

TABLE 6

TNRCC Segment 1807  
 TNRCC Station 12623  
 Station Number 6 Boat launching ramp at Coleto Creek Reservoir  
 Latitude 28/43/16 Longitude 97/10/15

Parameter	Date and 24 hour time												
	Parameter Code	3/24/87 1430	4/23/87 1130	5/27/87 1140	6/23/87 1037	7/22/87 935	8/18/87 1000	9/14/87 1430	10/20/87 1002	11/23/97 940	12/14/87 930	1/28/88 1430	2/11/88 1153
Fecal Coliform(org/100mL)	31616	3	6	1	28	382	12	4	6	1	2	0	2
Suspended Solids(mg/L)	530	8.4	4.9	15.0	9.8	3.0	4.0	4.5	5.0	7.7	5.7	6.7	6.8
Turbidity(NTU)	82079	26.0	8.6	8.7	12.1	1.2	5.8	4.2	5.6	5.3	6.0	8.3	7.1
pH	400	7.81	8.21	8.09	7.08	8.09	7.40	7.94	8.09	7.93	7.24	8.00	7.83
Temperature(C)	10	21.70	22.20	27.00	31.68	30.88	31.03	30.37	25.07	19.85	19.93	15.30	12.90
Dissolved Oxygen(mg/L)	300	8.52	7.91	6.30	6.11	6.53	5.80	6.63	7.55	8.48	8.75	9.98	9.81
Conductivity(umhos/cm)	94	349	394	498	281	354	415	472	464	511	471	506	518
Total Phosphorus(mg/L)	665	0.07	0.01	0.04	0.02	0.03	0.09	0.01	0.01	0.05	0.05	0.03	0.75
Nitrate-N(mg/L)	620	1.00	0.37	5.60	0.40	0.36	0.28	0.27	0.70	0.12	0.12	0.30	0.31
Water Quality Index		92.65	90.20	85.40	86.25	12.73	86.36	86.04	89.71	91.70	94.19	91.09	84.43

Parameter	Date and 24 hour time												
	Parameter Code	3/29/88 1054	4/26/88 1000	5/17/88 1000	6/30/88 1400	7/26/88 1120	8/30/88 1358	9/30/88 1515	10/26/88 1345	11/21/88 1545	12/19/88 1400	1/11/89 1140	2/13/89 1245
Fecal Coliform(org/100mL)	31616	1	122	4	4	12	22	107	1	3	10	2	2
Suspended Solids(mg/L)	530	7.8	6.4	4.4	5.4	7.1	16.7	6.1	7.1	10.8	9.3	10.0	9.6
Turbidity(NTU)	82079	10.1	7.6	5.8	5.5	3.5	11.8	5.7	5.8	9.5	12.3	10.4	15.3
pH	400	8.22	8.32	8.25	8.31	8.17	7.55	7.45	8.33	8.53	8.58	8.34	8.66
Temperature(C)	10	20.26	26.14	27.01	32.70	30.64	32.01	32.04		21.22	16.42	17.85	12.92
Dissolved Oxygen(mg/L)	300	8.42	8.08	7.64	7.30	7.29	7.66	8.44		9.70	9.34	8.97	9.78
Conductivity(umhos/cm)	94	565	593	611	597	618	626	640	627	535	658	671	644
Total Phosphorus(mg/L)	665	0.06	0.01	0.55	0.03	0.04	0.72	0.09	0.04	0.09	0.04	0.06	0.05
Nitrate-N(mg/L)	620	0.28	1.00	0.30	0.48	0.40	0.01	0.42	0.21	0.46	0.78	1.04	0.40
Water Quality Index		89.79	80.47	84.60	81.68	84.53	85.39	81.50	83.36	89.18	86.80	88.77	84.10

Parameter	Date and 24 hour time												
	Parameter Code	3/14/89 1600	4/11/89 1403	5/9/89 1345	6/12/89 1415	7/10/89 1416	8/14/89 1642	9/12/89 1415	10/17/89 1330	11/30/89 1024	12/28/89 1431	1/23/90 1340	2/27/90 1418
Fecal Coliform(org/100mL)	31616	4	4	7	19	11	52	36	24	26	0	0	3
Suspended Solids(mg/L)	530	10.4	5.9	12.6	12.8	7.0	8.1	3.6	10.6	9.3	8.0	8.5	10.7
Turbidity(NTU)	82079	12.9	12.6	14.1	15.0	5.6	7.0	3.5	6.3	10.0	7.0	6.2	10.0
pH	400	8.09	8.15	7.46	7.78	8.43	8.18	8.34	8.51	8.53	9.08	8.39	8.16
Temperature(C)	10	15.77	19.51	25.44	28.80	33.14	30.02	32.81	26.46	15.40	11.75	18.17	19.10
Dissolved Oxygen(mg/L)	300	8.70	9.53	6.04	5.42	7.11	7.52	7.74	8.26	9.18	11.00	8.67	9.49
Conductivity(umhos/cm)	94	653	679	672	682	647	676	683	742	719	742	744	722
Total Phosphorus(mg/L)	665	0.06	0.04	0.08	0.06	0.07	0.03	0.03	0.06	0.13	0.09	0.04	0.11
Nitrate-N(mg/L)	620	0.57	0.43	0.56	0.47	0.40	0.56	0.39	1.50	0.80	0.76	1.10	2.60
Water Quality Index		88.94	90.94	88.76	84.85	79.36	83.37	80.55	85.20	85.51	79.98	87.78	90.01

TABLE 6 (Con't)

TNRCC Segment 1807  
 TNRCC Station 12623  
 Station Number 6 Boat launching ramp at Coleta Creek Reservoir  
 Latitude 28/43/16 Longitude 97/10/15

Parameter	Parameter Code	Date and 24 hour time											
		3/20/90	4/16/90	5/29/90	6/26/90	7/23/90	8/8/90	9/10/90	10/8/90	11/6/90	12/5/90	1/22/91	2/12/91
Fecal Coliform(org/100mL)	31616	4	4	17	59	196	172	362	13	9	2	20	4
Suspended Solids(mq/L)	530	7.3	6.7	7.5	7.5	10.2	7.0	43.8	4.9	5.9	5.9	5.0	5.1
Turbidity(NTU)	82079	7.9	15.0	5.5	4.9	14.0	3.8	3.8	2.5	3.6	3.8	5.0	5.0
pH	400	8.26	8.36	8.05	8.07	7.91	8.25	8.15	8.05	7.80	8.24	8.47	7.45
Temperature(C)	10	21.72	21.25	31.28	30.84	28.53	31.80	29.45	29.59	21.00	16.67	12.71	17.03
Dissolved Oxygen(mq/L)	300	8.92	7.25	8.50	9.80	7.47	7.59	6.47	7.69	8.49	10.46	10.56	10.43
Conductivity(umhos/cm)	94	726	685	609	664	371	416	447	437	473	474	575	314
Total Phosphorus(mg/L)	665	0.08	0.04	0.07	0.03	0.07	0.05	0.03	0.15	0.04	0.07	0.07	0.08
Nitrate-N(mq/L)	620	1.70	0.46	<0.2	0.28	0.54	0.40	0.37	0.54	0.44	0.50	0.32	0.09
Water Quality Index		89.44	87.21	85.41	85.44	69.24	68.98	18.42	87.10	92.57	91.32	86.47	95.43

Parameter	Parameter Code	Date and 24 hour time											
		3/20/91	4/16/91	5/14/91	6/3/91	7/9/91	8/8/91	9/3/91	10/15/91	11/21/91	12/26/91	1/14/92	2/28/92
Fecal Coliform(org/100mL)	31616	0	21	106	60	132	22	282	70	412	500	62	258
Suspended Solids(mq/L)	530	5.4	13.8	14.1	6.9	5.8	1.9	3.2	2	3.2	10	6.5	9
Turbidity(NTU)	82079	5.3	28	24	12.5	7	7	3.1	7	7	27	18	30
pH	400	8.31	8.26	8.2	7.9	8.43	8.2	8.02	8.52	7.79	8.05	7.7	8.58
Temperature(C)	10	19.57	25.64	25.9	28.6	31.06	31.05	28.4	27.93	20.56	15.37	13.62	16.6
Dissolved Oxygen(mq/L)	300	9.66	7.37	6.86	25.9	8.24	6.78	6.2	8.07	9.16	7.88	9.51	9.38
Conductivity(umhos/cm)	94	453	170	242	259	263	285	497	348	315	209	255	216
Total Phosphorus(mg/L)	665	0.19	0.12	0.1	0.03	0.09	0.04	0.07	0.03	0.08	0.13	0.1	0.08
Nitrate-N(mq/L)	620	0.02	0.11	0.22	0.07	0.13	0.08	0.07	0.13	0.19	0.26	0.34	0.27
Water Quality Index		90.83	88.23	82.34	85.61	75.91	84.36	0	83.93	0	0	89.52	55.19

