collection system locations
 - 41 permitted industrial users
 - 3 STP's influent and effluent
 - 1 STP sludge
- Perfluorinated Compound Analytes:
 - Perfluorinated Carboxylates (PFCA): C4 – C14
 - PFC(n)A precursors: 6:2 sFTOH; 7:2 FTOH; 8:2 FTOH; 10:2 FTOH
 - Perfluoroalkyl Sulfonates (PFAS): S4; S6; S7; PFOS; S10
 - PFOS precursors: PFOSA; MeFOSAA; EtFOSAA; N-MeFOSE; N-EtFOSE

Dalton Permitted Industrial Users 1/3

Name	Standard Industrial Classification (SIC)	PFCA	PCFA Precursors	PFAS	PFOS Precursors
XXXXXX (0254/2048)	0254 Poultry Hatcheries/2048 Prepared Feed and Feed Ingredients for Animals and Fowls, Except Dogs and Cats	0.1810	0.0000	0.0000	2.6000
XXXXXX (2261)	2261 Finishers of Broadwoven Fabrics of Cotton	0.1953	0.0000	0.0000	0.0000
XXXXXX (2269)	2269 Finishers of Textiles, Not elsewhere Classified	0.0336	0.0000	0.1722	0.0264
XXXXXX (2273)	2273 Carpets and Rugs	0.0391	0.0000	0.0000	0.5730
XXXXXX (2273)	2273 Carpets and Rugs	0.2034	0.0000	1.8100	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.1370	0.0000	1.9347	0.3480
XXXXXX (2273)	2273 Carpets and Rugs	0.1111	0.0000	0.3384	4.9500
XXXXXX (2273)	2273 Carpets and Rugs	0.3529	0.0000	1.2286	0.2600
XXXXXX (2273)	2273 Carpets and Rugs	0.0000	0.0000	7.4650	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.0000	0.0000	0.0617	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.0939	0.0000	0.0000	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.2110	0.0000	5.6500	0.0980
XXXXXX (2273)	2273 Carpets and Rugs	0.0000	0.0000	11.1513	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.3356	0.0000	1.1830	3.8076
XXXXXX (2273)	2273 Carpets and Rugs	0.7127	1.4000	0.1070	0.2015
XXXXXX (2273)	2273 Carpets and Rugs	0.1479	2.6000	0.2330	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.1031	6.6000	1.2600	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.0266	6.3000	0.6300	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.0799	0.0000	0.0652	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.0760	1.2000	0.0284	0.0000
XXXXXX (2273)	2273 Carpets and Rugs	0.2976	4.6000	2.1273	0.1909
XXXXXX (2273)	2273 Carpets and Rugs	0.7960	2.0000	1.1300	0.4885

