

Station Name Plum Creek at Youngs Ln (CR 197)
 TCEQ Segment No. 1810
 TCEQ Station Id No. 12645
 Monitoring Type Targeted
 Latitude 29.821800 Longitude -97.584232

Parameter	Parameter Code	Date and 24 hour time									
		3/12/08	5/12/08	7/7/08	8/19/08	10/13/08	2/16/09	3/16/09	4/28/09	9/15/09	5/18/10
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Dry	Wet	Wet	Wet	Wet
Rainfall (Inches)* within last 7 days		1.89"	0.03"	0.67"	1.35"	0.42"	0.85"	2.47"	1.63"	4.19"	1.01"
Flow (cfs)	00061	64	5.6	2	7.5	2.4	3.9	11.5	8.2	10.1	31
E coli (organisms/100 mL)	31699	3870	120	110	830	160	150	100	720	1210	660
pH	00400	7.80	7.9	7.8	7.8	7.8	8	8	7.8	7.7	7.8
Temperature (C)	00010	14.5	21.4	26.1	25.3	22.9	14.3	13.4	21.1	23.7	23.7
Dissolved Oxygen (mg/L)	00300	9.17	6.5	6.3	6.4	7.3	10.4	11.2	7.7	6	6.8
Conductivity (umhos/cm)	00094	601	884	1020	727	1020	1140	1140	954	468	555
Total Phosphorus (mg/L)	00665	0.72	1.05	1.13	0.92	2.05	2.14	2.8	1.18	0.93	0.33
Nitrate-N (mg/L)	00620	1.70	0.17	2.27	4.75	10.7	4.9	10.7	4.38		1.16
Ammonia-N (mg/L)	00610	0.14	0.1	0.11	0.14	<0.10	0.14	<0.10	0.17	0.17	0.15

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

Parameter	Parameter Code	Date and 24 hour time									
		7/13/10	9/7/10	10/19/10	4/18/11	6/21/11	10/10/11	11/14/11	1/23/12	1/31/12	3/14/12
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Dry	Dry	Wet	Dry	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		1.64"	3.73"	0.00"	0.00"	0.00"	1.82"	0.01"	0.00"	6.52"	2.12"
Flow (cfs)	00061	6.2	16	4.7	3.1	1.5	6	3.8	8.4	414	74
E coli (organisms/100 mL)	31699	360	3260	76	260	380	17330	160	140	880	730
pH	00400	8	7.9	8	8.00	8	7.6	7.6	7.8	7.9	7.8
Temperature (C)	00010	27.4	25.3	20	20.7	27.7	21.7	19.5	13.6	14.2	19.5
Dissolved Oxygen (mg/L)	00300	7.3	9.2	8	7.6	4.7	5	6.4	9.6	9.1	7.8
Conductivity (umhos/cm)	00094	856	761	952	1070	1100	624	1120	1070	222	569
Total Phosphorus (mg/L)	00665	0.71	1.3	1.06	1.11	0.47	0.85	1.87	1.54	0.31	0.28
Nitrate-N (mg/L)	00620	2.49	3.06	8.16	4.78	2.84	1.71	6.62	7.60	0.73	1.22
Ammonia-N (mg/L)	00610	0.1	0.13	0.15	0.30	0.24	<0.10	0.19	0.26	0.21	0.36
TKN	00625				0.82	0.74	0.71	0.66	0.83	1.06	0.90
Suspended Solids	00530				55.7	44	69	19.7	16	327	73.3

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Parameter	Parameter Code	Date and 24 hour time									
		4/25/12	6/18/12	7/16/12	10/1/12	11/14/12	1/16/13	2/20/13	4/2/13	4/4/13	7/1/13
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Wet	Dry	Dry	Wet	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.18"	2.78"	1.97"	0.00"	0.07"	0.03"	2.57"	3.02"	.55"
Flow (cfs)	00061	7.8	6.5	86	18	3.2	7.2	5.1	4.7	18	2.6
E coli (organisms/100 mL)	31699	110	130	960	790	240	520	172	120	3300	490
pH	00400	7.7	7.9	7.6	6.9	7.9	7.9	8.0	7.9	7.7	7.8
Temperature (C)	00010	20.8	26.8	25.5	22.4	14.1	7.7	14.5	21.2	15.6	26.2
Dissolved Oxygen (mg/L)	00300	6.8	5.6	6.4	6.9	8.6	10.7	8.1	6.1	7.6	5.5
Conductivity (umhos/cm)	00094	1020	1000	280	928	1040	850	1080	1100	905	985
Total Phosphorus (mg/L)	00665	0.86	0.73	0.58	1.49	1.18	0.92	1.48	1.39	1.43	1.47
Nitrate-N (mg/L)	00620	5.08	3.02	0.98	5.03	3.66	4.12	6.24	2.90	2.88	1.61
Ammonia-N (mg/L)	00610	0.20	0.22	0.22	0.22	0.20	0.11	0.20	0.14	0.18	0.17
TKN	00625	0.79	0.93	1.10	1.03	0.67	0.71	<0.20	1.22	0.80	0.89
Suspended Solids	00530	8.25	8.10	184	101	6.10	5.38	8.50	15.0	91.7	23.1

