

TABLE 15

TNRCC Segment 1804
 TNRCC Station 15110
 Station Number 15 Guadalupe River at H-5 Dam near Gonzales
 Latitude 29/28/06 Longitude 97/29/30

Parameter	Date and 24 hour time												
	Parameter Code	10/21/96	11/5/96	12/10/96	1/21/97	2/26/97	3/24/97	4/15/97	5/12/97	6/2/97	7/17/97	8/19/97	9/16/97
Flow (cfs)	60	217	344	344	452	1099	1051	1507	1159	4245	5435	1035	702
Fecal Coliform(org/100mL)	31616	10	14	12	12	30	16	30	84	148	200	54	69
Suspended Solids(mg/L)	530	7.2	7.3	5.6	6.2	6.8	9.8	22.6	28.2	181	148	8.6	9.3
Turbidity(NTU)	82079	4.8	5	3.9	3.3	4.9	11.5	20	18	85	62	5.3	6.8
pH	400	7.77	7.96	8.37	8.81	7.99	7.92	7.8	7.81	7.79	8.17	8.36	8.03
Temperature(C)	10	24.52	22.31	16.89	9.51	15.12	19.74	17.59	23.53	22.87	25.77	30	29.54
Dissolved Oxygen(mg/L)	300	9.42	7.26	10.08	12.45	8.71	9.41	9.38	8.2	9.76	7.93	8.4	8.27
Conductivity(umhos/cm)	94	530	535	537	505	536	444	425	480	447	345	510	443
Total Phosphorus(mg/L)	665	0.09	0.06	0.11	0.1	0.21	0.13	0.1	0.12	0.28	0.19	0.11	0.06
Nitrate-N(mg/L)	630	0.52	0.61	1.14	0.96	1	0.43	0.51	0.94	0.4	0.56	0.68	0.78
Chloride(mg/L)	940	28	26.3	40.2	19.2	32.5	20.6	27.6	35.8	24.6	8.2	14.6	19.7
Sulfate(mg/L)	945	39.7	40	37.8	27	33	21.4	23.6	27.6	20.7	3.8	27.7	29.8
Total Hardness(mg/L)	900	213	225	232	238	226	198	173	222	206	165	230	254
Ammonia-N(mg/L)	610	0.09		0.07		0.14		0.15		0.1		0.07	
E. coli(org/100mL)	31648	10	10	<2	10	8	2	24	26	56	200	38	40
Chlorophyll a(mg/m ³)	32211	4.3	2.14	1.3	<1.0	<1.0	2.1	<1.0	4.4	2.7	<1.0	2.9	4.7

Parameter	Date and 24 hour time												
	Parameter Code	10/21/97	11/18/97	12/8/97	1/14/98	2/12/98	3/18/98	4/15/98	5/19/98	6/9/98	7/14/98	8/11/98	9/17/98
Flow (cfs)	60	568	410	509	1261	1340	2539	980	404	356	204	177	665
Fecal Coliform(org/100mL)	31616	12	14	48	72	1238	2500	52	26	24	292	24	388
Suspended Solids(mg/L)	530	8	6	6.4	15.3	13	24.4	16.2	17.1	16	19.2	9.3	16.9
Turbidity(NTU)	82079	9.3	5.1	5.2	5	9.4	35.5	21	16	20.5	6.7	16	21
pH	400	7.98	7.95	7.98	7.8	8.27	8.42	8.05	8	7.69	7.29	7.57	7.53
Temperature(C)	10	22.27	13.65	16.27	16.25	16.53	17	22.92	28.51	30.37	31.46	31.28	26.46
Dissolved Oxygen(mg/L)	300	7.82	9.74	9.98	9.86	9.82	11.02	8.87	9.8	10.07	7.92	8.17	6.63
Conductivity(umhos/cm)	94	521	528	534	506	498	450	505	502	482	448	457	444
Total Phosphorus(mg/L)	665	0.1	0.08	0.05	0.43	0.09	0.19	0.08	0.19	0.01	<0.01	0.11	0.13
Nitrate-N(mg/L)	630	0.74	0.87	1.17	0.82	0.89	0.9	0.64	0.78	0.61	0.32	0.16	0.95
Chloride(mg/L)	940	19.5	20.1	23.6	18.5	19.5	21.6	22.5	21.3	20.6	19.9	25.6	21.8
Sulfate(mg/L)	945	26.9	28.1	27.1	27	25	28.8	27.6	25.9	27.6	25.4	29.3	23.2
Total Hardness(mg/L)	900	237	280	275	244	247	201	230	317	218	180	182	205
Ammonia-N(mg/L)	610	0.08		0.09		0.18		0.17		0.07		0.08	
E. coli(org/100mL)	31648	6	14	46	72	100	1600	52	20	8	148	4	88
Chlorophyll a(mg/m ³)	32211	1.9	<1.0	<1.0	1.5	4	<1.0	<1.0	5.8	11	8.8	3.6	<1.0

Parameter	Date and 24 hour time												
	Parameter Code	10/28/98	11/17/98	12/7/98	1/12/99	2/15/99	3/17/99	4/13/99	5/19/99	6/9/99	7/14/99	8/25/99	9/16/99
Flow (cfs)	60	1958	1974	3265	867	799	585	978	810	464	832	467	500
Fecal Coliform(org/100mL)	31616	189	375	79	15	19	40	89	248	50	12	20	
Suspended Solids(mg/L)	530	43.8	28.3	41	9.2	17.8	13.7	22.2	15.4	12.8	11.8	13.3	17.2
Turbidity(NTU)	82079	27	38	30	6.5	18	14.5	19	11	14	8.8	5.8	24.5
pH	400	7.87	7.29	7.46	7.98	7.69	8.28	8.27	7.77	8.14	8.06	8.11	8.16
Temperature(C)	10	24.94	17.88	21.26	14.03	18.73	19.14	25.16	27.38	29.91	30.98	31.34	29.02
Dissolved Oxygen(mg/L)	300	7.64	8.75	9.71	10.27	9.23	9.03	8.43	8.42	7.54	8.35	7.28	9.01
Conductivity(umhos/cm)	94	555	361	450	564	569	606	546	527	478	492	480	508
Total Phosphorus(mg/L)	665	0.11	0.16	<0.01	0.08	0.04	0.11	0.05	0.23	0.21	0.114	0.05	0.022
Nitrate-N(mg/L)	630	1.4	0.78	0.68	1.3	1.5	0.45	0.79	1.1	0.7	0.57	0.7	0.681
Chloride(mg/L)	940	24.8	14	17.1	22.4	24.1	24.9	24.3	25.1	29.6	18	23.2	29.4
Sulfate(mg/L)	945	34	3.2	15	28.7	31.7	30.6	33.6	24.5	32.5	26.2	26.2	27.1
Total Hardness(mg/L)	900	181	152	250	234	235	257	253	208	394	244	222	229
Ammonia-N(mg/L)	610	0.13		0.04		0.1		0.14		0.07		0.08	
E. coli(org/100mL)	31648	60	112	56	12	14	23	73	184	50	12	14	
Chlorophyll a(mg/m ³)	32211	1.2	5.7	<1.0	4.8	<1.0	3.6	4.4	6.4	10.5	3.1	3.1	6.3
Total Dissolved Solids(mg/L)	70300	270											

TABLE 15(cont.)

