

TABLE 3

TNRCC Segment 1804  
 TNRCC Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29.673147 Longitude -98.079169

Parameter	Parameter Code	Date and 24 hour time											
		3/23/87	4/24/87	5/27/87	6/23/87	7/21/87	8/17/87	9/14/87	10/20/87	11/24/87	12/15/87	1/29/88	2/12/88
=====													
Flow (cfs)		1100	945	1020	918	925	1025	945	900	1508	1400	1518	1345
=====													
Fecal Coliform(org/100mL)	31616	60	58	128	160	85	120	366	100	44	64	6	0
Suspended Solids(mg/L)	530	7.6	11.9	17.2	3.1	11.1	7.8	7.5	7.4	4.3	4.8	5.8	0.95
Turbidity(NTU)	82079	5.6	9.4	16.1	15.5	9.5	5.9	5.7	7.1	5.2	4.21	6	3.9
pH	400	7.68	7.61	7.97	8.03	7.13	7.13	7.46	7.01	7.58	7.59	7.73	7.76
Temperature(C)	10	17.17	19.83	26.8	18.5	23.12	25.26	25.54	22.86	21.66	17.03	19.42	17.69
Dissolved Oxygen(mg/L)	300	8.55	7.96	7.04	8.2	7.9	7.47	7.15	7.74	7.98	9.52	9.79	9.53
Conductivity(umhos/cm)	94	492	504	510	479	514	488	522	513	5.85	531	549	530
Total Phosphorus(mg/L)	665	0.1	0.1	0.1	0.1	0.1	0.07	0.01	0.02	0.11	0.07	0.08	0.14
Nitrate-N(mg/L)	620	2	1.5	2.2	6	1.35	1.2	0.7	2.8	1.17	2.6	1.6	1.64
Water Quality Index		89.94	90.29	79.67	76.49	89.25	84.96	24.67	87.83	91.39	90.91	93.65	92.92

Parameter	Parameter Code	Date and 24 hour time											
		3/28/88	4/25/88	5/16/88	6/29/88	7/27/88	8/29/88	9/29/88	10/27/88	11/22/88	12/20/88	1/12/89	2/14/89
=====													
Flow (cfs)		1644	1242	1503	1450	1414	1556	1100	1400	905	1500	1145	1340
=====													
Fecal Coliform(org/100mL)	31616	17	127	56	268	54	206	34	30	60	66	340	42
Suspended Solids(mg/L)	530	6.1	6.2	4.7	17.4	8.4	13.4	9.6	9.6	8.2	5.4	10	6.3
Turbidity(NTU)	82079	5.3	6.4	5.3	15.5	3.8	13.3	11.7	11.4	10.6	7.4	7	7
pH	400	7.73	7.76	7.79	7.69	7.93	7.68	7.33	7.99	8.14	8.13	8.08	8.34
Temperature(C)	10	23.05	24.42	24.22	26.3	22.87	25.22	23.47		18.07	18.39	17.26	19.22
Dissolved Oxygen(mg/L)	300	7.96	7.74	8.12	7.81	8.65	8.82	8.27		7.7	8.09	8.4	8.96
Conductivity(umhos/cm)	94	544	541	523	502	460	485	528	542	535	511	521	471
Total Phosphorus(mg/L)	665	0.03	0.01	0.06	0.1	0.13	0.03	0.05	0.13	0.15	0.1	0.12	0.09
Nitrate-N(mg/L)	620	1.1	2.4	0.6	1.4	0.84	1.3	1.5	0.76	1.52	1.8	1.8	0.72
Water Quality Index		91.78	83.07	90.23	54.56	90.56	71.16	92.43	90.27	87	87.87	32.5	89.34

Parameter	Parameter Code	Date and 24 hour time											
		3/13/89	4/10/89	5/8/89	6/8/89	7/11/89	8/15/89	9/11/89	10/18/89	11/28/89	12/29/89	1/22/90	2/26/90
=====													
Flow (cfs)		1010	1100	930	915	1002	1142	1050	1400	1330	1020	1520	1000
=====													
Fecal Coliform(org/100mL)	31616	45	96	35	42	332	132	32	48	34	55	22	14
Suspended Solids(mg/L)	530	5.7	10.4	14.2	7.5	15.4	17.7	8	11.8	9.8	6.1	8.6	6.7
Turbidity(NTU)	82079	6.7	10	15.5	7	8.4	10.5	6.1	9.5	7.4	6	6	5.4
pH	400	7.97	7.85	7.16	7.39	8.17	8.09	8.07	8.01	8.49	8.66	8.2	7.79
Temperature(C)	10	19.22	18.56	24.09	26.98	29.18	27.38	28.66	20.66	18.42	14.85	18.96	18.9
Dissolved Oxygen(mg/L)	300	9.31	8.46	6.93	7.01	9.8	10.59	5.81	7.56	7.69	8.69	7.9	8.7
Conductivity(umhos/cm)	94	478	474	498	513	417	541	513	501	468	469	498	494
Total Phosphorus(mg/L)	665	0.06	0.08	0.11	0.12	0.12	0.18	0.22	0.19	0.12	0.1	0.11	0.15
Nitrate-N(mg/L)	620	1.03	1.12	1.2	0.52	0.16	0.84	1.26	0.6	1.8	1.5	2.18	4.8
Water Quality Index		91.74	86.98	90.62	89.24	33.86	81.75	84.27	88.67	86.3	83.58	88.88	91.18

TABLE 3 (Con't)

TNRCC Segment 1804  
 TNRCC Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/21/90	4/17/90	5/30/90	6/25/90	7/24/90	8/9/90	9/11/90	10/9/90	11/5/90	12/4/90	1/21/91	2/11/91
Flow (cfs)		506	487	840	345	630	792	476	457	351	418	528	711
Fecal Coliform(org/100mL)	31616	86	256	110	150	3980	152	6200	462	64	108	248	88
Suspended Solids(mg/L)	530	8.9	8.2	10.5	9.1	11.1	10.4	20	8.6	9	10.2	14.8	10.7
Turbidity(NTU)	82079	5.4	7.5	7.4	7	9	6.2	17	6.25	4.4	5	9	6.9
pH	400	7.8	7.96	7.7	7.85	7.61	7.82	7.67	7.47	8.02	8.12	8.13	7.72
Temperature(C)	10	17.56	20.85	20.75	26.87	26.11	22.6	23.8	24.66	19.74	17.51	15.17	17.64
Dissolved Oxygen(mg/L)	300	8.85	7.2	9.71	9.55	7.72	8.56	6.91	7.04	7.55	9.14	9.01	9.89
Conductivity(umhos/cm)	94	488	448	418	432	466	452	417	487	477	480	585	467
Total Phosphorus(mg/L)	665	0.16	0.07	0.09	0.08	0.11	0.08	0.14	0.11	0.08	0.09	0.11	0.09
Nitrate-N(mg/L)	620	2.6	0.82	1.3	0.43	1.2	1.1	1	0.32	0.85	2.7	1.4	0.82
Water Quality Index		87.83	57.83	88.31	80.71	0	80.8	0	0	88.2	84.6	57.88	89.53

Parameter	Date and 24 hour time												
	Parameter Code	3/21/91	4/15/91	5/13/91	6/4/91	7/8/91	8/6/91	9/4/91	10/14/91	11/20/91	12/27/91	1/15/92	2/27/92
Flow (cfs)		841	788	297	714	817	455	195	539	534	2256	5681	878
Fecal Coliform(org/100mL)	31616	208	725	575	525	156	912	488	121	128	264	28	287
Suspended Solids(mg/L)	530	10.3	21.5	29.6	10.1	7.2	8.7	8.2	6.5	10.7	13.4	17	7.9
Turbidity(NTU)	82079	6.6	17	21	12.5	9.5	6.4	4	6.5	10	12.2	13	5.2
pH	400	7.93	8.04	7.97	7.25	7.775	7.8	7.78	8.91	7.74	8.03	7.65	8.01
Temperature(C)	10	18.23	21.03	21.23	21.69	23.28	25	24.25	22.27	19.36	15.14	12.9	18.3
Dissolved Oxygen(mg/L)	300	8.5	7.73	8.19	7.84	8.27	7.06	6.22	8.22	8.42	8.85	10.27	8.42
Conductivity(umhos/cm)	94	445	468	478	468	490	506	486	541	486	474	417	603
Total Phosphorus(mg/L)	665	0.22	0.09	0.11	0.06	0.13	0.1	0.12	0.08	0.11	0.03	0.06	0.1
Nitrate-N(mg/L)	620	0.43	0.75	0.54	0.74	0.82	0.94	0.91	0.89	0.42	1.11	1.04	2.02
Water Quality Index		83.34	0	0	0	79.92	0	0	77.14	83.95	54.75	90.35	49.32

