

Watershed Name Lake Wister Watershed
Number of Sites 17
AWRC Publication No. MSC385
Funding Agency Poteau Valley Improvement Authority; Oklahoma Conservation Commission
Dates 7/12/2016 - 7/12/2017

Sample Date	Site Number	Site ID	Stream Name	Method detection limit (MDL)									
				0.03	0.005	0.02	0.01	0.002	--	--	--	0.15	0.32
				Total N mg/L	Total P mg/L	Nitrate-N mg/L	Ammonia-N mg/L	Soluble Reactive P mg/L	Turbidity NTU	Total Suspended Solids mg/L	Chlorophyll a µg/L	Chloride mg/L	Sulfate mg/L
1/18/2017	F1	UFM-1	Fourche Maline	0.37	0.049	0.02	0.00	0.000	10.3	3.0	4.55	26.26	12.40
1/25/2017	F1	UFM-1	Fourche Maline	0.14	0.002	0.02	0.00	0.001	3.4	1.8	0.86	36.05	13.73
2/1/2017	F1	UFM-1	Fourche Maline	0.12	0.005	0.04	0.01	0.001	1.7	0.7	0.60	35.25	13.47
1/18/2017	F2	UFM-2	Fourche Maline	0.42	0.037	0.11	0.00	0.002	5.9	0.5	0.14	7.32	21.05
1/25/2017	F2	UFM-2	Fourche Maline	0.23	0.004	0.05	0.01	0.003	2.0	0.7	0.22	7.00	17.62
2/1/2017	F2	UFM-2	Fourche Maline	0.25	0.013	0.05	0.00	0.002	1.8	0.3	0.14	6.25	15.38
1/18/2017	F3	UFM-3	Fourche Maline	0.41	0.040	0.05	0.01	0.000	6.5	2.8	4.41	8.09	8.25
1/25/2017	F3	UFM-3	Fourche Maline	0.26	0.005	0.07	0.00	0.002	1.9	0.4	1.01	9.34	9.07
2/1/2017	F3	UFM-3	Fourche Maline	0.19	0.006	0.05	0.00	0.002	1.5	0.4	0.24	18.24	13.13
1/18/2017	F4	UFM-4	Fourche Maline	0.45	0.062	0.01	0.00	0.010	7.2	2.7	2.40	4.47	4.17
1/25/2017	F4	UFM-4	Fourche Maline	0.39	0.038	0.00	0.01	0.014	8.9	4.9	1.45	4.93	4.09
2/1/2017	F4	UFM-4	Fourche Maline	0.37	0.039	0.01	0.01	0.011	6.7	2.8	2.73	4.85	4.06
1/18/2017	F5	UFM-5	Fourche Maline tributary	0.86	0.096	0.02	0.01	0.011	17.5	6.9	19.54	97.15	52.51
1/25/2017	F5	UFM-5	Fourche Maline tributary	0.74	0.052	0.01	0.01	0.010	14.0	11.9	22.59	157.67	41.12
2/1/2017	F5	UFM-5	Fourche Maline tributary	0.63	0.041	0.04	0.03	0.007	6.2	3.8	16.16	210.85	38.80
1/18/2017	B1	UBC-1	Bandy	1.17	0.190	0.25	0.05	0.083	47.3	12.6	3.36	13.87	111.80
1/25/2017	B1	UBC-1	Bandy	1.97	0.152	0.07	0.97	0.081	11.3	6.3	4.84	15.18	130.34
2/1/2017	B1	UBC-1	Bandy	0.67	0.047	0.03	0.04	0.013	6.0	2.1	3.77	15.50	136.65
1/18/2017	B2	UBC-2	Bandy	0.75	0.088	0.25	0.01	0.011	22.6	8.3	8.29	4.68	24.89
1/25/2017	B2	UBC-2	Bandy	0.51	0.029	0.05	0.01	0.005	14.1	7.6	15.52	3.52	22.13