Parameter	Parameter Code	Date and 24 hour time											
		3/16/92	4/27/92	5/12/92	6/10/92	7/28/92	8/17/92	9/15/92	10/20/92	11/24/92	12/15/92	1/20/93	2/24/93
Fecal Coliform(org/100mL)	31616	22	20	8	72	20	22	6	4	16	50	22	2
Suspended Solids(mq/L)	530	7.1	8.6	7	20.6	3.8	7.2	5	7	7.2	6	6.1	3.8
Turbidity(NTU)	82079	30	23	23	13	6.1	13	10	11	17	9	9.5	13
pH	400	8.48	7.87	7.55	8.02	7.72	7.77	8.03	8.07	8.12	8.44	8.01	8.63
Temperature(C)	10	18.76	22.99	24.46	29.1	29.91	29.67	30.59	25.88	20.82	17.17	15.43	18.7
Dissolved Oxygen(mq/L)	300	7.06	5.72	4.68	7.18	5.27	6.4	6.75	8.06	9.28	9.75	9.63	8.99
Conductivity(umhos/cm)	94	238	197	271	289	397	423	425	451	452	467	487	443
Total Phosphorus(mg/L)	665	0.11	0.1	0.1	0.12	0.06	0.05	0.05	0.09	0.03	0.13	0.08	0.04
Nitrate-N(mq/L)	620	0.15	0.25	0.36	0.32	0.14	0.1	0.1	0.12	0.19	0.17	0.06	0.12
Water Quality Index		87.02	89.57	89.14	84.19	85.62	86.5	85.23	89.68	91.68	88.29	90.6	87.88

TABLE 6 (Con't)

TNRCC Segment 1807  
 TNRCC Station 12623  
 Station Number 6 Boat launching ramp at Coletto Creek Reservoir  
 Latitude 28/43/16 Longitude 97/10/15

Parameter	Date and 24 hour time												
	Parameter Code	3/24/93	4/22/93	5/27/93	6/23/93	7/19/93	8/10/93	9/28/93	10/15/93	11/16/93	12/28/93	1/18/94	2/22/94
Fecal Coliform(org/100mL)	31616	8	0	28	156	24	20	6	12	10	3	14	0
Suspended Solids(mg/L)	530	7.8	5.6	22.2	13	5	6.4	9.6	5.3	6.6	6.8	7.4	7.1
Turbidity(NTU)	82079	13	9.5	23	18	15	6	4	3.4	6.2	6.8	8.8	16
pH	400	8.33	7.85	8.6	7.47	7.86	7.88	7.85	8.16	8.11	8.29	8.23	8.03
Temperature(C)	10	21.72	21.53	25.66	21.19	30.41	31.65	29.81	27.62	20.6	18.24	15.15	16.58
Dissolved Oxygen(mg/L)	300	9.08	9.53	9.37	5.48	5.82	5.93	8.06	8.25	8.7	10.05	9.14	7.06
Conductivity(umhos/cm)	94	407	413	283	206	256	305	367	397	338	353	365	360
Total Phosphorus(mg/L)	665	0.24	0.09	0.1	0.06	0.11	0.06	0.08	0.04	0.08	0.02	0.08	0.1
Nitrate-N(mg/L)	620	0.15	0.11	0.14	0.83	0.14	0.12	0.16	0.14	0.11	0.17	0.14	0.16
Water Quality Index		89.96	93.67	87.09	78.74	85.42	84.2	88.28	88.78	91.71	91.73	89.23	88.91

Parameter	Date and 24 hour time												
	Parameter Code	3/22/94	4/12/94	5/17/94	6/20/94	7/19/94	8/23/94	9/20/94	10/18/94	11/29/94	12/13/94	1/16/95	2/7/95
Fecal Coliform(org/100mL)	31616	7	58	100	82	56	372	20	424	7	250	14	1
Suspended Solids(mg/L)	530	5.8	6.9	6.8	3.2	3.9	6.6	8.6	11.6	8	13.1	7.6	6.6
Turbidity(NTU)	82079	7.5	13	5.3	3.6	2.7	4.4	3.4	6.2	17	9.5	16	8.3
pH	400	8.05	7.95	8.76	8.24	8	7.97	8.05	7.89	7.67	8.4	7.95	8.16
Temperature(C)	10	21.14	20.4	28.46	31.7	31	31.08	29.04	24.6	21	19.47	16.07	19.36
Dissolved Oxygen(mg/L)	300	7.91	8.05	8.92	5.76	6.24	7.47	7.82	9.18	7.45	10.68	8.05	9.88
Conductivity(umhos/cm)	94	340	378	370	345	373	387	370	246	253	307	345	
Total Phosphorus(mg/L)	665	0.09	0.09	0.08	0.09	0.04	0.06	<0.01	0.08	0.1	0.11	0.12	0.08
Nitrate-N(mg/L)	620	0.13	0.2	0.08	0.18	0.15	0.06	0.14	0.7	0.24	0.35	0.35	0.26
Water Quality Index		91.23	89.91	79.64	78.91	83.23	17.27	87.6	3.23	92.46	60.88	90.16	92.55

Parameter	Date and 24 hour time												
	Parameter Code	3/14/95	4/26/95	5/30/95	6/12/95	7/17/95	8/21/95	9/25/95	10/17/95	11/27/95	12/18/95	1/8/96	2/12/96
Fecal Coliform(org/100mL)	31616	8	96	140	22	<2	48	80	12	<2	197	0	6
Suspended Solids(mg/L)	530	5.9	7	6.1	8.9	5.9	7.8	14.5	9.1	5.1	7.2	6	41
Turbidity(NTU)	82079	6.9	6.1	4.3	3.9	13	4.5	6.2	4.7	6.8	6	6.6	30.4
pH	400	8.28	8.37	8.02	8.48	8.17	8.5	8.68	8.35	8.58	8.81	8	8.43
Temperature(C)	10	19.21	21.45	28	28.82	30.47	33.04	28.86	26.37	21.66	21.62	11	20
Dissolved Oxygen(mg/L)	300	10.32	9.35	8.38	8.41	6.87	8.19	9.73	8.41	9	10.45	10.67	9.96
Conductivity(umhos/cm)	94	290	340	330	340	500	350	379	390	405	393	413	447
Total Phosphorus(mg/L)	665	0.1	0.11	0.07	0.12	0.1	0.16	0.09	0.13	0.11	0.2	0.05	0.06
Nitrate-N(mg/L)	620	0.18	0.17	0.11	0.09	0.94	0.11	0.62	0.13	0.12	0.1	0.17	0.1
Water Quality Index		92.48	86.27	79.95	85.74	83.72	80.01	82.24	88.21	88.74	68.84	88.52	88.68

TABLE 6 (Con't)

TNRCC Segment 1807  
 TNRCC Station 12623  
 Station Number 6 Boat launching ramp at Coletto Creek Reservoir  
 Latitude 28/43/16 Longitude 97/10/15