Parameter	Date and 24 hour time												
	Parameter Code	3/17/92	4/29/92	5/13/92	6/9/92	7/29/92	8/18/92	9/16/92	10/21/92	11/25/92	12/16/92	1/20/93	2/25/93
Flow (cfs)		6213	5708	1466	864	1537	1187	836	702	936	920	1114	1207
Fecal Coliform(org/100mL)	31616	104	30	114	362	484	600	312	416	168	375	160	140
Suspended Solids(mg/L)	530	11.9	11.8	3.7	9.8	6.2	6.2	4.7	6.4	6.5	3.7	3.2	9.6
Turbidity(NTU)	82079	7	16	3	5.6	2.8	8.5	6.2	4.2	17	1.5	4.3	5.7
pH	400	7.62	7.98	7.92	7.61	8.07	8.2	7.78	7.62	7.98	7.66	7.6	8.2
Temperature(C)	10	15.69	17.9	22.2	22.9	24.45	23.6	24.97	22.47	18.56	16.77	16.92	18.24
Dissolved Oxygen(mg/L)	300	9.53	8.72	7.78	7.46	6.62	7.45	7.4	7.9	8.48	8.12	9.13	8.51
Conductivity(umhos/cm)	94	469	499	553	566	533	557	534	573	532	531	546	499
Total Phosphorus(mg/L)	665	0.04	0.02	0.02	0.08	0.09	0.03	0.05	0.1	0.03	0.14	0.08	0.04
Nitrate-N(mg/L)	620	0.92	0.92	1.2	1.29	0.95	0.7	1.2	1.1	1	1.3	1.25	1.8
Water Quality Index		86.94	90.4	84.6	26.27	0	0	42.19	6.07	76.9	21.42	79.97	79.95

TABLE 3 (Con't)

TNRCC Segment 1804  
 TNRCC Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/25/93	4/19/93	5/28/93	6/22/93	7/20/93	8/11/93	9/29/93	10/14/93	11/17/93	12/29/93	1/19/94	2/23/94
Flow (cfs)		1048	1023	888	1021	613	573	516	503	549	525	517	496
Fecal Coliform(org/100mL)	31616	61	64	375	258	28	96	22	170	44	58	56	144
Suspended Solids(mg/L)	530	3	6.1	3.6	6.1	5.2	2.8	4.7	2	2.6	1.8	2.3	3.3
Turbidity(NTU)	82079	2.7	4	3.6	6.3	2.4	1.7	2.1	1	1.7	1.7	1.8	6.8
pH	400	7.22	7.88	7.98	7.88	7.69	7.95	7.86	7.71	7.75	7.89	8.1	7.9
Temperature(C)	10	19.66	21.85	22.8	23.08	26.87	27.11	23.96	23.43	18.76	17.22	15.58	19.97
Dissolved Oxygen(mg/L)	300	9.06	9.51	8.73	7.63	9.77	10.1	12.8	8.33	8.48	8.82	9.37	8.9
Conductivity(umhos/cm)	94	543	532	524	509	549	549	560	619	559	545	560	600
Total Phosphorus(mg/L)	665	0.2	0.05	0.06	0.08	0.09	0.06	0.14	0.06	0.07	0.03	0.04	0.09
Nitrate-N(mg/L)	620	1.2	0.89	1.02	2	1.14	1.2	1.32	1.04	0.98	0.3	3	1.27
Water Quality Index		91	91.07	22.02	57.74	92.07	87.21	96.03	77.72	91.25	89.95	88.29	81.7

  

Parameter	Date and 24 hour time												
	Parameter Code	3/23/94	4/13/94	5/18/94	6/21/94	7/20/94	8/24/94	9/21/94	10/19/94	11/30/94	12/14/94	1/17/95	2/8/95
Flow (cfs)		560	548	1157									
Fecal Coliform(org/100mL)	31616	100	50	787	288	72	80	88	22600	36	112	48	32
Suspended Solids(mg/L)	530	2.4	2.7	27.7	12.6	9.5	9.4	10.7	201	8.4	7.6	8.3	8.5
Turbidity(NTU)	82079	2.5	6.1	16.4	6.5	5	5	6.3	156	5.3	5.4	4.6	4.4
pH	400	7.53	7.86	7.48	7.8	7.67	7.46	7.45	7.51	7.78	7.76	7.86	7.81
Temperature(C)	10	21.62	20.59	20.49	22.55	26.61	26.4	23.48	21.51	17.57	17.66	17.36	17.15
Dissolved Oxygen(mg/L)	300	7.79	8.75	7.41	8.62	7.46	6.17	5.92	6.18	9.29	8.57	8.67	8.98
Conductivity(umhos/cm)	94	520	519	491	475	551	564	561	233	522	510	491	583
Total Phosphorus(mg/L)	665	0.11	0.1	0.1	0.09	0.1	0.1	<0.01	0.37	0.05	0.09	0.11	0.08
Nitrate-N(mg/L)	620	1	1.2	1.2	0.88	1	1.2	1.6	1.18	0.84	1.49	0.74	1.28
Water Quality Index		87.64	91.19	0	51.05	87.3	85.92	86.09	0	91.7	85.49	90.24	90.97

  

Parameter	Date and 24 hour time												
	Parameter Code	3/15/95	4/27/95	5/31/95	6/13/95	7/18/95	8/22/95	9/26/95	10/16/95	11/28/95	12/19/95	1/9/96	2/13/96
Flow (cfs)													
Fecal Coliform(org/100mL)	31616	88	108	1900	132	582	204	6220	12	52	638	54	26
Suspended Solids(mg/L)	530	8.7	8	36.3	4.2	8.7	4.8	5.8	3.8	4.3	3.7	4.3	4.9
Turbidity(NTU)	82079	5.6	4.7	47	2.8	7.7	3.2	3	2	3	3.9	2.4	3.6
pH	400	7.87	8.02	7.63	8.1	7.93	8.03	8.02	8.06	8.16	8.28	8.29	8.15
Temperature(C)	10	19.46	20.39	20.97	21.15	24.84	26.64	23.62	21.52	17.93	17.68	12.92	17.52
Dissolved Oxygen(mg/L)	300	9.15	9.28	6.92	7.66	7.41	7.75	8.19	6.52	8.59	8	10.8	7.91
Conductivity(umhos/cm)	94	520	540	340	480	470	510	542	547	502	511	493	493
Total Phosphorus(mg/L)	665	0.13	0.12	0.13	0.09	0.1	0.18	0.08	0.11	0.13	0.18	0.06	0.14
Nitrate-N(mg/L)	620	1.08	0.98	0.72	0.62	1.2	0.64	1.48	1.23	1.34	1.25	1.28	1.4
Water Quality Index		88.48	86.12	0	81.63	0	68.23	0	88.85	88.75	0	87.26	88.86

TABLE 3 (Con't)

TNRCC Segment 1804  
 TNRCC Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/21/96 1004	4/24/96 1311	5/29/96 1025	6/26/96 1530	7/23/96 1511	8/20/97 1523	9/24/96 1443	10/14/96 941	11/4/96 912	12/9/96 859	1/20/97 855	2/17/97 825
Flow (cfs)									262	460	375	391	369
Fecal Coliform(org/100mL)	31616	10	16	308	275	156	628	28	56	86	78	40	58
Suspended Solids(mg/L)	530	4.9	3.4	6.8	10	38.0	25.7	5.2	7.1	5.8	7.4	7.2	8.4
Turbidity(NTU)	82079	2.9	0.73	3.7	4.2	9.5	22	5.0	4.5	5.1	5.5	2.6	5.4
pH	400	8.45	8.22	7.98	8.04	8.40	8.84	8.12	7.70	7.82	7.98	8.29	8.42
Temperature(C)	10	18.63	23.28	26.79	28.94	30.67	30.91	27.82	22.67	17.47	17.38	14.26	15.24
Dissolved Oxygen(mg/L)	300	9.22	7.64	6.43	11.76	17.18	18.34	9.33	7.53	8.54	8.55	9.47	10.02
Conductivity(umhos/cm)	94	500	568	527	619	615	618	539	544	487	517	518	531
Total Phosphorus(mg/L)	665	0.26	0.1	0.11	0.18	0.16	0.24	0.10	0.12	0.06	0.11	0.12	0.18
Nitrate-N(mg/L)	620	0.57	1.42	1.06	1.24	1.34	0.29	1.16	1.26	0.87	0.88	1.01	1.45
Chloride(mg/L)	940								29.1	19.1	40.2	29.9	30.6
Sulfate(mg/L)	945								32.9	28.0	30.8	26.8	33.0
Total Hardness(mg/L)	900								237	225	294	232	248
Ammonia-N(mg/L)	610								0.09		0.08		0.11
E. coli(org/100mL)	31648								14	16	52	2	40
Chlorophyll a(mg/m <sup>3</sup> )	32211								<1	<1	<1.0	<1.0	<1.0
Water Quality Index		88.66	88.88	40.49	53.37	79.73	0	89.02	89.76	87.98	87.61	87.25	86.44