2/1/2017	B2	UBC-2	Bandy	0.31	0.027	0.07	0.01	0.002	11.8	6.8	2.13	2.67	12.01
1/18/2017	B3	UBC-3	Bandy tributary	0.30	0.043	0.07	0.01	0.002	22.4	2.6	0.99	12.49	25.66
1/25/2017	B3	UBC-3	Bandy tributary	0.15	0.004	0.04	0.00	0.003	2.1	1.2	0.97	13.97	30.08
2/1/2017	B3	UBC-3	Bandy tributary	0.09	0.008	0.04	0.00	0.001	1.2	0.5	0.52	12.91	31.48
1/18/2017	B4	UBC-4	Bandy	1.49	0.099	0.84	0.07	0.021	19.5	7.5	7.07	10.95	42.52
1/25/2017	B4	UBC-4	Bandy	2.55	0.053	1.97	0.07	0.012	10.5	6.2	5.07	11.93	45.84
2/1/2017	B4	UBC-4	Bandy	6.17	0.332	3.82	0.39	0.041	17.2	21.2	21.61	17.76	37.90
1/18/2017	B5	UBC-5	Bandy tributary	0.16	0.026	0.01	0.00	0.000	3.1	1.6	0.90	7.30	12.86
1/25/2017	B5	UBC-5	Bandy tributary	0.11	0.003	0.00	0.00	0.002	2.0	1.6	1.49	7.40	13.05
2/1/2017	B5	UBC-5	Bandy tributary	0.08	0.009	0.01	0.00	0.000	2.0	0.9	1.18	7.58	12.30
1/18/2017	P1	Loving	Poteau tributary	0.41	0.029	0.29	0.00	0.005	4.5	0.5	0.58	5.67	16.33
1/24/2017	P1	Loving	Poteau tributary	0.20	0.003	0.06	0.01	0.000	2.9	1.2	0.80	4.95	17.59
2/1/2017	P1	Loving	Poteau tributary	0.15	0.006	0.02	0.02	0.000	2.0	1.4	0.75	4.73	12.42
1/18/2017	P2	Sugar Cr.	Poteau tributary	0.29	0.032	0.01	0.01	0.006	3.0	1.5	1.02	15.92	246.35
1/24/2017	P2	Sugar Cr.	Poteau tributary	0.22	0.007	0.00	0.01	0.003	5.3	2.8	1.73	14.37	265.55
2/1/2017	P2	Sugar Cr.	Poteau tributary	0.21	0.010	0.01	0.02	0.000	2.3	0.8	1.54	16.94	305.69
1/18/2017	P3	Hon. Cr.	Poteau tributary	0.43	0.023	0.30	0.01	0.005	3.6	1.3	1.20	12.10	24.23
1/24/2017	P3	Hon. Cr.	Poteau tributary	0.43	0.002	0.30	0.01	0.005	1.3	0.8	1.08	11.01	26.78
2/1/2017	P3	Hon. Cr.	Poteau tributary	0.48	0.005	0.36	0.02	0.000	1.0	0.5	1.28	10.28	23.14
1/18/2017	P4	Oil B.	Poteau tributary	3.71	1.182	0.38	2.39	1.048	7.0	7.3	52.39	35.72	509.97
1/24/2017	P4	Oil B.	Poteau tributary	3.23	0.649	0.77	1.84	0.604	4.5	3.2	9.58	72.63	401.38
2/1/2017	P4	Oil B.	Poteau tributary	1.33	0.560	0.12	0.03	0.438	6.2	9.4	109.87	70.27	388.58
1/24/2017	S1	SC-USP3	Shawnee	0.04	0.027	0.01	0.00	0.009	23.3	0.9	0.08	4.62	4.82
2/22/2017	S1	SC-USP3	Shawnee	0.08	0.021	0.00	0.00	0.006	20.7	0.3	0.09	4.52	5.04
3/15/2017	S1	SC-USP3	Shawnee	0.06	0.005	0.01	0.01	0.006	17.9	0.6	0.05	4.48	5.54
1/24/2017	S2	SC-USP2	Shawnee	0.06	0.037	0.01	0.00	0.011	32.1	0.9	0.25	4.41	4.75
