

Station Name West Fork Plum Creek at Biggs Rd (CR131)
 TCEQ Segment No. 1810
 TCEQ Station Id No. 20500
 Monitoring Type Routine
 Latitude 29.699616 Longitude -97.611752

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
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Dry	Dry	Dry	Dry	Wet	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"
Flow (cfs)	00061	<0.01	<0.01	<0.01	0	0	0	0	0	0	0
E coli (organisms/100 mL)	31699	351	10	27	28	44	55	9	2500	27	49
Suspended Solids (mg/L)	00530	110	60	36.7	37.5	97	78	62.8		70	410
Turbidity (NTU)	82079	67.8	37.5	29.7	38.6	169	147	177		269	1193
pH	00400	7.84	8.31	7.86	8.2	8.31	8.7	9	8.5	8.7	8.8
Temperature (C)	00010	14.6	13.8	23.3	23.4	28.3	25.3	27.6	24.5	26.8	25
Dissolved Oxygen (mg/L)	00300	2.83	8.67	0.61	1.4	4.5	2.6	7.2	5.4	1.3	5.9
Conductivity (umhos/cm)	00094	2541	2484	3060	3250	4295	5870	6630	2160	3700	5000
Total Phosphorus (mg/L)	00665	0.25	0.38	0.43	0.49	1.06	1.02	1.38	0.84	0.76	2.14
Nitrate-N (mg/L)	00620	0.1	0.39	0.44	0.44	<0.05	1.06	1.03	0.32	<0.05	
Chloride (mg/L)	00940	456	415	418	565	788	1309	681		775	810
Sulfate (mg/L)	00945	18.3	20.9	18	6.35	5.36	11.1	21.2		38.1	84.9
Total Hardness (mg/L)	00900	185	143	148	145	141	125	105		106	280
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	0.42	0.3	0.27	<0.10	0.98	<0.4
Chlorophyll a (mg/m ³)	32211	30	3	52.6	31	23	70.6	241		94.2	257
Pheophytin (mg/m ³)	32218	9.3	2.7	16.5	9.9	14	25.7	68		16.1	90.4

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

Parameter	Parameter Code	Date and 24 hour time									
		11/12/08	12/4/08	1/7/09	2/4/09	3/10/09	3/16/09	4/28/09	5/5/09	6/3/09	7/6/09
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Dry	Dry	Wet	Wet	Dry	Dry	Wet
Rainfall (Inches)* within last 7 days		0.02"	0.06"	0.00"	0.00"	0.00"	2.47"	1.63"	0.03"	0.08"	0.37"
Flow (cfs)	00061	DRY	DRY	DRY	DRY	DRY	DRY	0.24	0	0	0
E coli (organisms/100 mL)	31699							1050	11	1	16
Suspended Solids (mg/L)	00530							73.5	17.5	60	21
Turbidity (NTU)	82079							41.6	12	46.8	25.5
pH	00400							7.4	7.5	7.8	8.6
Temperature (C)	00010							21.4	25.8	27.1	30.6
Dissolved Oxygen (mg/L)	00300							4.3	2.7	4.8	5.1
Conductivity (umhos/cm)	00094							964	668	1590	1350
Total Phosphorus (mg/L)	00665							0.5	0.65	0.63	0.47
Nitrate-N (mg/L)	00620							0.06**	<0.05	<0.05	<0.05
Chloride (mg/L)	00940							182	173	254	412**
Sulfate (mg/L)	00945							31.4	21.1	4.23	5.1**
Total Hardness (mg/L)	00900							133	128	158	106
Ammonia-N (mg/L)	00610							0.1	<0.10	<0.10	0.22
Chlorophyll a (mg/m ³)	32211							20.3	22.1	89.5	17.6
Pheophytin (mg/m ³)	32218							1.9	4.4	26.5	6.8

