

Station Name Plum Creek at Heidenreich Lane
 TCEQ Segment No. 1810
 TCEQ Station Id No. 20484
 Monitoring Type Targeted
 Latitude 29.963415 Longitude -97.830645

Parameter	Parameter Code	Date and 24 hour time									
		3/19/08	5/12/08	7/7/08	8/19/08	10/13/08	2/17/09	3/17/09	9/16/09	7/14/10	9/8/10
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Dry	Wet	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		1.00"	0.03"	0.67"	1.35"	0.42"	0.06"	2.47"	4.08"	1.64"	4.51"
Flow (cfs)	00061	8	2.2	1.5	2	1.3	3.2	2.8	3.1	3.3	192
E coli (organisms/100 mL)	31699	2100	770	1050	9200	>4410	770	1100	1840	2780	>24200
pH	00400	7.74	7.56	7.6	7.8	7.7	7.7	7.8	7.8	7.7	7.7
Temperature (C)	00010	17	24.4	29.9	29.1	27.4	20.9	21.7	27.7	28.4	25.8
Dissolved Oxygen (mg/L)	00300	11.2	5.33	6.2	5.7	7	7.8	7.8	6.2	5.6	7.1
Conductivity (umhos/cm)	00094	529	1123	1260	1090	1200	1120	1050	1020	1070	308
Total Phosphorus (mg/L)	00665	0.71	3.88	3.9	2.9	4.96	3.98	2.95	2.59	2.71	0.33
Nitrate-N (mg/L)	00620	3.2	12.3	7.05	11	19.1	16.4	14.9	20.4	14.7	0.65
Ammonia-N (mg/L)	00610	<0.10	0.84	5.3	1.63	0.17	0.2	0.25	0.19	0.21	0.32

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

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		10/20/10	4/19/11	6/22/11	7/27/11	10/11/11	11/14/11	1/30/12	3/13/12	4/24/12	6/19/12
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Dry	Wet	Dry	Wet	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.00"	1.34"	0.00"	1.82"	0.01"	6.19	2.12"	0.00"	0.00"
Flow (cfs)	00061	2.7	1.4	27	0.3	0.5	0.4	37	15	8.5	1.7
E coli (organisms/100 mL)	31699	1050	2760	>24200	>4840	4920	1740	280	610	630	460
pH	00400	7.8	7.7	7.8	7.7	7.6	7.6	7.6	7.8	7.8	7.6
Temperature (C)	00010	25.7	25.3	23.2	28.9	28.4	25.7	14.8	20.5	24.1	28
Dissolved Oxygen (mg/L)	00300	6.4	5.9	5.6	5.5	7.6	5.5	9.3	8.1	6.6	4.3
Conductivity (umhos/cm)	00094	1140	1150	316	1000	1290	1260	429	770	1150	1280
Total Phosphorus (mg/L)	00665	3.51	3.88	0.95	3.84	3.92	5.02	0.38	0.67	2.75	4.46
Nitrate-N (mg/L)	00620	26	25.3	2.33	26.5	27	0.07	3.20	5.20	17.6	17.9
Ammonia-N (mg/L)	00610	0.15	0.35	0.52	0.27	0.18	0.35	0.32	0.18	0.26	0.34
TKN	00625	1.31	2.29	0.96	0.83	1.21	0.78	0.78	0.78	<0.20	<0.20
Suspended Solids	00530	25.5	359	6.90	9.90	6.30	45	21.6	19.9	19.5	

