

Station Name Plum Creek at CR 202 (Old McMahon Road)
 TCEQ Segment No. 1810
 TCEQ Station Id No. 12647
 Monitoring Type Routine
 Latitude 29.865290 Longitude -97.615261

Parameter	Parameter Code	Date and 24 hour time										
		2/18/08	3/12/08	4/9/08	5/7/08	6/11/08	7/3/08	8/6/08	8/19/08	9/9/08	10/7/08	11/12/08
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Dry	Dry	Dry	Dry	Wet	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		1.12"	1.89"	0.11"	0.28"	0.19"	0.44"	0.00"	1.35"	0.15"	0.42"	0.02"
Flow (cfs)	00061	9.2	43	6	5.4	2.6	2.6	1.9	6.6	2.1	3.2	2
E coli (organisms/100 mL)	31699	46	2250	68	340	110	220	74	690	180	84	130
Suspended Solids (mg/L)	00530	15.7	84.5	4	8.3	9.3	17	10.3		9	22	5.3
Turbidity (NTU)	82079	8.17	52.6	5.53	12	7.79	11.3	7.8		8.58	13.6	3.96
pH	00400	8.04	7.83	7.81	8	7.97	7.8	8	7.9	7.9	7.9	7.8
Temperature (C)	00010	15.1	14.9	22.8	22.6	26.7	25.4	26.9	25.2	26.5	23.7	20.5
Dissolved Oxygen (mg/L)	00300	11.1	9.66	6.55	7.2	7.31	7.2	7.3	6.8	8.5	7.3	7.2
Conductivity (umhos/cm)	00094	1054	561	942	857	969	861	838	1290	892	936	963
Total Phosphorus (mg/L)	00665	1.32	0.62	0.99	0.84	1.42	1.05	1.46	1.21	0.95	2.21	1.34
Nitrate-N (mg/L)	00620	8	1.40	3.56	3.72	5.04	4.1	6.78	2.44	5.41	13.6	10.4
Chloride (mg/L)	00940	105	27	95.2	65.7	105	77.9	77.8		84.5	95.5	93.5
Sulfate (mg/L)	00945	103	40.4	85.6	71.4	77.5	68.5	69		64.3	68.8	81.5
Total Hardness (mg/L)	00900	323	176	307	296	298	267	291		276	319	317
Ammonia-N (mg/L)	00610	<0.10	0.10	0.19	<0.10	0.12	0.13	0.14	0.11	0.1	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	1	4	1.2	1.2	2.1	3.5	6.7		1.8	3.6	3
Pheophytin (mg/m ³)	32218	<1.0	1.9	<1.0	<1.0	<1.0	1.3	<1.0		<1.0	<1.0	<1.0
TKN (mg/L)	00625											

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date and 24 hour time										
		12/4/08	1/7/09	3/16/09	4/28/09	5/5/09	6/3/09	7/6/09	8/3/09	9/3/09	9/15/09	10/5/09
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Dry	Wet	Dry	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		0.06"	0.00"	2.47"	1.63"	0.03"	0.08"	0.37"	0.17"	0.00"	4.19"	1.01"
Flow (cfs)	00061	3.8	4.9	8.3	5.4	5	2.1	1.5	1.3	1.3	9.8	283
E coli (organisms/100 mL)	31699	77	170	210	900	160	280	150	200	55	1380	2010
Suspended Solids (mg/L)	00530	5	<1.0			41.7	15.7	8.3	7.3	13.7		414
Turbidity (NTU)	82079	3.66	3.15			23.6	9.69	5.3	3.4	9.6		389
pH	00400	7.7	7.8	8	7.8	7.8	7.9	7.7	8	7.8	7.7	7.9
Temperature (C)	00010	12.7	11.6	14.7	21.7	23.8	25.1	28.1	27.9	25.8	24.1	23.3
Dissolved Oxygen (mg/L)	00300	7.5	11.7	13.6	7.7	7.1	9.5	4.4	8.1	7.6	7	8.3
Conductivity (umhos/cm)	00094	1090	1040	1140	665	870	912	1010	978	976	501	396
Total Phosphorus (mg/L)	00665	1.72	1.94	2.26	1.06	1.34	2.14	1.94	2.14	2.16	0.94	0.6
Nitrate-N (mg/L)	00620	8.86	9.75	11.5	2.23	3.58	5.8	3.32	5.88	6.28	1.52	1.07
Chloride (mg/L)	00940	123	113			98	93.4		112	110		23.5
Sulfate (mg/L)	00945	92.9	86.2			66.8	60.2		65.7	63.5		43.2
Total Hardness (mg/L)	00900	348	324			259	281	274	278	265		231
Ammonia-N (mg/L)	00610	0.15	0.1	<0.10	0.18	0.16	0.11	0.2	0.21	0.14	0.13	0.13
Chlorophyll a (mg/m ³)	32211	<1.0	<1.0			1.1	2	3.7	1.7	2.4		<1
Pheophytin (mg/m ³)	32218	<1.0	<1.0			<1.0	<1.0	<1.0	<1.0	1.2		<1
TKN (mg/L)	00625											1.68