**Analysis results from sample run outside of prescribed holding time.

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

Parameter	Parameter Code	Date and 24 hour time									
		8/3/09	9/3/09	9/15/09	10/5/09	11/4/09	12/1/09	1/12/10	2/3/10	3/10/10	4/14/10
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Wet	Dry	Wet	Wet	Dry
Rainfall (Inches)* within last 7 days		0.17"	0.00"	4.19"	1.01"	0.06"	1.35"	0.02"	2.08"	0.12"	0.00"
Flow (cfs)	00061	DRY	DRY	0	85	<0.01	1.3	<0.01	0.33	0.02	<0.01
E coli (organisms/100 mL)	31699			910	1860	60	47	6	100	91	79
Suspended Solids (mg/L)	00530			439	137	12.3	39.7	9.7	30	19	82
Turbidity (NTU)	82079			1543	161	32.4	39.9	11.7	29.2	9.6	72.9
pH	00400			8.2	7.8	7.6	7.4	7.8	7.7	7.7	8
Temperature (C)	00010			24.2	23.9	15.8	11.9	7.7	10.3	18.4	21
Dissolved Oxygen (mg/L)	00300			4.1	6.7	5.6	5.6	12.8	10	8.6	6.7
Conductivity (umhos/cm)	00094			224	211	473	710	1920	1620	2820	3500
Total Phosphorus (mg/L)	00665			0.55	0.35	0.39	0.21	0.1	0.14	0.08	0.46
Nitrate-N (mg/L)	00620			1.36	0.88	0.06	0.098	0.26	0.27	0.42	0.06
Chloride (mg/L)	00940			8.38	6.45	0.4	96	328	247	488	635
Sulfate (mg/L)	00945			10.3	9.41	12.3	25.8	50.7	45.9	78.8	52.7
Total Hardness (mg/L)	00900			284	92.5	120	151	250	199	257	270
Ammonia-N (mg/L)	00610			0.36	0.1	0.56	0.4	<0.10	<0.10	<0.10	0.1
Chlorophyll a (mg/m ³)	32211			1.2	1.1	<1.0	2.2	22.4	46.3	9.6	121
Pheophytin (mg/m ³)	32218			<1.0	<1.0	<1.0	3.1	3	15.5	3.3	30.7

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		5/4/10	6/16/10	7/6/10	8/3/10	9/1/10	9/8/10	10/7/10	11/15/10	12/2/10	1/24/11
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Wet	Dry	Wet	Dry	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	2.27"	2.44"	1.21"	0.03"	4.51"	0.00"	0.42"	0.01"	0.00"
Flow (cfs)	00061	<0.01	<0.01	0	0	0	<0.01	0	0	0	<0.01
E coli (organisms/100 mL)	31699	160	36	18	690	240	1420	65	190	6	240
Suspended Solids (mg/L)	00530	28.7	36.7	18.7	115	38		30	54	14.4	16.5
Turbidity (NTU)	82079	25.4	30.3	24.8	113	106		50.9	188	123	53.2
pH	00400	7.8	7.8	7.5	7.8	8.6	7.6	8.3	7.7	7.8	8.1
Temperature (C)	00010	22.7	33.7	32.4	28.8	32.7	26.1	17.5	14	7.1	7.2
Dissolved Oxygen (mg/L)	00300	6.7	5.6	7.4	5.9	11.4	6.6	7.9	3.5	5.6	10.2
Conductivity (umhos/cm)	00094	2190	610	955	1310	1900	901	1480	1210	1870	2400
Total Phosphorus (mg/L)	00665	0.2	0.33	0.28	0.4	0.66	0.28	0.14	0.29	0.31	0.27
Nitrate-N (mg/L)	00620	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.18	0.12	<0.05	0.32
Chloride (mg/L)	00940	332	60.9	143	118	353		224	176	275	407
Sulfate (mg/L)	00945	37.4	15.8	7.62	5.89	5.17		19.1	46.1	41.2	54.5
Total Hardness (mg/L)	00900	219	146	142	152	126		114	151	168	179
Ammonia-N (mg/L)	00610	<0.10	0.14	<0.10	0.1	0.18	<0.10	0.14	<0.10	0.31	0.1
Chlorophyll a (mg/m ³)	32211	8.2	3.1	5.1	5.3	33.9		8.5	15.2	<1.0	34.3
Pheophytin (mg/m ³)	32218	4.3	5.9	6.5	11.9	21.4		3.5	<1	1.3	2.7
TKN	00625										

