Data after February 2018 is preliminary and subject to change during data review and validation process

TABLE 17

TNRCC Segment 1810
TNRCC Station 12645
Station Number 17 Plum Creek at CR 197 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

Parameter	Parameter Code	Date and 24 hour time 10/15/96 1228	11/5/96 919	12/10/96 1046	1/21/97 1520	2/17/97 1645	3/24/97 856	4/21/97 1318	5/13/97 1400	6/2/97 945	7/15/97 1440	8/19/97 1045	9/29/97 1430
Flow (cfs)		3.77	2.74	3.6	7.18	24.8	7.44	6.89	23.8	13.4	3.94	2.32	2.42
Fecal Coliform(org/100mL)	31616	250	97	104	96	525	176	132	1360	270	233	188	108
Suspended Solids(mg/L)	530	29.3	21	30.3	3.4	44.4	29	19.8	113	52.1	19.1	28.5	23
Turbidity(NTU)	82079	14	8.1	17.4	2.9	37	18	6.8	110	31	143	23.5	8.7
pH	400	7.86	7.84	8.08	8.17	8.15	7.67	7.79	7.98	7.39	7.25	8.02	7.83
Temperature(C)	10	21.07	16.35	13.95	12.05	11.65	19.48	20.44	19.92	22.66	27.61	26.5	23.31
Dissolved Oxygen(mg/L)	300	6.6	7.05	6.01	9.75	10.56	7.19	6.86	7.51	6.94	5.91	5.8	6.27
Conductivity(umhos/cm)	94	1163	1175	1181	1275	476	892	985	773	703	796	1200	1140
Total Phosphorus(mg/L)	665	1.77	1.889	1.53	1.02	0.7	1.33	0.75	1.24	0.56	0.55	1.28	1.4
Nitrate-N(mg/L)	620	12.7	10.6	8.1	8.6	1.62	2.8	5.4	2.6	2.3	4	8.2	11.4
Chloride(mg/L)	940	152	157	177	176	39.2	81.1	149	80.5	72.6	74.8	153	134
Sulfate(mg/L)	945	91.4	83.8	85.6	89.8	22	79.4	81.2	75.5	59.2	73.3	100	745
Total Hardness(mg/L)	900	312	312	330	376	194	283	302	260	241	261	313	392
Ammonia-N(mg/L)	610	0.08		0.09		0.21		0.13		0.24		0.08	
E. coli(org/100mL)	31648	150	40	<2	68	500	4	108	610	140	104	161	52
Chlorophyll a(mg/m^3)	32211	<1.0	<1.0	<1	6.67	<1.0	<1.0	1.8	4	13.4	<1.0	2.7	<1.0

Parameter	Parameter Code	Date and 24 hour time 10/21/97 1010	11/18/97 1010	12/9/97 1501
Flow (cfs)		3.35	5.17	6.3
Fecal Coliform(org/100mL)	31616	100	164	184
Suspended Solids(mg/L)	530	13.4	5.4	15.5
Turbidity(NTU)	82079	17	4.3	8.6
pH	400	7.74	7.69	7.8
Temperature(C)	10	19.17	10.49	15.3
Dissolved Oxygen(mg/L)	300	6.92	8.98	7.19
Conductivity(umhos/cm)	94	827	886	991
Total Phosphorus(mg/L)	665	0.7	0.54	0.52
Nitrate-N(mg/L)	620	5.2	2.5	5.7
Chloride(mg/L)	940	41.6	96.8	118
Sulfate(mg/L)	945	73.3	81.5	84.8
Total Hardness(mg/L)	900	315	322	307
Ammonia-N(mg/L)	610	0.1		0.13
E. coli(org/100mL)	31648	56	132	176
Chlorophyll a(mg/m^3)	32211	<1.0	6.7	<1.0

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TABLE 17(cont.)

TNRCC Segment 1810
TNRCC Station 12640
Station Number 17 Plum Creek at CR 135 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

* Station 17 was moved to an existing TNRCC site at CR 135.

Parameter	Parameter Code	Date and 24 hour time 2/12/98 1341	3/18/98 930	4/14/98 1400	5/21/98 947	6/11/98 1150	7/14/98 940	8/11/98 955	9/25/98 1150	10/28/98 1030	11/17/98 1132	12/7/98 1138	1/12/99 1032
Flow (cfs)				14.7	5.87	5.27	3.15	1.12	22.2				
Fecal Coliform(org/100mL)	31616	5200	3200	100	575	67	688	196	200	400	500	64	96
Suspended Solids(mg/L)	530	219	268	22.3	42.9	11.7	24.6	17.6	26.4	244	155	45	9.5
Turbidity(NTU)	82079	200	210	20.5	17	7.5	7	18	20	65	64	31	6.6
pH	400	7.96	8.24	7.86	7.75	7.79	7.31	7.47	7.7	7.82	7.15	7.43	7.85
Temperature(C)	10	14.25	16.8	21.64	24.22	26.95	27.71	27.69	26.05	20.91	16.6	20.65	11.33
Dissolved Oxygen(mg/L)	300	9.51	9.38	8.52	5.92	5.41	4.3	4.13	6.79	7.53	10.5	7.49	10.68
Conductivity(umhos/cm)	94	466	412	1343	1446	1451	1550	1354	524	216	390	916	1257
Total Phosphorus(mg/L)	665	0.68	0.62	0.29	0.62	0.98	0.6	0.87	0.33	0.35	0.34	0.05	0.16
Nitrate-N(mg/L)	620	0.56	1.14	3.8	3.3	4.2	1.2	3.1	1.71	1	0.44	2.1	3.2
Chloride(mg/L)	940	44.4	22	209	116	22.5	240	200	55.2	8.5	21.6	115	164
Sulfate(mg/L)	945	13.8	19.5	111	89.2	85.1	85	90.4	13.7	<0.5	8.3	45.5	97.8
Total Hardness(mg/L)	900	165	187	352	354	65.8	307	268	202	90.6	125	414	329
Ammonia-N(mg/L)	610	0.3		0.14				0.14		0.17		0.11	
E. coli(org/100mL)	31648	3200	2700	60	50	48	182	88	62	140	62	64	84
Chlorophyll a(mg/m^3)	32211	<1.0	5.3	5.4	2.2	1.2	3.1	2.3	<1.0	<1.0	6.1	3.1	2.8