Parameter	Date and 24 hour time												
	Parameter Code	3/18/97 853	4/21/97 857	5/13/97 900	6/16/97 910	7/15/97 908	8/18/97 1005	9/29/97 920	10/20/97 925	11/17/97 1001	12/9/97 1039	1/12/98 938	2/9/98 927
Flow (cfs)		1339	1157	1376	3092	5328	1098	674	501	493	552	1268	1476
Fecal Coliform(org/100mL)	31616	76	60	248	412	88	208	288	208	100	80	76	76
Suspended Solids(mg/L)	530	13.5	16.2	26.5	33.4	21.6	9.7	6.1	6.1	4.6	5.1	7.1	7.7
Turbidity(NTU)	82079	7.0	6.5	16.5	22	17	4.3	3.4	3.3	6	3.5	4.9	5.9
pH	400	8.50	7.82	8.08	7.55	7.53	7.85	7.88	7.82	7.98	7.95	7.81	7.21
Temperature(C)	10	16.84	19.70	18.74	22.43	22.35	25.20	24.13	21.68	16.76	18.12	16.40	15.64
Dissolved Oxygen(mg/L)	300	9.81	8.23	8.72	7.84	8.37	6.75	8.53	8.44	8.31	9.34	9.05	9.89
Conductivity(umhos/cm)	94	442	474	470	485	337	490	526	572	538	531	472	477
Total Phosphorus(mg/L)	665	0.04	<0.05	0.14	0.09	0.12	0.1	0.07	0.08	0.08	0.08	0.1	<0.05
Nitrate-N(mg/L)	620	0.60	0.76	0.7	0.54	0.48	0.86	0.91	1.35	1.5	1.2	0.88	0.54
Chloride(mg/L)	940	28.3	26.3	19.9	16.4	6	14.1	17.8	18.4	19	20.6	13	17.7
Sulfate(mg/L)	945	21.4	21.2	25.2	24.8	3.3	31.5	24.5	25.7	25.4	26.1	20.8	21.2
Total Hardness(mg/L)	900	194	199	181	246	177	196	310	322	304	221	222	214
Ammonia-N(mg/L)	610		0.13		0.09		0.08		0.04		0.05		0.1
E. coli(org/100mL)	31648	60	60	204	250	16	88	172	166	32	80	60	60
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	<1.0	<1.0	1.8	2.2	1.1	<1.0	<1.0	<1	<1.0	<1.0	<1.0
Water Quality Index		85.8	89.75	59.32	6.72	88.97	67.87	50.47	70.49	85.15	88.86	88.81	90.85

Parameter	Date and 24 hour time												
	Parameter Code	3/17/98 926	4/13/98 916	5/18/98 1015	6/10/98 1400	7/13/98 949	8/26/98 925	9/15/98 955	10/27/98 1535	11/10/98 1200	12/8/98 1440	1/11/99 1428	2/8/99 1332
Flow (cfs)		2446	1031	529	540	318	845	703	781	2720	3289	896	720
Fecal Coliform(org/100mL)	31616	1600	44	104	88	15	236	4600	8200	156	92	31	105
Suspended Solids(mg/L)	530	26	17.5	7.8	7.6	5.8	16.1	7.7	6.3	11.5	12	3	4.5
Turbidity(NTU)	82079	25.0	8.2	5.4	6.5	3.1	6	9.4	6	5.4	6.4	3.75	3.5
pH	400	8.20	8.14	7.95	7.76	7.68	7.69	7.89	7.27	7.80	7.37	7.48	7.49
Temperature(C)	10	17.26	20.11	23.42	25.13	27.84	23.89	23.28	22.64	20.10	18.64	16.80	21.22
Dissolved Oxygen(mg/L)	300	9.33	8.65	8.17	9.12	9.32	7.84	7.52	6.72	8.69	8.49	9.5	8.9
Conductivity(umhos/cm)	94	455	500	537	521	521	506	480	586	460	441	536	530
Total Phosphorus(mg/L)	665	0.12	0.07	0.17	0.01	0.02	0.15	<0.01	0.04	<0.01	<0.01	0.17	0.02
Nitrate-N(mg/L)	620	0.80	0.79	1.3	0.57	1.2	0.85	0.89	1.6	0.72	1.4	1.5	1.2
Chloride(mg/L)	940	11.4	17.8	21.4	20.2	21.1	18	18.9	21	15	14.9	16.8	17.1
Sulfate(mg/L)	945	25.1	22.4	25.1	23.7	23.1	24.6	23.5	27.2	22.8	16	24.7	21.6
Total Hardness(mg/L)	900	228	227	244	250	180	226	214	231	152	183	291	222
Ammonia-N(mg/L)	610		0.11		0.1		0.14		0.14		0.1		0.01
E. coli(org/100mL)	31648	1600	32	80	60	16	164	1100	1000	136	68	24	36
Chlorophyll a(mg/m <sup>3</sup> )	32211	2.2	2.6	<1.0	2.3	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2
Water Quality Index		0	89.39	85.34	88.56	91.41	63.45	0	0		89	92.68	88.45

TABLE 3 (Con't)

TNRCC Segment 1804  
 TNRCC Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/15/99	4/12/99	5/12/99	6/8/99	7/12/99	8/23/99	9/15/99	10/19/99	11/10/99	12/14/99	1/24/00	2/14/00
Flow (cfs)		572	618	541	520	711	417	336	338	417	332	320	338
Fecal Coliform(org/100mL)	31616	76	40	24	8	115	24	86	170	42	17	<1	15
Suspended Solids(mg/L)	530	6.9	5.2	4	8.6	11.0	8.4	6.8	12.8	13	7.7	7.3	7
Turbidity(NTU)	82079	4.6	3.6	4.7	6.8	10	4.5	4.8	6.5	6.7	7	6.3	5
pH	400	7.39	8.10	7.77	7.97	8.08	8.09	7.85	8.31	7.75	7.65	7.99	7.83
Temperature(C)	10	20.36	24.42	24.63	27.50	25.33	26.26	26.71	19.61	22.49	18.19	20.35	21.96
Dissolved Oxygen(mg/L)	300	8.85	9.56	9.2	8.3	8.08	7.16	10.29	8.41	9.03	9.44	8.78	8.76
Conductivity(umhos/cm)	94	564	537	555	527	468	525	526	517	564	537	547	521
Total Phosphorus(mg/L)	665	0.06	0.02	0.13	0.25	0.08	0.02	0.05	0.08	0.18	0.14	0.11	0.11
Nitrate-N(mg/L)	620	1.03	0.95	1.01	1.3	1.76	1.46	1.41	1.85	1.48	1.49	1.48	1.33
Chloride(mg/L)	940	17.4	18	22.3	20.7	12.2	22.9	24.1	18.2	26.2	24	24.9	21.8
Sulfate(mg/L)	945	23.6	23.4	25.3	25.1	22	24.2	24.7	23.9	28.8	23.6	23.8	27.6
Total Hardness(mg/L)	900	244	264	217	209	248	238	252	227	280	258	266	242
Ammonia-N(mg/L)	610		0.12		0.08		0.18		0.11		0.06		0.17
E. coli(org/100mL)	31648	48	18	14	6	<2.0	20	30	88	52	17	<1.0	12
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	<1.0	<1.0	2.4	1.2	2.4	1.3	<1.0	<1.0	<1.0	<1.0	<1.0
Water Quality Index		90.8	90.9	92.24	88.6	85.77	87.82	88.85	74.62	91.35	92.87	91.46	92.24