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Parameter	Parameter Code	Date and 24 hour time									
		4/18/11	5/13/11	6/2/11	7/12/11	8/1/11	9/13/11	10/10/11	11/7/11	12/6/11	1/10/12
Weather Conditions (Wet or Dry)		Dry	Wet	Dry	Dry	Dry	Dry	Wet	Dry	Wet	Dry
Rainfall (Inches)* within last 7 days		0.00"	1.73"	0.00"	0.00"	0.05"	0.00"	1.82"	0.01"	2.09"	0.63"
Flow (cfs)	00061	0	0	0	0	DRY	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699	30	420	79	3						
Suspended Solids (mg/L)	00530	26.3	30.3	42.5	20						
Turbidity (NTU)	82079	41.3	59.8	73.4	44.7						
pH	00400	8.3	8.6	8.6	9.2						
Temperature (C)	00010	22	28.3	28.3	29.3						
Dissolved Oxygen (mg/L)	00300	4.5	7.8	4	4.8						
Conductivity (umhos/cm)	00094	3500	4400	5750	6540						
Total Phosphorus (mg/L)	00665	0.27	0.37	0.28	0.06						
Nitrate-N (mg/L)	00620	0.48	0.19	0.52	0.43						
Chloride (mg/L)	00940	891	969	1384	<1.0						
Sulfate (mg/L)	00945	10.8	13.6	11.4	92.6						
Total Hardness (mg/L)	00900	160	115	137	67.1						
Ammonia-N (mg/L)	00610	0.20	0.12	<0.10	0.14						
Chlorophyll a (mg/m ³)	32211	20.2	45.4	26.3	15.3						
Pheophytin (mg/m ³)	32218	9.3	<1	4.9	1.7						
TKN	00625	6.2	2.56	3.90	4.40						

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		1/31/12	2/13/12	3/6/12	4/4/12	5/2/12	6/14/12	7/10/12	7/16/12	8/14/12	9/5/12
Weather Conditions (Wet or Dry)		Wet	Wet	Wet	Wet	Dry	Dry	Dry	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		6.52"	0.30"	0.01"	0.07"	0.00"	0.21"	0.63"	2.78"	0.00"	0.00"
Flow (cfs)	00061	0.5	1.3	<0.01	0.03	<0.01	0.0	0.0	0.0	DRY	DRY
E coli (organisms/100 mL)	31699	1170	1180	23	140	86	6	63	1100		
Suspended Solids (mg/L)	00530	67.3	27.5	17.7	40.9	62.5	96.0	422	474		
Turbidity (NTU)	82079	72.4	22.5	20.4	27.6	61.5	98.8	280			
pH	00400	7.9	7.8	7.7	7.6	7.9	7.9	8.2	7.9		
Temperature (C)	00010	14.1	10.3	16.0	21.9	25.1	28.8	27.5	26.4		
Dissolved Oxygen (mg/L)	00300	6.5	8.8	7.2	2.4	2.7	2.2	3.3	4.4		
Conductivity (umhos/cm)	00094	572	1880	1880	893	2260	1480	1830	1700		
Total Phosphorus (mg/L)	00665	0.07	0.19	0.27	0.39	0.56	0.36	0.73	0.85		
Nitrate-N (mg/L)	00620	1.34	0.25	0.25	<0.05	0.39	0.28	0.24	0.21		
Chloride (mg/L)	00940	83.1	361	322	109	347	212	294			
Sulfate (mg/L)	00945	25.1	64.8	51.1	29.0	15.2	19.3	21.8			
Total Hardness (mg/L)	00900	90	187	216	182	256	144	184			
Ammonia-N (mg/L)	00610	1.91	<0.10	0.29	0.17	0.32	0.33	0.13	0.18		
Chlorophyll a (mg/m ³)	32211	3.0	2.1	9.8	18.8	33.4	98.5	136			
Pheophytin (mg/m ³)	32218	<1.0	30.3	2.8	4.3	42.5	63.7	78.0			
TKN	00625	1.19	1.56	1.52	1.55	2.73	2.76	3.68	3.77		

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		10/1/12	12/18/12	1/16/13	2/4/13	2/20/13	3/20/13	4/2/13	4/4/13	6/5/13	7/1/13
Weather Conditions (Wet or Dry)		Wet	Dry	Wet	Dry	Dry	Dry	Dry	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		1.97"	0.45"	0.07"	0.02"	0.03"	0.29"	2.57"	3.02"	.08"	.55"
Flow (cfs)	00061	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699										
Suspended Solids (mg/L)	00530										
Turbidity (NTU)	82079										
pH	00400										
Temperature (C)	00010										
Dissolved Oxygen (mg/L)	00300										
Conductivity (umhos/cm)	00094										
Total Phosphorus (mg/L)	00665										
Nitrate-N (mg/L)	00620										
Chloride (mg/L)	00940										
Sulfate (mg/L)	00945										
Total Hardness (mg/L)	00900										
Ammonia-N (mg/L)	00610										
Chlorophyll a (mg/m ³)	32211										
Pheophytin (mg/m ³)	32218										
TKN	00625										