Parameter	Parameter Code	Date and 24 hour time											
		3/20/96	4/23/96	5/28/96	6/24/96	7/22/96	8/19/96	9/23/96	10/22/96	11/12/96	12/17/96	1/28/97	2/26/97
Fecal Coliform(org/100mL)	31616	2	24	8	1838	96	24	196	62	12	3	24	9
Suspended Solids(mg/L)	530	22.3	11.7	8.8	14	13.2	10.7	3.9	3.9	2.7	3.6	9.8	5.6
Turbidity(NTU)	82079	17	17	8.6	8.9	8.2	8.6	4.20	4.2	2.6	5.20	7.5	7.2
pH	400	8.69	8.76	8.19	7.96	8.02	8.31	8.23	7.53	8.29	8.12	8.05	7.93
Temperature(C)	10.00	21.52	26.61	29.43	29.24	30.51	30.01	30.36	21.71	21.50	17.56	13.97	17.06
Dissolved Oxygen(mg/L)	300	9.7	9.64	6.89	7.54	6.49	6.96	6.41	7.19	7.24	10.14	10.35	8.86
Conductivity(umhos/cm)	94	466	556	545	550	570	568	532	496	482	506	545	538
Total Phosphorus(mg/L)	665	0.13	0.11	0.05	0.08	0.10	0.10	0.09	0.08	0.08	0.08	0.11	0.16
Nitrate-N(mg/L)	620	0.07	0.14	0.18	0.1	<0.2	0.02	0.05	0.04	0.03	0.06	0.11	0.02
Chloride(mg/L)	940								80.8	83.0	93.9	78.5	80.1
Sulfate(mg/L)	945								61.0	44.0	41.2	40.2	41.1
Total Hardness(mg/L)	900								254	110	109	122	122
Ammonia-N(mg/L)	610								0.12		0.09		0.10
E. coli(org/100mL)	31648								38	10	4	22	8
Chlorophyll a(mg/m <sup>3</sup> )	32211								12.5	1.78	3.34	<1.0	5.33
Water Quality Index		87.37	85.16	84.93	0	79.50	83.23	64.58	90.12	88.72	92.04	89.66	90.91

Parameter	Parameter Code	Date and 24 hour time											
		3/19/97	4/23/97	5/12/97	6/18/97	7/17/97	8/26/97	9/16/97	10/27/97	11/19/97	12/10/97	1/13/98	2/11/98
Fecal Coliform(org/100mL)	31616	638	4	4	4	52	89	398	15	12	7	14	<12
Suspended Solids(mg/L)	530	7.7	11.2	7.6	4.6	7.4	5.3	6.2	7.9	5.4	5.7	4	4.6
Turbidity(NTU)	82079	13	17.0	9.7	8	3.4	1.7	4.1	15	15	16	3.6	6.4
pH	400	8.2	7.99	7.49	6.86	8.24	8.18	8.21	7.92	8	8.08	8.29	7.89
Temperature(C)	10.00	19.17	23.82	24.31	31.77	31.94	30.14	30.84	22.39	15.55	16.91	19.64	17.25
Dissolved Oxygen(mg/L)	300	8.87	8.44	7.88	7.54	4.23	7.74	7.06	7.26	8.3	8.88	7.41	9.64
Conductivity(umhos/cm)	94	360	147	238	260	267	321	263	186	228	263	299	343
Total Phosphorus(mg/L)	665	0.10	0.10	0.10	0.07	0.12	0.1	0.09	0.1	0.12	0.15	0.14	<0.05
Nitrate-N(mg/L as N)	620	0.09	0.14	0.11	<0.02	0.02	<0.02	0.03	0.36	0.31	0.06	0.1	0.1
Chloride(mg/L)	940	62.4	22.0	27.0	19.3	10.4	29.9	30.6	13.9	16.9	20.6	21.8	26.2
Sulfate(mg/L)	945	5.4	3.3	6.2	6.8	4.6	2.9	3.5	6.1	5.4	4.3	2.5	3.2
Total Hardness(mg/L)	900	86.7	51.2	83.4	111	102	106	116	81.7	115	82.1	101	116
Ammonia-N(mg/L)	610		0.14		0.11		0.06		0.05		0.07		0.15
E. coli(org/100mL)	31648	588	4	4	4	40	57	362	6	4	4	14	<12
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	27.4	12.9	9.8	8.5	13.9	7.6	6.4	3.1	5.8	4.2	3.1
Water Quality Index		0	92.81	93.17	88.12	79	82.46	0	91.34	90.34	91.12	89.25	93.11

Parameter	Parameter Code	Date and 24 hour time											
		3/19/98	4/15/98	5/19/98	6/22/98	7/16/98	8/27/98	9/14/98	10/29/98	11/11/98	12/09/98	1/13/99	2/10/99
Fecal Coliform(org/100mL)	31616	24	2	6	4	90	209	400	42	5	19	2	35
Suspended Solids(mg/L)	530	6.6	17.1	2.8	4	4.2	4.1	9	5.7	6.1	4.6	6.6	6
Turbidity(NTU)	82079	27	16	2.5	11	11.5	4	24	26	15	17	9.8	11
pH	400	7.65	7.44	8.06	8.22	7.15	7.29	7.96	7.89	7.82	7.67	8.01	7.7
Temperature(C)	10.00	18.53	23.3	27.8	30.32	31.52	31.19	28.71	24.67	20.41	20.13	15.99	21.23
Dissolved Oxygen(mg/L)	300	10.25	6.92	7.33	6.98	6.05	7	8.54	7.18	8.35	8.11	10.45	6.23
Conductivity(umhos/cm)	94	339	370	367	381	366	399	312	158	255	247	357	409
Total Phosphorus(mg/L)	665	0.12	0.06	0.12	<0.01	<0.01	0.12	0.03	0.1	<0.01	<0.01	0.1	0.05
Nitrate-N(mg/L as N)	620	0.16	0.06	0.13	0.1	0.1	0.23	0.006	0.3	0.32	0.3	0.24	0.14
Chloride(mg/L)	940	29.7	3.9	42.4	5.0	48.9	51.9	41.6	8.3	15.2	17.8	28.3	40.4
Sulfate(mg/L)	945	4.2	4.9	3.4	27.7	23.6	26.6	3.3	<0.5	3.9	2.6	1.6	2.8
Total Hardness(mg/L)	900	113	130	112	103	160	99	94	60.4	88	96.5	119	114
Ammonia-N(mg/L)	610		0.34		0.13		0.2		0.2		0.1		0.08
E. coli(org/100mL)	31648	24	0	6	36	5	40	288	42	2	22	2	29
Chlorophyll a(mg/m <sup>3</sup> )	32211	5.8	3.9	2.2	4.8	4.9	<1.0	14.1	3.4	1.9	5.2	2.9	3.1
Water Quality Index		94.46	91.5	88.38	85.05	81.82	65.76	9.89	89.7	93.04	93.21	92.55	90.17

TABLE 6 (Con't)

TNRCC Segment 1807  
 TNRCC Station 12623  
 Station Number 6 Boat launching ramp at Colet Creek Reservoir  
 Latitude 28/43/16 Longitude 97/10/15

Parameter	Parameter Code	Date and 24 hour time											
		3/16/99	4/14/99	5/11/99	6/22/99	7/13/99	8/18/99	9/20/99	10/18/00	11/29/99	12/15/99	1/17/00	2/15/00
Fecal Coliform(org/100mL)	31616	72	146	<2	197	300	39	8	112	88	12	100	18
Suspended Solids(mg/L)	530	6.7	2.6	2.4	1.7	1.1	2.1	1.8	3.2	4.3	3.8	5.8	4.2
Turbidity(NTU)	82079	9	11	2.6	2.9	1.6	1.8	1.4	3.1	4.4	6.6	6.9	4.6
pH	400	8.68	7.9	8.11	8.39	8.37	8.09	8.31	8.4	7.87	7.86	8.15	8.03
Temperature(C)	10.00	20.26	23.86	26.96	29.8	31.51	31.8	30.07	23.08	19.27	14.42	19.2	20.18
Dissolved Oxygen(mg/L)	300	9.12	6.56	6.33	10.17	9.22	6.36	7.12	7.79	9.8	10.22	7.67	8.52
Conductivity(umhos/cm)	94	475	483	479	382	383	410	416	416	466	481	502	497
Total Phosphorus(mg/L)	665	0.13	0.06	0.1	0.17	0.052	0.02	<0.01	0.03	0.16	0.16	0.074	0.014
Nitrate-N(mg/L as N)	620	0.04	<0.02	0.05	<0.02	0.03	<0.02	0.09	0.02	0.04	0.098	0.205	0.182
Chloride(mg/L)	940	40.1	51	56.5	57.4	53.4	63.6	68.3	72.1	70.2	76.8	74.7	72.3
Sulfate(mg/L)	945	3.4	5.3	14.4	6.5	2.4	2.6	27.5	288	30.9	30.6	9.5	31
Total Hardness(mg/L)	900	162	153	173	95.2	124	134	121	107	108	121	143	140
Ammonia-N(mg/L)	610		0.1		0.21		0.18		0.18		0.11		0.18
E. coli(org/100mL)	31648	68	44	<2	0	<12	39	0	100	80	12	56	12
Chlorophyll a(mg/m <sup>3</sup> )	32211	5.8	2.7	4	4.8	2.9	1.9	3.5	7.4	2.1	3.1	2.9	3.3
Water Quality Index		85	74.95										