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Parameter	Parameter Code	Date and 24 hour time										
		11/4/09	12/1/09	1/12/10	2/3/10	3/10/10	4/14/10	5/4/10	6/16/10	7/6/10	8/3/10	9/7/10
Weather Conditions (Wet or Dry)		Dry	Wet	Dry	Wet	Wet	Dry	Dry	Wet	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		0.06"	1.35"	0.02"	2.08"	0.12"	0.00"	0.00"	2.27"	2.44"	1.21"	3.73"
Flow (cfs)	00061	21	13	10.9	1010	24.9	8.4	6.3	14.6	10.6	4.3	187
E coli (organisms/100 mL)	31699	61	160	16	280	160	160	73	110	480	260	>24200
Suspended Solids (mg/L)	00530	19.7	12	2	17.3	12	1	9.7	26.3	36.7	42.3	
Turbidity (NTU)	82079	14.6	16.4	3	14.8	6.9	9.2	7.8	19.1	28.2	13.5	
pH	00400	8	7.7	8.2	7.9	7.9	8	8	7.8	8	8	7.8
Temperature (C)	00010	18.1	13.2	8.1	11	18.6	20	20.9	28.1	28.3	27.4	25.3
Dissolved Oxygen (mg/L)	00300	9.6	10.9	11.2	12.1	10.3	12.3	8.8	6.5	7.5	10.3	9.6
Conductivity (umhos/cm)	00094	670	801	916	735	827	1000	1000	742	646	827	372
Total Phosphorus (mg/L)	00665	0.5	0.5	0.62	0.46	0.47	0.69	0.65	0.47	0.79	0.86	0.83
Nitrate-N (mg/L)	00620	3.81	3.08	5.76	5.16	3.2	5.66	5.72	2.98	2.8	8.4	2.25
Chloride (mg/L)	00940	45.5	67.7	83.8	50.1	68.6	91.2	92.4	68.6	56.1	67.2	
Sulfate (mg/L)	00945	55.6	89	106	72.8	73.6	98.8	95.4	71.3	64	76.5	
Total Hardness (mg/L)	00900	239	310	331	278	290	326	324	237	218	286	
Ammonia-N (mg/L)	00610	<0.1	0.12	<0.10	<0.10	<0.10	0.13	0.17	0.12	0.12	0.13	0.1
Chlorophyll a (mg/m ³)	32211	<1	<1	1	<1.0	1.5	4.1	<1	1.2	<1.0	1.5	
Pheophytin (mg/m ³)	32218	<1	<1	<1.0	<1.0	1.3	3.5	<1	1.1	<1.0	2	
TKN (mg/L)	00625		0.84		0.94		0.91		0.71		0.75	

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 Monitoring Type Routine
 Latitude 29.865290 Longitude -97.615261

Parameter	Parameter Code	Date and 24 hour time										
		9/15/10	10/7/10	11/15/10	12/2/10	1/5/11	2/7/11	3/3/11	4/5/11	5/13/11	6/2/11	7/12/11
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Dry	Dry	Wet	Dry	Dry	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.00"	0.42"	0.01"	0.05"	0.21"	0.00"	0.18"	1.73"	0.00"	0.00"
Flow (cfs)	00061	51	6.4	4.9	5.4	6.3	9.8	6.3	5.5	3.6	3.1	1.3
E coli (organisms/100 mL)	31699	360	79	190	96	190	36	210	210	13000	410	330
Suspended Solids (mg/L)	00530	38.7	9.4	5.9	6.2	6.1	2.6	12.4	11	21.3	30.8	25.8
Turbidity (NTU)	82079	30.5	5.2	2.8	3.2	4.5	2.8	5.2	7.3	12.5	22.8	16.0
pH	00400	8	8.1	7.9	8	8	8.3	8.1	8	7.7	8.1	8.0
Temperature (C)	00010	28.3	18.7	15.7	22.6	14.1	9.7	15.7	18.2	22.9	26.5	27.8
Dissolved Oxygen (mg/L)	00300	6.5	9	8.1	10.2	9.9	13.4	10.1	8.3	6.3	7.7	6.6
Conductivity (umhos/cm)	00094	681	865	1030	1020	909	902	981	1040	827	1000	960
Total Phosphorus (mg/L)	00665	0.55	0.93	1.74	1.47	1.21	1.06	1.05	1.26	1.28	1.38	1.73
Nitrate-N (mg/L)	00620	3.34	9.42	16.3	13.2	9.6	7.64	6.96	4	3.79	6.56	6.28
Chloride (mg/L)	00940	75.8	81.8	96.2	104	89.4	75.3	106	128	95.2	119	102
Sulfate (mg/L)	00945	65.8	72.2	82.7	79.9	77	75.4	89	76.9	66.6	78.6	73.7
Total Hardness (mg/L)	00900	201	269	320	323	278	292	296	291	248	318	286
Ammonia-N (mg/L)	00610	<0.10	0.13	0.10	0.11	0.13	0.13		0.22	0.16	0.13	0.18
Chlorophyll a (mg/m ³)	32211	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	1.2	2.4	4.9	5.0
Pheophytin (mg/m ³)	32218	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1	1.5	1.8	<1	<1.0
TKN (mg/L)	00625		0.58		0.61		0.53		0.79	1.37	0.7	0.58