1/24/2017	S3	SC-USP1	Shawnee	0.09	0.034	0.03	0.00	0.010	29.1	1.7	0.81	4.60	5.10
1/24/2017	S4	SC-DSP	Shawnee	0.47	0.116	0.35	0.01	0.068	28.0	4.5	2.20	5.41	5.93

Watershed Name Lake Wister Watershed
Number of Sites 26
USGS Station ID 07247015 (Site 1 Cane) and 07247500 (Site 19 Pigeon)
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Dates 7/12/2016 - 7/12/2017

Sample Date	Site Number	Site ID	Stream Name	Method detection limit (MDL)						Turbidity NTU	Total Suspended Solids mg/L	Chlorophyll a µg/L	Chloride mg/L	Sulfate mg/L
				0.03 mg/L	0.005 mg/L	0.02 mg/L	0.01 mg/L	0.002 mg/L	0.015 mg/L					
7/12/2016	1	Cane	Poteau	0.38	0.044	0.06	0.05	0.009	5.9	3.0	2.65	9.25	15.93	
8/10/2016	1	Cane	Poteau	0.35	0.049	0.03	0.04	0.013	12.8	11.6	4.48	17.68	12.36	
9/13/2016	1	Cane	Poteau	0.67	0.086	0.15	0.04	0.054	5.6	1.6	1.06	7.56	8.92	
10/16/2016	1	Cane	Poteau	0.63	0.067	0.10	0.03	0.028	3.5	1.1	0.50	7.44	10.93	
12/10/2016	1	Cane	Poteau	0.51	0.027	0.00	0.03	0.010	5.4	3.1	7.80	83.92	34.11	
1/18/2017	1	Cane	Poteau	0.74	0.067	0.01	0.01	0.004	7.3	6.9	24.82	26.26	21.00	
1/24/2017	1	Cane	Poteau	0.53	0.031	0.00	0.01	0.004	5.3	4.1	14.02	17.46	16.75	
2/1/2017	1	Cane	Poteau	0.64	0.036	0.06	0.03	0.001	4.8	3.8	12.74	26.84	21.07	
2/22/2017	1	Cane	Poteau	1.53	0.160	0.71	0.09	0.086	39.1	15.6	5.14	7.50	12.78	
3/15/2017	1	Cane	Poteau	1.00	0.096	0.46	0.03	0.053	24.6	7.0	3.23	6.73	9.91	
4/25/2017	1	Cane	Poteau	0.80	0.060	0.33	0.02	0.021	11.0	8.0	5.35	11.21	11.12	
5/24/2017	1	Cane	Poteau	0.88	0.093	0.24	0.02	0.020	17.4	12.5	26.41	13.78	9.78	
6/21/2017	1	Cane	Poteau	0.74	0.082	0.22	0.08	0.043	13.4	3.5	4.11	7.21	6.57	
7/12/2017	1	Cane	Poteau	0.96	0.081	0.27	0.04	0.023	15.9	12.5	24.73	9.90	9.60	
7/12/2016	2	Sugar	Poteau	3.12	0.399	0.06	0.01	0.005	19.4	12.7	16.58	9.23	23.63	
8/10/2016	2	Sugar	Poteau	0.40	0.068	0.00	0.01	0.008	26.2	16.4	5.90	11.24	11.65	
9/13/2016	2	Sugar	Poteau	0.65	0.078	0.05	0.02	0.016	12.4	7.6	27.11	8.90	13.54	
10/16/2016	2	Sugar	Poteau	0.59	0.067	0.01	0.02	0.020	10.5	5.9	7.90	8.32	13.44	
12/10/2016	2	Sugar	Poteau	0.37	0.029	0.01	0.03	0.009	7.0	4.1	2.02	31.88	17.85	
1/18/2017	2	Sugar	Poteau	0.76	0.074	0.01	0.01	0.008	13.6	10.0	21.85	59.95	36.67	
