

TABLE 11

TNRCC Segment 1813  
 TNRCC Station 12668  
 Station Number 11 Blanco River at FM 165 Bridge crossing near City of Blanco  
 Latitude 30/05/27 Longitude 98/24/06

Parameter	Parameter Code	Date and 24 hour time											
		10/28/96 1452	11/4/96 1316	12/9/96 1304	1/20/97 1145	2/10/97 910	3/18/97 1145	4/14/97 945	5/13/97 1106	6/16/97 1205	7/15/97 1155	8/18/97 1335	9/29/97 1220
Flow (cfs)	61	18	2.2	6.52	35	12.5	122	262	105	329	152	98	
Fecal Coliform(org/100mL)	31616	159	6	0	2	2	42	22	120	175	86	16	12
Suspended Solids(mg/L)	530	3.3	1	<1.0	1.3	1.8	4.4	11.5	6.9	9.4	7.2	3.6	1.9
Turbidity(NTU)	82079	0.9	0.68	0.44	1.4	1.8	4.4	8.5	4.6	4.2	2.5	2	1.2
pH	400	8.1	8.05	8.08	9	8.28	8.45	8.04	8.22	7.26	7.42	8.42	7.99
Temperature(C)	10	23.5	17.97	14.68	8.91	11	16.01	14.65	21.24	26.48	28.1	29.5	26.22
Dissolved Oxygen(mg/L)	300	8.34	10.05	10.55	11.85	10.19	11.4	10.08	9.38	8.39	7.94	8.2	8.43
Conductivity(umhos/cm)	94	481	563	622	480	475	500	436	543	515	508	510	474
Total Phosphorus(mg/L)	665	0.01	0.03	0.06	0.13	0.05	0.01	<0.05	<0.05	0.05	0.09	0.09	0.05
Nitrate-N(mg/L)	630	0.04	<0.02	<0.02	0.37	0.26	0.55	0.81	1.78	0.84	1.62	1.25	0.74
Chloride(mg/L)	940	17.3	16.4	30.5	13	14.3	17.6	12.4	27.5	9	13.6	13.1	14.5
Sulfate(mg/L)	945	81.2	121	141	35.3	39.2	26.4	25.2	27.7	23	31	36	36.2
Total Hardness(mg/L)	900	217	260	230	238	248	230	238	133	274	232	160	294
Ammonia-N(mg/L)	610	0.18		0.07		0.15		0.33		0.08		0.07	
E. coli(org/100mL)	31648	25	33	0	2	2	36	16	70	138	72	18	12
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	1.33	<1.0	2.67	11.1	<1.0	<1.0	<1.0	<1.0	1.1	1	<1.0

Parameter	Parameter Code	Date and 24 hour time											
		10/20/97 1420	11/17/97 1336	12/8/97 1518	1/12/98 1334	2/9/98 1341	3/17/98 1300	4/13/98 1258	5/20/98 1023	6/11/98 1037	7/13/98 1359	8/10/98 1340	9/16/98 1022
Flow (cfs)													
Fecal Coliform(org/100mL)	31616	16	16	4	8	80	950	10	10	102	2	5	2300
Suspended Solids(mg/L)	530	2.2	<1.0	3.4	2.4	1.9	20	7.2	1	<1.0	2.8	1.5	5.1
Turbidity(NTU)	82079	1.8	4	1.6	3.1	1.6	28	3.4	1.4	1.7	2.6	2.3	5.9
pH	400	8.07	8.26	8.1	7.85	7.95	8.3	8.07	8.07	7.88	7.66	7.94	8.23
Temperature(C)	10	22.35	11.8	14.32	14.38	13.59	16.38	22.16	25.13	26.18	33.75	32.12	25.79
Dissolved Oxygen(mg/L)	300	9.49	11.82	11.56	10.72	11.29	10.12	10.03	8.21	8.37	8.08	7.94	7.97
Conductivity(umhos/cm)	94	520	486	478	475	485	411	490	488	444	418	395	405
Total Phosphorus(mg/L)	665	<0.05	<0.05	<0.05	0.09	<0.05	0.14	<0.05	0.12	0.14	0.02	0.08	<0.01
Nitrate-N(mg/L)	630	0.69	0.61	0.36	0.46	0.41	0.48	0.54	0.57	0.35	<0.02	<0.02	0.36
Chloride(mg/L)	940	12.8	14.7	14.4	11.9	9.3	11.4	11.2	12.6	12.4	12	13.5	15.3
Sulfate(mg/L)	945	64.6	35.4	32.3	23.9	41.6	5.3	25.6	35.9	29.6	28.7	33.3	31.7
Total Hardness(mg/L)	900	264	285	189	233	258	210	227	234	156	141	208	168
Ammonia-N(mg/L)	610	0.06		0.07		0.25		<0.1		0.12		0.11	
E. coli(org/100mL)	31648	14	16	4	6	76	875	10	0	88	0	5	400
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.7	1.2	7	3.4	2.5	<1.0	4	<1.0	<1.0	<1.0	<1.0	<1.0