Parameter	Parameter Code	Date and 24 hour time 2/15/99 1100	3/17/99 1050	4/13/99 1321	5/19/99 1717	6/9/99 1104	7/14/99 1050	8/23/99 1136	9/14/99 1428	10/25/99 1000	11/9/99 1346	12/13/99 1303	1/18/00 1055
Flow (cfs)		22.5	19.2	17.4		13.1	11.8			2.48	1.05	2.09	2.49
Fecal Coliform(org/100mL)	31616	124	116	144	4600	88	300	276	<11	48	12	132	72
Suspended Solids(mg/L)	530	15.3	34.5	43.5	82.3	19	29.2	13.8	9.7	8.5	12.2	14	26.3
Turbidity(NTU)	82079	15	16.2	22.5	67	15	13.5	8.4	5.7	15.5	48	5.7	17
pH	400	7.58	8.01	8.11	7.45	7.83	7.87	8.04	7.96	7.99	7.65	7.92	7.92
Temperature(C)	10	12.79	16.27	22.31	22.11	25.32	26.37	26.83	25.25	14.49	17.05	12.55	16.58
Dissolved Oxygen(mg/L)	300	10.19	8.44	7.28	6.37	6.09	6.44	4.91	6.61	7.42	6.92	8	6.87
Conductivity(umhos/cm)	94	1540	1650	1560	356	1311	1473	1741	1704	1472	1547	1312	1167
Total Phosphorus(mg/L)	665	0.19	0.34	0.31	0.74	0.39	0.28	0.48	0.48	0.53	0.57	0.52	0.38
Nitrate-N(mg/L)	620	1.59	1.82	2.78	1.38	2.06	3.3	3.94	2.88	2.02	2.88	1.41	2.22
Chloride(mg/L)	940	257	218	240	42	236	240	296	302	257	353	191	172
Sulfate(mg/L)	945	152	131	110	11.2	90.5	91	91.1	88.2	80.4	94.2	80.2	84
Total Hardness(mg/L)	900	356	417	425	128	262	366	354	362	283	331	373	337
Ammonia-N(mg/L)	610	0.09		0.14		0.12		0.16		0.15		0.2	
E. coli(org/100mL)	31648	84	80	120	3100	84	148	38	<11	24	4	116	48
Chlorophyll a(mg/m^3)	32211	6.6	10.8	3	<1.0	<1.0	10.7	<1.0	<1	1.1	1.8	4.9	<1.0

Parameter	Parameter Code	Date and 24 hour time 2/17/00 938	3/20/00 1123	4/18/00 1523	5/16/00 1630	6/20/00 1050	7/17/00 1331	8/23/00 1041	9/20/00 1009	10/26/00 1519	11/17/00 1140	12/18/00 1100	1/15/01 1119
Flow (cfs)		0.53	16	8.22	8.95	10.8	1.15		1.04	12.4	45	30	50
Fecal Coliform(org/100mL)	31616	108	338	112	100	180	112	28	130	325	267	108	280
Suspended Solids(mg/L)	530	25	47.9	40.7	22.6	47.2	22	14.8	12	45.6	34	28.3	72.8
Turbidity(NTU)	82079	15	28	22	21	32	13	12	13	40	33	20	45
pH	400	7.79	8.01	7.86	7.667	7.43	7.75	7.64	7.93	7.66	7.76	8.1	8.02
Temperature(C)	10	19.78	13.78	22.46	25.81	26.98	28.28	27.48	24.3	23.85	12.56	9.29	10.44
Dissolved Oxygen(mg/L)	300	6.56	8.94	6.81	7.24	6.09	3.95	4.36	4.93	6.27	10.49	12.11	11.76
Conductivity(umhos/cm)	94	1307	908	1352	1104	837	1816	2061	1924	845	575	742	520
Total Phosphorus(mg/L)	665	0.34	0.33	0.59	0.59	0.61	0.49		0.74	0.64	0.3	0.27	0.26
Nitrate-N(mg/L)	620	4.02	7.69	4.54	2.86	1.56	1.81	0.6	0.561	2.08	1.82	2.28	1
Chloride(mg/L)	940	194	138	196	148	179	325	371	326	123	61.7	76.7	49.3
Sulfate(mg/L)	945	99.2	81.8	79.6	84.4	73	98.8	102	86.4	60.7	33	81.3	57
Total Hardness(mg/L)	900	336	236	349	255	214	290	324	340	180	177	246	175
Ammonia-N(mg/L)	610	0.21		0.26		0.14		0.19		0.14		0.16	
E. coli(org/100mL)	31648	104	312	88	8	40	32	16	102	288	160	4	220
Chlorophyll a(mg/m^3)	32211	3.2	2.4	5.6	<1.0	1.9	1.5	5.9	1.1	43.4	<1	8.1	<1

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TABLE 17(cont.)

TCEQ Segment 1810
TCEQ Station 12640
Station Number 17 Plum Creek at CR 135 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

Parameter	Parameter Code	Date and 24 hour time 2/14/01 1111	3/19/01 1452	4/1701 1319	5/7/01 1531	6/21/01 1134	7/16/01 1309	8/9/01 1130	9/11/01 1021	10/11/01 1101	11/7/01 1128	12/10/01 1252	1/15/02 1144
Flow (cfs)		30	50	8	35	4	5	4	13	3	9.3	370	49
Fecal Coliform(org/100mL)	31616	52	250	92	140	64	38	70	780	1160	71	**	
Suspended Solids(mg/L)	530	18	48.8	26.4	26.4	17.9	24.7	12.1	64.5	15.1	5.3	234	8.9
Turbidity(NTU)	82079	10	35	15.5	12	8	10	7.1	32	6.5	3.6	70	6.6
pH	400	7.7	8.07	7.82	7.94	7.53	7.62	7.96	8.52	7.63	7.94	7.86	8.01
Temperature(C)	10	15.36	13.3	20.97	24.41	26.46	28.92	27.96	24.74	23.02	16.23	12.89	10.12
Dissolved Oxygen(mg/L)	300	10.43	11.48	7.79	7.93	5.87	6.03	5.2	6.93	6.2	8.68	10.57	11.44
Conductivity(umhos/cm)	94	1140	708	1579	1322	1660		1897	528	1270	1332	433	1043
Total Phosphorus(mg/L)	665	0.2	0.32	0.34	0.41	0.52	0.51	0.47	0.52	0.42	0.37	0.51	0.19
Nitrate-N(mg/L)	620	2.4	1.05	3.2	3.26	4.48	1.3	1.51	1.04	1.91	3.2	0.72	2
Chloride(mg/L)	940	148	81.1	233	186	259	230	328	63.4	190	191	34.2	198
Sulfate(mg/L)	945	90.2	73.8	156	83.5	79.2	75	84.7	4.6	70.4		39.3	90
Total Hardness(mg/L)	900	338	221	502	368	374	319	315	172	298	373	362	314
Ammonia-N(mg/L)	610	0.04		0.06		0.04		0.07		0.05		0.08	
E. coli(org/100mL)	31699	40	80	80	100	32	24	13	320	100	66	1553	27
Chlorophyll a(mg/m^3)	32211	1.2	<1	2.1	4.9	10.3	6.4	1.9	<1	3.2	1	<1	6.4
Pheophytin(mg/m^3)	32218												<1

