TABLE 16

TNRCC Segment 1804
TNRCC Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 10/21/96 1050	11/5/96 1125	12/10/96 1305	1/21/97 1400	2/10/97 1450	3/24/97 1028	4/15/97 1315	5/19/97 910	6/2/97 1145	7/17/97 1444	8/19/97 1305	9/30/97 1140
Flow (cfs)		1.78	1.86	1.68		2.8	9.17	7.58			3.25	0.95	1.66
Fecal Coliform(org/100mL)	31616	164	6	22	10600	44	176	186	210	540	1800	112	25
Suspended Solids(mg/L)	530	3.8	4.3	5.8	274	4.6	22.4	18	28.6	53.8	9.1	9.5	16
Turbidity(NTU)	82079	21	9.4	31	88	23	31	23	27	32	6.6	21.5	42
pH	400	7.54	8.04	8.13	7.76	7.87	7.45	7.18	6.68	7.12	8.03	7.79	8.1
Temperature(C)	10	22.02	17.84	14.64	13.74	12.31	20	16.2	25	23.76	29.01	28	22.66
Dissolved Oxygen(mg/L)	300	5.66	6.81	7.58	8.54	11.43	7.41	7.89	4.14	6.63	7.07	4.9	6.3
Conductivity(umhos/cm)	94	601	614	509	101	528	328	446	139	330	1054	600	646
Total Phosphorus(mg/L)	665	0.44	0.32	0.3	1.08	0.31	0.42	0.43	0.42	0.51	0.23	0.51	0.36
Nitrate-N(mg/L)	620	0.14	0.03	0.14	0.77	0.24	0.15	0.19	0.24	0.43	0.17	0.23	0.1
Chloride(mg/L)	940	48.9	52.9	40.7	4.2	60.6	28.5	50.2	44.2	44.2	118	53.8	53.6
Sulfate(mg/L)	945	<2.5	7.3	6	<2.5	2.5	4.09	15.7	3.9	10.5	167	35.8	10.8
Total Hardness(mg/L)	900	36.2	29.7	30.6	33.6	58.4	86.9	109	30.8	107	269	86.7	102
Ammonia-N(mg/L)	610	0.09		0.11		0.25		0.23		0.16		0.11	
E. coli(org/100mL)	31648	32	6	4	5400	42	8	186	210	100	1800	100	25
Chlorophyll a(mg/m^3)	32211	1.3	1.78	<1.0	<1.0	7.1	<1.0	1.3	5.3	2.7	3.6	2.7	6.7

Parameter	Parameter Code	Date and 24 hour time 10/21/97 1125	11/18/97 1318	12/8/97 1211	1/14/98 1137	2/12/98 1135	3/17/98 1110	4/14/98 1157	5/98 1335	6/9/98 1435	7/14/98 1109	8/11/98 1142	9/17/98 1030
Flow (cfs)		6.66						9.26	2.56	8.09	0.77	19.2	
Fecal Coliform(org/100mL)	31616	200	217	312	1162	8800	1400	260	675	1650	750	375	4500
Suspended Solids(mg/L)	530	16.4	21.6	22	44.8	49.7	46.8	16.4	9.6	35.1	6.7	3.3	234
Turbidity(NTU)	82079	26	6.8	38	57	170	55	19	12	40	9.8	29	84
pH	400	7.65	7.83	7.5	6.9	7.73	7.91	7.75	7.76	7.36	7.25	7.67	6.74
Temperature(C)	10	19.86	10.67	13.4	13.26	14.74	17.73	21.85	25.92	28.37	28.12	27.45	25.07
Dissolved Oxygen(mg/L)	300	7.23	10.2	9.52	9.48	6.72	6.56	7.84	7.03	5.76	4.96	4.62	5.53
Conductivity(umhos/cm)	94	391	299	337	378	168	226	1262	1018	430	788	738	152
Total Phosphorus(mg/L)	665	0.31	0.32	0.27	0.45	0.51	0.38	0.17	0.39	0.37	0.3	0.42	0.8
Nitrate-N(mg/L)	620	0.27	0.38	0.22	0.29	0.23	0.16	0.19	0.3	1.1	0.16	0.21	0.66
Chloride(mg/L)	940	36.8	28.6	30.8	38.2	15.1	23.5	168	127	40.8	85.4	60.8	12.2
Sulfate(mg/L)	945	10	15.2	14.8	73.9	8.4	12.8	2101	108	14.6	6.6	6	<0.5
Total Hardness(mg/L)	900	113	169	92.8	123	50.9	65	354	190	74.5	61.5	40.7	67
Ammonia-N(mg/L)	610	0.16		0.15		0.38		0.24	0.19			0.12	
E. coli(org/100mL)	31648	55	212	288	1012	6000	1200	224	350	1150	212	100	3000
Chlorophyll a(mg/m^3)	32211	1.8	6.7	<1.0	2.7	5.3	8	4.8	1.6	5.1	<1.0	19.2	2.7

Parameter	Parameter Code	Date and 24 hour time 10/28/98 1121	11/17/98 1530	12/7/98 1042	1/12/99 1148	2/15/99 1147	3/17/99 951	4/13/99 1422	5/19/99 1038	6/9/99 1007	7/14/99 1133	8/23/99	9/16/99 949
Flow (cfs)					20	12	15.8	978		3.45	6.7		1.05
Fecal Coliform(org/100mL)	31616	638	375	168	203	128	412	73	4600	90	156	336	70
Suspended Solids(mg/L)	74016	34.9	23.4	10.6	6.3	7.2	25.6	12.7	231	10.5	13.2	7.6	8.6
Turbidity(NTU)	82079	28	35	16	13	9	15	14	73	13	16.5	19	26
pH	400	7.66	7.1	7.22	8	7.66	8.27	8.1	7.38	7.54	7.85	8.16	8.16
Temperature(C)	10	21.31	17.68	21.56	12.02	13.79	16.12	23.61	21.63	25.62	27	27.26	22.81
Dissolved Oxygen(mg/L)	300	7.55	6.67	7.09	10.7	10.95	8.95	6.91	6.72	5.45	6.57	4.73	6.22
Conductivity(umhos/cm)	94	682	126	1208	1169	1464	1680	1200	569	672	621	753	645
Total Phosphorus(mg/L)	665	0.2	0.21	<0.01	0.11	0.03	0.16	0.27	0.52	0.39	0.292	0.5	0.489
Nitrate-N(mg/L)	620	0.46	0.16	0.16	0.19	<0.02	<0.02	0.23	1.09	0.36	0.2	0.2	0.101
Chloride(mg/L)	940	75	5.6	167	143	197	230	139	107	94.5	65	74.1	57.2
Sulfate(mg/L)	945	101	9.8	164	188	293	308	238	16.8	139	24.9	7	7.4
Total Hardness(mg/L)	900	161	78.9	366	320	375	462	352	163	190	13.2	70	48.8
Ammonia-N(mg/L)	610	0.17		0.13		0.09		0.27		0.16		0.19	
E. coli(org/100mL)	31648	140	62	164	188	50	200	64	3800	68	112	44	4
Chlorophyll a(mg/m^3)	32210	<1.0	5.6	5.5	<1.0	2.1	5.8	<1.0	14.4	8.4	4.2	3.2	16.3

TABLE 16 (cont.)