1/24/2017	2	Sugar	Poteau	0.58	0.037	0.00	0.01	0.004	9.2	7.1	13.54	25.22	24.87	
2/1/2017	2	Sugar	Poteau	0.57	0.031	0.02	0.02	0.001	5.2	3.9	5.46	15.93	17.13	
2/22/2017	2	Sugar	Poteau	1.47	0.145	0.63	0.10	0.080	33.0	10.7	8.20	7.68	16.52	
3/15/2017	2	Sugar	Poteau	1.06	0.104	0.41	0.04	0.055	29.3	8.2	3.04	6.82	13.59	
4/25/2017	2	Sugar	Poteau	0.71	0.058	0.27	0.02	0.014	16.0	9.8	6.83	9.96	12.74	
5/24/2017	2	Sugar	Poteau	0.69	0.095	0.00	0.02	0.010	19.5	14.6	46.66	6.08	9.22	
6/21/2017	2	Sugar	Poteau	0.98	0.122	0.24	0.10	0.053	16.0	7.6	12.52	6.99	12.71	
7/12/2017	2	Sugar	Poteau	1.19	0.081	0.41	0.01	0.010	14.9	9.7	27.72	17.74	14.19	
7/12/2016	3	Hontubby	Poteau	4.94	0.856	0.10	0.01	0.011	30.7	17.2	10.59	3.18	19.66	
8/10/2016	3	Hontubby	Poteau	0.33	0.057	0.00	0.00	0.004	16.2	12.3	5.03	4.80	15.40	
9/13/2016	3	Hontubby	Poteau	0.32	0.038	0.06	0.01	0.005	15.1	8.6	5.35	2.90	6.09	
10/16/2016	3	Hontubby	Poteau	0.28	0.043	0.02	0.01	0.006	15.0	8.0	3.73	3.24	9.33	
12/10/2016	3	Hontubby	Poteau	0.37	0.072	0.14	0.02	0.058	6.9	1.1	2.50	13.18	39.00	
1/18/2017	3	Hontubby	Poteau	0.15	0.038	0.02	0.01	0.011	12.3	8.6	2.79	3.35	4.47	
1/24/2017	3	Hontubby	Poteau	0.34	0.022	0.14	0.02	0.008	16.6	5.0	2.62	6.81	7.24	
2/1/2017	3	Hontubby	Poteau	0.23	0.027	0.03	0.03	0.002	10.7	5.5	3.38	7.26	9.89	
2/22/2017	3	Hontubby	Poteau	0.44	0.034	0.21	0.02	0.016	21.1	6.9	1.51	3.48	6.02	
3/15/2017	3	Hontubby	Poteau	0.28	0.022	0.11	0.01	0.011	17.0	4.9	0.70	3.17	5.28	
4/25/2017	3	Hontubby	Poteau	0.37	0.039	0.12	0.01	0.012	13.7	10.8	2.65	4.90	8.03	
5/24/2017	3	Hontubby	Poteau	0.44	0.074	0.00	0.02	0.012	17.3	11.2	27.21	4.17	6.92	
6/21/2017	3	Hontubby	Poteau	1.08	0.156	0.36	0.06	0.093	19.5	9.7	7.11	5.28	20.36	
7/12/2017	3	Hontubby	Poteau	0.94	0.072	0.28	0.02	0.010	14.4	8.3	20.33	19.27	14.72	
7/12/2016	4	Conser	Conser	0.23	0.048	0.16	0.00	0.011	33.9	1.9	0.40	1.62	4.38	
8/10/2016	4	Conser	Conser	0.09	0.026	0.02	0.00	0.003	7.1	3.0	0.50	2.01	5.31	
9/13/2016	4	Conser	Conser	0.08	0.005	0.01	0.02	0.000	4.1	0.8	0.76	2.54	5.74	
10/16/2016	4	Conser	Conser	0.09	0.016	0.01	0.01	0.004	1.9	1.7	0.76	3.24	8.85	
12/11/2016	4	Conser	Conser	0.05	0.002	0.02	0.01	0.003	1.2	0.5	0.46	3.42	16.03	
1/24/2017	4	Conser	Conser	0.09	0.004	0.01	0.00	0.004	2.5	0.5	0.56	2.97	15.04	