Parameter	Parameter Code	Date and 24 hour time											
		3/14/00	4/24/00	5/29/00	6/19/00	7/19/00	8/29/00	9/19/00	10/30/00	11/20/00	12/11/00	1/23/01	2/20/01
Fecal Coliform(org/100mL)	31616	175	14	77	26	25	40	3	54	8	42	38	12
Suspended Solids(mg/L)	530	13.4	3.8	12.9	6	4.6	3.5	5.8	4.2	4.8	8.2	6.5	3.5
Turbidity(NTU)	82079	6.3	2.95	4	2.6	1.4	2.1	6	3.2		8	13.5	6.3
pH	400	8.8	8.5	8.78	8.33	8.05	7.95	8.1	8.45	8.11	7.97	8.45	8.23
Temperature(C)	10.00	20.95	25.95	31.31	30.3	30.52	31.49	28.39	26.28	16.31	16.74	12.79	18.12
Dissolved Oxygen(mg/L)	300	8.1	8.33	8.68	7.26	5.95	8.41	7.14	8.28	10.56	8.74	11.77	10.13
Conductivity(umhos/cm)	94	528	562	509	480	506	546	560	559	553	490	492	507
Total Phosphorus(mg/L)	665	0.062	0.052	0.12	0.18	0.14	0.06	0.05	0.02	0.05	0.08	0.08	0.06
Nitrate-N(mg/L as N)	620	0.08	0.11	<0.02	<0.02	<0.02	<0.02	0.077	<0.02	0.12	0.101	0.106	0.036
Chloride(mg/L)	940	74.6	84.4	76	74.1	72.3	80.4	75.6	92.8	89.6	69.3	69.5	65.1
Sulfate(mg/L)	945	30.4	37	32.3	34.3	2.82	40	34.6	39.2	39.6	16.7	17.5	20.7
Total Hardness(mg/L)	900	142	152	142	147	128	125	131	141	129	129	122	122
Ammonia-N(mg/L)	610		0.23		0.08		0.16		0.15		0.18		<0.02
E. coli(org/100mL)	31648	150	14	32	6	17	12	1	54	8	38	34	4
Chlorophyll a(mg/m <sup>3</sup> )	32211	4	4.8	7.6	6	6.4	4.5	8	11.4	2.3	2.5	<1.0	4.1
Water Quality Index													

Parameter	Parameter Code	Date and 24 hour time											
		3/13/01	4/16/01	5/14/01	6/25/01	7/10/01	8/14/01	9/10/01	10/16/01	11/13/01	12/18/01	1/16/02	2/15/02
Fecal Coliform(org/100mL)	31616	10	3	41	15	18	21	120	200	99	**		
Suspended Solids(mg/L)	530	6.6	4.2	4.1	3.9	8.7	6.3	4.8	10.4	5.4	6.9	7.6	3.7
Turbidity(NTU)	82079	11	3.9	3.5	1.8	2.8	3.2	11	4.5	3.4	13	12	10
pH	400	8.44	8.41	8.31	8.31	8.31	7.58	9.05	7.87	8.13	8.2	8.34	8.58
Temperature(C)	10.00	20.62	21.78	27.92	31.04	30.3	30.64	28.31	22.86	21.95	18.93	15.61	16.87
Dissolved Oxygen(mg/L)	300	9.99	9.78	8.41	8.38	7.01	6.55	6.84	8.2	8.39	8.57	10.45	10.59
Conductivity(umhos/cm)	94	519	521	446	488	493	537	210	429	323	243	302	339
Total Phosphorus(mg/L)	665	0.06	0.05	0.07	0.08	0.06	0.04	0.13	0.07	0.1	0.18	0.1	0.1
Nitrate-N(mg/L as N)	620	0.048	<0.02	<0.02	0.03	0.06	0.05	0.12	<0.02	<0.02	0.23	0.5	0.11
Chloride(mg/L)	940	73	74.2	63.9	64.5	65.8	81.6	17.2	28.3	11.1	18.3	14.5	26
Sulfate(mg/L)	945	31.1	36.2	2.1	25.6	27	30.8	3.6	4.6	4.3	4.5	3.9	10.1
Total Hardness(mg/L)	900	109	235	137	114	97.5	131	78.5	73.5	120	118	133	110
Ammonia-N(mg/L)	610		<0.02		<0.02		<0.02		0.02		<0.02		<0.02
E. coli(org/100mL)	31699	5	1	1	8	12	11	60	160	88	73	86	2
Chlorophyll a (mg/m <sup>3</sup> )	32211	6.1	<1.0	<1.0	4.7	3.7	8.5	10.3	12.6	5.1	4.5	6.7	<1
Pheophytin (mg/m <sup>3</sup> )	32218										3.5	7.1	21.5

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



TABLE 6 (Con't)

TCEQ Segment 1807  
 TCEQ Station 12623  
 Station Number 6 Boat launching ramp at Colet Creek Reservoir  
 Latitude 28/43/16 Longitude 97/10/15

Parameter	Date and 24 hour time												
	Parameter Code	3/2/05	4/5/05	5/3/05	6/7/05	7/7/05	8/1/05	9/9/05	10/4/05	11/2/05	12/7/05	1/4/06	2/2/06
E. coli(org/100mL)	31699	44	6	5	15	4	1	4	6	4	35	49	8
Suspended Solids(mg/L)	530	13.7	5.9	4.1	4.3	6.3	2.3	9.3	7	8.7	8.3	10.7	9.7
Turbidity(NTU)	82079	22.5	24.6	5.2	4.6	3.9	3.2	4.3	5.3	4.2	5.3	4.9	11.7
pH	400	8.2	7.82	8.11	8.12	8.04	8.09	8.04	8.15	8.3	8.11	8.34	8
Temperature(C)	10	18	21.1	23.7	29.5	31.5	33.2	30.8	30.2	22.4	16.2	20.1	17.4
Dissolved Oxygen(mg/L)	300	8.79	6.3	8.91	6.51	5	8.55	7.02	6.99	8.57	8.46	10.8	8.98
Conductivity(umhos/cm)	94	311	328	420	432	480	479	521	525	513	565	576	612
Total Phosphorus(mg/L)	665	0.15	0.09	<0.05	0.07	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L as N)	620	0.3	0.22	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.02	0.05
Chloride(mg/L)	940	30.3	31.2	42.1	50.1	58.5	58.5	68.2	71.3	73.8	77.3	77	81.2
Sulfate(mg/L)	945	10.2	10.2	13.3	14.4	15.8	15.7	17.6	18.7	20.4	22.2	21.8	24
Total Hardness(mg/L)	900	102	119	127	122	142	136	134	144	138	159	163	171
Ammonia-N(mg/L)	610		0.12		0.02		<0.02		0.03		0.02		0.05
Chlorophyll a (mg/m <sup>3</sup> )	32211	4	2.5	8.8	9.8	8.6	5.3	9	6	7.7	6.8	4.6	3.2
Pheophytin (mg/m <sup>3</sup> )	32218	<3	<3	<3	<3	<3	<3	<3	1.2	1.5	1.8	2.3	1.7