Parameter	Parameter Code	Date and 24 hour time											
		10/30/98 1115	11/18/98 1044	12/8/98 1100	1/11/99 958	2/9/99 1210	3/15/99 955	4/13/99 951	5/12/99 940	6/14/99 1255	7/12/99 1012	8/12/99 1442	9/14/99 1055
Flow (cfs)										14.4	20.8		
Fecal Coliform(org/100mL)	31616	133	156	127	2	3	4	14	25	2	12	0	6
Suspended Solids(mg/L)	530	3.8	1.1	1.6	<1.0	4.2	<1.0	2.2	<1.0	<1.0	<1.0	1.8	1.5
Turbidity(NTU)	82079	1	2	1.9	1.7	2.3	1.4	1.7	2.1	1.2	1.2		2.5
pH	400	7.95	7.68	7.67	7.2	7.71	7.3	8.01	8	8.21	8.17	8.2	8.38
Temperature(C)	10	22.6	19.1	15.93	10.28	20.77	14.48	23.37	23.91	29.38	28.67	33.34	25.3
Dissolved Oxygen(mg/L)	300	9.12	9.61	9.91	11.24	10.34	10.76	8.34	8.35	8.9	9.41	9.31	9.55
Conductivity(umhos/cm)	94	518	561	552	550	519	512	466	455	387	369	361	350
Total Phosphorus(mg/L)	665	0.01	<0.01	<0.01	0.07	0.01	0.05	<0.01	0.08	0.11	0.032	<0.01	<0.01
Nitrate-N(mg/L)	630	0.82	0.84	1.3	1.3	0.95	0.44	<0.02	0.17	0.02	0.02	<0.02	<0.02
Chloride(mg/L)	940	12.2	10.8	13.1	12.1	13.6	10.3	13.4	11.8	14.6	9.1	15.2	15.6
Sulfate(mg/L)	945	20.4	20.3	15	31.3	34	30.8	24	26.4	22.5	29	7	26.4
Total Hardness(mg/L)	900	251	198	284	253	226	248	231	205	166	204	162	166
Ammonia-N(mg/L)	610	0.07		0.06		0.06		0.1		0.09		0.12	
E. coli(org/100mL)	31648	112	96	124	2	2	4	11	8	2	4	0	0
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	<1.0	<1.0	5.4	1	<1.0	<1.0	1.6	<1.0	<1.0	1.4	1.8
Total Dissolved Solids(mg/L)	70300	246											

TABLE 11 (cont)

TNRCC Segment 1813  
 TNRCC Station 12668  
 Station Number 11 Blanco River at FM 165 Bridge crossing near City of Blanco  
 Latitude 30/05/27 Longitude 98/24/06