TNRCC Segment 1804
 TNRCC Station 15110
 Station Number 15 Guadalupe River at H-5 Dam near Gonzales
 Latitude 29/28/06 Longitude 97/29/30

Parameter	Date and 24 hour time												
	Parameter Code	10/25/99	11/9/99	12/13/99	1/18/00	2/17/00	3/20/00	4/19/00	5/25/00	6/20/00	7/17/00	8/15/00	9/20/00
Flow (cfs)	60	584	568	494	578	541	435	404	337	493	298	179	157
Fecal Coliform(org/100mL)	31616	15	9	36	2	1	38	1	2	8	11	196	39
Suspended Solids(mg/L)	530	10.2	7.6	8.2	6.7	5.2	9.9	6.2	10.1	13.6	18.6	18.1	14.1
Turbidity(NTU)	82079	17	5.6	4.9	5.3	3.7	7.2	4.7	6.2	15	14	16	17
pH	400	8.11	8.07	8	8.1	8.03	8.67	8.08	8.49	7.75	8.14	7.64	8.21
Temperature(C)	10	20.58	19.13	15.98	17.26	18.74	18.28	23.28	28.62	29.68	31.49	30.89	28.51
Dissolved Oxygen(mg/L)	300	10.17	9.69	10.54	10.38	10.52	10.25	8.91	7.74	8.28	7.14	7.89	8.12
Conductivity(umhos/cm)	94	487	583	545	508	526	551	412	567	443	492	546	381
Total Phosphorus(mg/L)	665	0.097	0.199	0.15	0.12	0.092	0.162	0.119	0.15	0.15	0.07	0.13	0.08
Nitrate-N(mg/L)	630	0.08	1.24	1.33	1.9	1.29	1.17	0.792	0.57	0.738	0.23	0.022	0.049
Chloride(mg/L)	940	27.6	24	27.8	25.1	29.3	28.9	31.4	27.7	28.9	30.5	33.2	32.1
Sulfate(mg/L)	945	24.8	27.8	30.2	27.6	28	30.8	29.8	30.6	19	14.5	31.6	33.8
Total Hardness(mg/L)	900	205	271	242	232	273	234	284	248	204	183	213	210
Ammonia-N(mg/L)	610	0.08		0.08		0.16		0.12		0.09		0.11	
E. coli(org/100mL)	31648	12	6	32	2	1	36	1	2	4	8	90	9
Chlorophyll a(mg/m ³)	32211	3.2	1.5	1.8	3.3	2.2	<1	4.3	8.2	4.1	8.9	7.3	10

Parameter	Date and 24 hour time												
	Parameter Code	10/26/00	11/17/00	12/18/00	1/15/01	2/14/01	3/22/01	4/17/01	5/7/01	6/21/01	7/12/01	8/9/01	9/11/01
Flow (cfs)	60	762	3893	1602	1361	1449	1606	941	1025	501	565	341	1231
Fecal Coliform(org/100mL)	31616	16	500	208	76	68	26	19	36	3	17	11	980
Suspended Solids(mg/L)	530	10.4	131	18.9	14.7	15.6	17	21.1	19.6	9.7	13	9.9	56
Turbidity(NTU)	82079	4.5	78	16	15	12	14	16	14	3.8	10	12	48
pH	400	7.24	8.06	8.27	8.26	7.83	8.1	8.05	8.09	7.78	8.04	8.05	9.11
Temperature(C)	10	24.7	16.19	13.19	12.77	14.83	16.44	23.6	25.07	29.91	31.61	30.51	25.5
Dissolved Oxygen(mg/L)	300	8.56	11.63	12.75	12.46	12.4	13.23	9.75	7.84	8.11	8.56	7.92	7.41
Conductivity(umhos/cm)	94	577	401	481	458	483	494	378	533	564		524	236
Total Phosphorus(mg/L)	665	0.1	0.27	0.14	0.13	0.11	0.13	0.13	0.1	0.08	0.05	0.08	0.31
Nitrate-N(mg/L)	630	1	0.53	0.94	1.14	1.1	0.98	1	0.98	0.75	0.8	0.61	0.7
Chloride(mg/L)	940	35.7	17.6	16.5	21	19.4	20.2	19.3	20.5	29.5	41.2	23.6	8.6
Sulfate(mg/L)	945	36.2	24	30.4	2.6	23.8	25.6	29.8	22.8	23.8	25	25.2	3
Total Hardness(mg/L)	900	228	269	240	201	221	238	349	236	250	220	224	125
Ammonia-N(mg/L)	610	0.09		0.1		0.04		0.03		<0.02		0.04	
E. coli(org/100mL)	31648	16	340	32	56	4	22	19	16	3	17	6	500
Chlorophyll a(mg/m ³)	32211	2	<1	<1	<1	<1	<1	3.9	1.3	4.5	9	<1.0	<1.0