TNRCC Segment 1804
TNRCC Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 10/25/99 1259	11/9/99 1426	12/13/99 1336	1/18/00 1210	2/17/00 1046	3/20/00 1021	4/19/00 901	5/16/00 1309	6/20/00 1313	7/17/00 1120	8/15/00 1145	9/20/00 1104
Flow (cfs)		1.76	1.47	2.08	2.25	1.2	6.12	4.2	5.82	3.72	1.85	1	1.3
Fecal Coliform(org/100mL)	31616	82	172	156	84	538	84	288	688	100	124	44	148
Suspended Solids(mg/L)	530	5.2	3	15.6	14.1	17	32.3	17.6	43.6	10.8	6.9	6.1	4
Turbidity(NTU)	82079	25	25	25	42	38	51	22	36	20	16	16	22
pH	400	8.4	8.02	8.3	8.27	8.18	7.94	8.14	7.8	7.98	8.26	8.26	8.59
Temperature(C)	10	13.97	16.82	12.47	16.45	19.34	14.57	22.4	24.82	28.04	26.81	26.4	23.13
Dissolved Oxygen(mg/L)	300	8.4	6.81	7.72	6.74	6.25	8.08	5.17	6.48	5.78	5.04	4.67	4.98
Conductivity(umhos/cm)	94	688	735	654	542	465	545	537	241	362	624	592	564
Total Phosphorus(mg/L)	665	0.26	0.31	0.32	0.3	0.31	0.481	0.433	0.54	0.54	0.38	0.35	0.27
Nitrate-N(mg/L)	620	0.16	0.083	0.114	0.424	0.151	0.27	0.392	1.94	0.277	0.158	0.063	0.076
Chloride(mg/L)	940	76.4	61.6	70.8	37.2	85.2	40.9	38.9	15.4	35.1	52.4	42	37.4
Sulfate(mg/L)	945	6.2	9.6	8.4	9.3	31.6	7.7	<1.0	1.22	6	1.32	<0.5	2.83
Total Hardness(mg/L)	900	30.4	30.7	55	36.7	50.8	57.7	92.1	68.1	87	65.3	39.4	20.6
Ammonia-N(mg/L)	610	0.12		0.38		0.22		0.32		0.17		0.16	
E. coli(org/100mL)	31648	60	148	156	60	538	80	275	625	100	28	20	12
Chlorophyll a(mg/m^3)	32211	1.3	1.3	<1.0	7.5	2.1	<1.0	4	13.9	1.7	1.9	<1	1.1

Parameter	Parameter Code	Date and 24 hour time 10/26/00 1445	11/17/00 1048	12/18/00 1157	1/15/01 1007	2/14/01 1017	3/22/01 942	4/17/01 1354	5/7/01 1433	6/21/01 1055	7/12/01 1518	8/9/01 1048	9/11/01 940
Flow (cfs)		1.9	25	13.82	30	11.8	10	3	2.17	1.97	1.27	0.75	369
Fecal Coliform(org/100mL)	31616	33	4300	100	200	210	19	42	84	72	80	72	1340
Suspended Solids(mg/L)	74016	8.3	216	17.9	24.7	7.4	19	12.2	16.7	11.5	8.4	7.1	86
Turbidity(NTU)	82079	31	92	28	46	11	25	10.5	14.5	14	15	19	48
pH	400	7.92	7.88	8.37	7.95	7.51	7.63	7.88	7.93	8.03	8.27	8.23	8.76
Temperature(C)	10	23.23	14.55	9.41	11.05	15.12	14	22.02	24.72	25.41	28.23	26.82	24.86
Dissolved Oxygen(mg/L)	300	6.35	10.1	11.9	11.42	10.41	10.41	7.78	6.72	5.86	6.47	4.29	6.67
Conductivity(umhos/cm)	94	506	231	437	331	940	716	1329	1047	781		9.11	169
Total Phosphorus(mg/L)	665	0.33	0.46	0.31	0.28	0.15	0.21	0.2	0.33	0.5	0.46	0.56	0.56
Nitrate-N(mg/L)	620	0.1	0.41	0.32	0.37	0.3	0.4	0.82	0.93	0.51	0.41	0.2	0.38
Chloride(mg/L)	940	33.2	15.5	40.4	33.3	104	144	161	124	77.5	86.5	105	10.8
Sulfate(mg/L)	945	2.4	2.5	74.7	29	187	120	259	135	7.4	6.7	<0.05	<1.0
Total Hardness(mg/L)	900	22.1	92	127	78.9	279	194	503	244	82.4	39.1	58.2	60.4
Ammonia-N(mg/L)	610	0.09		0.68		0.23		0.2		<0.02		0.07	
E. coli(org/100mL)	31648	12	2400	100	180	36	100	38	40	30	44	42	480
Chlorophyll a(mg/m^3)	32210	2.9	<1	<1	<1	2.7	<1	<1.0	4.4	6.9	<1	2.7	4.8

Parameter	Parameter Code	Date and 24 hour time 10/11/01 1003	11/7/01 1034	12/10/01 1135	1/15/02 1107	2/19/02 1117	3/12/02 1020	4/25/02 1238	5/13/02 1347	6/13/02 1502	7/25/02 1143	8/09/02 1300	9/18/02 1300
Flow (cfs)		45	3.3	49	7.8	6.2	4.5	10	3.1	2.2	4.3	3	2.1
Fecal Coliform(org/100mL)	31616	2400	940	**									
Suspended Solids(mg/L)	74016	13.3	6.6	40.3	6.7	9.7	11.7	18.4	6.4	5.2	6.5	4.7	16.8
Turbidity(NTU)	82079	30	7.3	36	20	7.2	7	13	9	12	28	7.5	43
pH	400	7.82	7.71	7.59	8.17	9.34	7.88	7.69	7.78	8.04	7.94	7.77	7.56
Temperature(C)	10	22.73	15.6	12.24	9.28	15.51	17.24	25.49	23.33	28.64	27.1	27.6	29.8
Dissolved Oxygen(mg/L)	300	6.68	7.5	9.92	10.84	9.34	8.96	7.14	6	7.12	6.03	6.38	5.67
Conductivity(umhos/cm)	94	295	520	404	648	9.55	1041	1112	1100	941	394	710	338
Total Phosphorus(mg/L)	665	0.35	0.32	0.41	0.22	0.19	0.18	0.17	0.24	0.41	0.4	0.41	0.42
Nitrate-N(mg/L)	620	0.4	0.28	0.06	0.21	<0.02	0.1	0.37	0.09	<0.08	0.19	0.09	0.28
Chloride(mg/L)	940	17.2	34.9	31.7	39.6	19.7	103	121	101	98.3	25.6	68.3	17.9
Sulfate(mg/L)	945	3	9.13	12.5	99.7	22.3	155	135	129	59.2	14.4	16.6	14.7
Total Hardness(mg/L)	900	50.8	73.4	88.2	168	225	266	283	262	124	68.7	91.2	103
Ammonia-N(mg/L)	610	0.14		0.09		0.03		0.07		0.03		0.02	
E. coli(org/100mL)	31699	120	760	1120	178	687	219	172	49	26	81	261	127
Chlorophyll a(mg/m^3)	32210		<1	<1	4.4	<1	4.4	2	<1	3.5	4.8	2.1	4.27
Pheophytin(mg/m^3)	32218			28	13.5	5.5	2.4	4.4	5.1	9.4	23.4	24.6	<1

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

TABLE 16 (cont.)