2/22/2017	4	Conser	Conser	0.22	0.016	0.11	0.00	0.005	16.3	1.6	0.70	2.77	7.44	
3/15/2017	4	Conser	Conser	0.06	0.002	0.02	0.00	0.000	4.4	1.4	1.45	3.95	6.44	
4/25/2017	4	Conser	Conser	0.11	0.016	0.02	0.01	0.004	8.8	1.5	0.50	4.15	5.54	
5/24/2017	4	Conser	Conser	0.11	0.032	0.03	0.01	0.004	11.9	1.1	0.63	3.72	5.06	
6/21/2017	4	Conser	Conser	0.13	0.009	0.04	0.00	0.004	5.5	1.4	0.47	3.34	5.41	
7/12/2017	4	Conser	Conser	0.10	0.018	0.04	0.01	0.000	9.2	0.9	0.90	2.99	5.23	
7/11/2016	5	M-Holson	Holson	0.13	0.037	0.05	0.02	0.007	26.1	2.1	0.31	2.19	3.54	
8/10/2016	5	M-Holson	Holson	0.23	0.024	0.01	0.00	0.001	6.0	3.4	0.66	2.68	3.68	
9/13/2016	5	M-Holson	Holson	0.09	0.006	0.01	0.01	0.000	2.3	1.6	1.64	3.10	4.22	
10/16/2016	5	M-Holson	Holson	0.20	0.016	0.00	0.00	0.004	1.7	1.3	1.27	3.26	5.02	
12/11/2016	5	M-Holson	Holson	0.08	0.006	0.00	0.01	0.000	2.1	1.3	1.11	4.10	12.47	
1/24/2017	5	M-Holson	Holson	0.11	0.005	0.00	0.00	0.001	2.2	1.0	0.59	6.64	16.08	
2/22/2017	5	M-Holson	Holson	0.18	0.015	0.00	0.00	0.002	9.1	2.1	1.49	5.29	6.50	
3/15/2017	5	M-Holson	Holson	0.12	0.002	0.01	0.01	0.001	4.2	1.0	0.65	4.95	4.74	
4/25/2017	5	M-Holson	Holson	0.08	0.012	0.01	0.02	0.004	6.3	1.3	0.67	4.57	5.01	
5/24/2017	5	M-Holson	Holson	0.09	0.028	0.02	0.01	0.002	10.7	1.3	0.94	3.76	4.56	
6/21/2017	5	M-Holson	Holson	0.12	0.017	0.03	0.03	0.004	11.2	1.5	0.81	3.03	3.93	
7/12/2017	5	M-Holson	Holson	0.17	0.023	0.03	0.01	0.001	11.6	0.7	1.01	3.08	4.22	
7/11/2016	6	L-Holson	Holson	0.17	0.038	0.04	0.01	0.007	28.2	3.4	0.40	1.89	3.39	
8/10/2016	6	L-Holson	Holson	0.11	0.025	0.01	0.00	0.001	4.3	2.8	0.82	2.32	3.78	
9/13/2016	6	L-Holson	Holson	0.11	0.007	0.05	0.02	0.000	2.3	1.6	0.53	2.90	5.02	
10/16/2016	6	L-Holson	Holson	0.15	0.015	0.02	0.01	0.003	2.1	1.6	2.41	3.10	5.36	
12/11/2016	6	L-Holson	Holson	0.07	0.004	0.01	0.00	0.000	2.9	2.9	0.55	3.64	5.95	
1/24/2017	6	L-Holson	Holson	0.15	0.002	0.01	0.00	0.001	2.1	0.9	2.00	3.58	6.15	
2/22/2017	6	L-Holson	Holson	0.18	0.003	0.02	0.00	0.000	2.9	0.3	1.04	3.00	6.44	
3/15/2017	6	L-Holson	Holson	0.10	0.002	0.01	0.01	0.002	5.6	1.3	0.78	4.95	6.14	
4/25/2017	6	L-Holson	Holson	0.12	0.017	0.02	0.02	0.002	8.9	1.8	0.83	5.41	6.13	
5/24/2017	6	L-Holson	Holson	0.12	0.034	0.03	0.01	0.003	14.3	2.3	1.14	3.89	5.90	