Parameter	Date and 24 hour time												
	Parameter Code	10/11/01	11/07/01	12/10/01	1/15/02	2/19/02	3/21/02	4/25/02	5/13/02	6/13/02	7/25/02	8/9/02	9/18/02
Flow (cfs)	60	584	641	1721	1008	773	722	592	483	388	3721	1749	5399
Fecal Coliform(org/100mL)	31616	122	43	**									
Suspended Solids(mg/L)	530	14	14.5	11	14.2	7.2	13.5	20.6	34	15.1	67	22.3	71.5
Turbidity(NTU)	82079	12	8.3	18	12	3.5	10	19	17	7.7	43	8.3	41
pH	400	7.76	8.02	7.99	8.09	8.21	8.08	7.93	8.08	8.04	7.97	7.79	7.96
Temperature(C)	10	23.33	21.05	17.14	13.49	15.53	19.13	27.13	26.96	31.69	29.2	29.7	24.8
Dissolved Oxygen(mg/L)	300	7.81	8.51	9.99	10.74	11.3	9.24	9.05	6.39	8.29	8.64	7.32	9.18
Conductivity(umhos/cm)	94	531	511	446	582	526	542	550	550	500	463	553	325
Total Phosphorus(mg/L)	665	0.11	0.11	0.18	0.12	0.18	0.12	0.11	0.13	0.07	0.1	<0.01	0.08
Nitrate-N(mg/L)	630	1.11	0.87	0.57	0.38	1.4	1.2	1.4	0.8	0.8	0.93	0.45	0.19
Chloride(mg/L)	940	23.2	21.4	16	24.6	17.1	22.8	23	23	24.2	12.2	19.6	6.74
Sulfate(mg/L)	945	23.8	27	22.8	23.6	27.2	26.2	28.7	28	30.5	12.2	25.9	11
Total Hardness(mg/L)	900	236	259	248	238	261	271	216	293	233	287	258	211
Ammonia-N(mg/L)	610	0.03		0.04		0.05		0.04		<0.02		0.02	
E. coli(org/100mL)	31699	16	41	248	28	184	72	1986	16	<1	42	46	121
Chlorophyll a(mg/m ³)	32211	2.3	<1	12	<1	<1	<1	5	4.2	19.3	1.2	20.9	4.67
Pheophytin(mg/m ³)	32218			<1	5.1	3	4.4	2.3	4.2	3.9	15.8	10.3	1.21

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

TABLE 15(cont.)

TCEO Segment 1804
 TCEO Station 15110
 Station Number 15 Guadalupe River at H-5 Dam near Gonzales
 Latitude 29/28/06 Longitude 97/29/30

Parameter	Date and 24 hour time												
	Parameter Code	10/21/02	11/14/02	12/16/02	1/8/03	2/26/03	3/19/03	4/14/03	5/14/03	6/23/03	7/25/03	8/19/03	09/15/03
Flow (cfs)	60	1916	4131	1123	1177	591	934	740	904	961	708	605	757
E. coli(org/100mL)	31699	687	104	205	79	326	28	44	16	19	4	3	18
Suspended Solids(mg/L)	530	39.1	86.7	15.9	16.1	17	25.3	17	11.5	8.5	6.3	14.1	19.4
Turbidity(NTU)	82079	22	46	16	9.3	19	15	14	17	1.7	5	16.5	20.7
pH	400	7.94	7.98	7.46	8.31	7.46	7.81	7.74	7.69	7.58	7.99	8.02	8.17
Temperature(C)	10	21.8	18.9	14.3	14.6	12	19.5	20.4	26.4	30.4	30.9	30.3	27.5
Dissolved Oxygen(mg/L)	300	9.19	10.77	10.46	9.65	11.1	10.3	9.4	8.33	7.86	8.78	9.24	8.84
Conductivity(umhos/cm)	94	634	524	522	548	419	608	602	558	549	553	518	532
Total Phosphorus(mg/L)	665	0.18	0.16	0.12	0.11	0.08	0.1	0.06	0.12	0.03	0.05	<0.02	0.28
Nitrate-N(mg/L)	630	1.03	0.42	1.06	0.72	0.74	0.63	0.55	0.62	0.77	0.44	0.46	0.87
Chloride(mg/L)	940	24.2	13.9	21.5	16.2	17.3	24.2	22.6	19.2	19.3	19	19.1	18.7
Sulfate(mg/L)	945	37	21.6	33	25	27.6	35.6	32.6	29.3	30.6	28.4	28.1	28
Total Hardness(mg/L)	900	320	294	240	269	210	277	270	251	186	247	234	229
Ammonia-N(mg/L)	610	0.03		0.03		0.04		0.02		0.03		0.02	
Chlorophyll a(mg/m ³)	32211	2.67	2.2	2.54	2.31	1.74	10.3	5.61	3.11	2.3	1.5	6.2	<1
Pheophytin(mg/m ³)	32218	3.59	<1	<1	1.64	2.47	4.19	3.46	1.56	1.3	2.7	4	2.2

Parameter	Date and 24 hour time												
	Parameter Code	10/06/03	11/04/03	12/05/03	01/12/04	02/16/04	03/08/04	04/16/04	05/20/04	06/15/04	7/14/04	8/9/04	9/13/04
Flow (cfs)	60	548	509	469	483	763	723	5171	729	1647	2679	1.95	781
E. coli(org/100mL)	31699	10	33	260	186	81	26	148	16	60	44	----	24
Suspended Solids(mg/L)	530	8.9	17.2	5.4	6.8	6.3	6.8	163	16.7	31.9	36.5	30.1	13.7
Turbidity(NTU)	82079	7.69	12.8	6.44	7.54	9.15	4.47	131	20.3	52	43.6	9.5	14.7
pH	400	8.36	8.13	8.36	8.21	8.18	8.02	8.12	8.07	7.88	7.84	8.05	7.92
Temperature(C)	10	24.5	22.9	15.2	13.3	11.6	18.4	16.3	25.7	27.1	27	31.2	27.2
Dissolved Oxygen(mg/L)	300	8.45	8.4	12.9	11.3	10	9.28	9.38	7.29	6.76	8.38	5.99	7.2
Conductivity(umhos/cm)	94	550	537	499	556	518	568	440	575	335	459	518	567
Total Phosphorus(mg/L)	665	0.03	0.09	0.21	0.15	0.08	0.08	0.15	0.2	0.15	0.12	1.1	0.09
Nitrate-N(mg/L)	630	0.75	0.74	0.7	1.06	0.76	0.8	0.46	0.41	0.39	0.53	5.15	0.24
Chloride(mg/L)	940	18.7	18.5	20.3	20	20.5	20.4	15.3	18.5	12.4	14	68.6	16.7
Sulfate(mg/L)	945	28.1	27.3	29.2	28.3	28.6	28.4	20.6	24.8	17.2	19.7	67.6	21.8
Total Hardness(mg/L)	900	240	260	268	262	248	247	280	231	174	225	275	246
Ammonia-N(mg/L)	610	0.02		0.02		0.03		0.02		0.07		0.04	
Chlorophyll a(mg/m ³)	32211	4.8	1.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	6	1.9	2.6
Pheophytin(mg/m ³)	32218	<1.0	2	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3	<3	<3