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Parameter	Parameter Code	Date and 24 hour time									
		8/7/13	9/24/13	10/2/13	11/18/13	12/4/13	01/13/14	2/5/14	3/10/14	4/9/14	5/8/14
Weather Conditions (Wet or Dry)		Dry	Wet	Wet	Wet	Dry	Dry	Dry	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	3.0"	1.95"	0.00"	0.67"	0.41"	0.21"	0.88"	0.44"	0.0"
Flow (cfs)	00061	DRY	DRY	<0.01	<0.01	<0.01	<0.01	0.0	<0.01	<0.01	DRY
E coli (organisms/100 mL)	31699			310	1300	20	>2400	25	99	580	
Suspended Solids (mg/L)	00530			18.4	16.0	10.7	7.60	8.30	24.7	16.2	
Turbidity (NTU)	82079			74.9	15.5	9.1	8.5	10.2	36.7	30.0	
pH	00400			7.9	7.7	7.6	8.0	7.7	8.0	8.0	
Temperature (C)	00010			25.7	18.7	14.2	11.9	9.6	13.7	15.4	
Dissolved Oxygen (mg/L)	00300			5.7	4.4	5.2	7.7	9.3	8.9	4.8	
Conductivity (umhos/cm)	00094			298	1170	1910	3030	3500	3700	4260	
Total Phosphorus (mg/L)	00665			0.35	0.27	0.12	0.09	0.09	0.20	0.38	
Nitrate-N (mg/L)	00620			0.64	0.21	0.13	0.71	0.52	0.69	0.67	
Chloride (mg/L)	00940			18.8	181	325	603	659	759	892	
Sulfate (mg/L)	00945			17.8	33.8	45.4	81.7	89.8	90.2	51.3	
Total Hardness (mg/L)	00900			104	210	248	274	262	234	218	
Ammonia-N (mg/L)	00610			<0.10	<0.10	<0.10	<0.10	0.19	0.24	0.60	
Chlorophyll a (mg/m ³)	32211			13.7	44.8	18.6	8.90	8.86	---	34.5	
Pheophytin (mg/m ³)	32218			1.28	5.63	5.28	2.50	2.61	---	9.79	
TKN	00625			0.74	1.53	0.46	1.80	1.85	1.85	3.33	

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		5/15/14	6/10/14	7/2/14	8/6/14	9/3/14	9/9/14	9/22/14	10/6/14	11/3/14	11/6/14
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Dry	Dry	Wet	Wet	Dry	Dry	Wet
Rainfall (Inches)* within last 7 days		4.34"	0.09"	0.03"	0.00"	0.01"	1.41"	4.37"	.38"	.17"	2.85"
Flow (cfs)	00061	<0.1	<0.01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
E coli (organisms/100 mL)	31699	1100	190								
Suspended Solids (mg/L)	00530	50.0	33.1								
Turbidity (NTU)	82079		39.1								
pH	00400	8.4	7.7								
Temperature (C)	00010	16.8	25.9								
Dissolved Oxygen (mg/L)	00300	4.4	4.0								
Conductivity (umhos/cm)	00094	3360	935								
Total Phosphorus (mg/L)	00665	0.40	0.29								
Nitrate-N (mg/L)	00620	<0.05	<0.05								
Chloride (mg/L)	00940		119								
Sulfate (mg/L)	00945		16.3								
Total Hardness (mg/L)	00900		129								
Ammonia-N (mg/L)	00610	0.28	0.76								
Chlorophyll a (mg/m ³)	32211		2.38								
Pheophytin (mg/m ³)	32218										
TKN	00625	2.81	1.79								