Parameter	Date and 24 hour time												
	Parameter Code	3/21/00	4/18/00	5/11/00	6/26/00	7/18/00	8/9/00	9/25/00	10/31/00	11/28/00	12/14/00	1/3/01	2/21/01
Flow (cfs)		326	93	93	106	212	167	135	363	2989	1402	1135	1474
Fecal Coliform(org/100mL)	31616	36	44	40	24	112	12	<4	32	106	88	26	108
Suspended Solids(mg/L)	530	7.1	5.2	9.1	8.2	12.9	22	14.5	12.7	14.9	15.8	12.2	11.2
Turbidity(NTU)	82079	5.8	4.9	6.5	5	6.3	7.8	2.7	8	16.5	10.5	8.3	6.5
pH	400	8.06	7.89	7.97	7.66	8.13	7.45	8.07	7.45	8.04	8.09	8.07	8.30
Temperature(C)	10	9.05	24.30	22.31	28.07	30.12	29.35	25.56	24.15	16.86	15.81	12.10	16.89
Dissolved Oxygen(mg/L)	300	9.05	7.74	8.68	9.28	15.09	13.42	7.39	8.6	11.82	10.81	11.03	10.26
Conductivity(umhos/cm)	94	556	583	423	399	540	541	600	536	412	471	468	490
Total Phosphorus(mg/L)	665	0.1	0.088	0.06	0.03	0.06	0.2	0.15	0.15	0.05	0.06	0.05	0.04
Nitrate-N(mg/L)	620	1.42	1.18	0.142	0.88	0.85	0.6	1.36	1.97	0.68	0.78	0.83	0.98
Chloride(mg/L)	940	23	16.7	15.5	15.9	28.2	33.4	31.7	23.9	15.6	16.1	18.5	17.4
Sulfate(mg/L)	945	26.9	19.2	21	22.9	32.2	27.7	30.2	27	12.3	10	24.8	24.4
Total Hardness(mg/L)	900	250	214	178	209	199	228	266	247	213	235	233	226
Ammonia-N(mg/L)	610		0.13		0.15		0.25		0.16		0.12		0.02
E. coli(org/100mL)	31648	34	60	32	14	80	8	<4	20	8	72	24	108
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	1.1	<1.0	1.7	62.7	64.3	6.4	<1	<1	<1	<1	<1
Water Quality Index													

Parameter	Date and 24 hour time												
	Parameter Code	3/15/01	4/9/01	5/1/01	6/19/01	7/9/01	8/15/01	9/12/01	10/10/01	11/19/01	12/19/01	1/21/02	2/14/02
Flow (cfs)		1654	1345	1359	556	528	346	1453	561	1922	2620	839	754
Fecal Coliform(org/100mL)	31616	88	38	32	25	30	25	290	174	720	**		
Suspended Solids(mg/L)	530	15.7	8.9	9.4	6.6	4.2	6	22.1	14.4	14.1	16.2	1.9	8.3
Turbidity(NTU)	82079	9.2	3.7	8.6	3.7	5.3	3.3	15.0	11.5	7.9	6.7	3.5	5.1
pH	400	8.12	8.07	8.12	7.75	7.84	7.82	8.17	7.69	7.74	7.83	8.03	8.30
Temperature(C)	10	16.04	23.51	20.03	25.84	26.62	27.92	21.58	22.26	20.91	16.86	17.14	17.76
Dissolved Oxygen(mg/L)	300	11.1	9.81	10.04	9.72	8.7	8.59	9.23	8.32	9.08	9.99	9.67	10.22
Conductivity(umhos/cm)	94	477	481	503	585	557	535	497	521	538	460	529	525
Total Phosphorus(mg/L)	665	0.09	0.04	0.07	0.04	0.02	0.08	0.03	0.07	0.05	0.18	0.08	0.08
Nitrate-N(mg/L)	620	0.78	0.83	0.86	1.06	1.38	1.32	0.74	0.99	0.73	0.77	1.2	1
Chloride(mg/L)	940	17.7	18.4	16.8	26.3	25.9	17.2	17.2	20.1	14.5	14.5	20.3	17
Sulfate(mg/L)	945	24.8	26.2	21.1	24.7	24.4	22.9	22.4		22.6	22.2	20.6	18
Total Hardness(mg/L)	900	215	338	246	251	270	241	254	250	264	258	266	273
Ammonia-N(mg/L)	610		0.02		<0.02		0.05		0.04		<0.02		<0.02
E. coli(org/100mL)	31699	22	<2	12	5	26	6	50	138	460	44	36	37
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	1.1	<1	<1.0	<1	<1	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218										1.7	1.6	3.9

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



TABLE 3 (Con't)

TCEQ Segment 1804  
 TCEQ Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/11/05 1437	4/4/05 1122	5/6/05 1125	6/3/05 1205	7/8/05 1351	8/3/05 1145	9/13/05 1327	10/3/05 1424	11/3/05 1305	12/1/05 1424	1/3/06 1500	2/3/06 1510
Flow (cfs)		2249	1112	772	1556	691	628	579	448	446	425	414	429
E. coli(org/100mL)	31699	68	31	36	80	55	24	96	21	27	25	23	760
Suspended Solids(mg/L)	530	6	6.8	7.5	7.7	3.4	2.7	4	3.3	6.7	2.7	5.7	7.7
Turbidity(NTU)	82079	5.9	7.1	6	7.8	4.4	2.9	4.8	3.1	4.8	4	3.7	6
pH	400	7.93	7.74	7.71	7.82	7.82	7.74	7.84	7.75	7.92	7.96	7.90	7.92
Temperature(C)	10	16.2	19.30	21.90	21.80	27.10	26.3	25.1	25.8	20.9	19.3	20.1	20.1
Dissolved Oxygen(mg/L)	300	11.7	9.76	9.51	7.9	9.46	9.41	9.3	6.59	10.62	10.9	10.3	11.7
Conductivity(umhos/cm)	94	494	540	555	496	546	541	533	523	554	548	549	553
Total Phosphorus(mg/L)	665	<0.05	0.08	<0.05	0.06	<0.05	0.05	<0.05	0.06	<0.05	<0.05	<0.05	0.06
Nitrate-N(mg/L)	620	0.84	1.16	1.18	0.97	1.29	1.39	1.37	1.43	1.53	1.59	1.53	1.43
Chloride(mg/L)	940	13.3	15.1	15.3	14.9	17.7	17.5	16.9	17.6	17.6	17.9	18.6	18.3
Sulfate(mg/L)	945	20.5	22.4	22.9	21.6	23.6	23.2	22.9	22.8	23.0	23.4	26.5	25.9
Total Hardness(mg/L)	900	249	261	260	241	252	262	261	279	288	272	279	274
Ammonia-N(mg/L)	610	0.03	0.05	0.02	0.04	0.04	0.02		0.05		0.1		0.03
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	1.1	<1	<1	<1	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<3	<3	<3	<3	<3	<3	<3	<1	<1	<1	<1	<1

Parameter	Date and 24 hour time												
	Parameter Code	3/1/06 1306	4/3/06 1515	5/3/06 1524	6/6/06 1540	7/11/06 1546	8/8/06 1438	9/7/06 1328	10/11/06 1558	11/2/06 1353	12/4/06 1445	1/10/07 1522	2/7/07 1441
Flow (cfs)		427	397	393	325	295	205	216	259	259	292	347	389
E. coli(org/100mL)	31699	75	30	649	4	78	12	41	94	62	22	70	61
Suspended Solids(mg/L)	530	6	4.3	11.7	3.3	10.7	5.7	4.7	2.7	10	3.7	6	12.3
Turbidity(NTU)	82079	6.7	4.2	15.8	4.2	9.9	3.8	4.1	3.3	7.4	2.8	5.8	8.4
pH	400	8.19	7.97	7.95	8.01	7.81	8.22	7.79	7.87	7.99	7.86	7.90	7.85
Temperature(C)	10	17.8	24.8	24.3	26.2	26.9	28.2	25.2	24.1	20.9	17.7	17.8	19.3
Dissolved Oxygen(mg/L)	300	10.9	8.89	8.74	11.3	8.58	11.6	7.74	8.64	9.12	10.2	9.98	10.9
Conductivity(umhos/cm)	94	418	539	435	528	553	526	547	539	557	524	583	590
Total Phosphorus(mg/L)	665	<0.05	0.06	0.06	0.1	0.08	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	0.05
Nitrate-N(mg/L)	620	0.09	1.32	1.22	1.09	1.3	1.08	1.37	1.51	1.62	1.52	1.22	1.42
Chloride(mg/L)	940	15.4	18.6	15.6	19.7	19.6	19.7	19.5	19.2	18.7	18.6	19.4	18.7
Sulfate(mg/L)	945	23.5	26.1	21.2	30.1	27.6	24.9	24.9	25.2	24.1	24.6	25.9	27.5
Total Hardness(mg/L)	900	165	216	266	258	265	260	250	235	264	282	274	255
Ammonia-N(mg/L)	610		<0.02		0.02		0.03		<0.02		0.03		<0.02
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	1.8	22	1.9	1.4	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	1.9	1.5	<1	<1	1.8	<1	<1	<1	<1	<1	<1