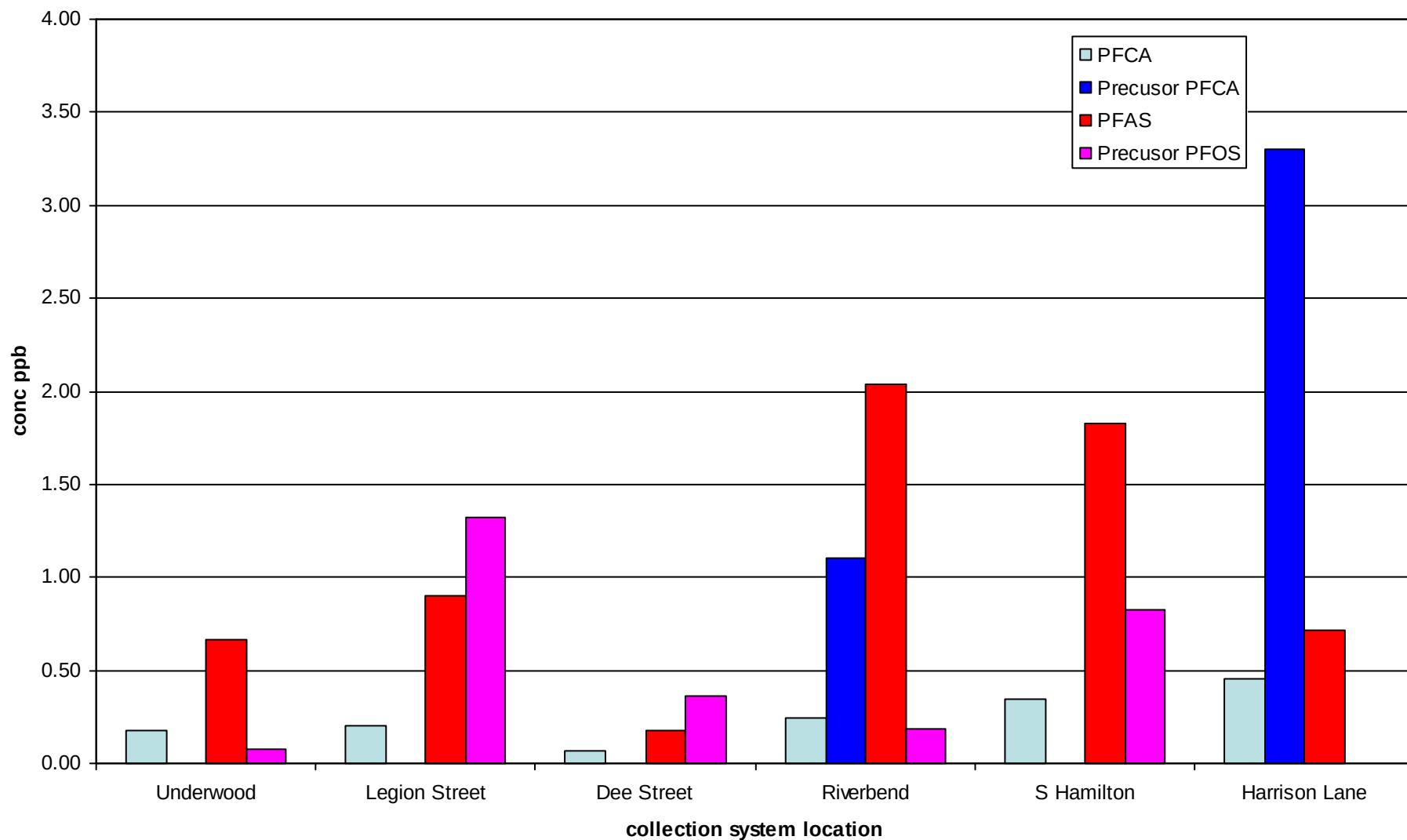
Dalton Permitted Industrial Users 2/3

Name	Standard Industrial Classification (SIC)	PFCA	PCFA Precursors	PFAS	PFOS Precursors
XXXXX (2273)	2273 Carpets and Rugs	0.0000	0.0000	0.0000	0.0000
XXXXX (2299)	2299 Textile goods, Not Elsewhere Classified	0.0412	0.0000	0.3160	0.0000
XXXXX (2819/2869)	2819 Industrial Inorganic Chemicals, Not Elsewhere Classified/2869 Industrial Organic Chemicals, Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000
XXXXX (2824)	2824 Manmade Organic Fibers, Except Cellulosic	0.0000	0.0000	0.0000	0.0000
XXXXX (2824)	2824 Manmade Organic Fibers, Except Cellulosic	0.1014	0.0000	0.0574	0.0267
XXXXX (2843)	2843 Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants	0.4264	3.4000	0.1620	0.0000
XXXXX (2843/2842)	2843 Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants/2842 Specialty Cleaning, Polishing, and Sanitation Preparations	0.5544	0.0000	0.0404	0.0462
XXXXX (2843/2865/2819)	2843 Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants/2865 Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments /2819 Industrial Inorganic Chemicals, Not Elsewhere Classified	0.0367	0.0000	5.9900	0.0000
XXXXX (2843/2899)	2843 Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants/2899 Chemicals and Chemical Preparations, Not Elsewhere Classified	0.0000	1.7000	2.5600	0.0000
XXXXX (2843/2899)	2843 Surface Active Agents, Finishing Agents, Sulfonated Oils, and Assistants/2899 Chemicals and Chemical Preparations, Not Elsewhere Classified	0.4859	1.4000	24.2000	0.0301
XXXXX (2843/2981)	2843/2981	0.1842	1.4000	0.0000	0.1370