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Parameter	Parameter Code	Date and 24 hour time										
		8/1/11	9/13/11	10/10/11	11/7/11	12/6/11	1/10/12	1/31/12	2/13/12	3/6/12	4/4/12	5/2/12
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Dry	Wet	Dry	Wet	Wet	Wet	Wet	Dry
Rainfall (Inches)* within last 7 days		0.05"	0.00"	1.82"	0.01"	2.09"	0.62"	6.52"	.30"	0.01"	0.07"	0.00"
Flow (cfs)	00061	1.6	2	3.1	1.6	44	12.4	450	50	25	95	6.1
E coli (organisms/100 mL)	31699	550	200	910	190	410	150	1040	480	160	250	690
Suspended Solids (mg/L)	00530	18.4	15.5	38.5	15.8	63.7	25.1	331	37.1	10.6	59.7	10.9
Turbidity (NTU)	82079	7.1	8.2	18.6	8.1	48.7	13.9		34.4	6.6	54.4	7
pH	00400	8	7.8	7.8	7.9	7.8	8	8	7.9	8.0	7.8	7.9
Temperature (C)	00010	28.8	25.7	22.5	20.1	10.8	12.7	14.3	10.4	16.9	22.9	24
Dissolved Oxygen (mg/L)	00300	7.4	8.2	6.8	8.4	10.4	10.7	9.1	10.5	9.6	7.1	6.8
Conductivity (umhos/cm)	00094	990	1030	1140	1030	1040	990	223	659	790	473	976
Total Phosphorus (mg/L)	00665	2.69	2.27	1.65	1.8	2.21	1.13	0.30	0.38	0.46	0.22	0.8
Nitrate-N (mg/L)	00620	16.1	10	3.5	11.4	6.98	5.2	0.73	5.24	4.04	1.14	4.36
Chloride (mg/L)	00940	102	115	135	117	121	111		48.8	57	24	94.2
Sulfate (mg/L)	00945	64.4	56.8	86	75.6	90	88.3		68.8	107	40	80.7
Total Hardness (mg/L)	00900	262	276	296	300	266	294		245	288	205	321
Ammonia-N (mg/L)	00610	0.17	<0.10	<0.10	0.1	0.14	0.34	0.71	0.26	0.26	0.44	0.34
Chlorophyll a (mg/m ³)	32211	3.2	1.6	2	4.9	1.1	1.8		2.4	1.0	4.7	<1
Pheophytin (mg/m ³)	32218	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	1.4
TKN (mg/L)	00625	0.67	0.54	0.68	0.51	1.15	0.87	1.14	0.79	0.60	0.98	0.97

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Parameter	Parameter Code	Date and 24 hour time										
		6/14/12	7/10/12	7/16/12	8/14/12	9/5/12	10/1/12	11/14/12	12/18/12	1/7/13	1/16/13	2/4/13
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Dry	Dry	Wet	Dry	Dry	Dry	Wet	Dry
Rainfall (Inches)* within last 7 days		0.21"	0.63"	2.78"	0.00"	0.00"	1.97"	0.00"	0.45"	0.37"	0.07"	0.02"
Flow (cfs)	00061	5.2	3.1	86	2.6	2.3	18	3.4	4.6	4.7	7.2	5.7
E coli (organisms/100 mL)	31699	130	1200	600	230	210	1300	110	250	170	300	390
Suspended Solids (mg/L)	00530	9.3	23.2	150	6.3	7.20	86	6.9	12.4	4.14	14.1	17.2
Turbidity (NTU)	82079	4.9	12.9		5.5	5.8	60.9	6.1	7.4	3.7		10.1
pH	00400	8.1	8.1	7.6	8	7.9	7.9	7.9	8	8.3	8.0	8.2
Temperature (C)	00010	27.4	26.2	25.5	27.7	27	22.3	14.6	15.3	9.9	8.4	16.9
Dissolved Oxygen (mg/L)	00300	7.2	6.4	6.6	8.7	7.9	7.5	10	11	12.1	11.4	11.2
Conductivity (umhos/cm)	00094	952	870	260	876	954	1020	1030	1110	1020	954	1030
Total Phosphorus (mg/L)	00665	0.99	1.46	0.48	1.82	2.01	2.15	1.32	2.35	1.31	1.13	1.30
Nitrate-N (mg/L)	00620	3.88	7.48	0.87	7.86	12.6	11.6	5.36	5.36	9.68	5.52	7.28
Chloride (mg/L)	00940	90.3	82.1		99.4	106	138	115	130	120		138
Sulfate (mg/L)	00945	97.2	319		85.4	65.3	87.2	72.7	75.1	79.6		86
Total Hardness (mg/L)	00900	290	278		268	275	275	297	340	292		288
Ammonia-N (mg/L)	00610	0.26	0.31	0.15	0.17	0.18	0.24	0.16	0.90	0.17	0.57	0.18
Chlorophyll a (mg/m ³)	32211	1.7	<1.0		4.8	1.78	<1	<1.00	3.96	<1.00		1.13
Pheophytin (mg/m ³)	32218	<1	2.3		1.9	<1	9.7	<1.00	56.9	<1.00		8.32
TKN (mg/L)	00625	1.03	0.43	1.23	0.34	<0.2	0.47	0.37	1.94	<0.20	0.51	0.39