Parameter	Date and 24 hour time												
	Parameter Code	10/19/04	11/9/04	12/8/04	1/7/05	2/9/05	3/3/05	4/6/05	5/2/05	6/6/05	7/6/05	8/4/05	9/8/05
Flow (cfs)	60	1128	2345	5331	1900	2276	2516	1376	1052	1422	785	767	525
E. coli(org/100mL)	31699	88	----	132	66	663	157	23	19	23	12	5	<1
Suspended Solids(mg/L)	530	19.6	25.6	102	18.7	16.4	17.3	13.9	19.4	16.2	19.4	38.7	5.7
Turbidity(NTU)	82079	18	36	96.6	12.6	18.1	16.1	12.6	17.5	15.5	16	25.2	19.2
pH	400	8.05	8.05	7.78	7.96	7.87	7.74	7.8	7.96	8.12	8.06	7.98	8.06
Temperature(C)	10	24.3	20.3	17.8	17.1	15.3	16.4	20.6	22.6	28.6	31.4	30.8	29.6
Dissolved Oxygen(mg/L)	300	8.16	9.55	11.1	9.38	11.8	10.3	9.06	8.35	7.38	7.16	6.6	6.9
Conductivity(umhos/cm)	94	505	442	464	546	524	548	580	545	437	511	511	507
Total Phosphorus(mg/L)	665	0.14	0.11	0.11	0.1	0.12	0.27	0.08	<0.05	0.08	<0.05	0.07	<0.05
Nitrate-N(mg/L)	630	0.48	0.64	0.72	1.44	1.4	1.37	1.52	1.3	1.43	1.08	1.18	1.14
Chloride(mg/L)	940	22	14.2	13.2	19.2	18.4	21	20.1	17.6	18.5	20.1	20.5	20.1
Sulfate(mg/L)	945	24.7	20.2	20.3	28	26.5	30.5	29	25.8	26.4	28.5	28.3	27.1
Total Hardness(mg/L)	900	244	219	190	260	266	260	277	272	259	238	250	224
Ammonia-N(mg/L)	610	0.04		<0.02		0.02		0.04		0.02		0.03	
Chlorophyll a(mg/m ³)	32211	1.7	<1	<1	3.9	1.3	1.5	3.7	3.9	4.8	4.2	5.9	<1
Pheophytin(mg/m ³)	32218	<3	<3	3.6	<3	<3	<3	<3	<3	<3	<3	<3	21

TABLE 15(cont.)

TCEQ Segment 1804
 TCEQ Station 15110
 Station Number 15 Guadalupe River at H-5 Dam near Gonzales
 Latitude 29/28/06 Longitude 97/29/30

Parameter	Date and 24 hour time												
	Parameter Code	10/7/05	11/4/05	12/9/05	1/5/06	2/1/06	3/2/06	4/4/06	5/4/06	6/5/06	7/10/06	8/7/06	9/8/06
Flow (cfs)	60	642	450	545	479	460	445	458	467	591	295	156	180
E. coli(org/100mL)	31699	12	12	32	24	29	61	56	16	9	490	4	3
Suspended Solids(mg/L)	530	19	10	6.7	7	10.7	6	9	12.3	17.3	17	11	8.3
Turbidity(NTU)	82079	14.3	6.6	7.2	6.3	7.6	5.9	9	13.5	15.9	20.1	10.7	6
pH	400	8.15	8.14	8.18	8.08	7.79	7.96	8.15	7.73	8.07	8.14	7.92	7.4
Temperature(C)	10	26.2	19.7	12.1	15.8	15.6	17.2	22.9	24.9	27.3	28.9	30.3	27.9
Dissolved Oxygen(mg/L)	300	7.87	9.71	9.2	10.8	10.3	12.2	9.64	7.84	8.71	7.71	7.03	6.65
Conductivity(umhos/cm)	94	513	529	560	552	572	553	376	503	490	485	452	482
Total Phosphorus(mg/L)	665	0.06	0.05	<0.05	<0.05	0.09	0.07	0.08	0.1	0.12	0.09	<0.05	<0.05
Nitrate-N(mg/L)	630	1.17	1.57	1.83	1.59	1.68	1.54	1.28	1.22	0.65	0.66	0.21	0.12
Chloride(mg/L)	940	20.7	20.8	21.2	21.4	25	21.9	22.3	22.8	22.2	22.7	21.7	26.2
Sulfate(mg/L)	945	27	27.9	29.1	31.3	1.68	31.5	31.2	31	31.1	30.8	29.6	33.4
Total Hardness(mg/L)	900	257	253	276	258	266	229	254	264	224	212	194	215
Ammonia-N(mg/L)	610	0.02		0.02		0.02		<0.02				0.02	
Chlorophyll a(mg/m ³)	32211	9.6	2	2.8	3.2	5.2	3	2.1	4	13.5	10.1	8.5	4.5
Pheophytin(mg/m ³)	32218	1.4	<1	<1	<1	1.2	1.1	3.4	<1	2.6	2.4	2.1	3