Dalton Permitted Industrial Users 3/3

Name	Standard Industrial Classification (SIC)	PFCA	PCFA Precusors	PFAS	PFOS Precurors
XXXXX (2869)	2869 Industrial Organic Chemicals, Not Elsewhere Classified	0.0258	0.0000	0.0618	0.0000
XXXXX (2869)	2869 Industrial Organic Chemicals, Not Elsewhere Classified	0.0000	0.0000	4.2008	0.2811
XXXXX (2869/2899)	2869 Industrial Organic Chemicals, Not Elsewhere Classified/2899 Chemicals and Chemical Preparations, Not Elsewhere Classified	0.0252	0.0000	0.0398	0.0000
XXXXX (3069/2822/3552/2899)	3069 Fabricated Rubber Products, Not Elsewhere Classified/2822 Synthetic Rubber (Vulcanizable Elastomers) /3552 Textile Machinery/2899 Chemicals and Chemical Preparations, Not Elsewhere Classified	0.1422	0.0000	0.1395	0.0000
XXXXX (3471/3479)	3471 Electroplating, Plating, Polishing, Anodizing, and Coloring/3479 Coating, Engraving, and Allied Services, Not Elsewhere Classified	0.0000	0.0000	0.0000	0.0000
XXXXX		0.0445	1.4000	0.3472	0.1670
XXXXX		0.1220	0.0000	4.4660	0.1128

Dalton Collection System Nov 2009

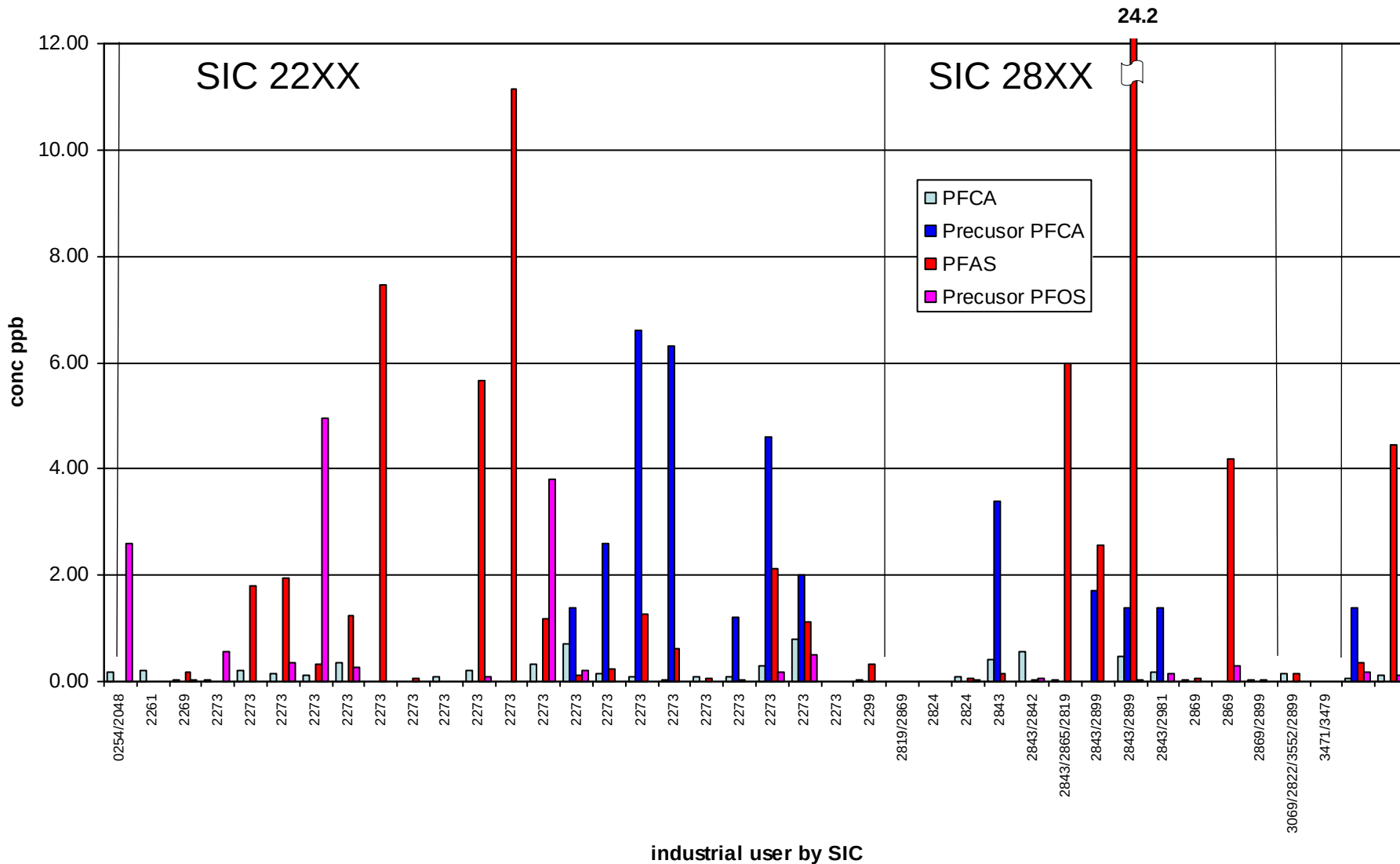


Dalton Collection System Nov 2009

concentration units in ug/l (ppb)