6/21/2017	6	L-Holson	Holson	0.13	0.019	0.01	0.02	0.005	9.4	2.5	1.07	3.44	5.11	
7/12/2017	6	L-Holson	Holson	0.13	0.028	0.03	0.01	0.002	14.5	1.5	1.47	3.05	5.37	
7/11/2016	7	Holson	Holson	0.25	0.040	0.03	0.01	0.007	29.1	4.2	0.56	1.66	2.82	
8/10/2016	7	Holson	Holson	0.18	0.040	0.00	0.00	0.001	4.8	5.1	5.83	2.47	4.26	
9/13/2016	7	Holson	Holson	0.19	0.016	0.00	0.01	0.000	4.6	4.0	4.88	2.80	4.20	
10/16/2016	7	Holson	Holson	0.18	0.025	0.01	0.01	0.004	3.7	3.5	4.74	2.97	3.99	
12/11/2016	7	Holson	Holson	0.14	0.010	0.02	0.01	0.000	3.6	2.4	3.32	3.53	3.89	
1/24/2017	7	Holson	Holson	0.20	0.012	0.00	0.00	0.000	3.5	3.4	3.86	3.79	4.39	
2/22/2017	7	Holson	Holson	0.33	0.011	0.07	0.00	0.000	3.7	2.3	2.48	4.86	6.67	
3/15/2017	7	Holson	Holson	0.25	0.009	0.02	0.02	0.000	5.8	4.8	1.79	5.21	8.90	

1/25/2017	23	Bandy	Bandy	1.52	0.089	0.68	0.03	0.009	32.4	20.4	25.45	17.09	44.23
2/1/2017	23	Bandy	Bandy	0.86	0.108	0.08	0.05	0.008	24.6	19.2	45.30	18.39	45.27
2/22/2017	23	Bandy	Bandy	1.91	0.187	0.80	0.13	0.039	80.3	50.3	16.92	16.80	40.43
3/15/2017	23	Bandy	Bandy	1.71	0.315	0.00	0.02	0.017	67.8	49.7	113.48	27.04	43.12
4/25/2017	23	Bandy	Bandy	1.62	0.219	0.40	0.32	0.028	101.0	53.0	16.29	9.39	30.69
5/24/2017	23	Bandy	Bandy	1.02	0.167	0.13	0.14	0.041	67.5	44.9	5.75	4.39	11.66
6/21/2017	23	Bandy	Bandy	0.96	0.158	0.11	0.14	0.053	61.4	34.5	9.78	6.93	21.90
7/12/2017	23	Bandy	Bandy	0.76	0.148	0.04	0.14	0.050	41.7	18.8	15.12	4.27	12.55
7/11/2016	24	Coon	Fourche Maline	0.48	0.092	0.03	0.13	0.032	15.5	7.6	5.70	10.41	8.54
8/10/2016	24	Coon	Fourche Maline	0.50	0.056	0.02	0.05	0.012	6.3	6.1	9.66	18.57	2.59
9/13/2016	24	Coon	Fourche Maline	0.76	0.069	0.01	0.21	0.020	6.6	4.0	14.46	15.28	1.72
10/16/2016	24	Coon	Fourche Maline	0.76	0.104	0.02	0.16	0.048	6.2	2.0	1.48	21.68	1.68
12/11/2016	24	Coon	Fourche Maline	0.32	0.027	0.06	0.04	0.008	7.5	4.3	3.08	4.66	5.24
1/18/2017	24	Coon	Fourche Maline	0.50	0.070	0.01	0.01	0.007	15.7	6.5	3.93	28.24	4.41
1/25/2017	24	Coon	Fourche Maline	0.72	0.041	0.00	0.00	0.007	11.5	6.8	21.13	145.92	31.21
2/1/2017	24	Coon	Fourche Maline	0.72	0.074	0.00	0.00	0.005	17.0	12.5	38.24	153.39	31.91
2/22/2017	24	Coon	Fourche Maline	0.54	0.052	0.00	0.01	0.014	18.8	8.0	7.03	35.47	17.09
3/15/2017	24	Coon	Fourche Maline	0.57	0.031	0.00	0.03	0.005	6.2	4.0	2.79	59.16	24.71