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		9/24/13	1/20/14	4/15/14	7/8/14	9/9/14	9/22/14	1/26/15	2/24/15	4/20/15	6/15/15
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Dry	Wet	Wet	Wet	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		2.97"	0.00"	0.0"	0.69"	1.41"	4.37"	3.26"	0.00"	1"	0.69"
Flow (cfs)	00061	4.8		8.0	2.2	2.1	44	282	11	381	222
E coli (organisms/100 mL)	31699	560		210	240	84	410	2000	410	1200	610
pH	00400	7.6		7.7	7.6	7.8	7.6	7.9	7.8	7.6	7.9
Temperature (C)	00010	22.6		16.2	26.8	26.9	25.2	10.1	8.8	20.4	27.1
Dissolved Oxygen (mg/L)	00300	6.1		6.7	4.9	5.1	6.3	10.5	11.2	7.9	8.7
Conductivity (umhos/cm)	00094	644		1140	924	1070	768	355	948	392	635
Total Phosphorus (mg/L)	00665	1.04		1.58	0.95	1.43	0.97	0.27	0.62	0.34	0.38
Nitrate-N (mg/L)	00620	2.54		5.1	4.00	4.26	1.79	0.78	2.86	0.56	2.38
Ammonia-N (mg/L)	00610	0.18		0.34	1.26	0.26	0.22	0.14	<0.10	0.18	<0.10
TKN	00625	1.03		0.75	0.79	0.59	0.98	0.88	0.81	0.95	0.96
Suspended Solids	00530	32.0		8.20	4.30	8.70	40.2	136.00	3.40	132	126

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Parameter	Parameter Code	Date and 24 hour time									
		8/10/15	10/28/15	12/17/15	2/2/16	3/14/16	5/23/16	7/27/16	10/25/16	12/6/16	2/21/17
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Dry	Wet	Wet	Wet	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		0.00"	7.55"	1.21"	0.16"	3.18"	3.15"	1.90"	0.02"	3.02"	1.37"
Flow (cfs)	00061	4.3	61	58	14	169	698*	9.5	7.4	1550	15
E coli (organisms/100 mL)	31699	160	1200	490	120	860	450	12	260	5600	6900
pH	00400	7.9	7.5	7.9	8.0	7.7	7.8	7.7	7.6	7.3	7.6
Temperature (C)	00010	28.2	19.0	13.6	17.0	19.8	23.2	27.2	20.2	12.4	17.9
Dissolved Oxygen (mg/L)	00300	5.2	7.4	9.3	9.2	8.0	7.8	6.4	6.7	9.8	8.6
Conductivity (umhos/cm)	00094	998	758	598	873	487	281	1040	1020	333	383
Total Phosphorus (mg/L)	00665	0.63	0.44	0.25	0.45	0.19	0.24	0.91	0.91	0.41	0.36
Nitrate-N (mg/L)	00620	4.66	3.29	1.73	5.56	1.40	0.36	8.10	8.47	1.71	1.18
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
TKN	00625	0.58	1.26	0.79	0.67	1.14	0.83	0.24	<0.20	1.54	1.87
Suspended Solids	00530	18.6	17.4	16.2	1.8	83.7	105	12.70	5.50	125	264