Parameter	Parameter Code	Date and 24 hour time											
		10/19/99 1002	11/9/99 1042	12/14/99 959	1/24/00 1034	2/14/00 1013	3/21/00 1101	4/17/00 1404	5/9/00 1242	6/26/00 1051	7/18/00 1142	8/00	9/00
Flow (cfs)			0.95	0.45	3.38	0.712	0.84	0.78	2.02	1.8	1	no flow	no flow
Fecal Coliform(org/100mL)	31616	82	9	46	35	5	27	2	18	107	16		
Suspended Solids(mg/L)	530	<1.0	<1.0	1	1.4	2.4	2	1.4	3.6	2.8	1.6		
Turbidity(NTU)	82079	2.5	2.4	1.1	1.4	2.3	2.1	1.2	1.7	1.9	1.4		
pH	400	8.71	8.29	8.26	8.38	7.83	8.27	8.22	8.06	8.19	8.14		
Temperature(C)	10	22.53	15.9	7.8	12.77	13.25	17.36	26.89	24.7	28.83	28.31		
Dissolved Oxygen(mg/L)	300	9.96	9.74	11.42	9.56	9.71	8.66	9.01	6.94	9.32	7.11		
Conductivity(umhos/cm)	94	347	416	429	529	576	592	597	586	483	522		
Total Phosphorus(mg/L)	665	0.11	0.088	0.053	0.024	<0.01	0.014	0.041	0.06	0.04	0.01		
Nitrate-N(mg/L)	630	<0.02	<0.02	0.04	<0.02	<0.02	<0.02	<0.02	0.44	0.02	<0.02		
Chloride(mg/L)	940	15.5	15.9	16.2	17.2	27.4	19.5	21	20.8	20.1	26.7		
Sulfate(mg/L)	945	29.6	37.9	49.9	71.7	116	97.9	119	107	103	113		
Total Hardness(mg/L)	900	172	189	216	265	278	283	263	263	256	222		
Ammonia-N(mg/L)	610	0.16		0.11		0.22		0.34		0.07			
E. coli(org/100mL)	31648	30	8	46	20	4	0	2	17	40	12		
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1.0	<1.0	<1.0	2.9	3.9	2	<1	2.8	1.6	<1		
Total Dissolved Solids(mg/L)	70300	246											

Parameter	Parameter Code	Date and 24 hour time											
		10/31/00 1048	11/27/00 1121	12/14/00 1043	1/22/01 1133	2/21/01 1001	3/19/01 956	4/9/01 1048	5/1/01 1021	6/28/01 1245	7/16/01 937	8/15/01 1019	9/12/01 1039
Flow (cfs)		2.5	70.7	60.3	75	125	150	125	59.2	10	5	6	61.36
Fecal Coliform(org/100mL)	31616	40	52	12	2	41	16	16	10	61	6	8	94
Suspended Solids(mg/L)	530	4.5	2.3	2.2	1.4	2.9	3.5	3.4	3.8	4.6	3.3	4.1	6.6
Turbidity(NTU)	82079	3.2	1.1	2	1.9	2.5	4.5	2.5	2.5	4.6	2.4	1.8	4.8
pH	400	7.62	8.26	8.15	8.09	8.06	8.15	7.96	8.03	7.67	7.65	7.74	7.98
Temperature(C)	10	23.38	13.39	10.89	9.11	17.17	12.62	22.52	22.62	29.9	30.04	28.72	25.83
Dissolved Oxygen(mg/L)	300	9.27	13.33	12.61	13.48	10.25	12.42	9.03	9.12	10	7.9	8.18	8.65
Conductivity(umhos/cm)	94	642	521	576	550	554	536	536	522	506		473	451
Total Phosphorus(mg/L)	665	0.28	0.02	0.04	0.02	0.04	<0.01	0.01	0.04	0.02	<0.01	0.04	0.17
Nitrate-N(mg/L)	630	0.12	1.36	1.38	1.01	1.13	0.88	0.92	0.84	0.21	0.09	<0.02	0.44
Chloride(mg/L)	940	23.2	13	11.6	12.1	11.2	12.8	12.3	13.1	21	28.6	18	9.6
Sulfate(mg/L)	945	162	34	41.3	25.2	25.3	25	25.3	28	31.4	29.4	25.8	5
Total Hardness(mg/L)	900	306	280	280	287	277	252	310	253	201	219	199	218
Ammonia-N(mg/L)	610	0.06		0.16		<0.02		0.02		0.04		0.03	
E. coli(org/100mL)	31648	24	38	10	2	36	16	<1	8	32	6	6	<1
Chlorophyll a(mg/m <sup>3</sup> )	32211	7.8	<1	<1	1.5	<1	<1	<1	<1	<1	<1	4.3	5.2