Parameter	Date and 24 hour time												
	Parameter Code	3/5/07 1547	4/2/07 1329	5/7/07 1406	6/11/07 1547	7/10/07 1427	8/8/07 1356	9/17/07 1505	10/10/07 1449	11/12/07 1339	12/10/07 1551	1/9/08 1318	2/12/08 1326
Flow (cfs)	00061	325	1489	2232	2614	1335	5200	2473	1353	768	754	629	603
E. coli(org/100mL)	31699	7	190	77	64	108	64	55	70	112	100	53	63
Suspended Solids(mg/L)	00530	5.3	28.7	20	13.7	16.7	19	4	2	<1	1.3	2.3	4.7
Turbidity(NTU)	82079	4.9	16.9	12.5	5.66	8.7	12.9	4.5	1.63	2.52	2.77	1.87	2
pH	00400	8	7.98	7.92	7.88	7.71	7.78	7.80	7.84	7.77	7.93	7.85	7.95
Temperature(C)	00010	19.4	18.50	18.20	21.40	25.20	25.20	25.70	26.10	22.40	19.60	20.20	20.40
Dissolved Oxygen(mg/L)	00300	11.5	9.06	10.7	11.1	9.62	8.76	8.69	10.2	11.9	9.77	10.4	11.1
Conductivity(umhos/cm)	00094	586	481	490	463	519	449	490	532	528	560	571	517
Total Phosphorus(mg/L)	00665	0.12	<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)	00620	1.42	0.55	0.45	0.54	0.94	0.3	0.78	0.99	1.3	0.94	1.45	1.47
Chloride(mg/L)	00940	17.3	15.5	9.6	14.7	15.4	10.8	12.2	15	18.3	15.4	15.4	16.9
Sulfate(mg/L)	00945	25.9	23.7	22.5	21.1	21.4	15.2	18.9	22.7	26.7	22.3	22.2	25.4
Total Hardness(mg/L)	00900	264	216	215	231	228	210	247	258	252	277	255	263
Ammonia-N(mg/L)	00610		0.03		0.03		0.03		<0.1		<0.1		<0.10
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0
Total Kjeldahl Nitrogen(mg/L)	00625								<0.5		<0.5		

TABLE 3 (Con't)

TCEQ Segment 1804  
 TCEQ Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/11/08 1624	4/8/08 1457	5/6/08 1253	6/9/08 1328	7/2/08 1454	8/5/08 1510	9/8/08 1517	10/6/08 1421	11/11/08 1408	12/3/08 1516	1/5/09 1230	2/2/09 1309
Flow (cfs)	00061	671	500	471	482	449	448	508	288	321	308	312	280
E. coli(org/100mL)	31699	130	50	340	35	580	15	24	39	61	12	110	42
Suspended Solids(mg/L)	00530	3	<1	1.7	3.3	5.7	3	4.7	2.3	2	1.3	2.3	2.7
Turbidity(NTU)	82079	2.46	2.01	2.4	4.3	4.5	3.7	0.17	0.19	1.55	3.7	2.7	
pH	00400	7.9	7.9	7.9	8.0	7.8	8.1	8.0	8.2	7.9	7.7	7.7	8.1
Temperature(C)	00010	19.1	24.4	23.7	26.5	25.6	27.1	26.2	23.9	22.5	19.1	18.4	18.8
Dissolved Oxygen(mg/L)	00300	10.3	10.4	10.3	11.4	10.8	9.2	11.2	11.3	10.1	10.6	10.6	11.6
Conductivity(umhos/cm)	00094	635	530	529	511.0	500	516	514	553	558	552	546	555
Total Phosphorus(mg/L)	00665	<0.05	<0.05	0.05	0.1	0.05	0.05	<0.05	<0.05	0.09	0.08	0.05	0.05
Nitrate-N(mg/L)	00620	1.46	1.27	1.28	1.1	1.11	1.14	1.03	1.49	1.42	1.56	1.48	1.41
Chloride(mg/L)	00940	17.7	16.9	18.5	16.9	18.3	18.8	17.5	19	20.4	17.7	19.3	19.6
Sulfate(mg/L)	00945	25.3	24.9	26.5	24.2	24.7	25.6	22.2	26.4	27.6	23.6	25.1	26.4
Total Hardness(mg/L)	00900	268	263	266	243.0	244	248	217	266	267	271	266	276
Ammonia-N(mg/L)	00610		<0.1		<0.1		0.14		<0.1		0.1		0.11
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen(mg/L)	00625		<0.2		0.2		0.21		<0.2		<0.2		0.22

Parameter	Date and 24 hour time												
	Parameter Code	3/9/09 1435	4/8/09 1353	5/4/09 1459	6/1/09 1504	7/07/09 1313	8/05/09 1346	09/08/09 1236	10/07/09 1428	11/09/09 1326	12/02/09 1458	1/11/10 1437	2/10/10 1312
Flow (cfs)	00061	237	273	313	213	184	148	122	515	560	551	435	710
E. coli(org/100mL)	31699	16	14	15	650	21	46	6	540	>2420	2420	42	80
Suspended Solids(mg/L)	00530	2.7	13.7	4	5	3.3	7.7	2.7	15.7	4	11.7	4.7	11.7
Turbidity(NTU)	82079	0.14	5.2	1.4	1.3	2.9	4.9	2.8	13.5	6.3	14.8	1.4	6.9
pH	00400	8	8.10	7.90	8.00	8.20	8.40	7.90	7.80	7.80	7.80	7.90	7.80
Temperature(C)	00010	22.9	20.9	24.8	26.8	29.6	29.6	27.4	25.1	22	17.3	15.6	16.6
Dissolved Oxygen(mg/L)	00300	10.1	12.8	9.8	11	15.3	14.8	10	6.3	6.1	9.9	9.3	11.4
Conductivity(umhos/cm)	00094	543	534	532	548	509	519	551	452	534	523	552	552
Total Phosphorus(mg/L)	00665	0.06	0.08	0.08	0.05	0.08	0.1	0.14	0.08	0.08	0.08	0.09	0.05
Nitrate-N(mg/L)	00620	1.24	1.37	1.25	1.51	0.97	0.86	1.59	1.37	1.4	1.38	1.4	1.17
Chloride(mg/L)	00940	19.3	21.4	20.3	19.4	22.5	20.1	19.5	10.4	18.5	18.3	20.1	17
Sulfate(mg/L)	00945	26.2	28	27.7	25	24.5	26.1	24.2	16.6	24.1	27.7	29.1	26.3
Total Hardness(mg/L)	00900	2732	280	259	272	245	250	268	222	267	262	289	275
Ammonia-N(mg/L)	00610		<0.1		<0.1		0.13		0.15		0.15		<0.1
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	3.1	<1	1.1	4.8	27.4	2.3	<1	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	1.2	<1	<1	<1	4.8	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen(mg/L)	00625		0.22		0.36		0.55		0.47		0.28		0.33

Parameter	Date and 24 hour time												
	Parameter Code	3/2/10 1430	4/6/10 1426	5/3/10 1338	6/8/10 1318	7/7/10 1601	8/2/10 1423	9/13/10 1347	10/5/10 1401	11/16/10 1440	12/3/10 1339	1/4/11 1541	2/14/11 1519
Flow (cfs)	00061	1410	807	996	871	1124	643	1261	644	486	477	441	427
E. coli(org/100mL)	31699	45	52	50	110	80	9	240	74	62	59	170	40
Suspended Solids(mg/L)	00530	8.3	10	6	9	4.7	3	14.3	9.2	2.2	3.8	4.2	2
Turbidity(NTU)	82079	5.6	9.7	7.8	7.8	2.3	4.8	13.2	7	2.4	3.6	2.6	2.3
pH	00400	8	7.80	7.90	7.90	7.90	7.8	7.80	8.00	7.90	7.80	7.80	7.90
Temperature(C)	00010	14.6	21.40	20.60	23.90	26.60	26.00	24.20	22.50	20.50	19.10	18.20	18.60
Dissolved Oxygen(mg/L)	00300	11.8	12.8	9.2	7.6	8.4	9.60	7.5	9.1	9.1	9.3	9.2	11.4
Conductivity(umhos/cm)	00094	490	530	510	523	537	537	507	543	560	558	552	540
Total Phosphorus(mg/L)	00665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.05	0.05	0.06	0.05	0.05	0.06
Nitrate-N(mg/L)	00620	0.79	0.92	1.03	1.03	1.07	1.18	1.01	1.26	1.55	1.6	1.51	1.5
Chloride(mg/L)	00940	18.5	17.8	17.9	18.3	13.3	19.8	17.4	17.5	18.4	18.9	19.3	19.4
Sulfate(mg/L)	00945	25.1	26.3	25.3	25.2	19.5	26.1	24.1	22.4	24.2	24.8	25.1	25.1
Total Hardness(mg/L)	00900	235	256	238	252	247	263	268	274	283	278	259	253
Ammonia-N(mg/L)	00610		0.12		0.2		0.13		0.15		<0.1		0.14
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen(mg/L)	00625		0.22		0.29		0.33		<0.2		<0.2		0.27