TCEQ Segment 1804
TCEQ Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 10/21/02 1400	11/14/02 1140	12/16/02 1043	1/8/03 1134	2/26/03 1144	3/19/03 1022	4/14/03 1010	5/14/03 1133	6/23/03 1037	7/25/03 1358	8/19/03 1225	09/15/03 1012
Flow (cfs)		575	40	194	34	321	40	15	8.5	3.2	1.4	1.5	67
E. coli(org/100mL)	31699	1046	75	613	365	9676	131	261	37	63	89	72	292
Suspended Solids(mg/L)	530	98.8	16.3	51.4	13.4	115	12	14.6	11.5	13.8	6.8	33.6	49.6
Turbidity(NTU)	82079	55	20	43	22	67	11	8.5	10	19	17	41.8	63.5
pH	400	8.09	7.77	8.31	8.45	7.6	7.73	7.61	7.67	7.99	7.83	7.92	8.21
Temperature(C)	10	20.1	15.3	13	11.2	5.53	17.6	18.7	24.7	27.2	27.3	26.9	24.7
Dissolved Oxygen(mg/L)	300	6.84	9.72	10.2	10.1	13.5	9.43	8.77	8.14	5.73	6.03	6.14	7.04
Conductivity(umhos/cm)	94	151	792	319	808	289	1194	1394	1409	602	536	470	216
Total Phosphorus(mg/L)	665	0.29	0.16	0.23	0.12	0.15	0.09	0.06	0.12	0.3	0.32	0.17	0.64
Nitrate-N(mg/L)	620	0.17	<0.02	0.02	0.04	0.06	0.15	0.56	0.05	0.25	0.24	0.43	1.12
Chloride(mg/L)	940	<10	81.4	27.4	71.2	25.9	134	165	170	55.9	36.9	29.7	13.8
Sulfate(mg/L)	945	10.9	128	53.7	147	48.8	261	327	280	56	44..9	21.8	19.5
Total Hardness(mg/L)	900	78.2	277	101	266	85.2	366	420	374	68.3	108	62.5	58.5
Ammonia-N(mg/L)	610	0.03		0.02		0.04		0.04		0.05		0.04	
Chlorophyll a(mg/m^3)	32211	4	1.69	3.74	<1	<1	4.01	1.33	4.54	<1	<1	<1	2.4
Pheophytin(mg/m^3)	32218	12.3	<1	2.99	2.64	13.6	2.86	5.95	1.35	2.9	7.7	5.9	5.9

Parameter	Parameter Code	Date and 24 hour time 10/06/03 1146	11/04/03 1022	12/05/03 1008	01/12/04 1250	02/16/04 1050	03/08/04 1038	04/16/04 1024	05/20/04 1027	06/15/04 1055	7/14/04 1332	8/9/04 1636	9/13/04 937
Flow (cfs)		1.2	1.6	1.9	2.1	62	14	39	32	92	1.61	3.6	2.8
E. coli(org/100mL)	31699	48	104	130	96	2394	214	344	188	180	75	----	85
Suspended Solids(mg/L)	530	6.8	8.3	3.5	3.8	27.9	16	29.1	25.9	42.2	6.1	5.4	15.2
Turbidity(NTU)	82079	14.7	13.7	9.26	12.6	83.5	33.8	43.1	27.1	49.1	12.1	7.7	18.9
pH	400	8.37	8.16	8.4	8.35	8.34	8.14	8.21	7.99	7.89	7.89	7.76	8.01
Temperature(C)	10	22.1	22.1	11.8	10.4	8.48	16.8	17.2	24.4	26.1	26.5	28.5	24.1
Dissolved Oxygen(mg/L)	300	7.29	5.7	8.19	11.4	10.2	9.16	8.84	6.36	6.09	2.81	7.72	5.74
Conductivity(umhos/cm)	94	489	522	490	738	333	731	536	699	387	807	662	625
Total Phosphorus(mg/L)	665	0.22	0.27	0.37	0.17	0.37	0.18	0.27	0.33	0.25	0.23	0.26	0.26
Nitrate-N(mg/L)	620	0.07	0.2	0.05	0.1	0.4	0.12	0.38	0.34	0.46	0.35	0.18	0.06
Chloride(mg/L)	940	34.2	34.5	33.3	63.9	35.6	69.4	54	47.3	32.5	85.3	53.8	38.6
Sulfate(mg/L)	945	19.5	20.8	12.6	51.1	40.5	103	78.1	91.1	53	114	73.8	43.5
Total Hardness(mg/L)	900	61.5	58	48.1	92.5	89.5	187	166	193	125	228	157	107
Ammonia-N(mg/L)	610	0.05		<0.02		0.09		0.08		0.04	0.07	0.1	
Chlorophyll a(mg/m^3)	32211	1.5	<1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	1.5	<1
Pheophytin(mg/m^3)	32218	<1	1.2	<3.0	<3.0	4.8	<3.0	4	<3.0	<3.0	<3	<3	<3

Parameter	Parameter Code	Date and 24 hour time 10/19/04 1120	11/9/04 953	12/8/04 1039	1/7/05 1025	2/9/05 945	3/3/05 1003	4/6/05 1007	5/2/05 1036	6/6/05 1018	7/6/05 1010	8/4/05 1014	9/8/05 1014
Flow (cfs)		24	25	265	39	1690	555	35	17	8.1	1.7	3.1	2.8
E. coli(org/100mL)	31699	148	----	4838	566	2316	>9676	448	148	308	29	110	88
Suspended Solids(mg/L)	530	21.4	31.1	61.6	16.1	45.4	394	16.1	11	14.8	8.9	16	24.3
Turbidity(NTU)	82079	28.3	22.9	62.5	15.1	72.5	259	12.6	9.5	14	9.8	27.4	13.5
pH	400	7.76	7.89	8.02	7.85	7.72	8.15	7.6	7.93	7.63	7.83	7.89	7.9
Temperature(C)	10	24	16.6	15.3	12.4	.15.4	13.2	19	17.6	26	26.9	26.3	24.4
Dissolved Oxygen(mg/L)	300	6.7	9.83	11	9.13	7.65	11.12	8.31	8.75	7.47	5.39	5.5	5.25
Conductivity(umhos/cm)	94	310	605	467	996	183	545	1315	1424	1027	986	518	702
Total Phosphorus(mg/L)	665	0.3	0.24	0.24	0.17	0.27	<0.05	0.11	0.06	0.2	0.12	0.19	0.19
Nitrate-N(mg/L)	620	0.16	0.13	0.23	0.28	0.13	0.27	0.23	0.21	0.7	0.09	0.45	0.06
Chloride(mg/L)	940	23.1	51.1	46.1	111	15.5	54.4	150	158	111	88	38.8	60.6
Sulfate(mg/L)	945	31.5	94.8	69.6	212	20.7	78.3	262	275	167	117	35.9	23.2
Total Hardness(mg/L)	900	93	189	302	284	60	166	403	424	276	196	94.5	50.5
Ammonia-N(mg/L)	610	0.05		0.02		0.03		0.06		0.06		0.04	
Chlorophyll a(mg/m^3)	32211	<1	<1	4.8	4.6	1.4	6.1	2.8	1.8	3.6	1.6	1.2	1.1
Pheophytin(mg/m^3)	32218	<3	<3	<3	<3	<3	4.4	<3	<3	<3	<3	<3	3.4

TABLE 16 (cont.)

