

Station Name Clear Fork Plum Creek at Old Luling Road (CR213)
 TCEQ Segment No. 1810
 TCEQ Station Id No. 14945
 Monitoring Type Targeted
 Latitude 29.826294 Longitude -97.667809

Parameter	Parameter Code	Date and 24 hour time									
		3/13/08	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		1.80"	0.03"	0.67"	1.35"	0.42"	0.50"	2.47"	1.63"	4.19"	1.01"
Flow (cfs)	00061	4.7	0.81	0.28	0.77	0	0.39	0.81	0.68	0.4	9.1
E coli (organisms/100 mL)	31699	2000	50	110	1500	56	250	20	720	400	280
pH	00400	7.68	7.6	7.7	7.6	7.2	7.7	7.8	7.6	7.6	7.8
Temperature (C)	00010	16.2	22.3	26.6	25.8	20.4	15.2	14.4	20.8	24.7	24.7
Dissolved Oxygen (mg/L)	00300	8.5	5.7	7.6	4.4	3	10.1	10.2	6.6	3.8	7.3
Conductivity (umhos/cm)	00094	503	680	706	649	693	697	680	651	905	421
Total Phosphorus (mg/L)	00665	0.34	<0.05	0.12	0.18	0.06	<0.05	<0.05	0.05	0.14	0.15
Nitrate-N (mg/L)	00620	5.40	0.05	0.17	0.25	0.17	1.76	1.12	0.49	1.88	2.36
Ammonia-N (mg/L)	00610	0.11	0.1	0.1	0.17	0.1	0.19	0.1	0.12	0.26	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	9/8/10	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	Dry	Dry	Dry	Wet	Dry	Dry	Wet	Wet
Rainfall (Inches)* within last 7 days		1.64"	4.51"	0.00"	0.00"	0.00"	1.82"	0.01"	0.00"	6.52"	2.12"
Flow (cfs)	00061	3.2	4.1	1.3	0.7	0	0	0	3.2	33	9
E coli (organisms/100 mL)	31699	270	540	35	43	110	140	130	31	1170	160
pH	00400	8.1	7.8	7.9	7.8	8.4	7.6	7.6	8.1	7.9	7.7
Temperature (C)	00010	28.3	25.7	19.9	22.1	32.1	21.8	19.3	13.8	14.7	19.4
Dissolved Oxygen (mg/L)	00300	7.6	9.2	7.6	6.8	9.9	7.1	8.9	8.5	9.5	8.1
Conductivity (umhos/cm)	00094	694	572	651	694	643	843	1020	790	279	423
Total Phosphorus (mg/L)	00665	0.05	0.11	<0.05	<0.05	0.11	0.24	0.16	0.02	0.26	0.15
Nitrate-N (mg/L)	00620	2.74	1.45	3.12	1.04	0.15	0.18	0.1	2.12	1.20	1.31
Ammonia-N (mg/L)	00610	<0.10	0.1	0.16	0.31	0.60	0.59	0.42	0.24	0.25	0.27
TKN	00625			0.56		0.56	1.33	1.65	0.40	1.00	0.76
Total Suspended Solids	00530						4.2	7.7	2.8	219	30.5

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		4/24/12	6/18/12	7/16/12	10/1/12	11/14/12	1/16/13	2/20/13	4/4/13	5/9/13	7/1/13
Weather Conditions (Wet or Dry)		Dry	Dry	Wet	Wet	Dry	Wet	Dry	Wet	Dry	Dry
Rainfall (Inches)* within last 7 days		0.00"	0.18"	2.78"	1.97"	0.00"	0.07"	0.03"	3.02"	0.01"	0.55"
Flow (cfs)	00061	0.8	0.8	0.9	2.3	0.1	1.0	0.9	4.8	0.3	0.0
E coli (organisms/100 mL)	31699	91	15	38	80	10	44	40	350	120	40
pH	00400	8.0	7.8	7.6	7.8	7.8	7.9	7.9	7.7	7.7	7.4
Temperature (C)	00010	21.6	28.0	27.2	22.8	15.9	9.8	14.1	16.4	21.4	25.9
Dissolved Oxygen (mg/L)	00300	8.5	8.2	6.7	6.4	4.5	9.6	10.5	6.5	6.9	2.7
Conductivity (umhos/cm)	00094	603	660	600	497	618	455	652	448	633	586
Total Phosphorus (mg/L)	00665	0.08	0.04	0.03	0.06	0.02	0.03	<0.02	0.06	0.04	0.11
Nitrate-N (mg/L)	00620	1.50	0.58	0.06	1.89	7.12	1.02	1.25	1.17	0.16	0.12
Ammonia-N (mg/L)	00610	0.15	0.25	0.15	0.23	0.21	0.11	0.24	0.19	0.16	0.16
TKN	00625	0.71	0.54	0.43	0.55	0.38	0.75	0.51	0.78	0.52	1.69
Total Suspended Solids	00530	10.5	6.10	4.40	13.3	1.30	6.63	2.40	20.8	4.60	4.40