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		12/1/14	1/5/15	2/3/15	2/24/15	3/11/15	4/8/15	4/20/15	5/7/15	6/8/15	7/9/15
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Dry	Wet	Dry	Wet	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.0"	1.18"	.49"	0.0"	2.19"	0.04"	1"	1.76"	0.00"	0.00"
Flow (cfs)	00061	DRY	DRY	<0.01	0.00	0.4	<0.01	0.06	0.06	0.08	0.01
E coli (organisms/100 mL)	31699			58	56	6100	46	840	170	920	4
Suspended Solids (mg/L)	00530			35.2	22.0	92.4	43.5	66.0	24.2	26.4	39.8
Turbidity (NTU)	82079			77.2		112	48.7		27.2	27.2	63.4
pH	00400			8.1	8.0	7.8	7.7	7.8	7.2	7.5	7.9
Temperature (C)	00010			9.0	5.2	13.4	22.4	18.7	25.1	28.5	29.2
Dissolved Oxygen (mg/L)	00300			9.1	11.4	7.8	3.2	4.8	2.6	4.7	3.0
Conductivity (umhos/cm)	00094			924	1590	276	1390	400	1850	1730	3240
Total Phosphorus (mg/L)	00665			0.26	0.12	0.35	0.20	0.36	0.23	0.22	0.37
Nitrate-N (mg/L)	00620			0.08	0.26	0.34	<0.05	0.08	<0.05	0.30	<0.05
Chloride (mg/L)	00940			135		21.5	230		322	283	629
Sulfate (mg/L)	00945			36.1		13.8	23.7		27.0	34.2	43.4
Total Hardness (mg/L)	00900			158		94.0	196		273	217	212
Ammonia-N (mg/L)	00610			<0.10	<0.10	0.13	0.15	0.17	<0.10	<0.10	0.17
Chlorophyll a (mg/m ³)	32211			<1.0		<1.0	18.1		16.9	19.8	10.7
Pheophytin (mg/m ³)	32218			51.6		6.77	3.74		9.38	10.6	7.54
TKN	00625			1.48	1.45	1.46	<0.20	0.28	1.31	1.26	1.85

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

Parameter	Parameter Code	Date and 24 hour time									
		8/3/15	9/17/15	10/7/15	10/28/15	11/18/15	12/2/15	12/17/15	1/5/16	2/2/16	3/1/16
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Wet	Dry	Dry	Wet	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.0"	0.28"	0.00"	7.55"	0.37"	0.68"	1.21"	0.29"	0.16"	0.00"
Flow (cfs)	00061	0	DRY	DRY	0.01	0.4	0.1	0.05	0.08	0.08	0.04
E coli (organisms/100 mL)	31699	9			5500	2500	65	310	320	27	610
Suspended Solids (mg/L)	00530	60.8			160	69.7	23.9	16.2	29.2	82	52.6
Turbidity (NTU)	82079	135			257	111	30.7		33.4	56.9	60.4
pH	00400	8.6			8.0	7.5	7.8	7.8	7.9	7.9	8
Temperature (C)	00010	28.1			17.1	15.7	12.0	12.4	8.6	14	19.8
Dissolved Oxygen (mg/L)	00300	1.9			4.7	5.4	7.9	7.1	10.4	6.5	7.1
Conductivity (umhos/cm)	00094	4170			2610	1040	2230	1840	2350	3450	3410
Total Phosphorus (mg/L)	00665	0.61			0.40	0.35	0.18	0.17	0.16	0.15	0.20
Nitrate-N (mg/L)	00620	<0.05			0.48	0.30	0.47	<0.05	<0.05	<0.05	<0.05
Chloride (mg/L)	00940	819			611	158	381		452	752	745
Sulfate (mg/L)	00945	15.3			91.9	27.7	41.7		59.9	73.1	87.6
Total Hardness (mg/L)	00900	118			121	140	212		211	260	206
Ammonia-N (mg/L)	00610	0.27			<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	18.2			20.6	11.1	25.1		23.5	19.5	23
Pheophytin (mg/m ³)	32218	11.0			5.03	1.92	1.63		2.18	2.28	2.58
TKN	00625	2.63			3.38	1.19	1.47	1.09	1.48	1.6	1.39