TCEQ Segment 1804
TCEQ Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 10/7/05 1107	11/4/05 1103	12/9/05 1429	1/5/06 1104	2/1/06 1132	3/2/06 1108	4/4/06 1122	5/4/06 1137	6/5/06 1056	7/10/06 1032	8/7/06 1305	9/8/06 1057
Flow (cfs)	61	1.5	1.7	3.1	3.9	2	2.5	1.7	1.1	1.4	93	108	1.3
E. coli(org/100mL)	31699	79	45	690	730	190	260	80	120	260	1180	50	22
Suspended Solids(mg/L)	530	12	5.7	5	9	7	7.3	10.7	4	4.7	144	5	2.7
Turbidity(NTU)	82079	15.8	9.4	13.2	26.3	31.8	37.2	32.1	20.9	20.5	186	15.5	19
pH	400	7.57	7.92	8	8.05	7.82	7.86	7.94	7.84	7.95	7.6	7.81	7.9
Temperature(C)	10	21.1	14.9	6.51	12.2	12.6	16.8	22	23.4	23.8	25.5	26.1	22.4
Dissolved Oxygen(mg/L)	300	5.47	7.49	7.48	8.01	2.08	6.32	5.32	5.2	5.77	4.91	4.8	5.58
Conductivity(umhos/cm)	94	630	615	628	616	615	603	627	542	544	248	589	659
Total Phosphorus(mg/L)	665	0.57	<0.05	0.11	<0.05	0.21	0.17	0.3	0.3	0.39	0.54	0.08	<0.05
Nitrate-N(mg/L)	620	0.1	0.04	<0.02	0.02	0.03	0.02	0.08	0.11	0.11	1.32	0.09	<0.02
Chloride(mg/L)	940	42.8	41.3	45.4	32.8	39.6	30.3	32.9	33.8	32.2	8.2	47.3	56.3
Sulfate(mg/L)	945	17	25.6	12.4	13.7	15.6	14.9	15.6	10.9	11	11.9	10.5	9.8
Total Hardness(mg/L)	900	47.5	43.1	35	33.3	31.1	31.9	34.1	27.6	21.7	62	0.09	41.9
Ammonia-N(mg/L)	610	0.02		0.02		<0.02		0.06		0.03		0.12	
Chlorophyll a(mg/m^3)	32211	<1	<1	<1	<1	2.6	<1	2	2.4	<1	5.1	3.1	<1
Pheophytin(mg/m^3)	32218	1.5	<1	<1	<1	<1	1.8	1.8	1.9	<1	1.1	<1	<1

Parameter	Parameter Code	Date and 24 hour time 10/10/06 1401	11/3/06 1215	12/6/06 1016	1/8/07 1210	2/5/07 1129	3/8/07 1020	4/4/07 1406	5/9/07 1003	6/15/07 1010	7/9/07 1034	8/6/07 1119	9/12/07 1014
Flow (cfs)		1.4	1.9	3.7	22	9.2	8.3	75	31	13	488	123	11
E. coli(org/100mL)	31699	180	38	50	460	210	44	440	310	89	390	290	36
Suspended Solids(mg/L)	530	8.7	4.3	1.7	34	4.7	2.7	39.3	20.7	10.3	72.3	32	9
Turbidity(NTU)	82079	17.5	27.5	9.1	75.2	28.7	11.7	42.4	19.4	9.32	75.4	36.1	10.1
pH	400	7.88	7.79	8.1	8.15	8.02	8.08	7.61	7.4	7.61	7.4	7.55	7.72
Temperature(C)	10	22.3	14.3	10.6	10.9	8.92	13.6	22.4	23.7	26.1	26.3	27.1	25.1
Dissolved Oxygen(mg/L)	300	6.71	8.86	9.04	11.4	10.9	9.7	7.11	8.07	6.46	6.24	6.57	8.59
Conductivity(umhos/cm)	94	510	492	664	247	418	603	404	628	875	231	336	724
Total Phosphorus(mg/L)	665	0.11	0.07	0.07	0.38	0.33	0.36	0.25	0.12	0.12	0.28	0.21	0.31
Nitrate-N(mg/L)	620	0.1	0.03	<0.02	0.66	0.38	<0.02	0.2	0.34	0.24	0.23	0.2	0.108
Chloride(mg/L)	940	40.8	36.9	54.9	12.5	26.2	34.2	33.6	61.4	85.6	18.2	34.1	79.4
Sulfate(mg/L)	945	13.9	14	8.6	15.4	36.2	17.8	60.3	118	192	26.1	44.7	109
Total Hardness(mg/L)	900	47.5	46.5	24.9	51	72.5	56.5	118	200	252	82	68	194
Ammonia-N(mg/L)	610	<0.02		0.02		<0.02		0.09		0.03		0.06	
Chlorophyll a(mg/m^3)	32211	1.3	<1	<1	2	<1	1.2	1.2	<1	2.3	3.1	2.5	<1
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Parameter	Parameter Code	Date and 24 hour time 10/11/07 1033	11/14/07 1040	12/12/07 1017	1/7/08 1007	2/15/08 1006	3/17/08 1551	4/9/08 945	5/5/08 1535	6/9/08 1106	7/3/08 929	8/4/08 1614	9/9/08 1001
Flow (cfs)	00061	7.1	7.6	18	12	13	8.6	5.7	3.7	2.5	1.1	0.96	2.3
E. coli(org/100mL)	31699	19	40	410	200	270	365	145	150	81	120	57	41
Suspended Solids(mg/L)	00530	4.3	4.3	4.3	<1	4	16.3	2.3	3	7.3	6.3	3.3	3.7
Turbidity(NTU)	82079	6.06	6.75	4.53	3.6	4.98	19.5	5.8	4.6	12.8	19.8	25.2	22.9
pH	00400	7.84	7.87	7.66	7.8	7.8	7.7	7.7	7.6	7.8	7.9	8.3	8
Temperature(C)	00010	22.8	20.5	16.8	14.8	15.6	19.4	22.2	22.7	26.6	23.8	28.8	25
Dissolved Oxygen(mg/L)	00300	7.35	5.21	7.85	9.8	9.1	8.6	6.5	8.3	5.63	5	8.5	6.7
Conductivity(umhos/cm)	00094	830	709	1070	1183	1297	1143	1168	1180	714	910	700	607
Total Phosphorus(mg/L)	00665	0.25	0.18	0.15	0.05	0.08	0.13	0.21	0.18	0.45	0.69	0.36	0.29
Nitrate-N(mg/L)	00620	<0.05	<0.05	0.12	0.08	<0.05	<0.05	0.27	0.1	0.16	0.12	0.12	0.07
Chloride(mg/L)	00940	46.1	63.5	112	123	163	140	126	108	58.9	87	63.9	46
Sulfate(mg/L)	00945	76.5	34	192	218	273	227	227	186	33.6	13.8	11.3	12.2
Total Hardness(mg/L)	00900	126	41.8	314	316	400	295	324	324	64	48.9	27	24.1
Ammonia-N(mg/L)	00610	<0.10		0.11		<1		<0.1				0.14	
Chlorophyll a(mg/m^3)	32211	<1	<1	1.5	<1	3.4	2.3	1	1.2	<1		1.5	<1
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	1.8	<1	<1	<1	<1		<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	<0.5		1.2		<0.5		0.87				0.66	

TABLE 16 (cont.)