4/25/2017	24	Coon	Fourche Maline	0.52	0.039	0.00	0.05	0.006	14.5	11.7	17.15	10.05	10.95
5/24/2017	24	Coon	Fourche Maline	0.49	0.055	0.01	0.04	0.022	27.1	15.30	4.73	3.59	5.59
6/21/2017	24	Coon	Fourche Maline	0.52	0.057	0.03	0.07	0.011	20.0	12.8	4.78	3.54	4.41
7/12/2017	24	Coon	Fourche Maline	0.46	0.054	0.05	0.05	0.018	20.8	9.4	2.01	3.93	4.92
7/11/2016	25	Cunneo	Cunneo	0.47	0.044	0.09	0.06	0.007	16.9	5.0	4.33	6.43	10.45
8/10/2016	25	Cunneo	Cunneo	0.34	0.041	0.02	0.01	0.002	11.8	7.1	2.33	7.75	8.00
9/13/2016	25	Cunneo	Cunneo	0.33	0.022	0.07	0.03	0.001	10.3	3.0	2.80	9.52	7.78
10/16/2016	25	Cunneo	Cunneo	0.26	0.031	0.03	0.03	0.002	6.1	1.8	5.02	11.81	11.11
12/11/2016	25	Cunneo	Cunneo	0.25	0.013	0.02	0.02	0.008	5.9	1.7	0.78	20.81	12.24
1/25/2017	25	Cunneo	Cunneo	0.39	0.017	0.06	0.01	0.004	13.0	5.4	2.56	18.62	15.31
2/22/2017	25	Cunneo	Cunneo	0.46	0.038	0.09	0.02	0.008	42.2	10.5	1.38	12.86	13.46
3/15/2017	25	Cunneo	Cunneo	0.27	0.009	0.03	0.02	0.004	9.8	2.8	1.09	17.58	15.94
4/25/2017	25	Cunneo	Cunneo	0.51	0.049	0.07	0.07	0.004	36.9	10.6	1.44	7.72	8.54
5/24/2017	25	Cunneo	Cunneo	0.57	0.062	0.01	0.04	0.023	39.0	14.0	1.54	2.30	3.70
6/21/2017	25	Cunneo	Cunneo	0.54	0.059	0.04	0.04	0.013	46.0	14.7	1.53	2.54	3.90
7/12/2017	25	Cunneo	Cunneo	0.33	0.048	0.03	0.05	0.014	25.6	8.5	1.88	3.11	4.73
8/10/2016	26	Shawnee 59	Shawnee	0.59	0.432	0.25	0.02	0.367	16.1	7.8	4.09	5.77	7.35
9/12/2016	26	Shawnee 59	Shawnee	0.88	0.690	0.30	0.02	0.632	17.9	8.0	18.84	10.85	11.93
10/16/2016	26	Shawnee 59	Shawnee	1.27	0.790	0.65	0.03	0.703	7.8	5.0	2.45	16.60	16.99
12/11/2016	26	Shawnee 59	Shawnee	4.19	0.373	3.16	0.61	0.193	11.4	6.8	3.43	25.11	24.14
1/24/2017	26	Shawnee 59	Shawnee	0.64	0.129	0.49	0.01	0.078	27.6	5.1	1.29	5.28	5.98
2/22/2017	26	Shawnee 59	Shawnee	0.39	0.100	0.17	0.00	0.054	29.7	7.6	2.52	4.95	5.66
3/15/2017	26	Shawnee 59	Shawnee	0.32	0.123	0.13	0.01	0.089	21.9	6.4	3.09	5.52	5.94
4/25/2017	26	Shawnee 59	Shawnee	0.25	0.198	0.08	0.00	0.152	24.4	6.2	1.90	4.97	5.84
5/24/2017	26	Shawnee 59	Shawnee	0.24	0.160	0.05	0.01	0.096	32.2	7.9	2.84	4.13	5.65
6/21/2017	26	Shawnee 59	Shawnee	0.43	0.358	0.10	0.06	0.287	29.2	12.3	8.08	5.06	6.10