TABLE 3 (Con't)

TCEQ Segment 1804  
 TCEQ Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/1/11 1435	4/6/11 1521	5/9/11 1527	6/1/11 1610	7/7/11 1603	8/3/11 1403	9/6/11 1710	10/12/11 1428	11/2/11 1358	12/7/11 940	1/3/2012 1531	2/8/2012 1512
Flow (cfs)	00061	410	321	224	194	110	125	150	228	204	265	272	356
E. coli(org/100mL)	31699	130	17	17	9	6	26	20	82	26	260	72	490
Suspended Solids(mg/L)	00530	4.6	5.7	5.8	3.1	3.8	6.1	10.4	4.4	3.3	5.7	3.7	16.6
Turbidity(NTU)	82079	2.8	3.8	2.6	2.9	2.6	3	9.2	3.3	2.3	2.7	4	11.7
pH	00400	8.0	7.9	8.0	8.1	8.1	8.1	8	7.8	7.9	7.8	8	7.8
Temperature(C)	00010	21.3	21.9	26.1	28.2	30.6	29.7	27.7	24.2	21.9	15.3	17.4	18.4
Dissolved Oxygen(mg/L)	00300	11.0	9.4	10.1	10.2	13.6	15.1	10.1	8.4	11.2	9.9	10.2	9.3
Conductivity(umhos/cm)	00094	540	552	562	545.0	559	510	537	551	565	577	608	562
Total Phosphorus(mg/L)	00665	0.09	0.07	0.07	0.1	0.06	0.07	0.11	0.08	0.06	0.07	0.05	0.04
Nitrate-N(mg/L)	00620	1.44	1.4	1.65	1.49	1.01	0.93	1.2	1.49	1.41	2.04	1.67	1.64
Chloride(mg/L)	00940	20.3	20.4	20.6	21.5	22	21.2	22.1	16.3	23.1	21.4	22.8	20.2
Sulfate(mg/L)	00945	26.9	26.1	26	26.4	26.2	24.5	27	21.4	30	28	29.8	28.2
Total Hardness(mg/L)	00900	262	270	266	278.0	240	240	264	250	254	270	282	271
Ammonia-N(mg/L)	00610		0.13		0.14		0.32	<0.1		0.15		0.23	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	3.1	6.2	18.3	15.2	8	<1	<1	<1	<1.0	<1.0
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	2.8	1.3	<1	<1	<1	<1	<1.0	<1.0
Total Kjeldahl Nitrogen(mg/L)	00625		0.29		0.25		0.59	0.43	0.26	0.2	0.28	0.24	0.26

Parameter	Date and 24 hour time												
	Parameter Code	3/5/12 1556	4/9/12 1354	5/1/12 1503	6/13/12 1534	7/9/12 1527	8/13/12 1422	9/4/12 1504	10/16/12 1548	11/7/12 1513	12/12/12 1511	1/8/13 1446	2/5/13 1331
Flow (cfs)	00061	387	344	231	275	219	136	134	237	198	204	237	211
E. coli(org/100mL)	31699	35	27	13	20	3	8	4	79	6	40	93	31
Suspended Solids(mg/L)	00530	10	8	3.9	4.9	3.3	6.4	3.5	5.4	2.2	4.75	6.29	4.9
Turbidity(NTU)	82079	6.2	5.8	1.6	1.2	2	5.2	3.3	3.6	1.6	4.5	6.9	5.4
pH	00400	8.1	7.90	7.90	7.90	7.90	7.90	7.80	7.60	7.50	7.70	8.00	7.90
Temperature(C)	00010	20.5	24.5	25	28.1	29.9	28.7	27.9	19.9	23.1	17.3	16.5	21.4
Dissolved Oxygen(mg/L)	00300	9.7	8.5	7.9	8.6	9.3	9.9	8.9	8.7	9.7	10.4	9	8.8
Conductivity(umhos/cm)	00094	568	588	578	576	570	559	563	518	560	577	549	567
Total Phosphorus(mg/L)	00665	0.04	0.05	0.07	0.05	0.06	0.06	0.05	0.06	0.05	0.07	0.07	0.07
Nitrate-N(mg/L)	00620	1.66	1.45	1.43	1.27	1.25	1.3	1.47	1.51	1.55	1.6	1.49	1.58
Chloride(mg/L)	00940	22.1	21.7	20.5	21.9	22	23.3	23.2	22.5	21.9	23	22.2	22.1
Sulfate(mg/L)	00945	29.5	28.7	27.7	28.2	28.9	28.9	29.3	30.8	29.1	30.5	30.2	30.2
Total Hardness(mg/L)	00900	284	270	274	255	259	248	259	260	259	266	264	263
Ammonia-N(mg/L)	00610	0.25		0.19		0.12		0.2		0.17		0.18	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	2.5	8.4	12.7	<1	<1	<1	<1	<1	1.42
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	3.9	4.4	<1	2.08	<1	9.25	5.8	<1
Total Kjeldahl Nitrogen(mg/L)	00625	0.28	0.32	<0.2	<0.2	0.33	0.29	0.32	0.37	<0.2	<0.2	0.21	<0.2

Parameter	Date and 24 hour time												
	Parameter Code	3/19/13 1357	4/10/13 1523	5/6/13 1647	6/3/13 1452	7/9/13 1427	8/5/13 1459	9/9/13 1432	10/8/13 1530	11/4/13 1618	12/2/13 1503	1/15/14 1330	2/4/14 1422
Flow (cfs)	00061	183	37	169	321	157	101	95	152	389	239	189	173
E. coli(org/100mL)	31699	13	70	15	75	130	10	25	24	410	89	12	30
Suspended Solids(mg/L)	00530	4.4	7.2	4.3	6.5	6.0	6.8	6.4	3	12.6	5.9	4.20	6.10
Turbidity(NTU)	82079	3	4.4	3.35	6.6	3.5	4.5	4.7	2.9	5.2	3.4	3.4	3.0
pH	00400	7.8	8.00	8.10	7.80	7.80	8.00	7.90	8.00	7.90	7.80	7.7	7.8
Temperature(C)	00010	23.3	22.1	22.8	27.9	28.1	29.5	28.4	25.2	20	19.3	17.4	16.7
Dissolved Oxygen(mg/L)	00300	9.8	8.4	9.8	7.3	9.7	9	9.6	8.2	8.1	8.6	9.1	8.9
Conductivity(umhos/cm)	00094	562	541	539	539	564	560	525	547	540	568	595	606
Total Phosphorus(mg/L)	00665	0.06	0.06	0.06	0.07	0.1	0.06	0.08	0.08	0.04	0.06	0.08	0.14
Nitrate-N(mg/L)	00620	1.49	1.26	1.33	1.18	1.23	1.23	0.83	1.49	1.34	1.42	1.37	1.64
Chloride(mg/L)	00940	22.9	23.6	20.3	19.9	24.8	25.5	25.5	23.4	17.9	22.4	23.6	24.8
Sulfate(mg/L)	00945	30.9	30.9	26.6	25.7	31	31.1	30.3	31.1	25.2	30.4	34.0	33.4
Total Hardness(mg/L)	00900	252	246	258	246	250	252	228	244	264	265	265	263
Ammonia-N(mg/L)	00610	0.13		0.19		0.21		0.13		0.13		0.12	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	<1	15.3	6.44	27.5	2.2	<1	<1	<1.0	<1.0
Pheophytin (mg/m <sup>3</sup> )	32218	<1	<1	1.19	<1	1.19	<1	4.92	<1	<1	4.52	<1.0	<1.0
Total Kjeldahl Nitrogen(mg/L)	00625	<0.2	0.45	0.39	0.5	0.33	0.22	0.23		0.41		<0.20	

TABLE 3 (Con't)