* Estimate due to high flows

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Parameter	Parameter Code	Date and 24 hour time									
		4/4/17	5/15/17	7/25/17	8/8/17	9/6/17	3/26/18	4/2/18	6/18/18	9/10/18	12/18/18
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Dry	Wet	Dry	Wet	Dry
Rainfall (Inches)* within last 7 days		2.08"	0.05"	0.00"	2.92"	0.00"	0.00"	6.08"	0.05"	1.37"	0.02"
Flow (cfs)	00061	270*	12	6	71	816	12	410	7.6	224	102
E coli (organisms/100 mL)	31699	1700	270	370	9800	62	250	800	330	7300	120
pH	00400	7.8	7.9	7.8	7.8	7.7	7.7	7.8	7.7	7.8	7.8
Temperature (C)	00010	20.5	23.0	28.0	25.5	26.0	20.9	21.2	26.8	24.6	11.4
Dissolved Oxygen (mg/L)	00300	8.0	7.7	6.3	5.9	6.9	6.6	7.6	6	7	10
Conductivity (umhos/cm)	00094	531	965	1010	679	267	938	336	1180	407	423
Total Phosphorus (mg/L)	00665	0.29	0.92	1.15	0.82	0.27	0.78	0.28	1.24	0.97	0.22
Nitrate-N (mg/L)	00620	1.25	8.18	7.43	3.56	0.20	4	0.70	8.74	0.93	1.46
Ammonia-N (mg/L)	00610	0.10	<0.10	<0.10	0.12	<0.10	<0.10	0.11	<0.10	<0.10	<0.10
TKN	00625	1.50	<0.20	<0.20	0.85	1.11	0.99	1.16	<0.20	2.20	0.61
Suspended Solids	00530	165	20.8	14.2	172.0	71.7	3.8	14.10	15.20	99.6	15.6

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Parameter	Parameter Code	Date and 24 hour time					
		2/19/19	3/27/19	5/15/19	6/19/19	8/14/19	9/10/19
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.15"	0.00"	1.62"	0.91"	0.00"	0.00"
Flow (cfs)	00061	20	23	131.0	375	4.8	7.2
E coli (organisms/100 mL)	31699	160	130	240	950	200	170
pH	00400	7.9	7.9	8	7.7	7.9	7.9
Temperature (C)	00010	12.8	18.4	22.5	26	28.8	26.9
Dissolved Oxygen (mg/L)	00300	7.4	7.6	7.3	7.1	5.8	6.1
Conductivity (umhos/cm)	00094	963	1040	389	233	1170	1180
Total Phosphorus (mg/L)	00665	0.39	0.77	0.199	0.39	1.4	1.46
Nitrate-N (mg/L)	00620	4	5.45	0.991	0.57	11.2	9.5
Ammonia-N (mg/L)	00610	<0.10	0.11	<0.10	<0.10	<0.10	<0.10
TKN	00625	0.47	0.5	1.12	1.03	0.26	0.26
Suspended Solids	00530	3.1	3.40	47.20	146.00	11.20	5.8

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Parameter	Parameter Code	Date and 24 hour time					
		2/19/19	3/27/19	5/15/19	6/19/19	8/14/19	9/10/19
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.15"	0.00"	1.62"	0.91"	0.00"	0.00"
Flow (cfs)	00061	20	23	131.0	375	4.8	7.2
E coli (organisms/100 mL)	31699	160	130	240	950	200	170
pH	00400	7.9	7.9	8	7.7	7.9	7.9
Temperature (C)	00010	12.8	18.4	22.5	26	28.8	26.9
Dissolved Oxygen (mg/L)	00300	7.4	7.6	7.3	7.1	5.8	6.1
Conductivity (umhos/cm)	00094	963	1040	389	233	1170	1180
Total Phosphorus (mg/L)	00665	0.39	0.77	0.199	0.39	1.4	1.46
Nitrate-N (mg/L)	00620	4	5.45	0.991	0.57	11.2	9.5
Ammonia-N (mg/L)	00610	<0.10	0.11	<0.10	<0.10	<0.10	<0.10
TKN	00625	0.47	0.5	1.12	1.03	0.26	0.26
Suspended Solids	00530	3.1	3.40	47.20	146.00	11.20	5.8

* Estimate due to high flows

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Parameter	Parameter Code	Date and 24 hour time					
		2/19/19	3/27/19	5/15/19	6/19/19	8/14/19	9/10/19
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.15"	0.00"	1.62"	0.91"	0.00"	0.00"
Flow (cfs)	00061	20	23	131.0	375	4.8	7.2
E coli (organisms/100 mL)	31699	160	130	240	950	200	170
pH	00400	7.9	7.9	8	7.7	7.9	7.9
Temperature (C)	00010	12.8	18.4	22.5	26	28.8	26.9
Dissolved Oxygen (mg/L)	00300	7.4	7.6	7.3	7.1	5.8	6.1
Conductivity (umhos/cm)	00094	963	1040	389	233	1170	1180
Total Phosphorus (mg/L)	00665	0.39	0.77	0.199	0.39	1.4	1.46
Nitrate-N (mg/L)	00620	4	5.45	0.991	0.57	11.2	9.5
Ammonia-N (mg/L)	00610	<0.10	0.11	<0.10	<0.10	<0.10	<0.10
TKN	00625	0.47	0.5	1.12	1.03	0.26	0.26
Suspended Solids	00530	3.1	3.40	47.20	146.00	11.20	5.8

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

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