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Station Name Plum Creek at CR 202 (Old McMahan Road)
 TCEQ Segment No. 1810
 TCEQ Station Id No. 12647
 Monitoring Type Routine
 Latitude 29.865290 Longitude -97.615261

Parameter	Parameter Code	Date and 24 hour time										
		3/20/13	4/4/13	5/9/13	6/5/13	7/1/13	8/7/13	9/10/13	9/24/13	10/2/13	11/18/13	12/4/13
Weather Conditions (Wet or Dry)		Dry	Wet	Dry	Dry	Dry	Dry	Dry	Wet	Wet	Wet	Dry
Rainfall (Inches)* within last 7 days		0.29"	3.02"	0.01"	.08"	.55"	0.00"	0.23"	2.97"	1.95	0.00"	0.67"
Flow (cfs)	00061	6.2	14	2.5	6.6	3.1	1.7	1.5	3.0	88	264	18
E coli (organisms/100 mL)	31699	440	1500	120	210	220	260	370	460	50	130	370
Suspended Solids (mg/L)	00530	18.0	74.0	11.0	40.2	10.8	10.0	12.8	13.8	161	47.5	11.8
Turbidity (NTU)	82079	10.9	53.5	6.24	31.9	6.9	5.4	6.8		130	41.0	9.5
pH	00400	7.8	7.8	8.0	7.7	7.9	7.8	7.8	7.9	7.8	7.8	7.8
Temperature (C)	00010	20.4	15.8	22.3	26.6	26.3	28.4	26.2	23.2	25.4	18.7	16.0
Dissolved Oxygen (mg/L)	00300	9.5	8.3	7.4	6.5	6.8	7.3	7.3	8.1	7.0	8.3	8.4
Conductivity (umhos/cm)	00094	952	999	1020	833	828	1020	1070	887	718	291	738
Total Phosphorus (mg/L)	00665	1.42	1.60	1.22	1.10	1.30	1.73	1.92	1.44	0.47	0.19	0.52
Nitrate-N (mg/L)	00620	2.53	4.88	4.34	3.18	4.96	4.60	6.44	5.76	0.96	0.51	4.04
Chloride (mg/L)	00940	110	134	126	93.1	83.1	122	138		110	9.04	55.6
Sulfate (mg/L)	00945	80.2	81.6	77.5	63.7	56.4	69.1	85.0		61.9	17.3	84.4
Total Hardness (mg/L)	00900	292	245	291	223	238	270	274		181	134	270
Ammonia-N (mg/L)	00610	0.26	0.20	0.16	0.17	0.13	0.17	0.21	0.18	<0.10	<0.10	0.11
Chlorophyll a (mg/m ³)	32211	<1.0	4.27	1.48	<1.0	1.87	<1.0	4.36		13.5	1.82	1.39
Phaeophytin (mg/m ³)	32218	15.30	2.08	1.22	<1.0	<1.0	<1.0	1.14		<1.0	1.92	<1.0
TKN (mg/L)	00625	1.84	1.08	0.71	0.83	0.50	0.28	0.31	0.39	0.93	0.46	0.47

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Parameter	Parameter Code	Date and 24 hour time										
		01/13/14	2/5/14	3/10/14	4/9/14	5/8/14	5/15/14	6/10/14	7/2/14	8/6/14	9/3/14	9/22/14
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Dry	Dry	Wet	Dry	Dry	Dry	Dry	Wet
Rainfall (Inches)* within last 7 days		0.41"	0.21"	0.88"	0.44"	0.0"	4.34"	0.09"	0.03"	0.00"	0.01	4.37"
Flow (cfs)	00061	7.7	6.8	22	4.7	3.3		9.0	3.2	2.2	2.8	44
E coli (organisms/100 mL)	31699	120	340	280	460	250	1100	340	550	460	220	740
Suspended Solids (mg/L)	00530	4.10	1.50	12.7	5.10	8.20	82.0	14.5	5.40	8.70	8.80	38.5
Turbidity (NTU)	82079	2.6	1.7	11.5	3.5	8.8		---	3.5	5.6	4.1	
pH	00400	8.2	7.9	7.9	8.0	7.8	8.5	7.6	7.8	7.9	8.2	7.7
Temperature (C)	00010	13.1	10.6	15.4	17.4	23.0	18.4	26.7	27.6	27.1	28.7	25.7
Dissolved Oxygen (mg/L)	00300	9.1	13.3	10.1	11.8	6.3	8.5	6.8	6.9	3.9	7.6	6.9
Conductivity (umhos/cm)	00094	969	1050	1010	1110	1100	733	729	907	1090	999	956
Total Phosphorus (mg/L)	00665	0.99	1.21	1.00	1.62	1.97	0.46	0.92	0.92	1.56	1.88	1.16
Nitrate-N (mg/L)	00620	5.12	4.60	7.80	6.20	3.70	1.30	3.50	4.20	4.82	6.70	3.83
Chloride (mg/L)	00940	104	93.6	123	138	136		66.6	85.7	109	135	
Sulfate (mg/L)	00945	109	94.4	96.7	98.2	84.6		57.0	76.8	68.4	75.8	
Total Hardness (mg/L)	00900	282	273	286	281	318		234	278	257	264	
Ammonia-N (mg/L)	00610	<0.10	<0.10	0.34	0.26	0.35	0.30	0.22	0.30	0.16	0.29	0.23
Chlorophyll a (mg/m ³)	32211	4.45	2.08	---	1.66	<1.0		2.43	<1.0	1.66	<1.0	
Phaeophytin (mg/m ³)	32218	1.45	<1.0	---	<1.0	6.52		<1.0	<1.0	<1.00	<1.0	
TKN (mg/L)	00625	0.70		1.30	0.886	1.05	1.13	2.69	0.71	0.64	0.47	1.18