Parameter	Date and 24 hour time												
	Parameter Code	3/3/06	4/5/06	5/2/06	6/7/06	7/12/06	8/10/06	9/6/06	10/12/06	11/1/06	12/5/06	1/9/07	2/6/07
E. coli(org/100mL)	31699	13	5	4	7	2	5	7	1	1	4	20	7
Suspended Solids(mg/L)	530	8	7.3	11.3	12.3	4.7	5.7	4.3	13	7.7	6.7	6.7	6.3
Turbidity(NTU)	82079	7	9.3	11.1	7.3	4.2	5	4.8	5.5	6.3	6.9	7.9	9.1
pH	400	8.34	8.43	8.05	8.43	8.22	8.1	8.11	7.91	8.44	8.22	8.23	7.86
Temperature(C)	10	21.2	24	24.6	29.1	30.8	30.8	29.4	27.8	24.2	15.7	16.7	14.2
Dissolved Oxygen(mg/L)	300	10.7	8.47		8.68	7.6	7.51	8	5.83	9.61	11.9	10.5	10.4
Conductivity(umhos/cm)	94	638	658	671	612	675	618	629	615	643	652	690	580
Total Phosphorus(mg/L)	665	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L as N)	620	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.02	0.043	0.08
Chloride(mg/L)	940	84	97	103	92.8	94.4	92.8	95.2	93.6	94.4	102	104	74
Sulfate(mg/L)	945	26.1	29.8	31.2	33	30	28.8	30.2	31	30.4	33	34.6	26
Total Hardness(mg/L)	900	138	129	168	132	136	132	130	134	130	146	147	138
Ammonia-N(mg/L)	610		<0.02		<0.02		0.03		<0.02		0.04		<0.02
Chlorophyll a (mg/m <sup>3</sup> )	32211	6.6	6.2	7	9	5.2	6.2	5.8	5.3	3.1	3.1	2	2.5
Pheophytin (mg/m <sup>3</sup> )	32218	1.3	1.3	1.8	1.4	<1	<1	1	<1	<1	<1	<1	<1

Parameter	Date and 24 hour time												
	Parameter Code	3/6/07	4/3/07	5/8/07	6/12/07	7/11/07	8/7/07	9/13/07	10/12/07	11/13/07	12/11/07	1/8/08	2/13/08
E. coli(org/100mL)	31699	22	84	1	<1	4	2	1	1	2	5	4	10
Suspended Solids(mg/L)	530	11.3	7	6	3	19.3	4.7	5.3	5.7	4.7	11.3	6.7	4.7
Turbidity(NTU)	82079	8	20.7	12.8	2.57	12.6	5.3	4.21	4.32	3.1	8.63	6.6	4.3
pH	400	8.05	7.74	7.84	8.05	7.88	7.7	8.03	7.79	8.23	8.04	8.2	8.3
Temperature(C)	10	18.4	22.8	25.5	31.8	30	31	30.2	29	25.1	18.7	16.7	18.2
Dissolved Oxygen(mg/L)	300	9.35	6.83	7.36	10.3	5.67	5.33	6.73	5.67	8	7.8	9.1	9.9
Conductivity(umhos/cm)	94	565	407	363	397	170	230	292	326	373	414	410	447
Total Phosphorus(mg/L)	665	0.06	0.09	0.06	<0.05	0.08	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L as N)	620	<0.02	0.16	0.2	0.05	0.03	<0.02	<0.05	<0.05	<0.05	0.11	0.1	0.1
Chloride(mg/L)	940	69.2	41.4	38.5	45.1	8.7	14.6	23.4	28.9	36.3	33.9	37.7	46.2
Sulfate(mg/L)	945	24.4	14.1	14.3	14.6	3.1	5.5	7.67	8.24	13.5	12.1	14.1	18
Total Hardness(mg/L)	900	130	96	120	114	67	82.5	119	114	121	134	141	171
Ammonia-N(mg/L)	610		0.04		<0.02		0.03		<0.1		0.15		<0.1
Chlorophyll a (mg/m <sup>3</sup> )	32211	3.3	4.7	3.9	3.3	20.4	9.4	9	8.4	8.2	3.9	7	2.4
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	1.1	1.8	1.4	2	<1	2.5	1.9	1
Total Kjeldahl Nitrogen (mg/L)	625								0.56		0.59		0.65

TABLE 6 (Con't)

TCEQ Segment 1807  
 TCEQ Station 12623  
 Station Number 6 Boat launching ramp at Coletto Creek Reservoir  
 Latitude 28/43/16 Longitude 97/10/15

Parameter	Parameter Code	Date and 24 hour time											
		3/17/08	4/11/08	5/5/08	6/12/08	7/1/08	8/4/08	9/10/08	10/8/08	11/10/08	12/10/08	1/6/09	2/3/09
E. coli(org/100mL)	31699	2	16	10	3	6	10	12	<1	16	51	2	19
Suspended Solids(mg/L)	530	9	7.7	4	4.7	3.3	5	3.7	3.7	4	7.7	4.7	7
Turbidity(NTU)	82079	7.6	7.1	3.4	6	4.2	7.15	4.54	25.5	6.73	18.4	9.47	13
pH	400	8.1	8.2	8.2	7.9	8	8.2	8.1	8.4	8.4	8.6	8.1	8.4
Temperature(C)	10	18.2	24	25.4	29.1	31.1	33.2	30.3	25.5	22.3	14.1	15.5	15.1
Dissolved Oxygen(mg/L)	300	8.5	7.6	6.7	5.2	6.6	6.6	5.9	7.5	7.9	9.3	9.6	10.8
Conductivity(umhos/cm)	94	460	485	492	508	518	515	506	546	539	569	588	632
Total Phosphorus(mg/L)	665	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.12
Nitrate-N(mg/L as N)	620	0.08	0.13	0.12	0.05	0.09	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	<0.05
Chloride(mg/L)	940	47.8	53	57.3	62.2	66.8	72.9	76.5	83.8	83.9	84.2	83.5	86.1
Sulfate(mg/L)	945	18.6	20.4	21.6	22.3	23.5	25.1	23	28.3	30.4	29.6	30.6	33.9
Total Hardness(mg/L)	900	147	167	162	143	134	170	121	119	126	152	164	166
Ammonia-N(mg/L)	610		<0.1		<0.1		<0.1		<0.1		0.12		0.1
Chlorophyll a (mg/m <sup>3</sup> )	32211	4.9	2.6	3.8	3.7	3.8	4.1	3.3	2.3	2.1	1.1	3.5	1.9
Pheophytin (mg/m <sup>3</sup> )	32218	1.5	2.3	1.2	<1.0	<1	<1	<1	<1	<1	1.3	1.8	<1
Total Kjeldahl Nitrogen (mg/L)	625		0.59		0.64		0.73		0.67		0.68		0.59

Parameter	Parameter Code	Date and 24 hour time											
		3/11/09	4/13/09	5/6/09	6/2/09	7/08/09	8/11/09	9/09/09	10/12/09	11/10/09	12/07/09	1/13/10	2/9/10
E. coli(org/100mL)	31699	11	10	38	4	2	>2420	3	2	2	21	2	26
Suspended Solids(mg/L)	530	12.7	16.7	4	4	4	5.7	17.3	6.3	2.3	4.3	4.3	5.3
Turbidity(NTU)	82079	12.4	13.7	7.8	8.8	3.2	4.4	7.1	5.4	3.3	13.8	10.3	15.6
pH	400	8	8.8	7.8	7.9	8.2	8.3	8.2	8.3	8.6	7.8	7.8	7.8
Temperature(C)	10	21.4	23.2	26	29.4	31.2	30.4	30.2	23.5	24.3	14.8	12.5	13.6
Dissolved Oxygen(mg/L)	300	7.1	11.4	5.2	5.1	6.7	7.4	7	7.4	10.9	8.8	11.5	11.3
Conductivity(umhos/cm)	94	644	640	621	611	617	653	678	623	589	390	392	338
Total Phosphorus(mg/L)	665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	0.06	0.08
Nitrate-N(mg/L as N)	620	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.13	0.2
Chloride(mg/L)	940	92.3	95.1	91.3	80.4	100	99.4	96	86	82.2	48.9	44.2	32.5
Sulfate(mg/L)	945	34.8	43.7	40.9	37.2	39.9	45.6	46.2	43.1	38.9	24.5	21.8	17
Total Hardness(mg/L)	900	175	180	159	145	138	138	162	140	149	123	153	116
Ammonia-N(mg/L)	610		<0.10		<0.01		0.19		<0.1		0.14		0.1
Chlorophyll a (mg/m <sup>3</sup> )	32211	2.5	2	2.3	2	2.6	1.7	3.2	12.2	4.5	0.14	4.6	2.6
Pheophytin (mg/m <sup>3</sup> )	32218	1.2	<1.0	<1	<1	<1	<1	<1	1.9	<1	<1	1.3	1.8
Total Kjeldahl Nitrogen (mg/L)	625		0.63		0.65		0.72		0.67		0.91		0.77