TCEQ Segment 1804
TCEQ Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 10/7/08 957	11/12/08 1009	12/4/08 940	1/7/09 950	2/4/09 950	3/10/09 1023	4/7/09 1033	5/5/09 1000	6/3/09 1004	7/06/09 1006	8/03/09 950	9/03/09 1007
Flow (cfs)	00061	1.7	7.2	6.3	4.1	6.8	7.6	1.9	2.8	4.4	3.2	0.8	0.6
E. coli(org/100mL)	31699	190	>4840	57	470	180	100	38	66	730	64	39	81
Suspended Solids(mg/L)	00530	1.5	53	4	4.5	8	7.7	5	7	13.5	5.3	7.7	3
Turbidity(NTU)	82079	15.3	62.5	13.8	18.3	21.8	26.2	18.9	6.75	27.7	19.3	25.2	24.3
pH	00400	7.9	7.7	7.6	7.6	7.9	7.7	7.7	7.5	7.8	8	8.2	8
Temperature(C)	00010	22.4	18.7	11.1	8.8	8.1	20.9	11.3	23.5	24.5	28.2	28.1	25.5
Dissolved Oxygen(mg/L)	00300	5.5	5.7	6	9.7	10.8	4.7	8.4	5.7	5.8	4.3	5.1	5.6
Conductivity(umhos/cm)	00094	655	658	654	604	679	593	544	828	623	664	768	673
Total Phosphorus(mg/L)	00665	0.29	0.36	0.29	0.18	0.12	0.24	0.2	0.57	0.63	0.4	0.32	0.31
Nitrate-N(mg/L)	00620		0.07	0.15	<0.05	0.12	0.17	<0.05	0.08	<0.05	0.15	0.06	<0.05
Chloride(mg/L)	00940	60.2	67	55.7	53.8	62.3	41.7	36.2	81.7	44.3	51.7	73.9	58.1
Sulfate(mg/L)	00945	11	10	8	9.6	11.9	10.7	10.1	103	10	9.51	8.39	8.98
Total Hardness(mg/L)	00900	21.5	39.3	28.1	21.6	20.5	23.5	21.6	189	45.2	37.6	161	27.9
Ammonia-N(mg/L)	00610	<0.1		0.1		0.13		<0.1		<0.1		0.18	
Chlorophyll a(mg/m^3)	32211	<1	1.5	<1	<1	<1	<1	<1	1.5	2.8	<1	1.6	<1
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	<1	<1	<1	<1	1.4	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.42		0.58		0.38		0.59		0.86		0.74	

Parameter	Parameter Code	Date and 24 hour time 10/05/09 1036	11/04/09 1037	12/01/09 951	1/12/10 1017	2/3/10 1022	3/10/10 936	4/14/10 958	5/4/10 1008	6/16/10 1224	7/6/10 1058	8/3/10 1010	9/15/10 1517
Flow (cfs)	00061	236	10	27	5.9	37	30	1.9	0.6	15	26	47	62
E. coli(org/100mL)	31699	4610	140	79	190	640	190	210	86	130	390	130	10
Suspended Solids(mg/L)	00530	306	7.3	11	7	11.7	4.7	3.3	5.7	11	18.7	5.3	6.3
Turbidity(NTU)	82079	308	21.3	21.5	14.7	33	7.2	6.2	8.1	16.8	43.6	13.3	14.5
pH	00400	7.5	7.7	7.6	7.7	7.8	7.5	7.9	7.7	7.6	7.7	7.8	7.6
Temperature(C)	00010	23.6	15.6	13.6	5.4	10.6	18.5	19.3	20	27.9	26.9	26.7	28.8
Dissolved Oxygen(mg/L)	00300	6.4	9.8	10.1	12.5	11.1	8.8	8	8.3	6.7	7.2	10	5.6
Conductivity(umhos/cm)	00094	146	365	484	890	569	1130	1250	991	464	476	810	388
Total Phosphorus(mg/L)	00665	0.38	0.23	0.24	0.09	0.16	0.06	0.12	0.12	0.25	0.17	0.21	0.38
Nitrate-N(mg/L)	00620	0.69	0.26	0.07	0.07	0.42	<0.05	0.27	0.93	0.25	0.2	0.15	0.2
Chloride(mg/L)	00940	5.68	29.2	42.9	95.6	57.2	118	132	98.9	38.2	60.4	127	32.5
Sulfate(mg/L)	00945	11.4	33.7	59.9	140	90.2	196	228	173	60	67.5	79.4	32.4
Total Hardness(mg/L)	00900	47.5	116	121	183	156	342	338	250	136	150	146	92.3
Ammonia-N(mg/L)	00610	0.21		0.1		0.11		0.16		0.13		0.14	
Chlorophyll a(mg/m^3)	32211	1.1	<1	<1	1.2	1.2	2.2	<1	<1	1.6	2.4	1.1	<1.0
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	<1	<1	<1	<1	1.2	<1	<1	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	1.61		0.85		0.88		0.71		0.84		0.78	

Parameter	Parameter Code	Date and 24 hour time 10/7/10 1045	11/15/10 1047	12/2/10 1025	1/5/11 1028	2/7/11 1032	3/3/11 957	4/5/11 1008	5/13/11 1027	6/2/11 1130	7/11/11 1548	8/1/11 1040	9/13/11 1058
Flow (cfs)	00061	34	35	35	44	0.53	0.2	3.2	12	no flow	no flow	no flow	0.09
E. coli(org/100mL)	31699	83	110	52	350	410	220	230	24200	110	38	74	730
Suspended Solids(mg/L)	00530	3.6	5.7	2.6	11.5	11.4	6	14.6	23.4	9.3	6.7	6.2	5.5
Turbidity(NTU)	82079	8.3	12	10.6	25.4	15.7	8.3	7	36.3	24.8	19.8	19.1	14.7
pH	00400	8	7.9	7.8	7.8	8	8	7.9	7.8	8	8.1	8.2	8.1
Temperature(C)	00010	15.9	14.8	9.2	12.5	7.2	14.4	15.9	21.4	24.3	26.8	27.6	25.1
Dissolved Oxygen(mg/L)	00300	7.9	6.7	8	7.8	11.2	8.6	6.6	4.8	4.4	3.8	5.6	6.9
Conductivity(umhos/cm)	00094	653	679	609	629	851	996	993	656	683	570	550	560
Total Phosphorus(mg/L)	00665	0.26	0.37	0.38	0.23	0.16	0.16	0.25	0.46	0.45	0.43	0.28	0.13
Nitrate-N(mg/L)	00620	0.12	<0.05	0.11	0.12	0.07	<0.05	0.11	0.21	0.16	0.18	0.09	0.21
Chloride(mg/L)	00940	64.5	63.1	48.1	59	87.8	106	109	65.2	61.9	43.2	27.1	27.7
Sulfate(mg/L)	00945	21.7	10.5	12.4	12.4	97.8	132	100	15.5	9.4	9.43	10	10.8
Total Hardness(mg/L)	00900	53.3	33.5	34	28.2	136	191	160	36.4	32.1	33.3	22.8	22.8
Ammonia-N(mg/L)	00610	0.14		0.11		0.12		0.17		0.17		0.19	<0.1
Chlorophyll a(mg/m^3)	32211	1.3	<1	<1	<1	9.8	<1	1.5	4.2	2.6	5.8	1.5	<1
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	<1	<1	1.8	1.7	<1	1.4	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.49		0.46		0.49		0.53		0.69		0.6	0.46

TABLE 16 (cont.)