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date and 24 hour time										
		10/6/14	11/3/14	12/1/14	1/5/15	1/26/15	2/3/15	2/24/15	3/11/15	4/8/15	4/20/15	5/7/15
Weather Conditions (Wet or Dry)		.38"	.17"	0.0"	1.18"	3.26"	.49"	0.00"	2.19"	0.04"	1"	1.76"
Rainfall (Inches)* within last 7 days		Dry	Dry	Dry	Dry	Wet	Dry	Dry	Wet	Dry	Wet	Wet
Flow (cfs)	00061	5.5	3.2	14	29	282	45	9.3	454	17	381	38
E coli (organisms/100 mL)	31699	290	170	240	1400	1600	170	140	1900	160	1200	260
Suspended Solids (mg/L)	00530	13.7	6.50	11.8	22.6	130	23.4	4.60	129	12.1	122	46.5
Turbidity (NTU)	82079	8.0	2.4	12.9	22.8		22.4		80.9	10.6		32.6
pH	00400	7.9	8.0	7.5	7.8	7.8	8.0	8.0	7.9	7.9	7.6	7.6
Temperature (C)	00010	23.8	19.4	16.5	8.9	10.6	11.0	8.2	13.1	22.2	20.8	24.0
Dissolved Oxygen (mg/L)	00300	7.2	8.1	8.1	11.5	10.3	10.3	11.7	9.7	7.5	7.6	7.6
Conductivity (umhos/cm)	00094	959	1020	587	670	357	636	897	409	732	427	693
Total Phosphorus (mg/L)	00665	1.55	1.91	0.79	0.36	0.18	0.39	0.72	0.27	0.55	0.24	0.67
Nitrate-N (mg/L)	00620	6.96	11.9	3.20	2.60	0.91	2.24	4.28	0.80	1.96	0.46	2.00
Chloride (mg/L)	00940	112	139	54.8	63.5		52.3		25.1	65.2		57.4
Sulfate (mg/L)	00945	66.3	76.8	48.4	73.9		61.7		45.1	69.1		61.7
Total Hardness (mg/L)	00900	248	261	192	241		240		169	250		286
Ammonia-N (mg/L)	00610	0.21	0.21		0.22	0.16	<0.10	<0.10	0.11	0.36	0.11	0.10
Chlorophyll a (mg/m ³)	32211	<1.0	<1.0	<1.0	2.37		1.64		9.88	<1.0		1.34
Phaeophytin (mg/m ³)	32218	<1.0	<1.0	<1.0	<1.0		<1.0		<1.0	<1.0		<1.0
TKN (mg/L)	00625	0.27	<0.20		0.68	0.76	0.73	0.75	0.99	0.67	0.71	0.86

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Station Name Plum Creek at CR 202 (Old McMahon Road)
 TCEQ Segment No. 1810
 TCEQ Station Id No. 12647
 Monitoring Type Routine
 Latitude 29.865290 Longitude -97.615261