Parameter	Parameter Code	Date and 24 hour time						
		3/3/10	4/20/10	5/5/10	6/5/10	7/2/10	8/4/10	
E. coli(org/100mL)	31699	2	2	6	1	1	<1	
Suspended Solids(mg/L)	530	5.3	6.7	3.3	7	<1	2	
Turbidity(NTU)	82079	14	7.7	5.8	4.1	1.8	2.2	
pH	400	8	8.3	8.4	7.8	7.9	8.4	
Temperature(C)	10	15.5	22	26.2	30.3	30.9	33	
Dissolved Oxygen(mg/L)	300	10	9	8.6	5.6	6.2	8.5	
Conductivity(umhos/cm)	94	313	336	378	337	334	333	
Total Phosphorus(mg/L)	665	0.08	0.06	<0.05	<0.05	<0.05	<0.05	
Nitrate-N(mg/L as N)	620	0.17	0.17	<0.05	<0.05	<0.05	<0.05	
Chloride(mg/L)	940	28.7	30.2	35.9	35.3	37.4	39	
Sulfate(mg/L)	945	13.9	14.6	16.3	12	11.9	11.5	
Total Hardness(mg/L)	900	115	129	130	136	136	120	
Ammonia-N(mg/L)	610		0.1		0.11		0.14	
Chlorophyll a (mg/m <sup>3</sup> )	32211	6.5	9.3	4.4	1.9	2.2	5.3	
Pheophytin (mg/m <sup>3</sup> )	32218	2.6	4.2	<1	3	2	3.2	
Total Kjeldahl Nitrogen (mg/L)	625		0.81		0.54		0.6	

\* Site moved to dam - Coletto Creek Site no. 20827

TABLE 6 (Con't)

TCEQ Segment 1807  
 TCEQ Station 20827  
 Station Number 6 Coletto Creek Reservoir at Dam  
 Latitude 28/43/56 Longitude 97/09/53

Parameter	Parameter Code	Date and 24 hour time											
		9/14/10 1156	10/6/10 1044	11/18/10 1101	12/1/10 1106	1/3/11 1120	2/9/11 1102	3/2/11 1117	4/4/11 1124	5/24/11 1113	6/6/11 1128	7/11/11 1051	8/2/11 1101
E. coli(org/100mL)	31699	5	1	4	12	4	3	5	6	1	<1	<1	1
Suspended Solids(mg/L)	00530	5.7	3.6	4	5.1	4.6	3.9	4.6	3.2	3.6	3.3	3.9	5
Turbidity(NTU)	82079	3.6	3.4	5.8	4.6	4.5	4.4	4.1	2.7	2.9	2.8	2.6	3.2
pH	00400	8.3	7.8	7.8	8.2	8.2	8.1	8.2	8.3	8.4	8.5	8.3	8.4
Temperature(C)	00010	33.2	26.3	20	18.9	16.3	12.6	19.8	24.8	28.5	32.6	32.8	32.9
Dissolved Oxygen(mg/L)	00300	7.3	5.2	5.9	8.4	9	10.4	7.9	7.5	7.5	7.7	5.5	7.1
Conductivity(umhos/cm)	00094	311	258	319	327	357	370	395	422	420	423	431	445
Total Phosphorus(mg/L)	00665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05
Nitrate-N(mg/L as N)	00620	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	0.08	0.07	0.06	0.07	<0.05
Chloride(mg/L)	00940	34	18.3	25.8	27.4	31.1	34.6	38.4	40.6	48.1	50.3	57	57.4
Sulfate(mg/L)	00945	10	5.2	8.1	8.8	11.8	11.8	13.3	13.7	17.4	18	18.5	18.2
Total Hardness(mg/L)	00900	94.4	85.5	116	112	114	126	129	137	311	58.6		112
Ammonia-N(mg/L)	00610		0.15		0.11		0.13		0.12		<0.1	4.2	<0.1
Chlorophyll a (mg/m <sup>3</sup> )	32211	10	10.4	3.4	6.4	6.2	5.1	6.5	4.7	6.2	4.6	<1	4.8
Pheophytin (mg/m <sup>3</sup> )	32218	<1	1.7	1.3	1.4	<1	1.3	1.2	2.2	<1	<1		<1
Total Kjeldahl Nitrogen (mg/L)	00625		0.79		0.77		0.72		0.72		0.69		0.65

Parameter	Parameter Code	Date and 24 hour time											
		9/14/11 1108	10/17/11 1125	11/8/11 1038	12/8/11 1120	1/4/12 1101	2/9/12 1106	3/7/12 1051	4/11/12 1211	5/3/12 1038	6/12/12 1110	7/12/12 1436	8/15/12 1517
E. coli(org/100mL)	31699	<1	5	29	51	14	9	6	12	16	<1	4	<1
Suspended Solids(mg/L)	00530	6.24	6.5	6.4	6.4	3.9	3.8	8.4	7.8	2.9	2	4.4	2.8
Turbidity(NTU)	82079	3.7	2.7	4.6	3.6	3.9	4.4	5.4	5.4	3.8	2	2.8	2.1
pH	00400	8.4	8.3	8.5	8.2	8.3	8.2	7.8	8.3	8.5	8.5	8	8.2
Temperature(C)	00010	31.1	25.7	20.8	14.2	15.7	18	20.1	27.5	28.6	31.1	30.2	31.9
Dissolved Oxygen(mg/L)	00300	7.3	8.1	9	9.8	9.8	9	7.9	7.7	8	7	6.3	7.2
Conductivity(umhos/cm)	00094	500	490	507	537	550	554	560	535	557	540	500	506
Total Phosphorus(mg/L)	00665	0.03	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.03
Nitrate-N(mg/L as N)	00620	<0.05	<0.05	<0.05	0.08	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05
Chloride(mg/L)	00940	61.7	58	69.2	68.4	66.7	66.4	65.2	66.2	66.8	68.9	67	66.7
Sulfate(mg/L)	00945	20.5	20	25.8	26	28.8	27.3	28.7	29.4	29.1	29.7	29.3	28.6
Total Hardness(mg/L)	00900	122	124	119	316	136	151	160	148	138	344	121	114
Ammonia-N(mg/L)	00610	0.12		0.25		0.28		0.27		0.33		0.24	
Chlorophyll a (mg/m <sup>3</sup> )	32211	5.9	7.8	6.8	5.5	2.8	3	5.1	3	2.2	1.8	4.2	4.4
Pheophytin (mg/m <sup>3</sup> )	32218	<1	5.9	<1	<1	<1	3.4	<1	<1	1.8	29.7	1.7	2.4
Total Kjeldahl Nitrogen (mg/L)	00625	0.76	0.76	0.79	0.7	0.75	0.65	0.73	0.74	0.59	0.47	0.71	0.48