	PFCA	Precusor PFCA	PFAS	Precusor PFOS
Underwood	0.1734	0	0.6657	0.0773
Legion Street	0.2053	0	0.9014	1.321
Dee Street	0.0709	0	0.1777	0.3628
Riverbend	0.2451	1.1	2.0388	0.1849
S Hamilton	0.346	0	1.8297	0.824
Harrison Lane	0.4539	3.3	0.7127	0

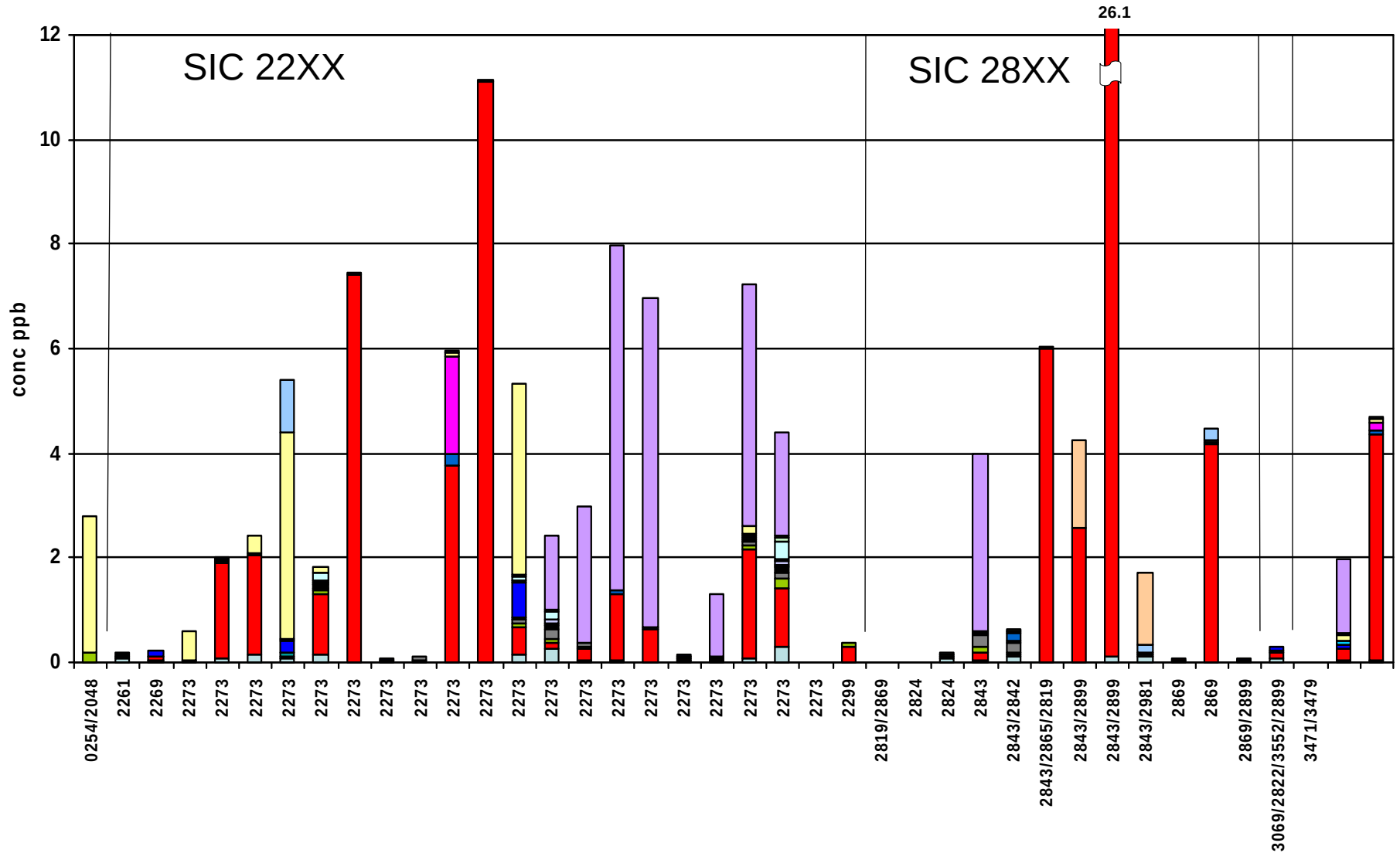
Dalton Industrial Users Nov 09 – Jan 10



Dalton Industrial Users Nov 09 – Jan 10

concentration units in ug/l (ppb)