Parameter	Parameter Code	Date and 24 hour time										
		6/9/15	7/9/15	8/3/15	09/17/15	10/07/15	10/28/15	11/18/15	12/02/15	12/17/15	01/05/16	02/02/16
Weather Conditions (Wet or Dry)		0.00"	0.00"	0.00"	Wet	Dry	Wet	Wet	Dry	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		Dry	Dry	Dry	2.40"	0.00"	7.55"	0.37"	0.69"	1.21"	0.29"	0.16"
Flow (cfs)	00061	384	16	6.6	5.7	4.2	61	351	42	58	44	
E coli (organisms/100 mL)	31699	99	161	170	730	250	470	550	93	470	250	120
Suspended Solids (mg/L)	00530	57.5	14.6	6.00	12	6.4	14.2	74.60	10.3	18.7	11.7	
Turbidity (NTU)	82079	34.8	9.9	3.9	7.9	4.7		60.2	8.4		10.1	
pH	00400	7.9	8.0	7.9	8	7.9	7.6	8.0	7.9	8	8.1	
Temperature (C)	00010	28.0	27.3	27.1	25.3	22.4	19.4	17.7	13.3	13.6	10.4	
Dissolved Oxygen (mg/L)	00300	7.5	7.0	7.4	6.7	7.9	8	8.9	9.7	9.6	10.7	
Conductivity (umhos/cm)	00094	364	822	946	1040	1080	818	341	750	605	833	
Total Phosphorus (mg/L)	00665	0.21	0.60	0.65	1.41	1.88	0.57	0.17	0.54	0.31	0.63	0.45
Nitrate-N (mg/L)	00620	0.58	4.67	6.68	11.00	14.7	4.5	0.62	3.92	2.18	4.32	4.80
Chloride (mg/L)	00940	12.8	69.2	85.7	121	134		14	63.8		70.3	97
Sulfate (mg/L)	00945	18.7	78.7	83.6	81.7	75		30	81.2		93.4	95.3
Total Hardness (mg/L)	00900	161	297	298	296	279		151	258		286	
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	1.37	<0.10	1.43	<0.10
Chlorophyll a (mg/m ³)	32211	4.37	<1.00	<1.00	1.36	1.42		3.35	5.81		2.52	
Pheophytin (mg/m ³)	32218	2.43	<1.00	<1.00	<1.0	<1.0		<1.0	<1.0		<1.0	
TKN (mg/L)	00625	0.89	0.41	<0.20	<0.20	<0.20	4.5	0.64	1.04	0.81	2.07	0.82

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date and 24 hour time										
		3/1/16	3/14/16	4/6/16	5/2/16	5/23/16	6/8/16	7/12/16	7/27/16	8/1/16	9/7/16	10/24/16
Weather Conditions (Wet or Dry)		0.00"	3.18"	0.16"	1.7"	3.15"	2.05"	0.04"	1.90"	1.14"	Dry	Dry
Rainfall (Inches)* within last 7 days		Dry	Wet	Dry	Wet	Wet	Wet	Dry	Wet	Wet	0.78"	0.02"
Flow (cfs)	00061	12	169	10	193	698*	755*	8	8.9	57*	16	9.5
E coli (organisms/100 mL)	31699	190	500	360	2300	410	200	1400	160	280	610	120
Suspended Solids (mg/L)	00530	10.1	73.0	11.6	15.30	65.8	48.2	13.9	17.2	39.8	12.9	5.40
Turbidity (NTU)	82079	5.0		9.3	71.3		41.6	13.0		46.7	14.2	4.9
pH	00400	8.0	7.8	8	7.9	7.8	7.7	7.9	7.7	7.8	7.6	7.8
Temperature (C)	00010	19.9	19.7	19.2	22.1	23.6	26.8	27.6	26.9	27.8	28	20.0
Dissolved Oxygen (mg/L)	00300	8.9	8.2	8.8	7.6	7.6	7.2	6.8	6.9	7.3	7.1	7.4
Conductivity (umhos/cm)	00094	921	494	943	439	286	317	916	1000	545	752	1010
Total Phosphorus (mg/L)	00665	0.54	0.24	0.70	0.31	0.26	0.14	0.74	0.92	0.38	0.76	0.81
Nitrate-N (mg/L)	00620	4.08	1.53	0.94	0.32	0.44	0.37	9.54	8.36	2.29	5.31	9.10
Chloride (mg/L)	00940	98.9	95.8	18.9	18.9	9.73	85.2	38.6	61.0	76.3		
Sulfate (mg/L)	00945	117	1.72	46.2	19.3	84.9	63.9	70.1	76.2			
Total Hardness (mg/L)	00900	285	297	219	135	291		185	256	307		
Ammonia-N (mg/L)	00610	<0.10	<0.10	0.22	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	1.78		<1.0	15.5		3.66	1.01	7.86	<1.00	<1.00	
Pheophytin (mg/m ³)	32218	<1.0		<1.0	<1.0		<1.0	<1.0	1.17	<1.00	<1.00	
TKN (mg/L)	00625	1.27	1.20	0.78	1.45	0.77	0.83	<0.20	<0.20	1.02	0.34	<0.20

