

Station Name Plum Creek downstream of NRCS 1 spillway

TCEQ Segment No. 1810
 TCEQ Station Id No. 20480
 Monitoring Type Targeted
 Latitude 30.019034 Longitude -97.878859

Parameter	Parameter Code	Date and 24 hour time										
		3/19/08	5/13/08	7/9/08	8/19/08	10/13/08	2/17/09	3/17/09	9/16/09	5/19/10	7/14/10	9/8/10
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Dry	Wet	Wet	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		1.00"	0.04"	0.44"	1.35"	0.42"	0.06"	2.47"	4.08"	1.01"	1.64"	4.51"
Flow (cfs)	00061	3.3	0	0	0	0	0	0	0	1.1	0	30
E coli (organisms/100 mL)	31699	70	70	110	190	1120	13	31	160	20	5	1190
pH	00400	8.12	7.6	7.7	7.8	7.8	8.1	8.7	7.5	8.3	7.7	7.9
Temperature (C)	00010	16.8	20.8	29.1	25.5	23.8	13.4	15.4	23.9	27.8	28.8	26.2
Dissolved Oxygen (mg/L)	00300	9.24	2.2	6	7.6	8.5	1.5	10.1	3.1	11.2	4.9	8.1
Conductivity (umhos/cm)	00094	360	605	1000	577	903	1050	703	693	139	386	268
Total Phosphorus (mg/L)	00665	0.06	0.36	0.68	0.52	0.24	0.8	0.73	0.87	0.07	0.19	0.08
Nitrate-N (mg/L)	00620	0.10	0.88	0.22	<0.05	1.13	<0.05	<0.05	0.57	<0.05	<0.05	0.17
Ammonia-N (mg/L)	00610	<0.10	0.32	2.07	0.11	0.17	0.18	<0.10	0.15	0.16	0.1	0.16

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

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		10/20/10	4/18/11	6/22/11	7/27/11	10/11/11	11/14/11	1/30/12	3/13/12	4/24/12	6/19/12	7/17/12
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Dry	Wet	Dry	Wet	Wet	Dry	Dry	Wet
Rainfall (Inches)* within last 7 days		0.00"	0.00"	1.34"	0.00"	1.82"	0.01	6.19"	2.13"	0.00"	0.00"	2.78"
Flow (cfs)	00061	0	0	0	0	0	0	2	2.4	0.02	DRY	5.3
E coli (organisms/100 mL)	31699	6	17	520	93	120	34	10	10	<1		200
pH	00400	7.4	9.3	8.3	7.8	8.4	4.9	8.2	7.9	8.4		7.8
Temperature (C)	00010	21	24.6	24.2	27.5	27.2	25.8	13.4	17.6	22.9		26.4
Dissolved Oxygen (mg/L)	00300	0.4	8.3	2.9	4.4	16.1	4.9	9.2	10.2	8.0		7.2
Conductivity (umhos/cm)	00094	467	1020	992	1640	1420	2120	342	471	695		253
Total Phosphorus (mg/L)	00665	0.21	0.29	0.12	0.18	0.24	0.16	0.10	0.04	0.24		0.05
Nitrate-N (mg/L)	00620	0.08	7.84	0.45	0.11	6.52	0.24	0.63	0.58	1.47		0.10
Ammonia-N (mg/L)	00610	0.23	0.22	0.46	2.81	<0.10	0.37	0.37	0.28	0.78		0.24
TKN	00625		2.69	3.18	3.98	2.85	2.55	0.76	0.66	1.01		0.84
Suspended Solids	00530		52	90	62	13.7	11.6	2.70	3.00	3.60		7.38

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		10/2/12	11/15/12	1/15/13	2/19/13	4/3/13	7/2/13	9/25/13	1/22/14	4/16/14	5/28/14	7/9/14
Weather Conditions (Wet or Dry)		Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Dry	Dry	Wet
Rainfall (Inches)* within last 7 days		1.97"	0.00"	1.92"	0.00"	3.02"	.55"	2.97"	0.00"	0.0"	3.54"	0.68"
Flow (cfs)	00061	0	0	0	0	0	DRY	0.0	0.01	0.00		DRY
E coli (organisms/100 mL)	31699	28	2	11	68	>4800		10	<1	41		1700
pH	00400	7.4	7.9	7.9	8.7	8.0		7.6	6.8	7.4		7.9
Temperature (C)	00010	19.5	11.6	5.8	12.9	14.1		24.2	8.6	11.0		22.5
Dissolved Oxygen (mg/L)	00300	4.2	10.3	10.1	11.0	7.8		7.9	11.3	6.8		8.3
Conductivity (umhos/cm)	00094	712	1150	899	1220	503		983	362	506		233
Total Phosphorus (mg/L)	00665	0.17	0.12	0.51	0.98	0.53		0.60	0.04	0.14		0.06
Nitrate-N (mg/L)	00620	<0.05	0.05	0.99	2.47	0.11		0.18	0.12	0.06		<0.05
Ammonia-N (mg/L)	00610	0.14	0.19	0.17	0.19	0.18		0.15	<0.10	0.37		0.16
TKN	00625	1.38	1.17	1.97	1.70	1.42		1.62	-	1.08		0.41
Suspended Solids	00530	5.12	15	8.57	7.20	14.8		16.8	5.70	18.3		13.8