TCEQ Segment 1804
TCEQ Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 10/19/11 1042	11/7/11 1015	12/6/11 1043	1/10/2012 1039	2/13/2012 1026	3/6/12 1021	4/412 1007	5/2/12 1025	6/14/12 956	7/10/12 1011	8/14/12 1035	9/5/12 1039
Flow (cfs)	00061	0.9	0.3	14	20	14	1.8	16	0.3	2.8	0.4	0.03	29
E. coli(org/100mL)	31699	100	110	190	>2420	1180	270	210	55	35	400	19	82
Suspended Solids(mg/L)	00530	4.5	3.6	4.2	44.5	30	9.8	9.4	9.2	3.3	59	5.3	19.4
Turbidity(NTU)	82079	39	19.2	25.2	89.7	46.7	14.4	9	10.4	5.1	32.7	11.6	47.1
pH	00400	7.8	8.1	8	8	8	8	7.5	7.7	7.7	7.8	7.8	7.4
Temperature(C)	00010	16.2	18.3	10	12.2	9.9	15.7	22.3	23.5	6.8	26.5	27.2	26.1
Dissolved Oxygen(mg/L)	00300	6.5	8	8.2	7.9	9.7	7.4	6	6.1	4.7	5.5	5	5
Conductivity(umhos/cm)	00094	579	582	697	541	493	599	1020	931	733	510	615	322
Total Phosphorus(mg/L)	00665	0.39	0.1	0.22	0.35	0.27	0.25	0.2	0.3	0.28	0.26	0.36	0.24
Nitrate-N(mg/L)	00620	0.1	<0.05	<0.05	0.19	0.11	0.08	0.32	0.08	<0.05	0.16	0.16	0.3
Chloride(mg/L)	00940	40.8	38.1	63.4	43.5	43	51.5	100	85.2	69.2	33.7	54.3	21.3
Sulfate(mg/L)	00945	8.1	11.8	7.62	19.7	18.4	44.6	166	120	43.4	12.9	11.3	15.3
Total Hardness(mg/L)	00900	30	22.3	33.9	39.2	58.3	106	293	194	96.7	40	39.5	47.4
Ammonia-N(mg/L)	00610		<0.1		0.25		0.3		0.44		0.12		0.22
Chlorophyll a(mg/m^3)	32211	1.2	<1	1	2.4	1.8	6.6	2.3	1.5	2	2	<1	4.16
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1.0	<1.0	1	<1	1.6	1.2	2.1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.87	0.38	0.87	1.17	0.82	0.73	0.83	0.63	0.69	0.26	0.68	0.85

Parameter	Parameter Code	Date and 24 hour time 10/17/12 1030	11/19/12 1030	12/18/12 1156	1/7/13 1137	2/4/13 1204	3/20/13 1133	4/17/13 1036	5/14/13 1328	6/5/13 1047	7/10/13 1132	8/7/13 1042	9/10/13 1031
Flow (cfs)	00061	1.3	0.71	2.3	2.5	2.2	2.4	1.7	3.6	0.05	0.7	0.6	2
E. coli(org/100mL)	31699	170	79	160	170	270	83	150	190	410	66	100	210
Suspended Solids(mg/L)	00530	5.67	2	7	4.25	9.8	4.9	6.8	20	7.3	3.5	5.8	5.8
Turbidity(NTU)	82079	17.1	16.1	14.7	27.7	29.1	23.7	18.9	94.1	19.2	13.9	18.2	29.1
pH	00400	7.8	8.1	8.2	8.1	7.8	8	7.7	7.8	7.8	7.9	8.4	7.8
Temperature(C)	00010	21	14.4	12.7	7	14.8	19	23.1	22.8	25	27.4	28.2	25.3
Dissolved Oxygen(mg/L)	00300	5.4	8.6	8.3	10.4	7.1	9.1	5.3	7.9	4.7	5.6	7.1	5.3
Conductivity(umhos/cm)	00094	588	560	755	656	528	626	478	263	545	647	574	465
Total Phosphorus(mg/L)	00665	0.26	0.21	0.3	0.14	0.28	0.2	0.27	0.31	0.39	0.28	0.21	0.4
Nitrate-N(mg/L)	00620	0.07	0.1	0.15	0.11	0.11	0.14	0.15	0.38	0.19	0.15	0.13	0.09
Chloride(mg/L)	00940	59.3	39.3	78.8	62.3	41.7	48.7	40.7	17.9	42	59	38.1	23.8
Sulfate(mg/L)	00945	9.57	11.5	7.45	10.2	10.9	10.3	20.2	13.3	7.83	6.87	7.65	6.77
Total Hardness(mg/L)	00900	40.4	29.6	64.6	27.8	46.6	27.8	66.4	40.6	46.8	33.6	26	32.6
Ammonia-N(mg/L)	00610		0.22		0.14		0.18		0.12		0.15		0.18
Chlorophyll a(mg/m^3)	32211	<1	<1	<1	<1	1.28	1.5	1.01	12	2.2	1.42	1.04	<1
Pheophytin(mg/m^3)	32218	1.3	<1	1.18	<1	2.44	1.6	1.01	<1	<1	<1	2.08	4.95
Total Kjeldahl Nitrogen (mg/L)	00625	0.71	0.62	0.5	0.46	0.81	0.59	0.94	<0.2	0.9	0.8	0.68	1.97

Parameter	Parameter Code	Date and 24 hour time 10/2/13 1027	11/18/13 1037	12/4/13 1025	1/13/14 959	2/5/14 1137	3/10/14 1152	4/9/14 1005	5/8/14 1046	6/10/14 1030	7/2/14 1039	8/6/14 1017	9/3/14 1129
Flow (cfs)	00061	30	8.8	6.1	1.9	1.1	4.7	1.2	0.8	1.1	0.3	0.02	0.2
E. coli(org/100mL)	31699	20	180	74	150	180	2200	76	27	170	220	39	99
Suspended Solids(mg/L)	00530	29.5	4.9	6.7	6.60	2.60	10.9	3.80	7.10	6.00	4.00	4.30	3.70
Turbidity(NTU)	82079	66.5	12.5	45.9	12.6	18.0	47.2	18.6	19.7	8.6	7.8	7.6	9.4
pH	00400	8	7.9	7.9	7.9	8.1	8.1	7.7	7.9	7.4	7.7	7.8	5.0
Temperature(C)	00010	25.1	19.3	15	12.0	9.9	14.2	16.7	22.0	25.8	27.2	25.9	27.5
Dissolved Oxygen(mg/L)	00300	7.5	6.6	6.7	8.1	9.7	8.3	6.7	4.4	5.5	5.6	5.3	8.0
Conductivity(umhos/cm)	00094	162	462	607	623	607	590	556	539	457	541	590	631
Total Phosphorus(mg/L)	00665	0.15	0.23	0.3	0.14	0.12	0.31	0.28	0.37	0.35	0.42	0.32	0.32
Nitrate-N(mg/L)	00620	0.36	0.06	0.16	0.17	0.15	0.16	0.14	0.10	0.21	0.12	<0.05	<0.05
Chloride(mg/L)	00940	7.46	42.9	42.7	61.0	45.9	46.7	45	30.3	36.5	38.6	39.6	41.7
Sulfate(mg/L)	00945	10.8	15.1	8.95	9.19	9.48	9.65	9.11	6.71	38.8	13.3	8.62	7.24
Total Hardness(mg/L)	00900	47.6	73.6	42.6	44.0	35.6	36.2	36.0	33.2	116	64.0	45.8	59.0
Ammonia-N(mg/L)	00610		<0.1		<0.10		0.25		0.36		0.26	0.11	0.27
Chlorophyll a(mg/m^3)	32211	2.04	<1	1.66	<1.0	<1.0	---	<1.0	<1.0	4.86	1.99	1.54	2.55
Pheophytin(mg/m^3)	32218	<1	<1	<1	1.33	<1.0	---	<1.0	1.27	<1.0	<1.0	<1.00	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625		0.64		0.52		1.07		0.727		0.96		0.80

TABLE 16 (cont.)