* Estimate due to high flows

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date and 24 hour time										
		11/14/16	12/12/16	1/11/17	2/20/17	3/13/17	4/3/17	5/8/17	6/5/17	7/24/17	8/7/17	9/6/17
Weather Conditions (Wet or Dry)		0.75"	0.01"	0.00"	2.61"	0.70"	2.08"	0.00"	1.93"	0.00"	2.92"	0.00"
Rainfall (Inches)* within last 7 days		Dry	Dry	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry
Flow (cfs)	00061	17	49*	14	Too High	1220	462*	13	72	5.6	39	813
E coli (organisms/100 mL)	31699	520	150	240	15000	3200	17000	130	430	580	35000	40
Suspended Solids (mg/L)	00530	9.40	17.5	5.50	989	71.3	153	15.4	322	9.20	197	53.0
Turbidity (NTU)	82079	6.7	18.4	3.6	325	84.6	231	11.6	323	7.2	142	33.5
pH	00400	7.8	7.5	7.9	7.7	7.7	7.8	7.7	7.8	8.0	8.0	7.6
Temperature (C)	00010	19.4	12.8	15.3	18.5	15.8	20.6	22.3	24.3	28.0	24.5	26.4
Dissolved Oxygen (mg/L)	00300	8.0	10.1	10.4	9.0	9.4	8	7.9	8.7	7.1	7.5	4.0
Conductivity (umhos/cm)	00094	469	676	1010	484	451	412	877	463	977	278	287
Total Phosphorus (mg/L)	00665	0.60	0.43	0.96	0.86	0.24	0.38	0.94	0.69	1.11	0.56	0.28
Nitrate-N (mg/L)	00620	6.40	4.56	7.36	2.21	1.22	1.17	7.23	3.11	10.6	2.17	0.22
Chloride (mg/L)	00940	79.6	58.5	116	31.1	22.6	24.4	83.9	34.4	97.8	22.7	9.23
Sulfate (mg/L)	00945	99.3	92.9	108	45.1	41.0	39.8	78.0	42.9	79.4	19.0	17.3
Total Hardness (mg/L)	00900	278	239	314	298	201	206	267	238	294	147	122
Ammonia-N (mg/L)	00610	<0.10	<0.10	0.10	<0.10	<0.10	<0.10	<0.10	0.23	<0.10	0.20	<0.10
Chlorophyll a (mg/m ³)	32211	1.51	4.00	1.34	22.4	7.03	7.74	1.28	2.04	1.30	2.14	10.2
Pheophytin (mg/m ³)	32218	<1.00	<1.00	<1.00	5.61	2.62	6.09	1.32	2.24	<1.00	<1.00	1.63
TKN (mg/L)	00625	0.61	1.19	<0.20	2.31	1.57	0.76	0.28	1.55	<0.20	1.87	1.29

* Estimate due to high flows

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Station Name Plum Creek at CR 202 (Old McMahan Road)
 TCEQ Segment No. 1810
 TCEQ Station Id No. 12647
 Monitoring Type Routine
 Latitude 29.865290 Longitude -97.615261

Parameter	Parameter Code	Date and 24 hour time										
		10/17/17	11/14/17	12/06/17	1/23/18	2/21/18	3/13/18	4/2/18	5/8/18	6/14/18	7/10/18	8/6/18
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Dry	Dry	Dry	Wet	Wet	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.21"	1.00"	0.01"	0.33"	0.00"	6.08"	2.50"	0.00"	0.00"	0.00"
Flow (cfs)	00061	13	13	24	14	12	13	408	61	7.6	24	5.4
E coli (organisms/100 mL)	31699	250	120	2200	38	200	250	790	350	220	3600	190
Suspended Solids (mg/L)	00530	6.30	4.90	15.60	3.10	5.9	6.1	97.00	78.4	16.8	274	9.1
Turbidity (NTU)	82079	4.3	3.0	7.6	2.9	4.6	3.9	58.5	65.1	10.2	131	6
pH	00400	8.0	7.9	7.9	8.2	7.9	8.0	8.0	8.1	7.9	7.7	8
Temperature (C)	00010	18.5	19.6	14.4	10.7	17.4	15.6		22.8	28.1	26.3	8.0
Dissolved Oxygen (mg/L)	00300	8.0	7.3	8.7	11.4	7.8	9.9	5.8	8.1	7.6	7	7.1
Conductivity (umhos/cm)	00094	925	1050	1070	1000	1040	999	338	566	1150	585	1060
Total Phosphorus (mg/L)	00665	0.89	1.15	1.22	0.75	1.26	0.77	0.27	0.37	1.68	0.86	1.35
Nitrate-N (mg/L)	00620	7.89	5.77	8.10	8.80	6.98	5.32	0.73	2.37	7.66	2.86	12.40
Chloride (mg/L)	00940	84.1	115	128	112	117	110	15	45.7	173	57.5	124
Sulfate (mg/L)	00945	79.6	85.8	86.2	94.7	115	97.8	30.3	64.1	110	67.5	95.4
Total Hardness (mg/L)	00900	302	308	313	313	313	300	146	203	307	229	314
Ammonia-N (mg/L)	00610	<0.10	<0.10		0.14		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	<1.00	<1.00	1.57	3.32	2.4	<1.00	4.36	6.94	4.06	10.3	2.52
Pheophytin (mg/m ³)	32218	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.5	<1.00	6.37	<1.00
TKN (mg/L)	00625	0.43	0.71		0.23		0.3	0.99	1.14	0.91	2	<0.20