Parameter	Parameter Code	Date and 24 hour time											
		9/6/12 1459	10/15/12 1414	11/13/12 1350	12/19/12 1501	1/9/13 1351	2/11/13 1338	3/18/13 1255	4/15/13 1400	5/15/13 1409	6/4/13 1459	7/8/2013 1539	8/8/13 1542
E. coli(org/100mL)	31699	3	<1	9	27	100	4	2	<1	67	2	40	<1
Suspended Solids(mg/L)	00530	4	4.6	7.83	6	5.5	5.3	3.7	5.2	5.5	3.5	3.5	4.8
Turbidity(NTU)	82079	2.3	2.8	4.3	4.98	4.8	4.3	3.7	5.2	5.46	3.2	2.1	2.8
pH	00400	8.5	8.5	8.4	8.2	8.5	8.4	8.4	8.5	8.6	8.5	8.4	8.6
Temperature(C)	00010	33	27.3	22.5	20.7	16	19.7	24	23.8	25.8	32.5	31.4	33.2
Dissolved Oxygen(mg/L)	00300	7.9	8.8	7.7	9.2	9.6	8.3	9.6	8.9	9	8.2	6.9	7.6
Conductivity(umhos/cm)	00094	544	541	568	578	564	580	618	616	566	548	554	574
Total Phosphorus(mg/L)	00665	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.36	0.02
Nitrate-N(mg/L as N)	00620	0.08	0.07	0.08	0.08	0.1	<0.05	0.1	0.05	0.05	0.05	<0.05	0.06
Chloride(mg/L)	00940	70.5	77.1	75.7	77.1	74.7	74.4	75.7	77.4	72	67.8	71.4	77.1
Sulfate(mg/L)	00945	30.2	32.5	31.4	33	32.9	34.5	36.9	38.1	36	34.3	36.5	38.5
Total Hardness(mg/L)	00900	127	26	132	142	145	157	173	160	149	135	126	131
Ammonia-N(mg/L)	00610	0.2		0.2		0.14		<0.1		0.2		0.14	
Chlorophyll a (mg/m <sup>3</sup> )	32211	6.18	1.91	2.45	1.28	2.7	1.78	5.6	7.21	8.9	5.67	6.59	9.14
Pheophytin (mg/m <sup>3</sup> )	32218	1.26	16.5	15.5	15.3	15.9	14.8	1.8	2.82	1.38	<1	3.44	1.58
Total Kjeldahl Nitrogen (mg/L)	00625	0.67	0.77	0.76	0.63	1.08	0.66	0.8	1.01	0.88	0.75	0.73	0.58

TABLE 6 (Con't)

TCEQ Segment 1807  
 TCEQ Station 20827  
 Station Number 6 Coleto Creek Reservoir at Dam  
 Latitude 28/43/56 Longitude 97/09/53

Parameter	Parameter Code	Date and 24 hour time											
		9/11/13 1525	10/7/13 1436	11/13/13 1332	12/3/13 1352	1/16/14 1428	2/6/14 1326	3/12/14 1352	4/14/14 1448	5/7/14 1327	6/12/14 1428	7/7/14 1432	8/11/14 1527
E. coli(org/100mL)	31699	5	<13.9	5	3	2	1	5	3	<1	14	3	<1
Suspended Solids(mg/L)	00530	3.5	2.8	8	5	4.60	7.90	3.67	9.40	5.63	3.29	3.70	3.80
Turbidity(NTU)	82079	2.1	8.3	5.6	5.1	4.7	5.2	4.8	6.5	5.6	2.5	2.5	2.2
pH	00400	8.2	28.8	8.6	8.6	8.5	8.6	8.5	8.5	8.7	8.5	8.3	8.4
Temperature(C)	00010	31.9	6.4	19.2	19.6	16.0	12.8	16.8	22.7	25.2	31.9	31.5	33.4
Dissolved Oxygen(mg/L)	00300	7.2	595	8.8	10.3	10.5	11.2	9.5	8.3	8.5	8.1	6.7	7.1
Conductivity(umhos/cm)	00094	596	0.02	613	631	670	708	677	675	629	558	539	572
Total Phosphorus(mg/L)	00665	0.02	0.07	0.02	0.02	0.02	0.02	0.22	0.02	0.03	0.02	<0.02	0.02
Nitrate-N(mg/L as N)	00620	0.06	82.6	0.06	0.06	0.06	0.10	<0.05	0.09	0.07	<0.05	<0.05	<0.05
Chloride(mg/L)	00940	80	40.5	85.4	84.9	88.6	88.1	92.6	91.2	86.9	75.4	68.5	74.9
Sulfate(mg/L)	00945	39.5	135	41.9	41.9	44.1	44.4	49.7	49.7	47.8	40.4	35.3	37.8
Total Hardness(mg/L)	00900	132		140	148	159	162	164	158	149	128	128	142
Ammonia-N(mg/L)	00610	0.2	7.71	<0.1		<0.10		0.76		0.27		0.12	
Chlorophyll a (mg/m <sup>3</sup> )	32211	7	<1	12.1	5.58	5.83	6.01	---	14.5	9.08	4.39	7.48	4.54
Pheophytin (mg/m <sup>3</sup> )	32218	<1		1.02	<1	<1.0	<1.0	---	1.79	1.25	<1.0	<1	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.74		0.72		<0.20		1.10		0.903		1.03	

Parameter	Parameter Code	Date and 24 hour time											
		9/4/14 1600	10/8/14 1406	11/12/14 1317	12/3/14 1409	1/7/15 1510	2/4/15 1405	3/10/15 1445	4/7/15 1411	5/11/15 1408	6/24/15 1435	7/8/15 1344	8/5/15 1358
E. coli(org/100mL)	31699	3	<1	23	16	3	9	380	31	3	10	8	2
Suspended Solids(mg/L)	00530	5.30	10.3	8.35	9.71	13.7	7.80	8.80	13.9	4.30	7.50	7.30	6.60
Turbidity(NTU)	82079	3.1	4.7	5.7	6.3	14.2	7.1	8.80	19.7	10.7	4.7	3.9	4.6
pH	00400	8.6	8.8	8.4	8.4	8.5	8.50	8.2	7.8	7.8	8.5	8.2	8.4
Temperature(C)	00010	31.1	31.0	19.7	18.8	13.7	16.5	16.7	23.1	26.5	31.3	31.4	33.7
Dissolved Oxygen(mg/L)	00300	7.4	9.1	7.9	9.7	8.7	9.6	9.9	6.9	7.0	10.2	7.0	7.7
Conductivity(umhos/cm)	00094	615	653	640	686	682	696	669	275	232	191	223	282
Total Phosphorus(mg/L)	00665	0.02	0.03	0.02	0.04	0.06	0.04	<0.02	0.09	0.11	0.05	0.04	0.03
Nitrate-N(mg/L as N)	00620	<0.05	<0.05	<0.05	<0.05	0.06	0.11	0.08	0.05	0.24	<0.05	<0.05	<0.05
Chloride(mg/L)	00940	77.7	80.9	88.8	89.2	92.5		85.1	27.6	12.9	8.31	10.8	13.3
Sulfate(mg/L)	00945	38.6	39.9	44.2	45.1	47.2	46.4	46.4	15.3	8.16	5.88	6.68	8.46
Total Hardness(mg/L)	00900	144	153	179	168	189	170	184	110	126	73.8	105	111
Ammonia-N(mg/L)	00610	0.28		0.43		0.30		<0.10		<0.10	<0.20	<0.10	
Chlorophyll a (mg/m <sup>3</sup> )	32211	9.19	17.1	17.0	13.2	9.48	28.8	13.9	15.7	9.97	12.8	13.4	16.0
Pheophytin (mg/m <sup>3</sup> )	32218	<1.0	<1.0	1.98	2.46	2.11	<1.0	<1.0	5.64	2.95	5.50	4.72	6.41
Total Kjeldahl Nitrogen (mg/L)	00625	0.95		1.15		1.03		1.08		1.6	1.04	1.08	

Parameter	Parameter Code	Date and 24 hour time											
		9/21/15 1351	10/5/15 1426	11/16/15 1449	12/8/15 1418	1/6/16 1302	2/9/16 1306	3/2/16 1402	4/11/16 1339	5/4/16 1432	6/9/16 1347	7/13/16 1339	8/9/16 1442
E. coli(org/100mL)	31699	1	<1	2	5	23	2	1	6	10	31	1	2
Suspended Solids(mg/L)	00530	8.30	6.40	8.83	8.47	9.3	6.40	5.90	3.90	3.60	6.00	5.70	7.90
Turbidity(NTU)	82079	5.0	4.5	7.2	7.5	8.2	5.9	7.6	6.7	4.5	9.32	5.2	4.2
pH	00400	8.4	8.4	8.2	8.5	8.3	8.20	8.3	8.0	8.2	8.2	8.2	8.2
Temperature(C)	00010	30.5	29.7	23.3	19.9	14.8	15	19.9	22.2	27.4	29.3	31.7	34.9
Dissolved Oxygen(mg/L)	00300	8.0	7.6	8.3	10.4	10.0	10.5	9.5	7.5	8.4	8.2	7.3	7.7
Conductivity(umhos/cm)	00094	325	338	339	344	355	365	367	332	344	324	338	360
Total Phosphorus(mg/L)	00665	0.06	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.05	0.04	0.03
Nitrate-N(mg/L as N)	00620	<0.05	<0.05	<0.05	<0.05	0.08	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloride(mg/L)	00940	15.8	18.4	18.8	20.8	21.2	24.2	24.5	21.0	22.1	22.0	21.5	23.2
Sulfate(mg/L)	00945	14.8	7.96	8.52	9.73	10.5	12.6	13.0	10.9	11.0	9.49	8.22	8.75
Total Hardness(mg/L)	00900	122	128	162	134	143	141	141	132	127	114	121	139
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.01		<0.10		<0.10		<0.10	
Chlorophyll a (mg/m <sup>3</sup> )	32211	23.6	14.7	15.6	17.8	17.2	4.98	11.8	10.0	6.64	17.5	<1.0	12.5
Pheophytin (mg/m <sup>3</sup> )	32218	1.81	1.12	2.12	<1.00	<1.00	9.86	<1.0	<1.0	<1.0	1.70	27.9	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625	1.36		0.94		0.91		0.76		0.60		0.79	