	P F C A	Precusor P F C A	P F A S	Precusor P F O S
0254/2048	0.181	0	0	2.6
2261	0.1953	0	0	0
2269	0.0336	0	0.1722	0.0264
2273	0.0391	0	0	0.573
2273	0.2034	0	1.81	0
2273	0.137	0	1.9347	0.348
2273	0.1111	0	0.3384	4.95
2273	0.3529	0	1.2286	0.26
2273	0	0	7.465	0
2273	0	0	0.0617	0
2273	0.0939	0	0	0
2273	0.211	0	5.65	0.098
2273	0	0	11.1513	0
2273	0.3356	0	1.183	3.8076
2273	0.7127	1.4	0.107	0.2015
2273	0.1479	2.6	0.233	0
2273	0.1031	6.6	1.26	0
2273	0.0266	6.3	0.63	0
2273	0.0799	0	0.0652	0
2273	0.076	1.2	0.0284	0
2273	0.2976	4.6	2.1273	0.1909
2273	0.796	2	1.13	0.4885
2273	0	0	0	0
2299	0.0412	0	0.316	0
2819/2869	0	0	0	0
2824	0	0	0	0
2824	0.1014	0	0.0574	0.0267
2843	0.4264	3.4	0.162	0
2843/2842	0.5544	0	0.0404	0.0462
2843/2865/2819	0.0367	0	5.99	0
2843/2899	0	1.7	2.56	0
2843/2899	0.4859	1.4	24.2	0.0301
2843/2981	0.1842	1.4	0	0.137
2869	0.0258	0	0.0618	0
2869	0	0	4.2008	0.2811
2869/2899	0.0252	0	0.0398	0
3069/2822/3552/2899	0.1422	0	0.1395	0
3471/3479	0	0	0	0
	0.0445	1.4	0.3472	0.167
	0.122	0	4.466	0.1128