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date and 24 hour time										
		9/10/18	10/9/18	11/19/18	12/5/18	12/18/18	1/7/19	2/19/19	3/13/19	4/4/19	5/13/19	6/17/19
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Dry	Dry	Wet	Dry	Dry	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		1.37"	1.49	0.15"	0.03	0.02	2.58	0.15"	0.04"	0.05"	2.39"	1.50"
Flow (cfs)	00061	247	31	48		102	321	40	12	9.5	186	1670
E coli (organisms/100 mL)	31699	4700	1200.0	74	69	150	1200	120	1100	130	300	9200
Suspended Solids (mg/L)	00530	356.0	64	30.8	1.60	21.2	78.6	5.2	5	6.9	69.4	136.00
Turbidity (NTU)	82079	506.0	25.4	27.1	2.2		80	3.4	3.8	4.2	50	100
pH	00400	7.8	7.8	7.9	8.1	7.9	7.9		8	8	8.1	7.8
Temperature (C)	00010	25.2	25.5	12	13.5	11.1	13.3	12.1	15.6	17.2	21	23.1
Dissolved Oxygen (mg/L)	00300	6.7	5	9.4	11.1	10.5	9.9		8	7	8	6
Conductivity (umhos/cm)	00094	527	445.00	705	900	431	323		1000	1050	368	149
Total Phosphorus (mg/L)	00665	0.77	0.55	0.60	0.75	0.17	0.18	0.59	0.91	1.03	0.225	0.353
Nitrate-N (mg/L)	00620	0.79	1.88	3.65	5.77	1.49	14.6	4.42	6.90	7.64	0.911	0.49
Chloride (mg/L)	00940	55.5	34.8	59.7	83.6	27.3	86.3	115	121	18.2	18.2	4.2
Sulfate (mg/L)	00945	61.2	38.9	67.7	95.7	8.4	117	106	105	29.8	5.97	5.97
Total Hardness (mg/L)	00900	326	158	256	304	145	303	3.8	314	155	73.1	73.1
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	0.35	<0.10	<0.10	0.1	<0.10	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	11.8	6.09	1.87	1.36		2.48	6.76	2.76	2.34	3.66	3.31
Pheophytin (mg/m ³)	32218	3.39	3.00	<1.00	<1.00		<1.00	1.83	<1.00	1.14	1.2	1.55
TKN (mg/L)	00625	1.91	0.94	0.88	0.8	0.61	1.99	0.385	0.97	0.31	0.68	0.81

* Estimate due to high flows

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Parameter	Parameter Code	Date and 24 hour time										
		7/24/19	8/8/19	9/5/19	10/31/19	11/20/19	12/5/19	1/29/20	2/17/20	3/9/20	4/13/20	
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Dry	Dry	Dry	Dry	Wet	Wet	Dry	
Rainfall (Inches)* within last 7 days		0.00"	0.00"	0.00"	0.04"	0.14"	0.17"		0.28	0.55"	1.06"	0.24"
Flow (cfs)	00061	8.3	6.4	7.7	11	9.4	9	11	21	18	38	
E coli (organisms/100 mL)	31699	150	190	190	230	110	110	180	190	440	170	
Suspended Solids (mg/L)	00530	5.90	7.4	10.00	5.4	2.3	1.4	5.0	6.1	10.10	56	
Turbidity (NTU)	82079	3.4	5.9	8.1	8.3	2.8	1.9	4.4	5	5.3	23	
pH	00400	8.1	8.0	8	8.1	7.9	8	8.1	7.9	7.8	7.9	
Temperature (C)	00010	26.4	29.0	27.2	12.9	16.8	14.4	15	16.6	17.3	18.9	
Dissolved Oxygen (mg/L)	00300	6.9	6.5	5.4	9.8	8.2	8.7	10.4	9.4	8.9	8.7	
Conductivity (umhos/cm)	00094	1110	675	1230	820	1090	1090	969	927	1060	611	
Total Phosphorus (mg/L)	00665	1.51	1.48	1.72	0.415	1.57	1.24	0.969	0.637	0.901	0.581	
Nitrate-N (mg/L)	00620	9.73	10.3	12.1	5.15	8.36	8.7	4.42	4.16	5.2	2.57	
Chloride (mg/L)	00940	149.0	162	158	94.8	135	318	63.9	121	<0.10	47.9	
Sulfate (mg/L)	00945	96	98.4	88.2	87.1	77.3	78.2	48.1	106	136	58.4	
Total Hardness (mg/L)	00900	306	314	309	252	315	340	283	275	287	221	
Ammonia-N (mg/L)	00610	<0.10		<0.10		1.67	<0.10	<0.10			<0.10	
Chlorophyll a (mg/m ³)	32211	1.1	1.90	<1.00	<1.00	2.27	2.2	<1.00	<1.00	1.63	2.94	
Pheophytin (mg/m ³)	32218	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.84	
TKN (mg/L)	00625	<0.20		0.25		4.7	0.4	1.02		0.71	0.92	

* Estimate due to high flows

*Rainfall data reported from National Climatic Data Center (NCDC) Preliminary Monthly Climate Data at Austin Bergstrom

Data after March 2017 is preliminary and subject to change during data review and validation process