Parameter	Date and 24 hour time												
	Parameter Code	10/10/06	11/3/06	12/6/06	1/8/07	2/5/07	3/8/07	4/4/07	5/9/07	6/15/07	7/9/07	8/6/07	9/12/07
Flow (cfs)	60	248	293	244	347	504	357	1652	2772	969	4727	5660	5170
E. coli(org/100mL)	31699	17	12	210	920	390	49	360	290	9	520	120	50
Suspended Solids(mg/L)	530	17	11.3	8.7	21.7	19.3	39.3	47.7	90.5	36.3	111	166	66.3
Turbidity(NTU)	82079	13	10.4	8	12.4	15.2	5.8	45.6	67.7	32.5	160	99.5	42.2
pH	400	7.85	8.1	7.85	7.85	7.69	7.97	7.89	8.04	8	7.84	8.06	8.16
Temperature(C)	10	25.8	20	15	13.4	11.3	17.4	23.4	23.8	26.8	25.2	26.7	26.9
Dissolved Oxygen(mg/L)	300	7.05	9.93	9.54	10.9	11	10.8	7.82	9.48	7.35	8.82	8.61	11.1
Conductivity(umhos/cm)	94	497	515	556	532	541	544	505	480	453	335	420	484
Total Phosphorus(mg/L)	665	<0.05	<0.05	<0.05	0.14	0.16	0.14	0.15	0.08	0.06	0.23	0.1	0.08
Nitrate-N(mg/L)	630	0.52	0.74	1.11	1.53	1.4	1.13	1.2	0.84	0.63	0.56	0.49	0.7
Chloride(mg/L)	940	23.4	22.5	23.8	21	17.9	19.8	13.1	10.5	15.1	9.4	11.3	11.2
Sulfate(mg/L)	945	30	27.5	30.7	30.2	30.2	29.7	25.7	24.9	23.2	16.3	16	17.9
Total Hardness(mg/L)	900	206	222	248	248	226	253	218	258	220	231	251	267
Ammonia-N(mg/L)	610	0.02		0.03		<0.02		0.03		0.02		0.08	
Chlorophyll a(mg/m ³)	32211	6.2	2.3	1.8	3.2	3.2	3.8	<1	<1	<1	1.2	<1	<1
Pheophytin(mg/m ³)	32218	1.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Parameter	Date and 24 hour time												
	Parameter Code	10/11/07	11/14/07	12/12/07	1/7/08	2/15/08	3/17/08	4/9/08	5/5/08	6/9/08	7/3/08	8/4/08	9/9/08
Flow (cfs)	00061	1467	840	799	735	627	615	502	469	482	413	339	323
E. coli(org/100mL)	31699	15	17	140	17	12	80	17	9	18	5	7	5
Suspended Solids(mg/L)	00530	12	12	11.3	4	13.7	47	9.7	19.3	21	27.3	19.3	26.3
Turbidity(NTU)	82079	9.25	11.3	10.5	6.5	10.9	15	5.6	11.7	17.8	20.6	20.8	26.9
pH	00400	8.04	8.07	8.14	8.2	8.2	8.2	8	8.1	8.1	8	8	8.1
Temperature(C)	00010	25.4	22	18.3	13.4	17.4	18.9	23.3	24.4	29.9	29.4	31.3	29.7
Dissolved Oxygen(mg/L)	00300	8.54	8.62	8.96	11.5	10.4	10.3	8.1	8.6	8.1	6.2	7.7	6.8
Conductivity(umhos/cm)	00094	563	543	542	524	512	526	528	511	477	522	479	490
Total Phosphorus(mg/L)	00665	<0.05	<0.05	0.07	<0.05	0.05	0.12	0.05	0.05	0.07	0.07	0.06	0.07
Nitrate-N(mg/L)	00620	1.02	1.37	1.42	1.32	1.34	1.36	1.2	0.94	0.61	0.6	0.55	0.57
Chloride(mg/L)	00940	18.5	21.2	17.5	19.4	20.9	21	16.6	22.1	20.4	21	20.8	19.9
Sulfate(mg/L)	00945	26.8	30.2	24.8	26.7	30.7	30.3	32.7	30.8	28	29.5	28.9	25.5
Total Hardness(mg/L)	00900	251	248	278	250	274	261	259	252	225	227	254	217
Ammonia-N(mg/L)	00610	<0.1		0.17		<0.1		<0.1		<0.1		0.11	
Chlorophyll a(mg/m ³)	32211	2.4	1.8	3.7	2.9	8	10.1	5.1	3.5	3.8	3.9	5.2	4.7
Pheophytin(mg/m ³)	32218	<1	<1	<1	<1	1.5	1	1.7	1.6	2.7	2	2.2	2.1
Total Kjeldahl Nitrogen (mg/L)	00625	<0.5		<0.5		<0.5		<0.2		0.33		0.35	

TABLE 15(cont.)

TCEQ Segment 1804
 TCEQ Station 15110
 Station Number 15 Guadalupe River at H-5 Dam near Gonzales
 Latitude 29/28/06 Longitude 97/29/30

Parameter	Date and 24 hour time												
	Parameter Code	10/7/08	11/12/08	12/4/08	1/7/09	2/4/09	3/10/09	4/7/09	5/5/09	6/3/09	7/06/09	8/03/09	9/03/09
Flow (cfs)	00061	248	218	228	195	172	213	185	202	124	97	68	174
E. coli(org/100mL)	31699	10	98	78	40	13	13	7	25	20	2	8	28
Suspended Solids(mg/L)	00530	8.7	23.3	18	5.7	8	10.7	8.7	12	17.3	20.3	18.3	8.7
Turbidity(NTU)	82079	12.1	18.2	17.3	6.9	9.4	8.9	12.8	10.7	16.8	22.1	13.9	14
pH	00400	8.1	8	8	7.9	8.2	8.2	8.1	7.8	7.9	7.9	8.1	8
Temperature(C)	00010	24.9	20.4	14.6	13.3	12.5	20.4	18.5	25.4	28.1	31.5	30.8	29.6
Dissolved Oxygen(mg/L)	00300	7.4	8.3	9.9	12.2	11.1	10.8	9.8	7.8	8	5.2	6.9	8.3
Conductivity(umhos/cm)	00094	502	527	494	550	529	510	538	506	494	497	500	499
Total Phosphorus(mg/L)	00665	0.06	0.09	0.09	0.08	0.14	0.06	0.1	0.11	0.07	0.08	0.08	0.08
Nitrate-N(mg/L)	00620		0.89	1.19	1.21	1.02	0.87	0.97	0.61	0.09	0.06	0.06	1.15
Chloride(mg/L)	00940	21.1	23.9	22.1	28.2	23	22.9	24	23.2	22.1	27.5	25.1	26.7
Sulfate(mg/L)	00945	28.6	31.3	28.3	38	29.6	29.2	29	28.6	27.7	28.9	30.7	30
Total Hardness(mg/L)	00900	232	253	270	266	252	244	258	234	224	224	224	232
Ammonia-N(mg/L)	00610	0.12		<0.1		0.14		<0.1		<0.1		0.12	
Chlorophyll a(mg/m ³)	32211	2.7	4.3	1.2	1.9	1.8	13.1	4.2	6.5	6.1	2.2	4.5	4.7
Pheophytin(mg/m ³)	32218	1.7	1.2	<1	<1	<1	2.3	<1	1.4	2	<1	1.4	1.9
Total Kjeldahl Nitrogen (mg/L)	00625	0.29		0.24		0.3		0.58		0.62		0.38	