TCEO Segment 1804  
 TCEO Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/11/14	4/8/14	5/5/14	6/9/14	7/1/14	8/4/14	9/2/14	10/7/14	11/11/14	12/2/14	1/6/15	2/2/15
Flow (cfs)	00061	176	145	100	163	125	59	34	64	205	143	158	209
E. coli(org/100mL)	31699	42	18	22	18	38	140	31	20	91	150	61	290
Suspended Solids(mg/L)	00530	8.56	4.50	3.10	2.20	3.70	10.8	9.70	3.90	10.1	10.1	4.00	16.3
Turbidity(NTU)	82079	6.4	4.7	3.5	3.0	2.1	7.9	8.6	4.4	8.6	6.2	3.0	10.6
pH	00400	7.9	7.8	8.0	7.8	7.8	7.8	7.8	8.2	8.0	7.6	7.7	7.9
Temperature(C)	00010	18.3	20.5	23.9	27.0	28.5	29.6	30.2	26.9	19.0	18.0	14.6	17.6
Dissolved Oxygen(mg/L)	00300	8.9	8.1	9.8	8.4	10.0	9.8	8.6	7.9	6.4	7.3	9.2	8.6
Conductivity(umhos/cm)	00094	571	586	565	551	562	584	520	563	526	590	555	568
Total Phosphorus(mg/L)	00665	0.08	0.08	0.04	0.07	0.06	0.07	0.05	0.07	<0.02	0.09	0.04	0.13
Nitrate-N(mg/L)	00620	1.44	1.56	1.46	1.33	1.28	1.07	0.77	1.05	1.19	1.40	1.28	1.445
Chloride(mg/L)	00940	25.8	25.0	26.2	23.8	25.8	26.2	29.3	28.3	21.9	9.42	27.0	23.4
Sulfate(mg/L)	00945	35.1	32.7	32.4	30.1	32.6	30.7	31.5	31.2	29.4	9.7	34.0	30.1
Total Hardness(mg/L)	00900	255	262	246	253	256	246	230	251	230	265	258	262
Ammonia-N(mg/L)	00610	0.37		0.29		0.36		0.11		0.38		0.32	
Chlorophyll a(mg/m <sup>3</sup> )	32211	---	<1.0	3.38	5.07	8.22	14.7	21.4	23.7	<1.00	<1.0	<1.0	1.01
Pheophytin (mg/m <sup>3</sup> )	32218	---	<1.0	<1.0	<1.0	<1.0	2.6	1.99	1.42	<1.00	<1.0	<1.0	<1.0
Total Kjeldahl Nitrogen(mg/L)	00625	0.424		0.281		0.59		0.55		0.33		0.37	

Parameter	Date and 24 hour time												
	Parameter Code	3/9/15	4/6/15	5/6/15	6/8/15	7/6/15	8/4/15	9/1/15	10/19/15	11/11/15	12/1/15	1/4/16	2/8/16
Flow (cfs)	00061	425		380	5211	843	528	372	205	1654	994	714	
E. coli(org/100mL)	31699	180	140	65	65	160	24	17	16	550	320	93	65
Suspended Solids(mg/L)	00530	8.40	5.30	12.1	27.6	8.90	4.30	3.90	6.70	7.60	6.80	5.20	4.9
Turbidity(NTU)	82079	8.1	3.8	10.1	27.3	5.8	4.6	3.8	4.5	7.4	5.2	5.2	4.6
pH	00400	7.7	7.9	7.5	7.9	7.8	7.8	7.5	7.8	7.9	7.9	8.0	7.9
Temperature(C)	00010	17.3	21.9	24.1	18.3	25.4	27.4	26.3	23.5	22.2	17.6	17.3	17.8
Dissolved Oxygen(mg/L)	00300	8.7	7.8	8.3	11.0	8.0	8.1	8.8	8.6	7.9	9.4	9.8	10.2
Conductivity(umhos/cm)	00094	549	574	595	393	500	538	548	577	451	527	533	541
Total Phosphorus(mg/L)	00665	0.09	0.04	0.04	<0.02	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.02
Nitrate-N(mg/L)	00620	1.46	0.15	1.25	0.36	1.15	1.03	1.19	1.43	0.71	1.11	1.09	1.24
Chloride(mg/L)	00940	23.8	27.6	23.4	16.3	17.3	18.7	19.8	22.0	15.6	16.8	19.7	21.9
Sulfate(mg/L)	00945	31.7	35.1	29.2	19.2	23.6	23.2	24.0	28.5	19.2	22.7	26.3	28.2
Total Hardness(mg/L)	00900	251	262	279	204	238	248	268	272	209	254	247	272
Ammonia-N(mg/L)	00610	0.29		0.10		0.14		0.17		0.12		0.13	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	<1.0	<1.0	1.19	<1.00	1.48	1.51	1.54	<1.00	<1.00	<1.00	<1.0
Pheophytin (mg/m <sup>3</sup> )	32218	<1.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.0
Total Kjeldahl Nitrogen(mg/L)	00625	0.56		0.31		0.27		0.60		0.32		0.34	

Parameter	Date and 24 hour time												
	Parameter Code	3/7/16	4/5/16	5/3/16	6/7/16	7/11/16	8/2/16	9/19/16	10/10/16	11/16/16	12/14/16	1/9/17	2/28/17
Flow (cfs)	00061	413	549	1503	5238	1130	819	638	633	646	781	752	1550
E. coli(org/100mL)	31699	100	50	31	97	100	32	20	61	210	240	250	200
Suspended Solids(mg/L)	00530	6.50	5.10	5.80	7.30	4.10	2.00	3.60	5.00	8.50	7.90	5.70	7.80
Turbidity(NTU)	82079	4.4	4.3	5.6	12.8	0.5	3.1	3.9	4.3	7.6	8.1	6.1	9.3
pH	00400	7.9	7.9	7.8	7.7	7.6	7.5	7.6	7.7	7.6	7.7	7.6	7.7
Temperature(C)	00010	21.2	21.6	18.9	21.6	26.0	26.7	27.3	23.5	22.2	19.8	16.4	18.8
Dissolved Oxygen(mg/L)	00300	9.4	9.7	9.2	8.7	7.7	7.9	8.2	8.7	10.1	8.7	9.8	8.8
Conductivity(umhos/cm)	00094	554	535	479	430	543	566	577	567	577	549	552	490
Total Phosphorus(mg/L)	00665	0.04	0.03	0.02	0.02	0.03	0.04	0.05	0.05	0.05	0.04	0.04	0.02
Nitrate-N(mg/L)	00620	1.36	1.24	0.77	0.44	1.22	1.36	1.63	1.71	1.71	1.35	1.40	0.79
Chloride(mg/L)	00940	20.8	20.1	17.7	15.2	16.8	18.4	19.5	20.2	19.3	20.2	19.4	17.7
Sulfate(mg/L)	00945	26.7	25.3	22.0	18.5	21.6	22.8	24.6	25.4	25.0	27.0	24.4	23.0
Total Hardness(mg/L)	00900	249	249	221	202	253	260	263	261	272	258	264	298
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	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen(mg/L)	00625	0.58		0.21		0.22		<0.20		<0.20		0.26	

TABLE 3 (Con't)

TCEQ Segment 1804  
 TCEQ Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time												
	Parameter Code	3/14/17	4/17/17	5/10/17	6/7/17	7/17/17	8/16/17	9/14/17	10/3/17	11/1/17	12/4/17	1/17/18	2/20/18
Flow (cfs)	00061	955	1189	662	524	~	326	289	401	357	309	321	318
E. coli(org/100mL)	31699	100	250	200	32	17	28	23	190	190	68	130	280
Suspended Solids(mg/L)	00530	8.80	8.50	2.80	1.70	3.50	8.60	5.50	3.90	2.30	3.30	4.30	2.7
Turbidity(NTU)	82079	9.3	7.8	5.7	1.9	5.0	6.5	4.2	3.9	2.2	4.2	3.2	2.2
pH	00400	7.6	7.6	7.5	7.7	7.8	8.2	7.8	7.8	7.8	7.8	7.9	7.9
Temperature(C)	00010	19.3	21.3	22.7	25.3	27.7	27.6	25.0	25.3	20.6	22.0	15.0	21.6
Dissolved Oxygen(mg/L)	00300	8.5	8.7	8.1	9.0	9.1	8.6	8.3	8.0	8.8	11.8	9.6	8.5
Conductivity(umhos/cm)	00094	559	525	561	570	590	527	580	572	571	576	559	564
Total Phosphorus(mg/L)	00665	0.03	0.03	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.07	0.04	<0.02
Nitrate-N(mg/L)	00620	1.25	1.04	1.59	1.49	1.71	1.41	1.96	1.82	1.87	1.89	1.81	1.96
Chloride(mg/L)	00940	18.8	19.8	21.8	20.5	21.0	20.1	21.1	19.9	20.6	20.6	21.2	22.6
Sulfate(mg/L)	00945	26.3	21.8	28.4	29.6	26.2	26.4	28.3	26.9	26.8	27.0	28.9	29.8
Total Hardness(mg/L)	00900	258	243	263	259	266	262	272	266	267	273	271	12
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	<1.00	<1.00	<1.00	<1.00	4.00	2.28	1.01	<1.00	<1.00	<1.00	<1.00	<1.00
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	1.05	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen(mg/L)	00625	0.328		0.29		0.20		<0.20		<0.20		<0.20	