** Fecal Coliform dropped from list of parameters analyzed. E. coli used for Water Quality Index (126 org/100mL).

Parameter	Parameter Code	Date and 24 hour time 2/12/02 845	3/12/02 1117	4/16/02 1433	5/13/02 1308	6/13/02 1420	7/25/02 1107	8/9/02 1219	9/18/02 1345	10/21/02 1438	11/14/02 1219	12/16/02 1120	1/8/03 1210
Flow (cfs)		51	35	24	4.7	9	17	11	12	194	285	291	87
E. coli(org/100mL)	31699	86	579	157	517	68	119	118	84	1300	97	472	147
Suspended Solids(mg/L)	530	11.9	10.5	23.5	13.3	18.2	45	19.5	33.4	132	77.8	102	37.8
Turbidity(NTU)	82079	2.8	4.1	15	10	6.7	32	6.5	9.2	51	54	50	28
pH	400	7.88	8.01	7.85	7.93	7.86	7.84	7.86	7.84	7.89	7.84	8.22	7.63
Temperature(C)	10	13.47	17.72	23.7	22.7	27.37	27.4	27.4	25.6	20.2	15.4	12.8	11.7
Dissolved Oxygen(mg/L)	300	10.85	10.45	8.49	5.68	6.48	7.33	7	6.99	8.25	9.88	10.69	10.2
Conductivity(umhos/cm)	94	1270	1161	1180	1620	1511	757	1028	1270	491	457	503	1071
Total Phosphorus(mg/L)	665	0.23	0.28	0.33	0.36	0.59	0.25	0.24	0.42	0.4	0.31	0.27	0.16
Nitrate-N(mg/L)	620	4.2	4	1.1	1.1	3.3	1.6	1.36	0.83	0.25	0.45	0.4	1.2
Chloride(mg/L)	940	173	135	161	197	149	68.6	123	161	47.6	38.6	48.1	132
Sulfate(mg/L)	945	107	109	90.6	103	96.3	46.5	63.8	92.9	35.2	31.7	45.3	86
Total Hardness(mg/L)	900	359	382	258	394	406	241	283	302	212	200	198	341
Ammonia-N(mg/L)	610	<0.02		0.07		0.06		0.02		0.03		0.03	
Chlorophyll a(mg/m^3)	32211	<1	16.6	3.2	8.4	2.9	15.3	5.2	1.16	3.47	<1	1.87	1.4
Pheophytin(mg/m^3)	32218	30.1	7	3.3	2.7	3.5	8.3	7.5	3.89	8.68	27.5	<1	3.08

Parameter	Parameter Code	Date and 24 hour time 2/26/03 1237	3/19/03 1059	4/14/03 1110	5/14/03 1246	6/23/03 1116	7/25/03 1452	8/19/03 1344	9/15/03 1137	10/06/03 1310	11/04/03 1157	12/05/03 1345	01/12/04 1412
Flow (cfs)		572	82	34	15	8	13	12	125	5.1	10	11	11
E. coli(org/100mL)	31699	953	84	166	48	73	96	77	9680	108	77	53	161
Suspended Solids(mg/L)	530	134	19.3	18.5	21.3	23.5	19.4	22.8	405	20.2	18.9	5.7	13.1
Turbidity(NTU)	82079	67	14	7.9	9.2	27	15	17	184	14.6	13.3	4.69	1.97
pH	400	7.57	7.72	7.59	7.66	7.69	7.88	7.92	8.15	8.04	7.92	8.03	8.08
Temperature(C)	10	6.93	17.8	19	24.5	27.5	27.8	27.3	23.6	22.1	22.6	12.2	10.9
Dissolved Oxygen(mg/L)	300	13.1	9.44	8.73	8.22	6.11	6.46	6.43	7.06	7.47	5.8	8.88	14.6
Conductivity(umhos/cm)	94	379	1352	1718	1630	1121	1386	1554	394	1330	1370	1293	1400
Total Phosphorus(mg/L)	665	0.27	0.11	0.08	0.25	0.37	0.29	0.24	0.76	0.37	0.51	0.39	0.35
Nitrate-N(mg/L)	620	0.27	0.92	1.07	1.31	0.82	0.52	0.76	1.05	3.55	2.09	1.97	1.97
Chloride(mg/L)	940	31.8	182	269	233	133	187	222	25.8	155	160	175	173
Sulfate(mg/L)	945	32.1	122	163	122	79.4	77.3	89.3	38.6	79.3	75.9	81.6	88.4
Total Hardness(mg/L)	900	142	406	495	427	228	303	346	167	318	356	375	359
Ammonia-N(mg/L)	610	0.03		0.05		0.03		0.03		0.05		0.02	
Chlorophyll a(mg/m^3)	32211	4	3.03	3.78	3.4	<1	1.3	1.8	1.1	1.4	<1	<5.0	<5.0
Pheophytin(mg/m^3)	32218	2.72	3.17	4.63	1.5	4.1	6.8	2.9	18	1.1	2.1	<3.0	<3.0

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TCEQ Segment 1810 TABLE 17(cont.)
TCEQ Station 12640
Station Number 17 Plum Creek at CR 135 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

Parameter	Parameter Code	Date and 24 hour time 02/16/04 936	03/08/04 1212	04/16/04 1100	05/20/04 1204	06/15/04 1137	7/14/04 1250	8/9/04 1548	9/13/04 1103	10/19/04 1037	11/9/04 1130	12/8/04 1122	1/7/05 1217
Flow (cfs)		33	26	18	33	520	34	1056	7.6	17	47	242	59
E. coli(org/100mL)	31699	921	157	176	100	64	150	-----	79	250	-----	204	108
Suspended Solids(mg/L)	530	35.6	21.2	48.1	35.3	167	33.1	12.4	25.4	34	31	63	13.3
Turbidity(NTU)	82079	38.5	19.1	36.3	30.2	114	28	8.6	18	32.6	30.3	57.2	12
pH	400	8.2	7.51	8.15	7.29	7.9	7.94	7.9	7.9	7.76	7.81	7.45	7.81
Temperature(C)	10	8.91	17	16.9	24.6	27.4	27.1	27.1	24.7	23.5	17	14.9	12.8
Dissolved Oxygen(mg/L)	300	10.3	9.97	9.9	5.82	5.77	6.5	7.84	5.72	6.18	9.78	12.9	10.1
Conductivity(umhos/cm)	94	791	1206	851	880	303	966	1322	1585	761	753	516	1182
Total Phosphorus(mg/L)	665	0.3	0.25	0.36	0.47	0.38	0.42	0.25	0.3	0.41	0.27	0.2	0.25
Nitrate-N(mg/L)	620	1.17	1.81	1.42	1.28	0.65	1.05	0.65	0.71	0.77	1.68	0.84	2.56
Chloride(mg/L)	940	90.4	124	81.7	64.7	16.8	111	183	200	77.3	74.4	38.6	145
Sulfate(mg/L)	945	66.4	83.6	63	51.1	19.4	61.4	71.3	87.7	44.1	53.6	37.3	111
Total Hardness(mg/L)	900	226	328	245	224	133	266	310	334	219	236	192	354
Ammonia-N(mg/L)	610	0.08		0.06		0.05		0.06		0.06		0.03	
Chlorophyll a(mg/m^3)	32211	<5.0	<5.0	<5.0	<5.0	6.4	<5	3.4	1.7	1.5	<1	<1	3.4
Pheophytin(mg/m^3)	32218	4.8	<3.0	3.1	<3.0	7	<3	<3	<3	<3	<5	<3	<3