TABLE 6 (Con't)

TCEQ Segment 1807  
 TCEQ Station 20827  
 Station Number 6 Coleto Creek Reservoir at Dam  
 Latitude 28/43/56 Longitude 97/09/53

Parameter	Parameter Code	Date and 24 hour time											
		9/6/16	10/5/16	11/17/16	12/15/16	1/10/17	2/27/17	3/16/17	4/18/17	5/11/17	6/8/17	7/19/17	8/17/17
E. coli(org/100mL)	31699	1	1	8	6	4	1	3	21	35	1	4	<1
Suspended Solids(mg/L)	00530	5.80	6.40	7.70	7.70	16.0	8.60	10.8	5.80	7.50	5.80	4.10	6.40
Turbidity(NTU)	82079	13.1	4.2	4.8	7.1	13	9.5	14.1	10.0	5.9	3.9	3.4	5.3
pH	00400	8.2	8.3	8.3	8.3	8.0	8.2	8	8.2	8.4	6.5	8.1	8.7
Temperature(C)	00010	32.0	31.4	24.7	13.5	16.3	21	20.9	25.9	27.5	31.5	32.2	32.3
Dissolved Oxygen(mg/L)	00300	7.7	8.2	9.1	9.7	9.7	9.2	8.6	7.6	8.6	7.5	6.1	6.9
Conductivity(umhos/cm)	00094	365	380	399	385	413	414	398	401	416	430	448	478
Total Phosphorus(mg/L)	00665	0.04	0.03	0.03	0.03	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.03
Nitrate-N(mg/L as N)	00620	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.11	<0.05	<0.05
Chloride(mg/L)	00940	24.2	29.3	28.7	31.4	33.3	31.1	31.1	27.6	36.3	36.4	38.8	39.6
Sulfate(mg/L)	00945	9.05	10.4	10.8	12.6	13.5	12.9	13.0	11.1	15.1	16.4	15.7	16.4
Total Hardness(mg/L)	00900	136	132	143	142	151	181	141	131	146	146	146	150
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10		<0.10		<0.10		<0.10	
Chlorophyll a (mg/m <sup>3</sup> )	32211	21.2	12.2	9.54	17.5	6.60	28.9	16.6	10.9	13.7	8.80	11.9	12.5
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	4.59	1.19	1.89	<1.00	<1.00	1.32	<1.00	<1.00	1.09	1.85
Total Kjeldahl Nitrogen (mg/L)	00625	0.81		0.74		1.04		0.85		0.99		1.20	

Parameter	Parameter Code	Date and 24 hour time											
		9/19/17	10/4/17	11/2/17	12/5/17	1/18/18	2/19/18	3/12/18	4/17/18	5/17/18	6/4/18	7/2/18	8/2/18
E. coli(org/100mL)	31699	1	43	5	10	32	6	5	5	<1	2	2	3
Suspended Solids(mg/L)	00530	6.60	5.00	8.22	3.60	8.30	9.38	12.4	14.1	7.29	7.13	10.60	6.56
Turbidity(NTU)	82079	4.8	5.0	5.3	3.4	7.8	9.7	11.2	13.7	6.1	6.2	7.3	5.4
pH	00400	8.3	7.5	8.4	8.2	8.3	8.4	8.2	8.4	8.6	8.5	8.6	8.4
Temperature(C)	00010	30.9	28.8	23.9	22.0	11.4	18.2	20.6	22.3	31	33.1	33.5	34.6
Dissolved Oxygen(mg/L)	00300	7.6	3.1	9.2	7.9	10.2	9.6	8.0	9.2	8.7	7.9	8.6	7.2
Conductivity(umhos/cm)	00094	201	213	243	276	298	314	331	358	378	396	382	390
Total Phosphorus(mg/L)	00665	0.07	0.05	0.06	0.04	0.03	0.03	0.03	0.04	0.03	0.03	0.04	0.03
Nitrate-N(mg/L as N)	00620	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloride(mg/L)	00940	8.38	9.11	10.8	12.5	15.1	16.9	17.5	20.2	23.8	26.1	25.9	28
Sulfate(mg/L)	00945	4.11	4.15	5.46	6.3	8.37	9.63	10.6	12.0	13.2	13.6	12.5	12.8
Total Hardness(mg/L)	00900	73.7	78.6	95.5	109	121	127	131	139	145	146	142	141
Ammonia-N(mg/L)	00610	<0.10		0.10		<0.10		<0.10		<0.10		<0.10	
Chlorophyll a (mg/m <sup>3</sup> )	32211	29.1	9.98	26.8	13.9	9.94	15.0	11.4	12	7.62	15.9	10	11.1
Pheophytin (mg/m <sup>3</sup> )	32218	2.80	2.61	3.31	2.46	1.77	1.00	1.16	2.87	<1.00	1.18	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	1.05		1.26		0.80		0.84		1.21		1.15	

Parameter	Parameter Code	Date and 24 hour time											
		9/24/18	10/10/18	11/1/18	12/6/18	1/10/19	2/6/19	3/14/19	4/24/19	5/20/19	6/6/19	7/2/19	8/2/19
E. coli(org/100mL)	31699	11	26	15	28	76	39	98	33	60	41	8.5	79
Suspended Solids(mg/L)	00530	11.00	5.90	9.67	6.60	7.50	5.80	7.2	8	6.80	40.70	7.22	6.25
Turbidity(NTU)	82079	10.8	4.2	9.8	10	18	16	18	11	5.2	27	4.1	5.2
pH	00400	8.4	8	7.8	8.1	8.1	8.4	8.6	8.2	8.4	8	8.1	8.4
Temperature(C)	00010	32.6	30	23.7	17.5	16.6	18.4	19.6	23.9	28.3	29.8	31.2	32.2
Dissolved Oxygen(mg/L)	00300	8.2	6.5	7.7	9.1	9.4	10.3	9.4	8.1	7.8	8.8	7.7	6.9
Conductivity(umhos/cm)	00094	259	323	224	230	209	251	294	344	348	580	369	401
Total Phosphorus(mg/L)	00665	0.07	0.02	0.06	0.05	0.07	0.03	0.03	0.04	0.048	0.284	0.036	0.039
Nitrate-N(mg/L as N)	00620	<0.05	<0.05	<0.05	0.09	0.26	<0.05	<0.05	<0.05	<0.05	1.27	<0.05	<0.05
Chloride(mg/L)	00940	17.8	22.4	31.2	12	11.7	14.7	20.6	25.1	28	29.6	31.2	35.5
Sulfate(mg/L)	00945	8.44	9.95	6.68	6.52	5.96	7.05	9.3	11.8	11.9	11.9	11.7	12.2
Total Hardness(mg/L)	00900	94.9	117	87.9	89.1	84.4	96.2	117	129	129.2	135	135	144
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10		<0.10		<0.10		<0.10	
Chlorophyll a (mg/m <sup>3</sup> )	32211	19.6	13.1	18.6	13.7	13.80	27.8	9.26	14.6	13.3	14	13.1	17.4
Pheophytin (mg/m <sup>3</sup> )	32218	1.92	2.19	2.57	3.53	2.97	2.41	1.46	2	2.26	<1.00	1.48	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.94		0.84		0.76		0.57		0.605		0.75	



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