Parameter	Date and 24 hour time												
	Parameter Code	3/8/18	4/9/18	5/3/18	6/7/18	7/9/18	8/1/18	9/6/18	10/8/18	11/5/18	12/4/18	1/2/19	2/4/19
Flow (cfs)	00061	306	351	299	215	219	173	229	418	2.9	796	1334	1080
E. coli(org/100mL)	31699	66	68	56	12	200	93	61	1100	690	69	220	120
Suspended Solids(mg/L)	00530	9.30	8.40	4.10	2.30	6.80	6.20	4.40	4.90	12.10	8.40	9.20	6.3
Turbidity(NTU)	82079	8.5	5.8	2.9	2.9	3.8	4.5	3	3.7	9.5	5.2	6.0	3.7
pH	00400	7.9	7.8	7.9	7.9	7.8	8.0	8.1	7.8	7.8	7.8	7.8	7.7
Temperature(C)	00010	20.8	20.3	24.9	28.3	27.3	28.6	28.4	25.2	19.1	17.9	14.7	17.9
Dissolved Oxygen(mg/L)	00300	9	8.8	8.3	9.0	7.8	10.3	10.3	7.2	9	10.7	7	9.1
Conductivity(umhos/cm)	00094	568	576	579	574	556	545	527	540	452	531	488	499
Total Phosphorus(mg/L)	00665	0.04	0.06	0.06	0.05	0.07	0.06	0.06	0.06	0.03	0.04	0.03	0.02
Nitrate-N(mg/L)	00620	1.84	2.05	1.94	1.76	1.93	1.59	1.44	1.77	1.03	1.30	0.89	1.06
Chloride(mg/L)	00940	21.6	21.8	22.8	25.2	23.5	24.2	23.8	20.8	16.3	20.2	18.8	19.9
Sulfate(mg/L)	00945	28.6	27.8	30.2	29.1	28.2	29.3	28.3	26.1	20.4	25.2	23.7	24.1
Total Hardness(mg/L)	00900	271	273	273	267	257	251	233	259	224	263	242	241
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	<1.00	<1.00	<1.00	5.81	6.79	17.7	29.2	<1.00	<1.00	<1.00	<1.00	<1.00
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	<1.00	<1.00	<1.00	2.09	2.83	<1.00	<1.00	<1.00	2.47	<1.00
Total Kjeldahl Nitrogen(mg/L)	00625	0.41		<0.20		0.32		0.42		0.35		0.23	

Parameter	Date and 24 hour time												
	Parameter Code	3/12/19	4/22/19	5/22/19	6/5/19	7/1/19	8/27/19	9/9/19	10/2/19	11/4/19	12/17/19	1/9/20	2/12/20
Flow (cfs)	00061	873	523	2080	695	775	473	440	410	359	415	335	463
E. coli(org/100mL)	31699	160	82	200	870	200	270	>2400	53	110	110	250	1600
Suspended Solids(mg/L)	00530	4.70	7.60	49.70	349.00	104.00	3.60	55.10	20.80	14.50	19.00	88.00	34.8
Turbidity(NTU)	82079	4.2	4.1	16	85.0	39.0	8.1	12	10	6.4	6.8	50.0	7.2
pH	00400	7.5	8.0	7.6	7.5	7.5	7.9	7.7	7.6	7.9	8.0	8.1	8.0
Temperature(C)	00010	19.6	22.5	20.7	24.8	25.1	26.9	27.2	26.6	21.7	20.3	21.2	18.8
Dissolved Oxygen(mg/L)	00300	11.6	9.6	8.3	8.7	8.7	8.7	9.3	8.4	9.2	9.1	8.7	9.7
Conductivity(umhos/cm)	00094	527	539	644	623	549	560	544	541	571	553	480	519
Total Phosphorus(mg/L)	00665	0.02	0.054	0.08	0.115	0.123	0.054	0.064	0.054	0.046	0.055	0.084	0.071
Nitrate-N(mg/L)	00620	1.32	1.44	2.37	1.39	1.85	1.51	1.57	1.53	1.79	1.63	1.57	1.7
Chloride(mg/L)	00940	20.4	21.4	36.5	26.1	25.4	21.9	21.8	21.5	21.2	22	21.9	21.7
Sulfate(mg/L)	00945	25.3	27.5	30.6	27.9	28.3	26.5	26.5	26.6	28.1	29.2	28.4	27.9
Total Hardness(mg/L)	00900	262	267	329	330	351	274	290	279	287	292	302	264
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	<1.00	<1.00	1.3	11.9	17.10	3.98	6.54	2.88	<1.00	1.59	1.5	6.32
Pheophytin (mg/m <sup>3</sup> )	32218	<1.00	<1.00	1.02	7.45	4.86	1.65	4.45	<1.00	<1.00	1.03	1.2	<1.00
Total Kjeldahl Nitrogen(mg/L)	00625	<0.20		0.36		0.67		0.42		1.01		0.37	

TABLE 3 (Con't)

TCEQ Segment 1804  
 TCEQ Station 12596  
 Station Number 3 AC's Place on Lake Dunlap  
 Latitude 29/40/15 Longitude 98/04/48

Parameter	Date and 24 hour time						
	Parameter Code	3/2/20 1525	4/6/20 1418	5/4/20 1431	6/29/21 1025	7/6/20 1422	8/6/20 1030
Flow (cfs)	00061	423	416	359	352	314	279
E. coli(org/100mL)	31699	72	230	77	2400	260	1300
Suspended Solids(mg/L)	00530	67.80	8.00	9.60	144.00	12.00	92.00
Turbidity(NTU)	82079	5.3	7.2	3.3	80.0	9.9	26.0
pH	00400	7.6	8.0	7.9	7.9	7.9	7.8
Temperature(C)	00010	22	22	27.4	26.3	28.6	27.4
Dissolved Oxygen(mg/L)	00300	9.7	10.1	11.8	8.0	9.1	9.0
Conductivity(umhos/cm)	00094	550	504	544	557	562	546
Total Phosphorus(mg/L)	00665	0.088	0.05	0.054	0.102	0.056	0.135
Nitrate-N(mg/L)	00620	1.54	1.41	1.48	1.56	1.52	1.72
Chloride(mg/L)	00940	22	21.7	22.9	23.4	22.5	26.0
Sulfate(mg/L)	00945	28.7	30	29	31.2	28.3	30.9
Total Hardness(mg/L)	00900	323	259	264	309	272	309
Ammonia-N(mg/L)	00610	<0.10		<0.10		<0.10	
Chlorophyll a(mg/m <sup>3</sup> )	32211	4.6	<1.00	2.07	4.47	2.37	5.34
Pheophytin (mg/m <sup>3</sup> )	32218	1.61	<1.00	<1.00	2.4	<1.00	1.24
Total Kjeldahl Nitrogen(mg/L)	00625	0.62		0.29		0.35	

Parameter	Date and 24 hour time						
	Parameter Code						
Flow (cfs)	00061						
E. coli(org/100mL)	31699						
Suspended Solids(mg/L)	00530						
Turbidity(NTU)	82079						
pH	00400						
Temperature(C)	00010						
Dissolved Oxygen(mg/L)	00300						
Conductivity(umhos/cm)	00094						
Total Phosphorus(mg/L)	00665						
Nitrate-N(mg/L)	00620						
Chloride(mg/L)	00940						
Sulfate(mg/L)	00945						
Total Hardness(mg/L)	00900						
Ammonia-N(mg/L)	00610						
Chlorophyll a(mg/m <sup>3</sup> )	32211						
Pheophytin (mg/m <sup>3</sup> )	32218						
Total Kjeldahl Nitrogen(mg/L)	00625						

Parameter	Date and 24 hour time						
	Parameter Code						
Flow (cfs)	00061						
E. coli(org/100mL)	31699						
Suspended Solids(mg/L)	00530						
Turbidity(NTU)	82079						
pH	00400						
Temperature(C)	00010						
Dissolved Oxygen(mg/L)	00300						
Conductivity(umhos/cm)	00094						
Total Phosphorus(mg/L)	00665						
Nitrate-N(mg/L)	00620						
Chloride(mg/L)	00940						
Sulfate(mg/L)	00945						
Total Hardness(mg/L)	00900						
Ammonia-N(mg/L)	00610						
Chlorophyll a(mg/m <sup>3</sup> )	32211						
Pheophytin (mg/m <sup>3</sup> )	32218						
Total Kjeldahl Nitrogen(mg/L)	00625						