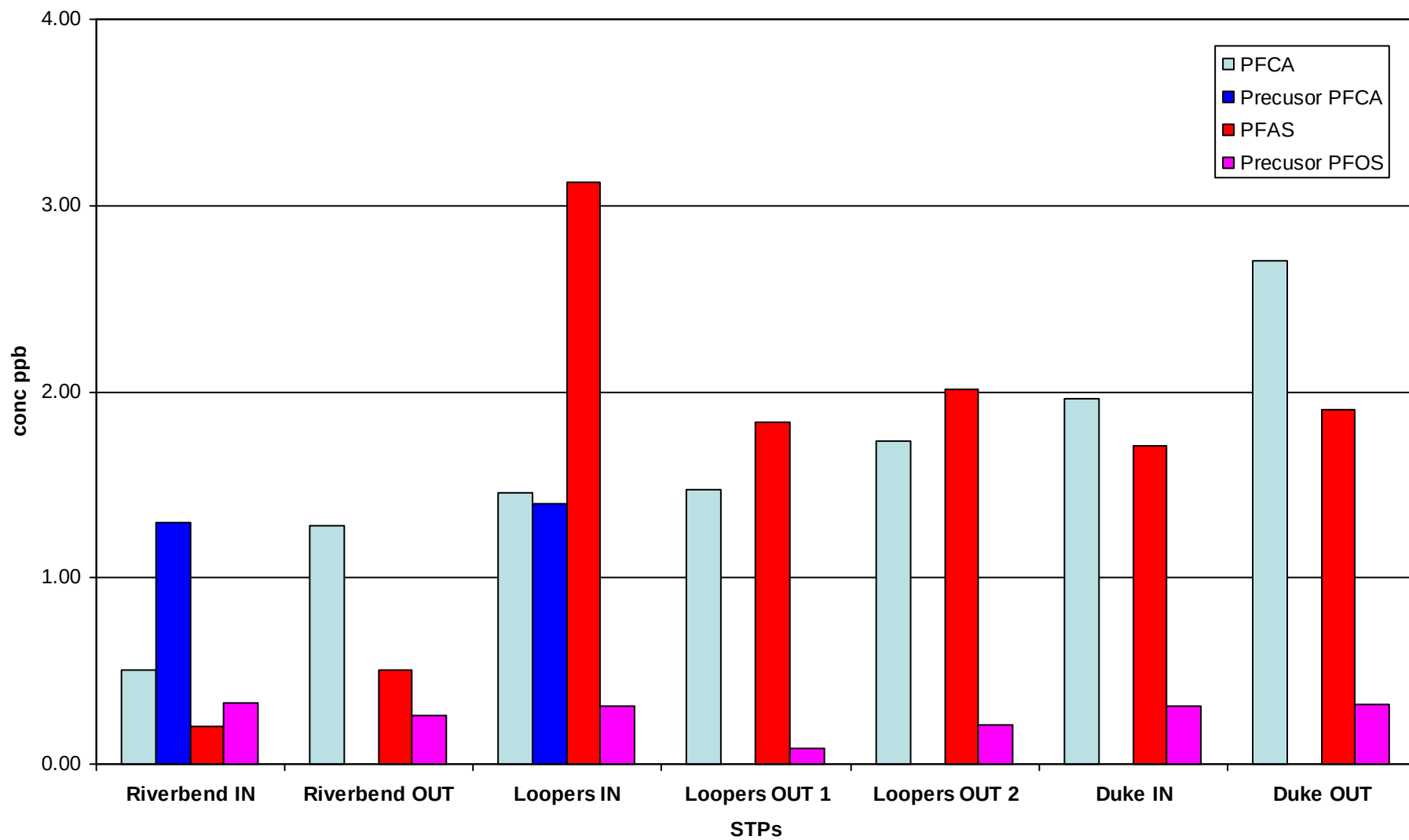


Dalton Industrial Users Nov 09 – Jan 10

concentration units in ug/l (ppb)

	FFOA	FFOS	G4	G5	G6	G7	G9	G10	G11	G12	G13	G14	S4	S6	FOA	S7	S10	MFO6AA	BFOSAA	MFO6E	BFOS6E	725FICH	62FICH	82FICH	102FICH
02/12/08	ND	ND	ND	0.181	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	ND
2261	0.035	ND	ND	ND	0.059	0.053	0.026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2289	0.036	0.075	NQ	ND	NQ	NQ	ND	ND	ND	ND	ND	ND	0.027	ND	ND	ND	ND	ND	ND	0.064	NQ	ND	ND	ND	ND
2273	ND	ND	ND	ND	ND	ND	0.031	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.573	ND	ND	ND	ND	ND
2273	0.09	1.81	ND	NQ	0.026	0.047	0.038	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2273	0.137	1.9	NQ	NQ	ND	ND	ND	ND	ND	ND	ND	ND	0.037	ND	ND	ND	ND	ND	ND	0.348	ND	ND	ND	ND	ND
2273	0.0531	0.034	0.048	NQ	ND	ND	NQ	ND	ND	ND	ND	ND	0.245	0.035	ND	ND	ND	NQ	ND	393	1.02	ND	ND	ND	ND
2273	0.134	1.18	ND	0.058	0.058	0.052	0.051	NQ	ND	ND	ND	ND	0.046	ND	ND	ND	ND	0.123	ND	0.137	ND	ND	ND	ND	ND
2273	ND	7.48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NQ	0.035	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2273	ND	0.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.057	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2273	0.0451	ND	ND	ND	0.048	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2273	NQ	3.78	ND	ND	ND	NQ	0.211	ND	ND	ND	ND	ND	ND	1.87	ND	ND	ND	ND	ND	0.059	0.031	ND	ND	ND	ND
2273	NQ	11.1	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND	0.031	ND	ND	ND	ND	NQ	ND	NQ	NQ	ND	ND	ND	ND
2273	0.142	0.58	ND	0.043	0.076	0.037	NQ	0.023	ND	ND	ND	ND	0.045	ND	0.048	ND	ND	0.036	0.046	3.65	ND	ND	ND	ND	ND
2273	0.277	0.107	NQ	0.084	0.159	0.038	0.0451	0.034	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.146	ND	0.036	ND	ND	14	ND	ND
2273	0.039	0.233	NQ	0.034	0.036	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	26	ND	ND
2273	0.026	1.26	ND	ND	ND	ND	0.075	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	66	ND	ND
2273	NQ	0.63	ND	ND	ND	ND	0.026	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	ND	ND