TCEQ Segment 1804
TCEQ Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 10/6/14 1039	11/3/14 1018	12/1/14 1143	01/05/15 1034	2/3/15 1028	3/11/15 1108	4/8/15 1137	5/7/15 1014	6/9/15 1003	7/9/15 1340	9/2/15 1046	10/7/15 1134
Flow (cfs)	00061	1.5	0.8	9.7	12	0.79	1170	0.6	22	34	10	0.02	0.2
E. coli(org/100mL)	31699	16	12	340	1300	1400	20000	46	150	220	130	82	97
Suspended Solids(mg/L)	00530	4.10	2.20	15.8	13.9	7.70	102	5.40	13.1	16.2	10.8	12.4	9.20
Turbidity(NTU)	82079	23.0	12.4	54.7	50.2	42.8	117	6.5	13.3	16.5	10.7	11.5	14.7
pH	00400	7.8	8.0	7.8	7.9	8.0	7.6	7.7	7.3	7.6	7.8	8.2	8.2
Temperature(C)	00010	22.7	18.5	15.7	7.4	10.3	12.9	22.6	23.6	24.9	28.0	25.3	21.2
Dissolved Oxygen(mg/L)	00300	5.4	6.9	6.3	10.1	8.6	7.9	6.2	6.8	7.4	7.3	5.8	6.3
Conductivity(umhos/cm)	00094	421	627	265	408	379	174	692	472	988	944	690	758
Total Phosphorus(mg/L)	00665	0.36	0.29	0.28	0.26	0.33	0.36	0.22	0.15	0.10	0.09	0.37	0.36
Nitrate-N(mg/L)	00620	0.10	<0.05	<0.05	0.11	0.13	0.12	0.11	0.32	0.32	<0.05	<0.05	<0.05
Chloride(mg/L)	00940	34.2	55.5	13.7	35.8	40.3	13.2	75.1	91.1	110	106	53.8	73.4
Sulfate(mg/L)	00945	12.4	7.55	11.5	13.0	33.8	16.3	---	167	193	162	23.7	9.00
Total Hardness(mg/L)	00900	44.8	38.6	55.0	83.2	119	67.6	197	162	299	290	79.8	49.6
Ammonia-N(mg/L)	00610		0.17		0.26		0.11		<0.10		<0.10	0.12	
Chlorophyll a(mg/m^3)	32211	1.84	<1.0	<1.0	<1.0	<1.0	3.07	<1.0	1.16	20.8	5.04	2.21	1.78
Pheophytin(mg/m^3)	32218	<1.0	<1.0	<1.0	<1.0	1.77	<1.0	<1.0	<1.0	8.72	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625		0.60		0.93		1.37		0.78		0.65	0.90	

Parameter	Parameter Code	Date and 24 hour time 11/18/15 947	12/2/16 1004	1/5/16 953	2/8/16 1413	3/1/16 1022	4/6/16 957	5/2/16 1156	6/8/16 1011	7/12/16 955	8/1/16 1106	9/7/16 1206	10/4/16 1044
Flow (cfs)	00061	2320	5.6	34	5.6	7.8	9.3	65	439	5.6	0.07	63	12
E. coli(org/100mL)	31699	24000	70	2800	180	1000	140	680	270	91	170	200	150
Suspended Solids(mg/L)	00530	99.2	6.60	21.5	4.5	15.3	4.00	47.0	18.8	6.40	3.20	27.90	22.9
Turbidity(NTU)	82079	91.1	17.6	28.7	4.8	28.6	5.5	35.3	52	4.3	5.0	46.9	19.8
pH	00400	7.3	7.7	7.9	8	7.6	7.8	7.6	7.3	7.8	7.9	7.4	7.7
Temperature(C)	00010	16.4	12.7	9.8	12.6	18.8	17.9	21.8	26.1	28.0	26.9	26.8	22.5
Dissolved Oxygen(mg/L)	00300	6.5	9.2	10.5	11.4	8	9.5	7.5	8.1	6.3	7.3	6.8	7.2
Conductivity(umhos/cm)	00094	136	436	398	1060	511	1230	921	275	1200	1230	346	658
Total Phosphorus(mg/L)	00665	0.32	0.22	0.20	0.06	0.18	0.07	0.15	0.24	0.08	0.12	0.22	0.15
Nitrate-N(mg/L)	00620	0.32	0.08	0.19	<0.05	0.13	0.14	0.43	0.10	<0.05	<0.05	0.19	0.12
Chloride(mg/L)	00940	6.69	36.9	38.4	141.0	57.2	158	90.8	20.7	146	155	26.5	73.4
Sulfate(mg/L)	00945	10.6	45.0	53.6	217.0	84.6	253	154	32.2	236	174	34.6	92.0
Total Hardness(mg/L)	00900	51.8	115	109	290.0	147	367	286	95.0	361	288	106	163
Ammonia-N(mg/L)	00610	0.10		<0.10		<0.10		<0.10		<0.10		<0.10	
Chlorophyll a(mg/m^3)	32211	1.45	<1.00	4.27	2.25	4.60	1.39	2.73	1.60	1.75	10.0	2.00	1.84
Pheophytin(mg/m^3)	32218	<1.00	<1.00	<1.00	<1.0	<1.0	<1.0	<1.0	1.76	<1.0	<1.0	1.95	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	1.33		1.39		1.20		0.89		0.41		0.73	

Parameter	Parameter Code	Date and 24 hour time 11/14/16 844	12/12/16 1057	1/11/17 1009	2/20/17 1031	3/13/17 1040	4/3/17 1045	5/8/17 1035	6/5/17 1111	7/24/17 1034	8/7/17 1014	9/18/17 1100	10/2/17 1003
Flow (cfs)	00061	43	4.0	2.1	111	1250	22	0.54	0.6	0.2	0.2	46	52
E. coli(org/100mL)	31699	150	190	72	40000	14000	640	93	140	36	62	44	52
Suspended Solids(mg/L)	00530	6.50	14.40	3.67	51.8	145	38.7	3.50	14.9	6.60	10.2	3.50	6.50
Turbidity(NTU)	82079	10.1	28.6	3.1	187	139.0	39.1	2.8	9.7	6.3	10.7	4.2	5.1
pH	00400	7.4	7.2	7.6	7.6	7.2	7.6	7.8	7.8	7.6	8.0	7.6	7.8
Temperature(C)	00010	18.3	13.0	13.2	17.7	15.9	20.4	21.4	25.3	28.1	27.4	26.1	23.7
Dissolved Oxygen(mg/L)	00300	8.0	9.8	10.1	8.6	8.3	7.7	8.7	8.0	7.4	5.2	7.2	7.6
Conductivity(umhos/cm)	00094	816	541	1240	243	241	600	1280	1320	676	377	1100	1120
Total Phosphorus(mg/L)	00665	0.14	0.15	0.06	0.61	0.35	0.16	0.07	0.08	0.37	0.29	0.07	0.06
Nitrate-N(mg/L)	00620	<0.05	0.25	<0.05	0.56	0.15	0.25	0.12	0.06	<0.05	<0.05	0.09	0.12
Chloride(mg/L)	00940	71.6	67.0	154	15.8	20.3	62.7	150	163	59.8	57.4	129	141
Sulfate(mg/L)	00945	129	120	283	25.9	25.5	113	261	324	50.9	37.5	243	245
Total Hardness(mg/L)	00900	194	162	384	103	78.8	169	408	426	130	108	351	354
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10		<0.10		<0.10		0.10	
Chlorophyll a(mg/m^3)	32211	<1.00	1.37	<1.00	4	<1.00	3.79	3.94	2.64	7.27	3.00	3.26	<1.00
Pheophytin(mg/m^3)	32218	<1.00	<1.00	<1.00	<1.00	9.38	<1.00	<1.00	<1.00	<1.00	1.40	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.68		<0.20		1.86		1.85		1.03		0.50	

TABLE 16 (cont.)