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

Parameter	Parameter Code	Date and 24 hour time									
		3/14/16	4/6/16	5/2/16	5/23/16	6/8/16	7/11/16	8/1/16	9/7/16	10/24/16	11/14/16
Weather Conditions (Wet or Dry)		Wet	Dry	Wet	Wet	Wet	Dry	Wet	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		3.18"	0.16"	1.7"	3.15"	2.05"	0.04"	1.14"	0.78"	0.02"	0.75"
Flow (cfs)	00061	0.06	0.02	0.02	0.20	0.3	<0.01	0.00	0.01	0.00	0.02
E coli (organisms/100 mL)	31699	1400	210	170	610	370	15	20	240	10	190
Suspended Solids (mg/L)	00530	140	90.9	85.3	42	31.2	137	103	41.9	19.0	97.3
Turbidity (NTU)	82079		123	128		32.8	193	256	139	126	236
pH	00400	7.4	7.9	7.9	7.4	7.2	8.2	8.3	7.6	8.1	7.9
Temperature (C)	00010	16.3	17.3	21.7	24.5	28.0	28.9	28.1	27.9	18.1	16.7
Dissolved Oxygen (mg/L)	00300	4.2	5.2	6.1	3.4	4.3	3.6	7.5	3	5.5	5.6
Conductivity (umhos/cm)	00094	701	2060	1160	617	710	2860	3450	1100	1920	2120
Total Phosphorus (mg/L)	00665	0.40	0.38	0.50	0.24	0.18	0.58	0.73	0.47	0.37	0.37
Nitrate-N (mg/L)	00620	0.06	0.53	<0.05	0.08	0.06	0.54	<0.05	<0.05	<0.05	<0.05
Chloride (mg/L)	00940		348	163		82.9	651	689	163	324	363
Sulfate (mg/L)	00945		24.6	20.6		22.4	34.5	28	25.6	18.6	17.8
Total Hardness (mg/L)	00900		168	150		157	148	141	115	148	122
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	0.13	<0.10	<0.10	<0.10	<0.10	0.13	0.10
Chlorophyll a (mg/m ³)	32211		27.50	35		24.2	10.4	66.2	29.2	7.10	24.2
Pheophytin (mg/m ³)	32218		<1.0	<1.0		<1.0	1.36	12.8	2.23	4.00	3.76
TKN	00625	1.91	1.49	1.96	1.21	0.30	1.30	2.37	1.12	1.44	1.83

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

Station Name		West Fork Plum Creek at Biggs Rd (CR131)									
TCEQ Segment No.		1810									
TCEQ Station Id No.		20500									
Monitoring Type		Routine									
Latitude 29.699616		Longitude -97.611752									
		Date and 24 hour time									
Parameter	Parameter Code	12/6/16	1/30/17	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)		Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry	Wet	Dry
Rainfall (Inches)* within last 7 days		3.02"	0.00	2.61"	0.70"	2.08"	0.00"	1.93"	0.00"	2.92"	0.00"
Flow (cfs)	00061	57*	<0.01	0.1	17.00	0.03	<0.01	<0.01	0.00	0.00	0.07
E coli (organisms/100 mL)	31699	11000	310	1600	3800	430	15	5	96	8200	62
Suspended Solids (mg/L)	00530	97.3	60.9	96.3	73.3	87.6	75.6	237	151	658	14.8
Turbidity (NTU)	82079	92.7	62.1	117	78.8	95.6	129	229	291	>8000	13.7
pH	00400	7.5	8.2	7.7	7.4	7.6	8.2	8.6	8.7	8.7	7.4
Temperature (C)	00010	11.9	7.6	18.1	15.7	17.9	22.9	28.0	29.6	23.7	24.4
Dissolved Oxygen (mg/L)	00300	9.7	11.2	8.3	9.4	4.5	5.8	6.5	2.4	7.5	3.3
Conductivity (umhos/cm)	00094	176	932	1780	248	1310	2410	3270	4790	673	889
Total Phosphorus (mg/L)	00665	0.31	0.20	0.30	0.23	0.46	0.35	0.62	1.26	0.46	0.25
Nitrate-N (mg/L)	00620	1.11	<0.05	<0.05	0.25	<0.05	<0.05	<0.05	<0.05	0.62	<0.05
Chloride (mg/L)	00940	7.16	62.6	260	11.5	195	493	645	966	151	136
Sulfate (mg/L)	00945	11.5	32.4	34.0	15.1	33.4	31.0	23.6	16	57.6	21.1
Total Hardness (mg/L)	00900	74.8	146	161	94.2	143	138	135	109	892	130
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	0.18	<0.10	<0.10	<0.10	0.24	<0.10
Chlorophyll a (mg/m ³)	32211	3.60	14.00	57.8	10.3	33.7	13.9	60.7	185	6.05	17.6
Pheophytin (mg/m ³)	32218	<1.00	<1.00	13.4	4.49	7.22	4.17	19.8	9.97	4.73	3.25
TKN	00625	1.53	0.93	1.90	1.08	1.91	1.70	2.27	1.51	4.09	1.57