2273	0.034	0.029	ND	ND	ND	0.025	NQ	NQ	ND	NQ	ND	NQ	0.023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2273	0.045	0.024	ND	0.025	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12	ND	ND
2273	0.073	2.1	NQ	0.013	0.033	0.036	0.037	NQ	ND	ND	ND	ND	0.023	ND	ND	ND	ND	0.059	ND	0.138	ND	ND	46	ND	ND
2273	0.294	1.13	ND	0.16	0.13	0.037	0.0454	0.059	NQ	ND	ND	ND	NQ	ND	0.037	ND	ND	0.342	0.0577	0.041	ND	ND	2	ND	ND
2273	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2289	ND	0.316	ND	0.042	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2319/2339	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2324	ND	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2324	0.0703	0.054	ND	0.0311	NQ	NQ	ND	ND	ND	ND	ND	ND	NQ	ND	ND	ND	ND	0.0267	ND	ND	ND	ND	ND	ND	ND
2343	0.02	0.162	NQ	0.102	0.238	0.029	ND	0.0255	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	34	ND	ND
2343/2342	0.101	0.044	NQ	0.035	0.207	0.027	0.144	0.042	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NQ	0.042	ND	ND	ND	ND	ND
2343/2355/2319	ND	5.99	ND	NQ	ND	ND	0.0357	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2343/2339	ND	2.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	ND	ND
2343/2339	0.124	24.2	ND	0.043	0.034	0.032	0.163	0.035	NQ	ND	ND	ND	ND	ND	ND	ND	ND	0.031	ND	ND	ND	ND	ND	14	ND
2343/2381	0.128	ND	ND	ND	0.025	ND	ND	0.036	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.137	ND	ND	14	ND	ND
2389	0.023	0.018	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2389	ND	4.17	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND	0.0308	ND	ND	ND	ND	ND	ND	0.021	0.249	ND	ND	ND	ND
2389/2339	0.022	NQ	ND	ND	ND	NQ	ND	ND	ND	ND	ND	ND	0.033	ND	ND	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND
3139/2322/3552/2339	0.0791	0.092	ND	ND	NQ	ND	0.031	ND	ND	ND	ND	ND	0.043	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3471/3479	NQ	ND	ND	ND	NQ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	0.045	0.234	ND	ND	NQ	ND	ND	ND	ND	ND	ND	ND	0.033	ND	ND	ND	0.033	ND	ND	0.124	0.043	ND	14	ND	ND
	0.023	4.33	ND	ND	ND	NQ	0.031	ND	ND	ND	ND	ND	NQ	0.136	ND	ND	ND	NQ	ND	0.0781	0.037	ND	ND	ND	ND