Parameter	Date and 24 hour time												
	Parameter Code	10/05/09	11/04/09	12/01/09	1/12/10	2/3/10	3/10/10	4/14/10	5/4/10	6/16/10	7/6/10	8/3/10	9/15/10
Flow (cfs)	00061	5812	501	545	262	805	1030	797	902	1359	661	565	1286
E. coli(org/100mL)	31699	4110	27	83	54	50	16	14	12	71	12	19	40
Suspended Solids(mg/L)	00530	791	13	12	7.7	13.3	17.3	21.7	30.7	48.5	14.3	18	29.7
Turbidity(NTU)	82079	700	14.4	15.4	7.3	14.7	8.1	20.2	32.4	62.6	13.6	17.9	66.3
pH	00400	7.8	8	7.8	7.8	7.8	7.8	8	8	7.6	8.1	8	7.8
Temperature(C)	00010	25.3	20.2	15.6	9.1	13.4	17.1	21.2	23.9	28.6	29.4	30.5	29.3
Dissolved Oxygen(mg/L)	00300	7.8	8.8	9.3	10.7	10.4	10.2	8.4	7.9	6.5	8.5	8.1	6.2
Conductivity(umhos/cm)	00094	396	497	495	553	514	515	551	519	329	529	506	308
Total Phosphorus(mg/L)	00665	0.7	0.1	0.1	0.07	0.09	0.06	0.09	0.07	0.11	<0.05	0.06	0.12
Nitrate-N(mg/L)	00620	1.97	0.6	1.05	1.12	1.26	0.8	1.1	0.95	0.67	0.59	0.83	0.9
Chloride(mg/L)	00940	12.6	15.7	17.9	23.1	16.3	20.1	20.2	19.4	9.5	17.3	21.9	8.6
Sulfate(mg/L)	00945	18.9	25.5	28.8	32.3	23.7	26.2	28.8	27	15	23.7	28.3	14.8
Total Hardness(mg/L)	00900	536	230	250	275	260	243	259	229	159	253	242	178
Ammonia-N(mg/L)	00610	0.12		0.12		<0.1		0.16		0.16		0.12	
Chlorophyll a(mg/m ³)	32211	1.2	<1	<1	2.8	1.8	2.4	2.2	2.9	1.1	6.9	2.7	<1
Pheophytin(mg/m ³)	32218	3	<1	<1	<1	<14	<1	<1	1.1	<1	7.8	2.8	<1
Total Kjeldahl Nitrogen (mg/L)	00625	1.97		0.33		0.53		0.42		0.62		0.38	

Parameter	Date and 24 hour time												
	Parameter Code	10/7/10	11/15/10	12/2/10	1/5/11	2/7/11	3/3/11	4/5/11	5/13/11	6/2/11	7/12/11	8/1/11	9/13/11
Flow (cfs)	00061	576	494	527	536	433	453	333	482	146	363	92	54
E. coli(org/100mL)	31699	18	36	14	25	24	43	24	34	11	5	11	35
Suspended Solids(mg/L)	00530	17.1	11.7	12.4	10.7	11	15	20.5	20.3	35.7	19.9	14.3	13.5
Turbidity(NTU)	82079	13.3	6.5	9.7	8.9	10.5	10.1	11.7	14.6	23.2	15	7.8	10.1
pH	00400	8.2	8.1	8.1	8.1	7.9	8	8.1	8	7.9	7.7	7.9	7.5
Temperature(C)	00010	23.1	18.7	16.4	14.1	11.3	19	21.4	24.7	29.5	30.9	31.4	29
Dissolved Oxygen(mg/L)	00300	8	8.4	8.9	9.6	10.9	8.3	7.6	8.6	7.7	6.5	6	6.1
Conductivity(umhos/cm)	00094	520	542	555	541	532	546	544	484	472	470	488	516
Total Phosphorus(mg/L)	00665	0.05	0.07	0.07	0.06	0.07	0.08	0.09	0.06	0.05	0.05	0.12	0.05
Nitrate-N(mg/L)	00620	0.85	1.31	1.43	1.4	1.25	1.26	1.06	0.4	0.22	0.1	0.13	0.2
Chloride(mg/L)	00940	19.3	21	21.3	21.4	21.4	23.2	23.2	24.8	25.2	26.3	27.7	29.5
Sulfate(mg/L)	00945	24.8	27.4	27.6	28.1	29	30.1	30.1	31.1	30.3	30.4	31.3	32.5
Total Hardness(mg/L)	00900	243	258	271	252	250	256	252	230	232	202	201	221
Ammonia-N(mg/L)	00610	0.12		<0.1		0.21		0.11		0.15		0.1	<0.1
Chlorophyll a(mg/m ³)	32211	1.9	2.3	3	2	4	4.5	5.1	4.6	9.5	4.8	1.9	1.7
Pheophytin(mg/m ³)	32218	<1.0	<1	<1	<1	<1	1.1	2	1.4	2.4	1.4	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.2		0.23		0.22		0.32		0.51		0.26	0.32

TABLE 15(cont.)

TCEQ Segment 1804
 TCEQ Station 15110
 Station Number 15 Guadalupe River at H-5 Dam near Gonzales
 Latitude 29/28/06 Longitude 97/29/30