7/12/2017	26	Shawnee 59	Shawnee	0.32	0.133	0.07	0.02	0.089	26.8	6.2	2.23	3.68	4.93

Routine monitoring locations

Site number	Site ID	Stream name	Latitude	Longitude
1	Cane	Poteau River	34.879792	-94.482964
2	Sugar	Poteau River	34.858727	-94.565663
3	Hontubby	Poteau River	34.85842	-94.629193
4	Conser	Conser Creek	34.845077	-94.692744
5	M-Holson	Holson Creek	34.8069	-94.83762
6	L-Holson	Holson Creek	34.82422	-94.876719
7	Holson	Holson Creek	34.879372	-94.853246
8	Rock	Rock Creek (East)	34.843053	-94.635646
9	Coal270	Coal Creek	34.951433	-94.899822
10	U-Black	Black Fork Poteau River	34.759984	-94.490154
11	Big	Big Creek	34.769161	-94.498733
12	Haws	Black Fork Poteau River	34.7926	-94.525703
13	Shawnee	Shawnee Creek	34.767938	-94.627616
14	Cedar59	Cedar Creek	34.778522	-94.640015
15	L-Black	Black Fork Poteau River	34.843244	-94.624778
16	L-Long	Long Creek	34.908361	-94.980265
17	U-Long	Long Creek	34.851178	-95.066231
18	U-Long Trib	Rock Creek (west)	34.840065	-95.053819
19	Pigeon	Fourche Maline	34.929328	-94.981293
20	Red	Red Oak Creek	34.935966	-94.98092
21	Little	Little Fourche Maline	34.927457	-95.162592
22	Clear	Fourche Maline	34.912397	-95.156099
23	Bandy	Bandy Creek	34.902306	-95.261463
24	Coon	Fourche Maline	34.932511	-95.31949
25	Cunneo	Cunneo Creek	34.941923	-95.297509
26	Shawnee 59	Shawnee Creek	34.749387	-94.627892

Additional sampling locations

Site number	Site ID	Stream name	Latitude	Longitude
F1	UFM-1	Fourche Maline	35.005055	-95.335085
F2	UFM-2	Fourche Maline	34.985899	-95.355143
F3	UFM-3	Fourche Maline	34.965604	-95.358937
F4	UFM-4	Fourche Maline	34.9418	-95.341177
F5	UFM-5	Fourche Maline Tributary	34.938014	-95.340799
B1	UBC-1	Bandy Creek	34.911156	-95.331859
B2	UBC-2	Bandy Creek	34.909708	-95.32295
B3	UBC-3	Bandy Creek Tributary	34.898378	-95.31806
B4	UBC-4	Bandy Creek	34.913107	-95.315063
B5	UBC-5	Bandy Creek Tributary	34.891209	-95.320359
P4	Oil B.	Oil Branch	34.863019	-94.57684
P3	Hontubby Cr.	Hontubby Creek	34.851965	-94.566317
P2	Sugar Cr.	Sugar Creek	34.872353	-94.526175
P1	Loving	Loving Creek	34.866831	-94.481321
S4	SC-DSP1	Shawnee Creek	34.749462	-94.63108
S3	SC-USP1	Shawnee Creek	34.74953	-94.631235
S2	SC-USP2	Shawnee Creek	34.750015	-94.638966
S1	SC-USP3	Shawnee Creek	34.742661	-94.649013