TCEQ Segment 1804
TCEQ Station 14937
Station Number 16 Peach Creek at CR 353
Latitude 29/30/28 Longitude 97/18/49

Parameter	Parameter Code	Date and 24 hour time 11/14/17 938	12/6/17 936	1/23/18 1014	2/21/18 914	3/13/18 1010	4/5/18 1403	5/8/18 1025	6/14/18 1115	7/10/18 940	8/6/18 1012	9/17/18 1132	10/9/18 944
Flow (cfs)	00061	4.8	6.7	8.7	8.37	6.8	7.65	14.5	0.2	0.4	0.1	1.61	1.4
E. coli(org/100mL)	31699	31	170	46	490	66	160	150	60	31	20	3300	57
Suspended Solids(mg/L)	00530	1.40	6.70	2.30	4.4	2.90	15.2	7.50	5.7	11.1	6.8	28.0	22.80
Turbidity(NTU)	82079	1.2	4.9	2.2	5.1	3.4	15.6	5.2	3.9	6.4	5.9	25.8	47.4
pH	00400	7.6	7.7	7.8	7.7	7.6	7.5	7.7	7.4	7.7	7.6	7.4	7.3
Temperature(C)	00010	18.4	15.2	9.8	19.0	15.7	20.1	21.8	27.9	26.6	26.7	24.5	25.6
Dissolved Oxygen(mg/L)	00300	6.3	7.4	9.5	7	7.9	7.4	7	2.2	4.7	1.6	4.1	4.2
Conductivity(umhos/cm)	00094	1210	1110	1120	1180	1130	657	1160	1230	974	1170	878	434
Total Phosphorus(mg/L)	00665	0.09	0.12	0.06	0.08	0.11	0.21	0.1	0.21	<0.05	0.18	0.86	0.35
Nitrate-N(mg/L)	00620	<0.05	<0.05	<0.05	<0.05	<0.05	0.18	0.13	<0.05	0.24	<0.05	0.09	0.2
Chloride(mg/L)	00940	137	124	132	145.0	143	70.2	149	161	132	146	129	27.8
Sulfate(mg/L)	00945	233	197	225	236.0	203	114	250	194	91.4	151	56.9	29.40
Total Hardness(mg/L)	00900	364	307	313.0	330.0	305	194	343	336	179	257	163	81.5
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10		<0.10		<0.10		0.67	
Chlorophyll a(mg/m^3)	32211	<1.00	<1.00	<1.00	1.04	1.36	2.31	2.85	11.9	4.63	6.35	21.8	1.13
Pheophytin(mg/m^3)	32218	<1.00	1.01	<1.00	<1.00	<1.00	<1.00	<1.00	3.23	1.21	1.65	5.26	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.52		2.39		0.49		0.51		1.41		1.96	

Parameter	Parameter Code	11/19/18 948	12/5/18 1010	1/7/19 1100	2/5/19 924	3/13/19 1034	4/4/19 1323	5/13/19 959	6/12/19 1010	7/24/19 1022	8/19/19 1257	9/5/19 959
Flow (cfs)	00061	342	4.9	43	19.6	19	0.04	84	16	0.4	0.05	0.03
E. coli(org/100mL)	31699	>24000	47	5200	270	310	100	370	130	40	67	32
Suspended Solids(mg/L)	00530	580.0	3.10	186	6.0	1.4	1.70	41.7	11.0	6.30	5.10	3.70
Turbidity(NTU)	82079	306.0	8.1	90	17	1.4	1.7	32	18	3.8	4.2	4.0
pH	00400	7.1	7.3	7.9	7.3	8.0	8	7.5	7	8	7.7	8.2
Temperature(C)	00010	12.8	11.7	13.2	17.8	20.7	17	19.9	24.8	26.7	30.6	27.4
Dissolved Oxygen(mg/L)	00300	7.6	8.7	10.6	8.6	7.7	9.4	7.7	8.5	6.6	7.1	6.4
Conductivity(umhos/cm)	00094	227	492	351	918	1410	1440	516	523	841	889	1050
Total Phosphorus(mg/L)	00665	0.57	0.24	0.27	0.11	0.02	0.045	0.31	0.234	0.11	0.12	0.197
Nitrate-N(mg/L)	00620	0.56	<0.50	0.22	177	<0.05	<0.05	0.27	0.32	<0.05	<0.05	<0.05
Chloride(mg/L)	00940	19.9	44.1	37.5	108.0	189	189	55.5	57.4	97.9	99.8	1333
Sulfate(mg/L)	00945	27.1	54.3	59.1	0.1	322	311	87	76.1	127	91.2	27.4
Total Hardness(mg/L)	00900	78.3	126	111	280.0	445	439	167	156.0	229	191	114
Ammonia-N(mg/L)	00610	<0.10		<0.10	<0.10	<0.10		<0.10		<0.10		0.22
Chlorophyll a(mg/m^3)	32211	5.61	44.1	5.43	<1.00	1.69	1.16	1.1	3.26	4.06	3.5	1.19
Pheophytin(mg/m^3)	32218	2.24	54.3	2.05	<1.00	<1.00	0.26	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	2.13		1.48	<0.20	0.69		1.4		0.62		0.85

Parameter	Parameter Code	Date and 24 hour time 10/9/19 1048	11/20/19 923	12/5/19 947	1/29/20 1010	2/17/20 947	3/9/20 1025	4/13/20 1015	5/14/20 935	6/10/20 1010
Flow (cfs)	00061	0.02	4.3	1.3	1.1	0.8	0.4	1	50	3.6
E. coli(org/100mL)	31699	22	52	70	120	120	76	90	3600	40
Suspended Solids(mg/L)	00530	15.50	4.60	18.7	6.2	8	1.8	9.40	111.0	10.40
Turbidity(NTU)	82079	13.0	26	25	55	33.0	2.8	13	120	25
pH	00400	7.6	7.6	7.5	7.7	7.6	8	7.2	7.4	7.5
Temperature(C)	00010	23.8	15.0	12.4	12.8	16.5	17.5	18.7	22.6	26.8
Dissolved Oxygen(mg/L)	00300	6.4	11.1	5.2	8	8.1	9.2	7.6	6.8	5.9
Conductivity(umhos/cm)	00094	438	418	514	593	675	1030	613	451	359
Total Phosphorus(mg/L)	00665	0.299	0.287	0.56	0.295	0.243	0.078	0.284	0.489	0.55
Nitrate-N(mg/L)	00620	<0.05	<0.05	<0.05	0.157	<0.05	<0.05	0.198	48.80	0.222
Chloride(mg/L)	00940	40.2	30.8	50.3	41.8	73.5	114	67.4	0.628	29.8
Sulfate(mg/L)	00945	24.7	31	24.3	19.4	26.4	112	107	75	29
Total Hardness(mg/L)	00900	84.4	64.1	87	46	61.1	149	166	124	88.8
Ammonia-N(mg/L)	00610		<0.10		<0.10		<0.10		0.23	
Chlorophyll a(mg/m^3)	32211	3.95	1.11	1.44	3.05	8.16	1.51	1.72	6.12	4.09
Pheophytin(mg/m^3)	32218	1.18	3.87	<1.00	2.69	<1.00	<1.00	<1.00	2.14	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625		0.87		0.87		0.36		1.93	