Dalton STPs Inf Eff Feb 2010

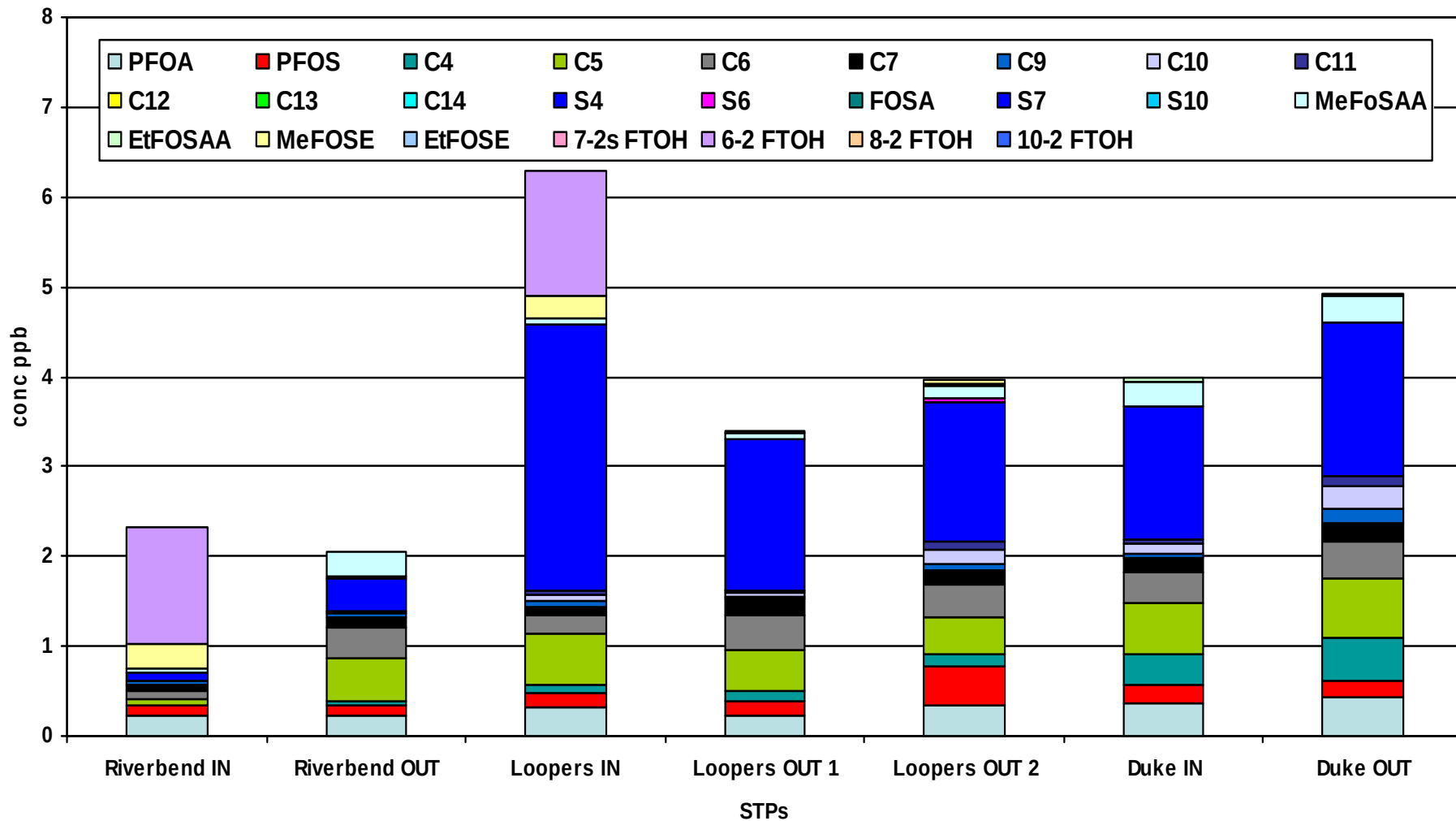


Dalton STPs Inf Eff Feb 2010

concentration units in ug/l (ppb)

	PFCA	Precursor PFCA	PFAS	Precursor PFOS
Riverbend IN	0.5028	13	0.2021	0.326
Riverbend OUT	1.2826	0	0.5021	0.262
Loopers IN	1.4528	14	3.125	0.3142
Loopers OUT 1	1.4754	0	1.839	0.0863
Loopers OUT 2	1.7331	0	2.0166	0.2104
Duke IN	1.9589	0	1.712	0.3096
Duke OUT	2.703	0	1.906	0.3222

Dalton STPs Inf Eff Feb 2010



Dalton STPs Inf Eff Feb 2010

concentration units in ug/l (ppb)

	Riverbend IN	Riverbend OUT	Loopers OUT 1	Loopers OUT 2	Loopers IN	Duke OUT	Duke IN
PFOA	0.2270	0.2210	0.2300	0.3510	0.3210	0.4220	0.3540
PFOS	0.1040	0.1100	0.1490	0.4280	0.1550	0.1860	0.2220
C4	ND	0.0645	0.1140	0.1230	0.0853	0.4800	0.3330
C5	0.0731	0.4650	0.4740	0.4240	0.5680	0.6770	0.5700
C6	0.1040	0.3510	0.3820	0.3720	0.2050	0.4050	0.3330
C7	0.0599	0.1200	0.1720	0.1500	0.0993	0.1930	0.1620
C9	0.0388	0.0288	0.0253	0.0719	0.0815	0.1650	0.0579
C10	NQ	0.0323	0.0454	0.1550	0.0569	0.2500	0.1010
C11	ND	ND	0.0327	0.0862	0.0358	0.1110	0.0480
C12	ND	ND	ND	ND	NQ	ND	ND
C13	ND	ND	ND	ND	NQ	ND	ND
C14	ND	ND	ND	ND	ND	ND	ND
S4	0.0981	0.3670	1.6900	1.5600	2.9700	1.7200	1.4900
S6	NQ	0.0251	NQ	0.0286	NQ	NQ	NQ
FOSA	ND	ND	ND	ND	ND	ND	ND
S7	ND	ND	ND	ND	ND	ND	ND
S10	ND	ND	ND	ND	ND	ND	ND
MeFoSAA	0.0540	0.2620	0.0517	0.1490	0.0612	0.2920	0.2740
EtFOSAA	ND	ND	ND	0.0281	ND	0.0302	0.0356
MeFOSE	0.2720	ND	0.0346	0.0333	0.2530	ND	ND
EtFOSE	ND	ND	ND	ND	ND	ND	ND
7-2s FTOH	ND	ND	ND	ND	ND	ND	ND
6-2 FTOH	1.3000	ND	ND	ND	1.4000	ND	ND
8-2 FTOH	ND	ND	ND	ND	ND	ND	ND
10-2 FTOH	ND	ND	ND	ND	ND	ND	ND