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		7/17/12	10/2/12	11/15/12	12/18/12	1/15/13	1/29/13	2/13/13	2/19/13	4/3/13	5/9/13
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Dry	Wet	Dry	Dry	Dry	Wet	Dry
Rainfall (Inches)* within last 7 days		2.78"	1.97"	0.00"	0.45"	1.92"	0.02"	0.54"	0.00"	3.02"	0.01"
Flow (cfs)	00061	10	2.6	1.8	2.2	2.6	1.9	1.1	1.4	7.6	2.4
E coli (organisms/100 mL)	31699	720	2000	1100	600	1000	920	1600	1730	>2400	1500
pH	00400	7.5	7.6	7.5	7.4	7.6	7.5	7.7	7.6	7.6	7.6
Temperature (C)	00010	26.9	25.5	21.2	22.8	17.6	22.4	19.3	21.7	18.1	24.6
Dissolved Oxygen (mg/L)	00300	6.0	4.1	0.6	1.7	6.7	5.3	6.5	6.1	7.4	5.8
Conductivity (umhos/cm)	00094	484	1040	1343	1220	1160	1179	1140	1220	565	1220
Total Phosphorus (mg/L)	00665	0.67	1.25	3.88		3.04			4.01	0.58	2.74
Nitrate-N (mg/L)	00620	2.82	8.56	22.9		16.2			21.0	2.45	11.0
Ammonia-N (mg/L)	00610	0.18	1.96	2.18		0.31			0.30	0.22	0.30
TKN	00625	0.75	2.54	1.35		<0.20			<0.20	0.80	<0.20
Suspended Solids	00530	27.2	6.87	5.6		6.25			10.4	58.4	22.8

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		07/02/13	07/31/13	9/18/13	9/25/13	10/1/13	1/22/14	4/16/14	5/15/14	7/9/14	9/10/14
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Wet	Wet	Dry	Dry	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		0.55"	0.40"	0.85"	2.97"	1.9"	0.0"	0.44"	4.34"	0.68	1.41"
Flow (cfs)	00061	1.4	3	1.3	1.5	600	3.3	2.6		1.8	1.9
E coli (organisms/100 mL)	31699	820	>2400	>2400	1400		870	690	900	1700	1700
pH	00400	7.6	7.4	7.4	7.5		7.7	7.5	7.9	7.4	7.6
Temperature (C)	00010	26.2	28.7	30.4	28.0		17.7	20.0	20.7	27.0	29.0
Dissolved Oxygen (mg/L)	00300	4.9	3.8	5.4	5.5		9.2	6.4	7.6	8.5	5.3
Conductivity (umhos/cm)	00094	1270	1260	1220	1220		1200	1190	654	1210	1220
Total Phosphorus (mg/L)	00665	4.91			4.36		3.30	2.72	1.07	4.59	4.61
Nitrate-N (mg/L)	00620	0.38			28.7		17.1	7.80	5.90	24.8	24.4
Ammonia-N (mg/L)	00610	10.4			0.24		<0.10	0.71	0.33	0.43	0.32
TKN	00625	12.4			<0.20		<0.20	1.62	0.924	1.93	<0.20
Suspended Solids	00530	11.9	0.29		9.50		8.00	7.20	24.2	4.20	3.30

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Parameter	Parameter Code	Date and 24 hour time									
		9/23/14	11/6/14	1/23/15	1/27/15	2/25/15	4/21/15	6/16/15	8/11/15	10/29/15	12/15/15
Weather Conditions (Wet or Dry)		Wet	Wet	Wet	Wet	Dry	Wet	Wet	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		4.35"	3.0"	3.26"	3.26"	0.0"	1"	0.69"	0.00"	7.41"	1.21"
Flow (cfs)	00061	4.4			19	4.9	16	27	2.4	3.8	15
E coli (organisms/100 mL)	31699	1700			240	650	400	810	250	700	1700
pH	00400	7.5			7.8	7.6	7.7	7.8	7.4	7.4	7.8
Temperature (C)	00010	28.0			15.3	16.4	21.3	26.3	27.3	23.8	18.1
Dissolved Oxygen (mg/L)	00300	4.7			9.8	9.6	7.8	7.7	2.7	5.7	8.0
Conductivity (umhos/cm)	00094	1100			702	1020	771	596	1330	1130	747
Total Phosphorus (mg/L)	00665	4.50	1.92	0.31	0.54	1.62	1.10	0.36	3.34	3.47	0.75
Nitrate-N (mg/L)	00620	19.5	10.5	0.86	3.50	7.10	4.88	2.79	10.4	14.3	44.5
Ammonia-N (mg/L)	00610	0.45	2.28	0.3	0.12	0.10	0.11	<0.10	4.95	0.11	<0.10
TKN	00625	<0.20	1.54	1.33	0.47	0.86	1.07	0.86	4.94	<0.20	0.89
Suspended Solids	00530	20.4			11.8	5.30	24.8	21.4	7.90	4.00	14.3