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		9/24/13	1/20/14	4/15/14	5/15/14	7/8/14	9/9/14	9/22/14	1/26/15	2/24/15	4/20/15
Weather Conditions (Wet or Dry)		Wet	Dry	Dry	Wet	Dry	Wet	Wet	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		2.97"	0.0"	0.0"	4.34	0.69"	1.41"	4.37	3.26"	0.0"	1"
Flow (cfs)	00061	0.0	0.7	1.2		0.2	0.0	0.1	11	1.3	10
E coli (organisms/100 mL)	31699	150	82	31	800	54	75	150	930	190	520
pH	00400	7.5	7.9	7.9	7.8	7.5	8.0	7.5	8.1	7.8	7.8
Temperature (C)	00010	22.6	12.0	18.6	19.7	28.3	28.4	26.1	10.4	10.1	19.8
Dissolved Oxygen (mg/L)	00300	3.8	11.6	8.7	6.1	6.4	6.1	5.7	10.8	11.2	7.6
Conductivity (umhos/cm)	00094	567	783	744	310	487	476	415	356	659	370
Total Phosphorus (mg/L)	00665	0.39	<0.02	0.02	0.26	0.04	0.12	0.10	0.18	0.02	0.32
Nitrate-N (mg/L)	00620	0.11	3.56	0.22	1.74	<0.05	<0.05	<0.05	2.31	2.30	1.88
Ammonia-N (mg/L)	00610	0.3	<0.10	0.34	0.52	0.27	0.20	0.31	0.20	<0.10	0.20
TKN	00625	1.87	0.45	0.455	1.31	0.63	0.77	0.20	1.08	0.52	1.13
Total Suspended Solids	00530	5.00	1.90	1.90	82.4	2.00	4.30	11.2	46.8	6.40	64.0

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		6/15/15	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
Weather Conditions (Wet or Dry)		Wet	Dry	Wet	Wet	Dry	Wet	Wet	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		0.69"	0.00"	7.55"	1.21"	0.16"	3.18"	3.15"	1.90"	0.02"	3.02"
Flow (cfs)	00061	25.0	1.0	2.0	4.7	1.9	9.7	21	2.9	3.0	84
E coli (organisms/100 mL)	31699	160	32	390	170	120	600	560	130	61	2500
pH	00400	8.0	7.9	7.7	7.8	8.3	7.9	8.0	7.9	7.8	7.6
Temperature (C)	00010	27.0	28.6	19.7	13.9	15.9	19.8	23.8	28.0	21.4	12.4
Dissolved Oxygen (mg/L)	00300	8.8	5.8	6.4	8.0	11.4	8.0	7.9	8.4	8.8	10.5
Conductivity (umhos/cm)	00094	402	392	534	474	702	488	315	601	678	308
Total Phosphorus (mg/L)	00665	0.10	0.06	0.15	0.07	<0.02	0.09	0.15	0.04	0.02	0.29
Nitrate-N (mg/L)	00620	1.68	0.67	1.99	1.42	4.73	4.71	1.36	4.78	5.84	3.10
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	0.88	0.92	0.96	0.92	0.18	1.12	1.02	0.27	<0.20	1.09
Total Suspended Solids	00530	11.7	4.60	6.70	10.4	1.60	16.6	35.7	3.80	3.30	46.7

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		2/21/17	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
Weather Conditions (Wet or Dry)		Wet	Wet	Dry	Dry	Wet	Dry	Dry	Wet	Dry	Wet
Rainfall (Inches)* within last 7 days		1.37"	2.08"	0.05"	0.00"	2.92"	0.00"	0.00"	6.08"	0.05"	1.37"
Flow (cfs)	00061	35.0	18	4.3	1.2	3.3	8.7	2.8	19	0.9	13
E coli (organisms/100 mL)	31699	3100	740	240	110	460	40	120	580	76	190
pH	00400	8.9	7.9	7.9	7.8	8.0	7.9	7.7	8	7.7	7.8
Temperature (C)	00010	18.5	20.6	22.8	28.7	26.6	26.1	21.2	21.6	27	25.2
Dissolved Oxygen (mg/L)	00300	9.5	8.7	7.9	8.2	7.6	7.6	7.3	7.9	6.3	6.3
Conductivity (umhos/cm)	00094	460	585	697	607	560	308	733	420	663	463
Total Phosphorus (mg/L)	00665	0.23	0.08	0.02	<0.02	0.04	0.19	0.02	0.19	0.03	0.08
Nitrate-N (mg/L)	00620	4.54	4.92	9.47	5.76	4.04	1.38	6.82	3.55	2.79	2.64
Ammonia-N (mg/L)	00610	<0.10	<0.10	<0.10	<0.10	0.10	0.12	<0.10	0.13	<0.10	<0.10
TKN	00625	1.80	1.30	<0.20	<0.20	3.64	0.95	<0.20	1.34	<0.20	0.76
Total Suspended Solids	00530	52.7	24.2	5.90	4.20	10.0	11.2	2.1	6.80	4.90	15.1

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