* Estimate due to high flows

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

		Date and 24 hour time									
Parameter	Parameter Code	10/17/17	2/21/18	3/13/18	4/2/18	5/8/18	6/14/18	7/10/18	8/6/18	9/10/18	10/9/18
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Wet	Wet	Dry	Dry	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		0.00"	0.33"	0.00"	6.08"	2.50"	0.00"	0.00"	0.00"	1.37"	1.49"
Flow (cfs)	00061	<0.01	0.03	<0.01	0.20	0.1	<0.01	<0.01	<0.01	<0.01	<0.01
E coli (organisms/100 mL)	31699	920	0.17	730	1800	250	81	120	13	1400	>2400
Suspended Solids (mg/L)	00530	29.4	11.1	39	27.2	99	83.5	222	110	242	170
Turbidity (NTU)	82079	38.0	0.46	30.6	32.9	57.3	187	349	712	3290	1673
pH	00400	8.2	8.3	8.5	7.4	8.2	8.7	8.5	8.6	8.2	7.8
Temperature (C)	00010	15.3	16	13.4	22	22.6	30.9	26.8	25.9	24.1	24.6
Dissolved Oxygen (mg/L)	00300	5.3	4.7	10.2	3.6	4.8	4.4	3.9	0.5	3.2	2.4
Conductivity (umhos/cm)	00094	2880	3460	3430	856	2850	4170	2650	4070	383	738
Total Phosphorus (mg/L)	00665	0.22	0.22	0.25	0.27	0.23	0.30	0.91	1.03	0.62	0.31
Nitrate-N (mg/L)	00620	<0.05	0.63	<0.05	0.285	<0.05	<0.05	<0.05	2.99	0.22	0.07
Chloride (mg/L)	00940	541	651	670	122	577	850	526	1.23	55.4	106
Sulfate (mg/L)	00945	26.0	22	26.3	48.7	43.6	24.9	16	1	23.1	14.9
Total Hardness (mg/L)	00900	177	158	134	171	151	110	148	168	574	230
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	0.19	<0.10	<0.10	0.18	0.45	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	10.4	40.20	26.5	8.49	32.3	62.4	60.3	50.7	10	6.74
Pheophytin (mg/m ³)	32218	3.20	8.62	6.49	<1.00	8.19	17.7	15.7	13.9	10	3.26
TKN	00625	1.61	1.68	1.46	1.38	1.64	0.63	3.01	4.18	1.89	1.89

* Estimate due to high flows

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

		Date and 24 hour time									
Parameter	Parameter Code	11/19/18	12/5/18	12/18/18	1/7/19	2/19/19	3/13/19	4/4/19	5/13/19	6/12/19	6/17/19
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Wet	Dry	Dry	Dry	WET	WET	Wet
Rainfall (Inches)* within last 7 days		0.15"	0.03"	0.02"	2.58"	0.15"	0.04"	0.05"	2.39"	1.50"	1.30"
Flow (cfs)	00061	0.3	0.09	0.03	0.20	0.03	0.04	0.04	0.06	<0.01	Flood
E coli (organisms/100 mL)	31699	250	26	110		140	70	36	340	220	22000
Suspended Solids (mg/L)	00530	59.5	35.7	44.2	65.5	25.9	52.3	36	46.5	89.7	480
Turbidity (NTU)	82079	204.0	140		85	26	39	70	65	110	
pH	00400	7.6	7.9	7.6	7.3	7.9	8.3	8.4	7.8	7.7	7.6
Temperature (C)	00010	10.2	10.1	9.6	11.6	10.7	19.4	16.2	21.8	23.7	23.5
Dissolved Oxygen (mg/L)	00300	8.2	8.7	9.3	5.6	9	8.6	9	8	8	5.9
Conductivity (umhos/cm)	00094	1070	1380	1100	768	2920	3200	3610	680	1050	365
Total Phosphorus (mg/L)	00665	0.50	0.53	0.17	0.2	0.12	0.20	0.284	0.282	0.5	0.768
Nitrate-N (mg/L)	00620	0.2	<0.05	0.3	0.26	<0.05	<0.05	<0.05	0.239	<0.05	
Chloride (mg/L)	00940	182	271		93.7	552	633	690	83.9	176	
Sulfate (mg/L)	00945	38.6	39.4		34.4	62	59.2	45.9	37	18.1	
Total Hardness (mg/L)	00900	101	126		152	210	181	160	166	101	
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	0.18	<0.10	<0.10	<0.10	0.17	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	42.6	29.90		5.67	9.67	37.5	42	13.3	22.4	
Pheophytin (mg/m ³)	32218	5.39	2.39		2.18	2.64	6.32	7.17	3.83	8.44	
TKN	00625	2.32	2.46	1.25	1.22	0.95	1.39	1.71	1.17	1.47	2.38

* Estimate due to high flows

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

Station Name	West Fork Plum Creek at Biggs Rd (CR131)
TCEQ Segment No.	1810
TCEQ Station Id No.	20500
Monitoring Type	Routine
Latitude 29.699616	Longitude -97.611752