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		9/10/14	9/23/14	1/27/15	2/24/15	4/20/15	6/15/15	8/11/15	10/29/15	12/15/15	2/3/16	3/15/16
Weather Conditions (Wet or Dry)		Wet	Wet	Wet	Dry	Wet	Wet	Dry	Wet	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		1.41"	4.35"	3.26"	0.0"	1"	0.69"	0.00"	7.41"	1.21"	0.00"	3.06"
Flow (cfs)	00061	0.0	0.0	1.7	0.2	1.0	3.7	DRY	0.5	2.1	0.3	1.0
E coli (organisms/100 mL)	31699	360	20	40	1	<10	63		40	160	2	20
pH	00400	7.6	7.7	8.1	7.9	8.4	7.6		7.7	7.8	7.9	7.7
Temperature (C)	00010	26.7	27.3	10.9	8.2	21.6	28.0		19.4	15.5	11.2	20.5
Dissolved Oxygen (mg/L)	00300	7.6	6.9	11.3	10.8	11.1	8.2		8.4	9.7	9.4	7.4
Conductivity (umhos/cm)	00094	2070	355	377	497	402	414		366	443	562	513
Total Phosphorus (mg/L)	00665	0.12	0.34	0.06	0.02	0.02	0.04		0.07	0.05	0.03	0.03
Nitrate-N (mg/L)	00620	0.37	<0.05	0.68	0.34	<0.05	<0.05		0.22	0.36	0.31	0.12
Ammonia-N (mg/L)	00610	0.25	0.20	0.14	0.10	<0.10	<0.10		0.14	0.11	<0.10	<0.10
TKN	00625	2.54	1.42	0.59	0.23	0.46	0.70		0.96	1.05	0.77	0.85
Suspended Solids	00530	6.00	6.30	7.60	2.90	3.30	5.50		1.40	6.30	3.10	4.70

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Parameter	Parameter Code	Date and 24 hour time										
		5/25/16	7/28/16	10/27/16	12/7/16	2/22/17	4/5/17	5/16/17	7/26/17	8/9/17	9/7/17	3/27/18
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Wet	Wet	Wet	Dry	Dry	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		2.75"	1.90"	0.02"	3.02"	1.37"	2.08"	0.00"	0.00"	2.91"	0.00"	0.00"
Flow (cfs)	00061	1.5	3.2	0.00	2.1	2.2	1.3	0.00	DRY	0.00	0.2	0.0
E coli (organisms/100 mL)	31699	20	200	100	75	60	40	190		82	61	24
pH	00400	8.1	8.1	7.1	7.6	8.4	8.4	7.3		7.8	7.7	7.7
Temperature (C)	00010	25.6	28.8	21.6	12.0	18.5	20.4	22.9		27.9	24.4	22.8
Dissolved Oxygen (mg/L)	00300	7.6	7.6	3.4	10.3	11.5	9.0	3.3		7.1	5.9	10.6
Conductivity (umhos/cm)	00094	372	258	403	402	431	379	512		470	338	398
Total Phosphorus (mg/L)	00665	0.07	0.05	0.15	0.07	0.05	0.04	0.67		0.62	0.07	0.08
Nitrate-N (mg/L)	00620	<0.05	<0.05	<0.05	0.16	<0.05	<0.05	0.07		<0.05	<0.05	<0.05
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	0.12	<0.10	<0.10	0.21		<0.10	<0.10	<0.10
TKN	00625	0.88	1.11	1.42	0.74	0.88	0.90	5.36		1.87	0.90	0.62
Suspended Solids	00530	7.10	6.50	18.3	10.2	3.80	7.00	243		6.00	12.4	95.90

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