Parameter	Parameter Code	Date and 24 hour time 2/9/05 1025	3/3/05 1112	4/6/05 1043	5/2/05 1157	6/6/05 1105	7/6/05 1128	8/4/05 1059	9/8/05 1135	10/7/05 1216	11/4/5 1208	12/9/05 1351	1/5/06 1210
Flow (cfs)		1000	1320	49	27	26	7.1	8.8	7.5	7.1	10	16	12
E. coli(org/100mL)	31699	3684	>9676	172	93	194	100	170	192	80	110	310	88
Suspended Solids(mg/L)	530	95.2	269	18.5	16.9	29	22.2	24.3	42	20.7	21	8	14.7
Turbidity(NTU)	82079	171	168	13.1	12.9	21.8	17.3	12.1	15.2	11.2	9.8	4.9	10.4
pH	400	7.79	8	7.61	7.87	7.93	7.97	7.95	7.91	7.96	8.01	8.01	7.95
Temperature(C)	10	14	13.2	18.5	17.9	26.1	27.5	27	24.6	20.3	16.3	7.12	13
Dissolved Oxygen(mg/L)	300	10.1	10.7	0.21	8.74	6.95	5.72	5.8	5.51	6.73	8.87	10.1	9.9
Conductivity(umhos/cm)	94	382	372	1368	1527	898	1462	1220	1317	1268	623	1236	1284
Total Phosphorus(mg/L)	665	0.26	<0.05	0.21	0.22	0.19	0.2	0.33	0.22	0.5	0.16	0.26	<0.05
Nitrate-N(mg/L)	620	0.62	0.39	2.22	3.42	2.06	3.8	2.32	4.05	2.05	1.5	4	4.05
Chloride(mg/L)	940	26	27.4	184	203	101	199	155	168	155	132	135	154
Sulfate(mg/L)	945	31.8	23.8	114	115	63.8	98.6	88.6	88	71.6	73.8	83	87.1
Total Hardness(mg/L)	900	175	162	401	437	252	362	330	348	337	338	372	344
Ammonia-N(mg/L)	610	0.06		0.05		0.08		0.03		0.04		0.02	
Chlorophyll a(mg/m^3)	32211	3.2	2.4	2.7	1.3	<1	3.2	1.9	2.5	1.2	<1	1.2	2
Pheophytin(mg/m^3)	32218	3.3	<3	<3	<3	<3	<3	<3	<3	<1	<1	<1	2.1

Parameter	Parameter Code	Date and 24 hour time 2/1/06 1347	3/2/06 1314	4/4/06 1159	5/4/06 1254	6/5/06 1132	7/10/06 1154	8/7/06 1410	9/8/06 1133	10/10/06 1433	11/3/06 1317	12/6/06 1558	1/8/07 1255
Flow (cfs)		9.1	10	8.9	21	9.7	10	2.8	2.7	3.3	6.6	7.3	33
E. coli(org/100mL)	31699	360	240	91	190	110	240	130	160	>2420	46	130	240
Suspended Solids(mg/L)	530	27.7	29.7	23.3	41	16.7	38.7	9	7.3	37	11	7.3	68.7
Turbidity(NTU)	82079	15.3	17.1	21.4	26.7	14.9	28.6	9.3	6.5	26.4	12.1	6.1	58.9
pH	400	7.91	7.95	7.98	7.74	7.95	7.87	7.86	7.93	7.85	7.82	7.8	7.85
Temperature(C)	10	14.3	18.9	22.8	23.5	25.3	26.7	26.9	23	22.4	14.9	11.3	10.8
Dissolved Oxygen(mg/L)	300	8.81	9.31	6.22	6.72	5.42	5.76	3.43	5.1	5.5	8.8	7.88	10.9
Conductivity(umhos/cm)	94	1233	1244	1191	787	1195	902	1552	1464	1394	938	1245	670
Total Phosphorus(mg/L)	665	0.47	0.34	0.45	0.74	0.95	0.48	<0.05	0.36	0.39	0.37	0.53	0.41
Nitrate-N(mg/L)	620	3.65	3.76	1.45	1.45	1.3	1.4	0.16	0.08	0.24	1.38	1.33	1.26
Chloride(mg/L)	940	158	154	154	82	150	99.5	228	208	199	92.4	150	62.8
Sulfate(mg/L)	945	108	99	91.5	58.5	72	72	81.2	74	66	65.2	89.2	47.2
Total Hardness(mg/L)	900	362	329	344	239	339	242	312	292	260	266	322	203
Ammonia-N(mg/L)	610	0.08		0.06		0.07		0.08		0.02		0.03	
Chlorophyll a(mg/m^3)	32211	1.6	1.9	1.3	1.3	2.4	1.9	1.9	2.2	2.2	<1	1.9	1.2
Pheophytin(mg/m^3)	32218	2.4	1.3	2.5	2.7	1.1	<1	1.2	<1	<1	<1	<1	<1

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TCEQ Segment 1810 TABLE 17(cont.)
TCEQ Station 12640
Station Number 17 Plum Creek at CR 135 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

Parameter	Parameter Code	Date and 24 hour time 2/5/07 1206	3/8/07 1112	4/4/07 1535	5/9/07 1038	6/15/07 1051	7/9/07 1118	8/6/07 1158	'9/12/07 1124	10/11/07 1154	11/14/07 1119	12/12/07 1136
Flow (cfs)	00061	42	15	120	63	16	419	108	31	15	14	17
E. coli(org/100mL)	31699	110	200	330	250	41	240	320	50	96	64	240
Suspended Solids(mg/L)	00530	20.7	11.7	93	49.7	23	105	64.3	23	13.7	24.7	25
Turbidity(NTU)	82079	19.8	7.9	76	40.1	16.9	80.9	40.3	13.4	9.15	13.3	10.2
pH	00400	7.88	8.08	7.63	7.76	7.75	7.57	7.75	7.87	7.85	7.81	7.88
Temperature(C)	00010	9.72	14.7	22.3	24.1	26.5	27.1	27.9	25	23.8	20.4	15.9
Dissolved Oxygen(mg/L)	00300	11.4	11	6.98	9.64	5.98	6.16	6.33	8.63	7.35	6.26	7.38
Conductivity(umhos/cm)	00094	842	1255	497	764	956	293	512	1127	1221	1198	1232
Total Phosphorus(mg/L)	00665	0.29	0.48	0.41	0.27	0.29	0.17	0.25	0.25	0.36	0.4	0.63
Nitrate-N(mg/L)	00620	2.47	1.76	0.78	1.4	1.28	0.33	0.81	1.44	1.21	2.12	1.95
Chloride(mg/L)	00940	68.4	145	44	38.6	111	19.2	41.3		172	160	143
Sulfate(mg/L)	00945	83.2	112	34.8	57.6	63.6	15.4	35		100	109	86.2
Total Hardness(mg/L)	00900	258	354	178	248	272	124	180	334	329	331	378
Ammonia-N(mg/L)	00610	<0.02		0.03		0.03		0.06		<0.10		0.11
Chlorophyll a(mg/m^3)	32211	1	2.8	1.2	1.3	1.6	4.1	2	<1	<1	2.2	3.5
Pheophytin(mg/m^3)	32218	<1	1.7	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625									1.06		0.99