Parameter	Date and 24 hour time												
	Parameter Code	10/19/11	11/7/11	12/6/11	1/10/2012	2/13/2012	3/6/12	4/4/12	5/2/12	6/24/12	7/10/12	8/14/12	9/5/12
Flow (cfs)	00061	174	181	286	281	456	405	453	357	393	223	161	115
E. coli(org/100mL)	31699	10	68	550	490	120	47	53	5	3	53	40	18
Suspended Solids(mg/L)	00530	15.9	10.2	15	6.90	13.1	15	25.5	22.3	20.5	30.9	21.2	16.4
Turbidity(NTU)	82079	11	5.2	10	4.9	24.1	12.5	22.4	19.4	11.2	21.2	15.8	19
pH	00400	7.8	7.9	7.9	7.5	7.9	7.6	7.7	8	8	7.7	7.6	7.6
Temperature(C)	00010	22.2	20	13.7	13.1	12.7	18.4	24.7	25.7	30	30.2	30.8	29.2
Dissolved Oxygen(mg/L)	00300	7.2	8.5	9.3	10.5	9.5	8.6	6.6	7.2	7.4	6	5.6	5.5
Conductivity(umhos/cm)	00094	487	514	566	547	354	530	511	559	501	460	468	463
Total Phosphorus(mg/L)	00665	0.06	0.04	0.08	0.08	0.11	0.09	0.09	0.1	0.06	0.05	0.05	0.05
Nitrate-N(mg/L)	00620	0.19	0.33	0.84	1.12	1.17	1.36	0.98	0.8	0.31	0.05	0.12	0.13
Chloride(mg/L)	00940	23.5	27	25.7	22.8	14.3	21.9	20.2	23.6	23	24.9	26.4	27.7
Sulfate(mg/L)	00945	27.3	32.6	30.9	30.0	20.2	30.7	28.3	30.7	30.8	30.2	31.6	33.7
Total Hardness(mg/L)	00900	217	228	244	250	152	264	230	264	220	206	202	196
Ammonia-N(mg/L)	00610		<0.1		0.22		0.27		0.26		0.14		0.14
Chlorophyll a(mg/m ³)	32211	3	3.4	2.9	3.1	<1.0	2	4.4	4.2	8.6	4.5	5	4.21
Pheophytin(mg/m ³)	32218	1.3	<1	<1	<1.0	<1.0	<1	<1	4.5	3.2	4.1	2.9	1.85
Total Kjeldahl Nitrogen (mg/L)	00625	0.3	0.31	0.26	<0.20	0.52	0.38	0.57	0.27	0.53	<0.2	0.47	0.28

Parameter	Date and 24 hour time												
	Parameter Code	10/17/12	11/19/12	12/18/12	1/7/13	2/4/13	3/20/13	4/17/13	5/14/13	6/5/13	7/10/13	8/7/13	9/10/13
Flow (cfs)	00061	258	204	277	256	263	250	189	225	385	181	65	93
E. coli(org/100mL)	31699	37	180	56	15	6	5	12	3	17	5	48	3
Suspended Solids(mg/L)	00530	17.1	6.5	15.4	5.9	9.4	11.8	16	17.3	25.5	17.9	3.6	7
Turbidity(NTU)	82079	11.7	6.4	13.3	7.1	8.3	8.2	12.7	13.3	20.4	15.6	3.5	9.2
pH	00400	7.8	7.7	7.9	8.2	8.1	7.5	7.9	8	8	7.9	8.1	7.9
Temperature(C)	00010	20.8	18.7	16.6	11.2	17.1	19.8	22.9	24.6	28.6	30.2	31	29.2
Dissolved Oxygen(mg/L)	00300	5.4	7.3	8.7	11.2	9.6	9.1	8.4	9.1	7.6	5.6	8	7.7
Conductivity(umhos/cm)	00094	354	522	552	542	513	520	512	514	419	465	449	476
Total Phosphorus(mg/L)	00665	0.07	0.02	0.04	0.04	0.03	0.03	0.05	0.05	0.09	0.06	0.04	0.05
Nitrate-N(mg/L)	00620	0.59	0.53	0.74	0.85	0.89	0.6	0.58	0.42	0.69	0.11	0.1	0.15
Chloride(mg/L)	00940	20.8	<1	26	25.6	24.9	28	27.1	26.3	17.8	25	27.2	30.6
Sulfate(mg/L)	00945	30	3.72	33.9	33.1	32.5	35.7	34	32.6	24.1	31.1	32.9	33.9
Total Hardness(mg/L)	00900	193	225	240	248	293	216	221	228	181	199	200	185
Ammonia-N(mg/L)	00610		0.19		<0.1		0.24		0.21		0.18		0.16
Chlorophyll a(mg/m ³)	32211	<1	<1	1.57	3.38	1.69	8	11.2	5.34	6.1	6.9	2.31	3.77
Pheophytin(mg/m ³)	32218	6.95	3.72	2.12	<1	4.93	6.3	7.35	4.84	4.15	2.35	<1	1.11
Total Kjeldahl Nitrogen (mg/L)	00625	0.55	0.22	<0.2	0.2	0.34	0.2	0.39	<0.2	0.57	0.57	<0.2	<0.2

Parameter	Date and 24 hour time												
	Parameter Code	10/2/13	11/18/13	12/4/13	1/13/14	2/5/14	3/10/14	4/9/14	5/8/14	6/10/14	7/2/14	8/6/14	8/21/14
Flow (cfs)	00061	304	321	221	203	178	256	154	69	171	123	46	38
E. coli(org/100mL)	31699	28	31	35	12	17	22	11	14	8	2	1	3
Suspended Solids(mg/L)	00530	17.9	12.9	8.6	9.70	10.3	10.3	10.6	7.10	3.80	9.70	2.70	4.90
Turbidity(NTU)	82079	32.2	18.8	9.4	8.9	10.7	7.1	6.9	7.3	4.1	6.9	2.8	
pH	00400	7.8	7.8	7.8	8.0	7.2	7.9	7.6	8.0	7.5	7.6	7.4	7.7
Temperature(C)	00010	27.1	19.3	14	11.7	10.6	14.2	19.9	24.4	28.7	29.8	30.0	31.2
Dissolved Oxygen(mg/L)	00300	6	6.8	8.9	11.1	10.7	7.6	8.1	6.0	7.5	6.4	5.5	8.8
Conductivity(umhos/cm)	00094	385	394	531	553	542	563	521	533	463	436	466	441
Total Phosphorus(mg/L)	00665	0.11	0.07	0.06	0.03	0.03	0.03	0.02	0.04	0.07	0.04	0.04	0.03
Nitrate-N(mg/L)	00620	0.2	0.93	1.05	0.74	0.53	0.95	0.14	0.15	0.28	<0.05	<0.05	<0.05
Chloride(mg/L)	00940	23.5	14.7	20	27.2	28.0	30.1	30.6	31.2	24.2	24.3	29.1	
Sulfate(mg/L)	00945	26.9	20	27.1	36.0	34.9	37.0	37.3	35.3	28.7	27.3	30.1	
Total Hardness(mg/L)	00900	156	174	243	250	232	237	211	216	197	178	183	
Ammonia-N(mg/L)	00610		<0.1		<0.10		0.22		0.33		0.32	0.12	0.13
Chlorophyll a(mg/m ³)	32211	<1	2.61	3.2	6.59	4.09	---	11.1	1.10	6.73	1.70	1.87	<1
Pheophytin(mg/m ³)	32218	1.11	<1	<1	<1.0	<1.0	---	<1.0	1.12	<1.0	<1.0	<1.00	
Total Kjeldahl Nitrogen (mg/L)	00625		0.45		0.24		0.335		0.393		0.51		0.45

TABLE 15(cont.)