Parameter	Parameter Code	Date and 24 hour time					
		7/24/19	8/8/19	9/5/19	12/5/19	3/30/20	4/13/20
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.00"	0.00"	0.17"	0.44	0.24"

Flow (cfs)	00061	0	0	0	DRY	<0.01	<0.01
E coli (organisms/100 mL)	31699	23	8	370		110	130
Suspended Solids (mg/L)	00530	110.0	107	536		45.1	57.7
Turbidity (NTU)	82079	140	270	1800		95	70
pH	00400	8.2	8.3	8.1		8.1	8
Temperature (C)	00010	27.2	29	25.5		19.1	16.4
Dissolved Oxygen (mg/L)	00300	5.6	2.5	2.4		2.4	5.7
Conductivity (umhos/cm)	00094	1480	1680	1730		3720	716
Total Phosphorus (mg/L)	00665	0.38	0.50	0.96		0.771	0.57
Nitrate-N (mg/L)	00620	<0.5	<0.05	<0.05		<0.05	<0.05
Chloride (mg/L)	00940	262	341	334		787	101
Sulfate (mg/L)	00945	19.5	18	25.6		28.3	22.3
Total Hardness (mg/L)	00900	165	141	561		147	84
Ammonia-N (mg/L)	00610	<0.10	<0.10	0.12		<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	34.60	39.20	46.2		62.4	45.5
Pheophytin (mg/m ³)	32218	10.4	18.5	12.3		16.4	15
TKN	00625	<2.00	1.9	<2.0		3.24	<2.00

* 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	12/5/19	3/30/20	4/13/20
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.00"	0.00"	0.17"	0.44	0.24"

Flow (cfs)	00061	0	0	0	DRY	<0.01	<0.01
E coli (organisms/100 mL)	31699	23	8	370		110	130
Suspended Solids (mg/L)	00530	110.0	107	536		45.1	57.7
Turbidity (NTU)	82079	140	270	1800		95	70
pH	00400	8.2	8.3	8.1		8.1	8
Temperature (C)	00010	27.2	29	25.5		19.1	16.4
Dissolved Oxygen (mg/L)	00300	5.6	2.5	2.4		2.4	5.7
Conductivity (umhos/cm)	00094	1480	1680	1730		3720	716
Total Phosphorus (mg/L)	00665	0.38	0.50	0.96		0.771	0.57
Nitrate-N (mg/L)	00620	<0.5	<0.05	<0.05		<0.05	<0.05
Chloride (mg/L)	00940	262	341	334		787	101
Sulfate (mg/L)	00945	19.5	18	25.6		28.3	22.3
Total Hardness (mg/L)	00900	165	141	561		147	84
Ammonia-N (mg/L)	00610	<0.10	<0.10	0.12		<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	34.60	39.20	46.2		62.4	45.5
Pheophytin (mg/m ³)	32218	10.4	18.5	12.3		16.4	15
TKN	00625	<2.00	1.9	<2.0		3.24	<2.00

* 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	12/5/19	3/30/20	4/13/20
Weather Conditions (Wet or Dry)		Dry	Dry	Dry	Dry	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.00"	0.00"	0.17"	0.44	0.24"

Flow (cfs)	00061	0	0	0	DRY	<0.01	<0.01
E coli (organisms/100 mL)	31699	23	8	370		110	130
Suspended Solids (mg/L)	00530	110.0	107	536		45.1	57.7
Turbidity (NTU)	82079	140	270	1800		95	70
pH	00400	8.2	8.3	8.1		8.1	8
Temperature (C)	00010	27.2	29	25.5		19.1	16.4
Dissolved Oxygen (mg/L)	00300	5.6	2.5	2.4		2.4	5.7
Conductivity (umhos/cm)	00094	1480	1680	1730		3720	716
Total Phosphorus (mg/L)	00665	0.38	0.50	0.96		0.771	0.57
Nitrate-N (mg/L)	00620	<0.5	<0.05	<0.05		<0.05	<0.05
Chloride (mg/L)	00940	262	341	334		787	101
Sulfate (mg/L)	00945	19.5	18	25.6		28.3	22.3
Total Hardness (mg/L)	00900	165	141	561		147	84
Ammonia-N (mg/L)	00610	<0.10	<0.10	0.12		<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	34.60	39.20	46.2		62.4	45.5
Pheophytin (mg/m ³)	32218	10.4	18.5	12.3		16.4	15
TKN	00625	<2.00	1.9	<2.0		3.24	<2.00

* 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

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

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