Parameter	Parameter Code	Date and 24 hour time 1/17/08 1050	2/15/08 1133	3/12/08 934	4/9/08 1103	5/7/08 926	6/11/08 921	7/3/08 1006	8/6/08 1057	9/9/08 1050	10/7/08 1102	11/12/08 1045	12/4/08 1027
Flow (cfs)	00061	15	12	120	10	5.9	2.9	3.2	2	2.9	2.7	2.8	3.8
E. coli(org/100mL)	31699	210	240	9800	54	120	250	260	1200	240	360	170	130
Suspended Solids(mg/L)	00530	10.3	16.7	309	32.7	21.7	53	25.3	6.3	34.7	21.7	12.3	11
Turbidity(NTU)	82079	8.82	11	134	15.6	27.7	35.1	27.7	15.5	28.4	16.3	9.96	9.57
pH	00400	8.02	7.93	7.69	7.84	7.9	7.9	7.9	8	7.8	7.9	7.8	7.7
Temperature(C)	00010	15	16.4	13.4	22.9	22.4	27.3	25	27.3	26.5	23.7	20	11.6
Dissolved Oxygen(mg/L)	00300	9.46	8.21	8.9	5.65	6.1	3.5	3.6	4.4	3.9	4.9	4.5	6
Conductivity(umhos/cm)	00094	1287	1255	470	1252	1340	1677	1920	1890	1410	1560	1510	1390
Total Phosphorus(mg/L)	00665	0.4	0.61	1.08	0.77	0.66	2.69	13	0.29	0.75	0.23	0.86	0.92
Nitrate-N(mg/L)	00620	5.16	3.19	2.22	1.3	1.43	0.26	0.25	0.27	0.338	(0.156)	2.68	1.73
Chloride(mg/L)	00940	150	174	36.3	170	187	249	272	309	200	234	218	194
Sulfate(mg/L)	00945	84.4	105	37.6	99.6	98.1	91.1	95.6	102	85	84.5	96.6	86.9
Total Hardness(mg/L)	00900	350	382	168	357	344	363	365	327	267	276	321	352
Ammonia-N(mg/L)	00610		0.13	0.13	0.1	0.15	0.19	0.18	0.19	0.19	0.13	0.11	0.12
Chlorophyll a(mg/m^3)	32211	5.3	2	7.7	1.5	4.8	<1	6	1.4	2.4	2	<1	<1
Pheophytin(mg/m^3)	32218	1.9	2.4	6.1	1	1.7	2.7	1.7	1.3	1.4	1.2	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625		0.78		0.74		0.9		0.6		0.58		0.8

Parameter	Parameter Code	Date and 24 hour time 1/7/09 1037	2/4/09 1142	3/10/09 1114	4/7/09 1145	5/5/09 1110	6/3/09 1037	07/06/09 1133	08/03/09 1114	9/03/09 1042	10/05/09 1114	11/04/09 1124	12/01/09 1028
Flow (cfs)	00061	5	5.3	7	5	6.4	3.7	2	0.7	0.8	1390	54	125
E. coli(org/100mL)	31699	130	160	170	140	570	150	26	46	83	3130	180	820
Suspended Solids(mg/L)	00530	11.7	12.3	27	8.7	33.7	21.7	12	12.3	10.3	450	32.7	9.7
Turbidity(NTU)	82079	8.4	9.9	16.9	5.8	24.4	13.6	9.9	7.6	8.4	381	19	9.7
pH	00400	7.7	8.1	7.7	8	7.5	7.8	8.2	8.3	8.1	7.8	7.9	7.6
Temperature(C)	00010	9.5	9.2	21.3	12.4	23.6	25.9	28.4	27.9	25.9	23.6	16.3	13
Dissolved Oxygen(mg/L)	00300	10.3	10.6	5.4	9.3	4.9	4.9	4.9	3.8	3.8	5.9	9.6	11.2
Conductivity(umhos/cm)	00094	1270	1360	1340	1390	1160	1550	2460	2660	2250	239	698	906
Total Phosphorus(mg/L)	00665	1.04	0.93	1.15	1.25	1.56	1.38	2.12	2.1	2.23	0.67	0.34	0.33
Nitrate-N(mg/L)	00620	3.22	2.67	0.68	0.75	0.49	0.53	0.07	0.07	<0.05	0.9	2.3	1.67
Chloride(mg/L)	00940	165	178	188	214	169	235	424	444	387	9.36	60.5	106
Sulfate(mg/L)	00945	98.4	101	91.6	94.5	83.5	73	60.8	69.2	56.6	14.9	56	89
Total Hardness(mg/L)	00900	336	340	344	323	284	308	316	293	274	165	232	297
Ammonia-N(mg/L)	00610	0.16	0.2	0.15	<0.1	0.15	0.15	0.1	0.15	0.13	0.32	0.12	0.26
Chlorophyll a(mg/m^3)	32211	1.1	3.9	2	1.2	4.6	1.4	15	9.1	3.2	<1	<1.0	<1
Pheophytin(mg/m^3)	32218	1.6	3.5	2.5	1.2	<1	1.4	3.7	4.3	1.1	<1	<1.0	<1
Total Kjeldahl Nitrogen (mg/L)	00625		0.49		0.62		1.05		0.82		1.81		1.09

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TABLE 17(cont.)

TCEQ Segment 1810
TCEQ Station 12640
Station Number 17 Plum Creek at CR 135 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

Parameter	Parameter Code	Date and 24 hour time 1/12/10 1054	2/3/10 1037	3/10/10 1012	4/14/10 1033	5/4/10 1046	6/16/10 1302	7/6/10 1138	8/3/10 1055	9/8/10 925	10/07/10 1124	11/15/10 1120	12/02/10 1109
Flow (cfs)	00061	20	71	61	21	17	34	19	7.8	13	8.2	11	10
E. coli(org/100mL)	31699	31	310	210	210	150	240	250	150	770	36	160	81
Suspended Solids(mg/L)	00530	2	24.7	11.7	22	11.3	26	48.3	14.3	77	8.4	19.5	4.4
Turbidity(NTU)	82079	4.4	20.7	4.3	11.5	6.1	18.3	36.6	12.3	44	6.2	9	3.8
pH	00400	7.7	7.7	7.6	7.8	7.7	7.6	7.9	7.9	7.8	8	7.9	7.9
Temperature(C)	00010	6.2	10.2	18.1	19.2	20.2	28.7	26.6	27.5	25.7	16.6	15	9.9
Dissolved Oxygen(mg/L)	00300	12.3	11.9	9.1	8.6	8.5	7	6.4	9	9.5	7.9	7.7	8.5
Conductivity(umhos/cm)	00094	1260	861	1180	1490	1590	773	1030	1365	1110	1030	1170	1220
Total Phosphorus(mg/L)	00665	0.22	0.25	0.23	0.3	0.31	0.32	0.78	0.57	1.02	0.46	0.74	0.87
Nitrate-N(mg/L)	00620	3.34	1.78	2.48	2.97	1.89	1	4.56	3.51	2.49	2.94	5.88	3.24
Chloride(mg/L)	00940	176	95	155	190	219	92.2	139	207	156	115	103	139
Sulfate(mg/L)	00945	130	69.9	106	125	125	59.8	85.4	95.8	74.9	77.2	81.1	87.2
Total Hardness(mg/L)	00900	397	284	359	416	403	226	287	344	286	281	272	345
Ammonia-N(mg/L)	00610	0.15	<0.10	0.11	0.16	0.17	0.15	0.13	0.17	0.16	0.15	0.15	<0.10
Chlorophyll a(mg/m^3)	32211	<1	1.8	2.5	1.4	1.3	2.3	<1.0	<1.0	2.5	<1.0	1.1	<1
Pheophytin(mg/m^3)	32218	1.1	1.3	1.5	1	<1	1.6	2	<1.0	<1	<1.0	<1.0	<1
Total Kjeldahl Nitrogen (mg/L)	00625		0.95		0.69		0.72		0.8		0.5		0.6