TCEQ Segment 1804
 TCEQ Station 15110
 Station Number 15 Guadalupe River at H-5 Dam near Gonzales
 Latitude 29/28/06 Longitude 97/29/30

Parameter	Date and 24 hour time												
	Parameter Code	9/3/14	10/6/14	11/3/14	12/1/14	1/5/15	2/3/15	3/11/15	5/8/15	5/7/15	6/9/15	7/9/15	8/3/15
Flow (cfs)	00061	32	211	87	174	125	122	526	294	477	4842	10	569
E. coli(org/100mL)	31699	4	8	6	76	23	16	660	12	14	200	20	2
Suspended Solids(mg/L)	00530	7.20	9.80	6.10	10.2	5.5	6.20	6.10	2.30	18.7	247	14.8	24.7
Turbidity(NTU)	82079	5.6	6.2	3.8	6.5	5.3	4.9	6.8	2.3	20.4	179	13.1	20.7
pH	00400	8.1	8.0	8.2	7.7	7.8	8.2	7.7	8.0	7.5	8.0	8.0	8.0
Temperature(C)	00010	30.2	26.5	21.8	16.4	10.6	12.6	12.0	23.6	24.8	20.7	28.9	31.2
Dissolved Oxygen(mg/L)	00300	7.5	7.4	8.8	8.6	11.2	10.3	10.2	10.0	5.8	11.0	7.7	6.8
Conductivity(umhos/cm)	00094	463	486	468	522	445	524	500	509	450	417	469	512
Total Phosphorus(mg/L)	00665	0.04	0.04	0.03	0.11	0.04	0.06	0.05	0.08	0.11	0.13	0.04	0.03
Nitrate-N(mg/L)	00620	<0.05	<0.05	<0.05	0.62	0.56	1.07	0.64	0.59	1.05	0.38	0.69	0.65
Chloride(mg/L)	00940	31.9	34.7	36.3	31.4	445	25.2	26.0	24.9	18.0	18.9	18.2	21.5
Sulfate(mg/L)	00945	31.9	33.5	37.6	35.8	29.2	33.6	32.5	32.7	24.6	22.4	27.4	26.5
Total Hardness(mg/L)	00900	184	179	181	214	199	247	268	218	250	289	249	226
Ammonia-N(mg/L)	00610	0.27		0.22	0.31	0.11		<0.10		0.10		<0.10	
Chlorophyll a(mg/m ³)	32211	4.06	2.73	3.08	2.43	<1.0	2.79	1.69	1.69	1.96	4.45	4.75	4.45
Pheophytin(mg/m ³)	32218	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.47	21.1	1.69	1.16
Total Kjeldahl Nitrogen (mg/L)	00625	0.49		0.36	<0.20	<0.20		0.32		0.41		0.34	

Parameter	Date and 24 hour time												
	Parameter Code	9/2/15	12/2/15	3/1/16	6/8/16	9/7/16	12/12/16	3/13/17	6/5/17	9/18/17	1/23/18	3/13/18	6/14/18
Flow (cfs)	00061	450	1027	579	6470	1063	865	1717	770	287	376	356	169
E. coli(org/100mL)	31699	2	58	72	170	66	120	780	25	8	23	30	1
Suspended Solids(mg/L)	00530	30.8	17.7	18.1	186	21.9	20.40	107	11.2	13.4	7.80	21.8	41.0
Turbidity(NTU)	82079	30.1	15.3	20.5	128	24.4	23.3	109	11.3	9.6	7.2	9.8	19.9
pH	00400	8.1	7.9	7.8	8.0	8.0	7.7	7.7	8.2	8.1	8.2	8.1	8.1
Temperature(C)	00010	29.4	16.3	18.3	23.5	29.0	12.6	18.3	28.0	28.5	10.6	18.1	31
Dissolved Oxygen(mg/L)	00300	7.9	8.8	8.7	8.7	6.9	10.7	8.2	8.3	7.4	11.4	9.5	7.5
Conductivity(umhos/cm)	00094	512	518	538	436	524	369	358	555	544	568	557	528
Total Phosphorus(mg/L)	00665	0.06	0.05	0.05	0.10	0.05	0.15	0.19	0.04	0.04	0.02	0.04	0.05
Nitrate-N(mg/L)	00620	0.66	1.25	1.32	0.53	1.05	1.25	1.02	1.90	1.44	2.15	1.7	0.88
Chloride(mg/L)	00940	22.7	20.8	24.8	15.5	17	16.9	14.2	24.0	24.4	26.1	25.5	31.3
Sulfate(mg/L)	00945	27.5	25.7	31.6	19.3	20.9	25.8	18.6	33.6	33.0	34.8	33.2	37.8
Total Hardness(mg/L)	00900	239	242	245	296	256	163	204	245	242	260	250	220
Ammonia-N(mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a(mg/m ³)	32211	5.34	<1.00	5.52	2.67	2.43	<1.00	1.34	4.92	7.42	<1.00	3.94	6.68
Pheophytin(mg/m ³)	32218	1.71		<1.0	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	3.56
Total Kjeldahl Nitrogen (mg/L)	00625	0.50	0.36	0.50	0.60	<0.20	0.63	1.22	0.24	0.28	<0.20	1.04	1.93

Parameter	Date and 24 hour time		
	Parameter Code	9/17/18	12/5/18
Flow (cfs)	00061	559	861
E. coli(org/100mL)	31699	130	13
Suspended Solids(mg/L)	00530	18.2	13.0
Turbidity(NTU)	82079	32.6	8.2
pH	00400	8.0	7.8
Temperature(C)	00010	27.7	15.8
Dissolved Oxygen(mg/L)	00300	8.1	9.8
Conductivity(umhos/cm)	00094	467	523
Total Phosphorus(mg/L)	00665	0.10	0.06
Nitrate-N(mg/L)	00620	1.61	1.34
Chloride(mg/L)	00940	23.3	21.4
Sulfate(mg/L)	00945	31.2	26.8
Total Hardness(mg/L)	00900	210	255
Ammonia-N(mg/L)	00610	<0.10	<0.10
Chlorophyll a(mg/m ³)	32211	1.63	<1.00
Pheophytin(mg/m ³)	32218	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.30	0.3