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Parameter	Parameter Code	Date and 24 hour time									
		2/3/16	3/15/16	5/25/16	7/28/16	10/24/16	12/12/16	2/20/17	4/3/17	5/8/17	6/5/17
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Wet	Dry	Dry	Wet	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		0.00"	3.06"	2.75"	1.90"	0.01"	0.01"	2.61"	2.08"	0.00"	1.93"
Flow (cfs)	00061	5.6	10	36	13	4.8	10	Too High	36	2.1	4.8
E coli (organisms/100 mL)	31699	70	840	590	1600	1300	460	6500	2900	1600	1000
pH	00400	7.6	7.5	7.7	7.3	7.4	7.3	7.4	7.7	7.3	7.6
Temperature (C)	00010	18.4	22.4	25.4	28.2	25.1	18.5	18.7	21.4	24.9	26.7
Dissolved Oxygen (mg/L)	00300	8.1	5.3	7.0	6.6	4.3	6.7	8.2	7.9	3.9	5.6
Conductivity (umhos/cm)	00094	1080	877	606	627	1240	926	425	559	1180	861
Total Phosphorus (mg/L)	00665	0.59	0.94	0.39	0.88	3.30	1.37	0.48	0.46	2.62	1.51
Nitrate-N (mg/L)	00620	2.22	3.90	2.21	0.39	0.06	22.4	1.97	2.39	11.0	2.00
Ammonia-N (mg/L)	00610	5.14	2.41	0.48	5.83	8.03	2.05	0.12	0.10	1.22	5.69
TKN	00625	5.79	3.13	0.30	7.49	8.23	2.60	1.64	0.78	1.73	7.74
Suspended Solids	00530	3.80	13.9	21.8	18.4	2.40	3.40	96.0	46.3	8.00	9.50

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		7/24/17	8/7/17	9/7/17	3/27/18	4/4/18	6/19/18	9/11/18	12/19/18	2/20/19	3/28/19
Weather Conditions (Wet or Dry)		Dry	Wet	Dry	Dry	Dry	Dry	Wet	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	2.92"	0.00"	0.00"	0.00"	0.27"	3.24"	0.03"	0.15"	0.00"
Flow (cfs)	00061	4.1	99	6.6	5	32	3.2	18	12	7.7	4.1
E coli (organisms/100 mL)	31699	2400	>48000	1900	920	220	4800	860	170	770	2000
pH	00400	7.6	7.8	7.5	7.2	7.5	7.2	7.7	7.6	7.4	7.6
Temperature (C)	00010	29.9	24.8	26.2	23.9	19.1	27	26.2	18.6	18.0	22.3
Dissolved Oxygen (mg/L)	00300	3.5	6.2	3.4	2.9	8	2.5	6.9	7.4	8.3	7.6
Conductivity (umhos/cm)	00094	1300	348	993	1200	486	1340	687	935	1070	1280
Total Phosphorus (mg/L)	00665	3.48	0.75	1.91	2.75	0.38	4.10	0.88	1.2	1.21	2.94
Nitrate-N (mg/L)	00620	1.29	0.63	6.23	10.6	2.52	19.0	5.45	6.85	9.21	7.18
Ammonia-N (mg/L)	00610	14.9	2.73	0.73	3.94	0.25	0.58	0.22	1.64	1.51	6.97
TKN	00625	18.9	5.26	2.06	4.11	1.3	<0.20	1.64	1.96	1.98	6.58
Suspended Solids	00530	3.10	561	5.10	3.60	19.4	4.80	19.40	5.6	43.70	8.10

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