Parameter	Parameter Code	Date and 24 hour time 1/5/11 1109	2/7/11 1108	3/3/11 1036	4/5/11 1047	5/13/11 1113	6/2/11 1219	7/12/2011 1043	08/01/11 1127	09/13/11 1144	10/10/11 1058	11/7/11 1101	12/6/11 1122
Flow (cfs)	00061	13	17	13	8	12	3.8	2	2.6	1	11	2.7	43
E. coli(org/100mL)	31699	56	86	140	160	330	39	65	12	9	440	86	210
Suspended Solids(mg/L)	00530	12.4	4.3	16.8	15.1	16.7	13.7	34	16.3	15.1	13.8	15	60.7
Turbidity(NTU)	82079	10	3.7	6.8	5.3	8.9	9.4	22.3	6.2	8.7	7.1	9.9	33.9
pH	00400	7	8.2	8	7.9	7.9	7.8	8.2	8.1	8.2	7.6	7.9	7.7
Temperature(C)	00010	12.4	7.8	15.2	16.9	21.9	25.9	29.2	29.3	25.6	22	18.3	10.7
Dissolved Oxygen(mg/L)	00300	8.5	11.6	8.1	6.8	3.9	4.4	5.5	5.7	5.6	8.2	5.9	9.1
Conductivity(umhos/cm)	00094	1140	1090	1170	1260	1410	1240	1710	1840	2440	1710	1540	1080
Total Phosphorus(mg/L)	00665	0.85	0.67	0.75	0.84	1	1.13	0.24	1.61	1.27	1.5	0.48	1.23
Nitrate-N(mg/L)	00620	6.24	4.56	2.57	1.86	1.15	0.55	0.49	0.23	0.59	0.1	1.06	7.52
Chloride(mg/L)	00940	134	129	148	170	209	171	260	276	349	254	230	119
Sulfate(mg/L)	00945	86.1	81.5	95.1	85	81.3	77.1	90.5	68.7	90	63.7	84.1	83.8
Total Hardness(mg/L)	00900	308	308	309	332	308	246	304	291	326	292	304	310
Ammonia-N(mg/L)	00610	0.13	0.1		0.18	0.33	0.16	0.25	0.21	0.13	0.15	0.14	0.14
Chlorophyll a(mg/m^3)	32211	1.4	1	1.1	1.3	3	2.3	2.6	3.1	1.9	<1	1.2	2.9
Pheophytin(mg/m^3)	32218	<1	<1	1	1.8	<1	<1	<1.0	<1.0	<1.0	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625		0.5		0.75	1.06	0.7	0.84	0.78	0.9	0.65	0.64	1.11

Parameter	Parameter Code	Date and 24 hour time 1/31/2012 1146	2/13/12 1107	3/6/12 1104	4/4/12 1046	5/2/12 1110	6/14/12 1041	7/10/12 1052	8/14/12 1118	9/5/12 1115	10/1/12 1035	11/14/12 938	12/18/12 1236
Flow (cfs)	00061	9.3	69	37	111	7.6	7.7	3.7	2.2	2.1	36	4.5	28
E. coli(org/100mL)	31699	880	1310	160	270	100	120	91	70	45	180	72	98
Suspended Solids(mg/L)	00530	327	114	16	103	5.6	5.8	21.4	14.8	16.7	30	4.7	7.63
Turbidity(NTU)	82079	13.1	86.8	11.3	73.5	2.9	3.5	13.3	9.2	12.6	24.8	5.5	4.7
pH	00400	7.9	7.8	7.8	7.7	7.8	7.9	7.9	7.9	7.8	7.6	7.6	7.8
Temperature(C)	00010	14.2	9.8	16	22.7	23.9	27.4	28.5	28.6	27.5	22.3	14.3	13.6
Dissolved Oxygen(mg/L)	00300	9.1	10.4	8.9	7	5.7	5	5.5	6.6	5	6.1	7.7	8.6
Conductivity(umhos/cm)	00094	222	581	824	517	1470	1270	1610	1530	1600	725	1300	1240
Total Phosphorus(mg/L)	00665	0.31	0.27	0.28	0.24	0.27	0.48	0.46	0.59	0.74	1	0.78	1.11
Nitrate-N(mg/L)	00620	0.73	1.37	1.91	0.9	1.45	0.54	0.27	0.17	0.32	4.95	1.82	1.05
Chloride(mg/L)	00940	135	56.9	81.8	38.6	231	169	251	235	245	76.3	173	160
Sulfate(mg/L)	00945	94.6	50.5	80.3	37.6	88.3	92	96.4	121	89.2	56.4	77.7	76
Total Hardness(mg/L)	00900	310	201	264	209	368	299	337	296	300	215	289	300
Ammonia-N(mg/L)	00610	0.21	0.26	0.26	0.18	0.34	0.31	0.14	0.18	0.18	0.22	0.19	0.17
Chlorophyll a(mg/m^3)	32211	<1	1,8	1.8	3.1	1.7	2.3	3.1	3.7	2	<1	<1	<1
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	1.7	1.2	3.1	2.3	1.98	4.08	<1	1.66
Total Kjeldahl Nitrogen (mg/L)	00625	1.06	0.75	0.52	0.92	0.88	0.91	0.94	0.91	0.57	0.65	0.64	0.97

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TABLE 17(cont.)

TCEQ Segment 1810
TCEQ Station 12640
Station Number 17 Plum Creek at CR 135 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

Parameter	Parameter Code	Date and 24 hour time 1/7/13 1218	2/4/13 1240	3/20/13 1211	4/2/13 1310	5/14/13 1414	6/5/13 1127	7/1/2013 1018	8/7/13 1113	9/10/13 1112	10/2/13 1101	11/18/13 1114	12/4/13 1102
Flow (cfs)	00061	9.5	5.9	8.1	10	12	13	1.9	1.6	1.5	76	264	19
E. coli(org/100mL)	31699	87	120	920	130	200	160	120	18	130	260	270	80
Suspended Solids(mg/L)	00530	<1	14.4	12.4	5.7	18.3	40.6	49.2	14.6	15.3	363	82	11.6
Turbidity(NTU)	82079	4.1	8.7	5.4	4.1	22.8	33.6	0.7	7.1	10.1	262	65.7	10.4
pH	00400	8.2	7.9	7.5	7.7	7.9	7.8	8	8.2	8.1	7.7	7.7	7.6
Temperature(C)	00010	7.7	15.4	19.5	21.7	22.8	25.7	27.7	29	26.8	24.7	18.4	14.7
Dissolved Oxygen(mg/L)	00300	10.6	8	5.3	4.7	7.8	6	4.4	4.4	5.8	7.7	8.2	8.4
Conductivity(umhos/cm)	00094	1150	1210	1320	1280	1070	726	1340	1570	1540	664	298	789
Total Phosphorus(mg/L)	00665	1.06	1.14	1.06	1.33	0.94	0.85	1.6	1.5	1.57	0.53	0.2	0.34
Nitrate-N(mg/L)	00620	4.12	4.92	2.81	0.35	2.14	1.05	0.2	0.27	0.12	0.75	0.47	2.82
Chloride(mg/L)	00940	150	175	175	171	138	79.9	199	250	255	100	11	71
Sulfate(mg/L)	00945	80.6	86.5	99.4	80.7	75.8	49.5	46.7	55	55.9	55.9	17	78.3
Total Hardness(mg/L)	00900	300	288	299	282	279	193	230	267	266	193	140	260
Ammonia-N(mg/L)	00610	0.15	0.18	0.21	0.22	0.23	0.18	0.38	0.21	0.17	<0.1	<0.1	<0.1
Chlorophyll a(mg/m^3)	32211	<1	3.83	1.5	1.36	2.37	1.87	2.14	3.92	1.03	19.2	3.84	1.04
Pheophytin(mg/m^3)	32218	2.68	1.31	3.3	2.48	2.4	1.62	7.02	3.03	1.53	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.66	0.99	0.63	0.91	1.51	0.71	0.93	0.74	0.43	1.04	0.67	0.55

Parameter	Parameter Code	Date and 24 hour time 1/13/14 1038	2/5/14 1219	3/10/14 1228	4/9/14 1048	5/8/14 1127	6/10/14 1110	7/2/14 1125	8/6/14 1058	9/3/14 1207	10/6/14 1121	11/3/14 1104	12/1/14 1229
Flow (cfs)	00061	19	14	30	8.4	3.9	13	4.4	2.0	2.1	5.2	3.3	20
E. coli(org/100mL)	31699	130	170	310	160	110	350	110	11	100	190	78	160
Suspended Solids(mg/L)	00530	6.10	1.80	3.33	5.20	3.40	11.8	9.80	6.40	9.30	11.4	14.7	34.2
Turbidity(NTU)	82079		1.8	6.3	4.2	5.5	15.3	3.7	4.4	5.2	7.4	4.1	28.6
pH	00400	8.0	7.4	7.6	7.6	7.7	7.3	7.5	8.0	8.0	7.9	7.9	7.1
Temperature(C)	00010	12.5	11.1	14.9	17.9	23.2	25.9	28.0	27.6	28.4	23.0	17.9	15.6
Dissolved Oxygen(mg/L)	00300	9.3	10.7	9.6	7.1	4.1	6.1	4.8	4.5	6.6	6.1	7.4	7.5
Conductivity(umhos/cm)	00094	1160	1280	1380	1300	1510	703	1060	1600	1720	1210	1320	567
Total Phosphorus(mg/L)	00665	0.71	0.88	0.84	0.81	1.32	0.44	0.56	0.66	1.29	0.90	0.33	0.32
Nitrate-N(mg/L)	00620	5.52	6.16	5.32	1.61	0.24	0.83	0.48	0.41	<0.05	1.46	2.70	1.36
Chloride(mg/L)	00940	136	166	207	199	226	76.5	155	280	292	199	234	60.3
Sulfate(mg/L)	00945	118	101	103	105	90.2	39.9	65.2	99.1	60.2	69.9	83.5	43.5
Total Hardness(mg/L)	00900	304	364	330	341	346	197	274	331	288	232	284	163
Ammonia-N(mg/L)	00610	<0.10	<0.10	0.39	0.28	0.30	0.27	0.35	0.17	0.25		0.19	0.23
Chlorophyll a(mg/m^3)	32211	6.68	1.19	---	<1.0	<1.0	4.84	1.70	<1.00	1.97	3.89	1.39	<1.0
Pheophytin(mg/m^3)	32218	1.30	<1.0	---	<1.0	<1.0	<1.0	<1.0	63.1	<1.0	<1.0	<1.0	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	0.70	---	1.09	0.75	0.846	0.88	0.75	0.75	0.65		0.85	0.74

Parameter	Parameter Code	Date and 24 hour time 1/5/15 1117	2/3/15 1101	3/11/15 1146	4/8/15 1219	5/7/15 1052	6/9/15 1040	7/9/15 1000	8/3/15 1056	09/17/15 925	10/07/15 1215	11/18/15 1024	12/02/15 1059
Flow (cfs)	00061	56	45	454.0	27	84.0	384	47	11	5.1	3.4	351	42
E. coli(org/100mL)	31699	820	390	3900	210	440	130	170	120	200	179	2400	99
Suspended Solids(mg/L)	00530	35.00	26.6	252	15.0	37.2	107	15.6	12.5	8.6	5	124	8.8
Turbidity(NTU)	82079	24.3	22.7	159	8.0	22.2	60.3	10.1	8.4	6.4	3.5	76.9	7.7
pH	00400	7.6	8.0	7.6	7.8	7.4	7.7	8.0	7.8	7.8	7.8	7.9	7.8
Temperature(C)	00010	8.6	11.1	13.3	22.2	23.8	26.6	27.7	26.7	25.4	21.5	17.7	13.1
Dissolved Oxygen(mg/L)	00300	11.1	10.0	9.2	7.2	6.8	6.9	7.6	5.8	6.1	6.6	8.3	9.5
Conductivity(umhos/cm)	00094	952	583	329	881	615	374	842	1030	1490	1620	346	833
Total Phosphorus(mg/L)	00665	0.34	0.28	0.39	0.42	0.40	0.31	0.24	0.29	0.76	0.88	0.22	0.44
Nitrate-N(mg/L)	00620	4.46	1.34	0.69	1.57	0.94	0.49	1.93	0.94	2.6	1.77	0.66	1.77
Chloride(mg/L)	00940	113	52.1	20.0	94.8	67.6	20.1	97.4	134	236	266	19.7	84.5
Sulfate(mg/L)	00945	95.7	49.8	31.2	71.1	37.0	18.6	65.9	59.4	90	92.5	27.5	76.7
Total Hardness(mg/L)	00900	295	193	180	262	219	143	263	265	318	316	154	262
Ammonia-N(mg/L)	00610	0.21	<0.10	0.13	0.12	<0.10	0.10	<0.10	<0.10	<0.10	<0.10	0.13	0.74
Chlorophyll a(mg/m^3)	32211	2.59	<1.0	4.36	4.21	4.76	<1.0	2.37	<1.00	1.22	1.63	4.57	2.28
Pheophytin(mg/m^3)	32218	<1.0	6.89	<1.0	<1.0	2.90	<1.0	<1.00	<1.00	<1.0	<1.0	<1.0	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	0.78	0.83	1.34	0.60	0.87	0.90	0.53	0.93	0.8	0.6	0.95	1.74

Data after February 2018 is preliminary and subject to change during data review and validation process

TABLE 17(cont.)

TCEQ Segment 1810
TCEQ Station 12640
Station Number 17 Plum Creek at CR 135 Between Lockhart and Luling
Latitude 29/49/16 Longitude 97/35/02

Date and 24 hour time

Parameter	Parameter Code	01/05/16 1027	2/2/16 921	3/1/16 1058	03/14/16 857	4/6/2016 1030	5/2/216 1245	5/23/16 943	6/8/16 1045	7/12/16 1040	7/27/16 1059	8/1/16 1250	9/7/16 1243
Flow (cfs)	00061	44	22	20	169	18	193	698	755	18	11	57	30
E. coli(org/100mL)	31699	250	88	230	860	440	3600	730	170	130	120	1200	490
Suspended Solids(mg/L)	00530	10.2	2.4	22.5	126	7.20	34.0	275	140	10.5	7.00	51.4	18.1
Turbidity(NTU)	82079	8.9	2.3	11.6		6.4	50.7		169	7.1		55.3	18.3
pH	00400	7.7	7.9	7.5	7.7	7.7	7.8	7.8	7.6	7.8	7.8	7.8	7.7
Temperature(C)	00010	9.7	15.6	18.6	18.7	18.0	21.8	23.2	26.2	27.5	26.5	27.9	27.2
Dissolved Oxygen(mg/L)	00300	10.6	8.1	7.6	8.0	8.1	7.4	7.4	6.1	6.1	5.5	5.9	6
Conductivity(umhos/cm)	00094	988	1280	1150	496	1230	447	298	326	1070	1430	569	756
Total Phosphorus(mg/L)	00665	0.31	0.24	0.36	0.24	0.38	0.30	0.32	0.21	0.30	0.38	0.28	0.28
Nitrate-N(mg/L)	00620	3.33	4.41	1.86	1.69	3.33	0.90	0.38	0.37	3.00	2.73	1.65	2.39
Chloride(mg/L)	00940	120	196	177		166	30.3		14.8	213		45.0	69.3
Sulfate(mg/L)	00945	91.1	112	92.2		94.7	35.3		19.1	71.9		66.1	55.4
Total Hardness(mg/L)	00900	293	332	295		328	188		140	280		190	237
Ammonia-N(mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.4	0.34	<0.10	<0.10
Chlorophyll a(mg/m^3)	32211	1.07	3.2	3.28		1.30	<1.0		3.87	3.12		5.10	2.57
Pheophytin(mg/m^3)	32218	<1.0	1.16	1.44		<1.0	<1.0		4.91	<1.0		1.46	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.66	0.62	0.90	1.27	0.66	1.29	0.38	0.74	0.63	1.00	0.93	0.6

Date and 24 hour time

Parameter	Parameter Code	10/24/16 819	11/14/16 919	12/12/16 1134	01/11/17 1043	02/20/17 1111	03/13/17 1120	4/3/17 1122	5/8/17 1114	6/5/17 1158	7/24/17 1117	8/7/17 1050	9/6/17 938
Flow (cfs)	00061	13	23	73	24	399	1220	406	25.4	72	19	33	821
E. coli(org/100mL)	31699	88	390	310	59	3100	6000	870	260	440	73	220	20
Suspended Solids(mg/L)	00530	10.9	13.6	35.4	3.00	50.8	138	102	14.6	66.9	21.5	12.2	126
Turbidity(NTU)	82079	8.1	10.8	35.3	2.5	36.8	150	62.5	10.6	42.0	14.8	18.9	63.7
pH	00400	7.6	7.6	7.5	7.9	7.7	7.4	7.6	7.8	8.0	7.9	8.0	7.6
Temperature(C)	00010	19.9	18.0	12.2	13.2	18.7	16.7	20.4	20.9	25.3	29.0	27.5	26.6
Dissolved Oxygen(mg/L)	00300	6.9	8.0	9.9	10.0	8.5	8.6	7.9	8.3	7.2	6.0	6.0	5.9
Conductivity(umhos/cm)	00094	1200	990	555	1130	933	300	780	1120	1020	1130	1350	241
Total Phosphorus(mg/L)	00665	0.66	0.72	0.27	0.58	0.39	0.40	0.32	0.43	0.71	0.42	0.74	0.32
Nitrate-N(mg/L)	00620	5.12	3.34	2.71	7.32	2.62	1.06	2.94	5.22	7.23	2.91	3.76	0.22
Chloride(mg/L)	00940	147	113	47.1	143	113	14.2	81.8	144	116	162.0	196	9.37
Sulfate(mg/L)	00945	88.7	85.0	52.3	90.5	85.8	17.9	69.7	90.4	82.0	81.3	90.1	12.5
Total Hardness(mg/L)	00900	341	268	187	329	183	151	248	321	299	289	314	103
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	<0.10	<0.10
Chlorophyll a(mg/m^3)	32211	<1.00	<1.00	4.27	2.64	5.34	4.98	5.61	19.40	4.27	10.7	7.16	10.3
Pheophytin(mg/m^3)	32218	<1.00	<1.00	<1.00	<1.00	2.02	2.86	1.25	1.63	1.58	1.05	1.44	3.18
Total Kjeldahl Nitrogen (mg/L)	00625	0.64	0.73	1.31	<0.20	1.34	1.65	0.59	0.91	0.55	0.98	0.72	0.99

Date and 24 hour time

Parameter	Parameter Code	10/17/17 922	11/14/17 1024	12/6/17 1028	01/23/18 1048	02/21/18 955	03/13/18 1052	4/2/18 935	5/8/18 1105	6/14/18 1300
Flow (cfs)	00061	35	28	23	28	25.9	19	410	61.2	6.9
E. coli(org/100mL)	31699	110	140	2400	47	160	190	950	490	190
Suspended Solids(mg/L)	00530	15.7	9.60	11.2	2.70	10.4	22.1	224	75.7	25.8
Turbidity(NTU)	82079	9.6	5.4	6.2	2.7	4.5	9.9	68.1	81.1	13.2
pH	00400	7.9	7.9	7.9	8.1	7.9	7.9	7.6	8	7.8
Temperature(C)	00010	18.6	18.7	14.5	9.7	18.3	15.2	21.1	22.1	28
Dissolved Oxygen(mg/L)	00300	7.6	6.7	8.0	10.2	6.6	8.6		7.6	5.4
Conductivity(umhos/cm)	00094	900	1180	1150	1220	1280	1230	359	644	1510
Total Phosphorus(mg/L)	00665	0.35	0.46	0.47	0.18	0.76	0.53	0.37	0.34	0.68
Nitrate-N(mg/L)	00620	3.68	4.00	6.52	6.81	4.90	3.65	0.64	1.82	3.71
Chloride(mg/L)	00940	97.8	142	140	160	176	167	21.8	63.4	257
Sulfate(mg/L)	00945	62.4	78.9	82.5	106	176	104	30.3	69.2	109
Total Hardness(mg/L)	00900	267	330	330	343	347	332	167	221	347
Ammonia-N(mg/L)	00610	0.11	<0.10		0.81	0.15	<0.10	0.1	<0.10	<.10
Chlorophyll a(mg/m^3)	32211	1.01	<1.00	1.63	8.72	2.20	2.61	5.52	6.76	11.2
Pheophytin(mg/m^3)	32218	<1.00	<1.00	<1.00	<1.00	1.29	2.00	<1.00	2.21	2.12
Total Kjeldahl Nitrogen (mg/L)	00625	0.82	0.76		1.15	0.87	<0.20	1.28	1.07	0.91