Parameter	Parameter Code	Date and 24 hour time											
		10/15/01 1033	11/18/01 1232	12/17/01 1131	1/22/02 1410	2/12/02 1349	3/18/02 1242	4/24/02 1315	5/16/02 1356	6/11/02 1219	7/24/02 1354	8/16/02 1115	9/23/02 1244
Flow (cfs)		70	25	100	30.4	21.7	42.7	33	14.5	6.28	248		53
Fecal Coliform(org/100mL)	31616	840	192	**									
Suspended Solids(mg/L)	530	19.2	2.7	3.4	4.2	2.4	2.3	2.3	2.9	1.9	4.5	8	4.7
Turbidity(NTU)	82079		2.5	1.7	3.7	1.5	1.4	1.8	2.2	0.8	3.3	5.6	3.5
pH	400	7.81	8.04	8.08	8.07	8.12	8.12	8.15	8.08	8.15	8.01	7.81	7.97
Temperature(C)	10	19.89	20.77	14.72	14.09	12.25	18.96	26.92	26.17	28.95	29.13	28.2	24.4
Dissolved Oxygen(mg/L)	300	9.14	9.92	11.29	11.33	12.21	9.85	10.03	8.11	7.37	8.61	9.09	9.03
Conductivity(umhos/cm)	94	469	488	533	525	541	428	470	473	440	526	450	492
Total Phosphorus(mg/L)	665	0.1	<0.01	0.13	0.07	0.11	<0.01	0.04	0.02	0.02	0.06	<0.01	<0.05
Nitrate-N(mg/L)	630	0.38	0.26	0.99	1.1	1.2	0.84	0.39	0.08	0.08	1.44	0.83	0.88
Chloride(mg/L)	940	9.7	13.2	12.1	13.9	12.4	11.7	11.1	11	11.8	9.19	10.8	11
Sulfate(mg/L)	945	29.2	25.7	23.4	29.3	13.2	31.1	25.2	28	25.2	22.9	30.2	33.2
Total Hardness(mg/L)	900	162	228	193	262	232	280	182	235	200	269	236	253
Ammonia-N(mg/L)	610	0.07		<0.02		<0.02		0.05		0.02		0.03	
E. coli(org/100mL)	31699	660	66	88	15	3	31	10	66	120	36	71	34
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<1	1.6	2.3		<1	3	4.3	<1	2.2	<1
Pheophytin(mg/m <sup>3</sup> )	32218			2.8	1.1	2.1		<1	<1	<1	5.3	3.5	<1

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

TABLE 11 (cont)

TNRCC Segment 1813  
 TNRCC Station 12668  
 Station Number 11 Blanco River at FM 165 Bridge crossing near City of Blanco  
 Latitude 30/05/27 Longitude 98/24/06

Parameter	Parameter Code	Date and 24 hour time											
		10/30/02 1336	11/13/02 1254	12/17/02 1500	1/10/03 1312	2/27/03 1003	3/21/03 1137	4/17/03 1229	5/16/03 1037	6/17/03 1230	7/29/03 1147	8/18/03 1230	9/10/03 1146
Flow (cfs)		99	68.6	96.7	74.2	201	98	55.2	14.4	24.5	13.5	7.78	8.96
E. coli(org/100mL)	31699	49	41	13	21	75	14	17	53	86	29	11	5
Suspended Solids(mg/L)	530	9.9	6.5	3.4	3.8	3.3	10.8	4.6	3.2	3.3	2	<1	1.4
Turbidity(NTU)	82079	5	3.1	2.9	2.7	1.8	4	4.5	2	3.5	2	1.6	0.23
pH	400	8.03	8.05	8.05	8.14	7.97	7.81	7.79	7.88	7.54	8.2	7.92	8.22
Temperature(C)	10	20.7	16.8	15.9	13.2	8.13	16.3	21.8	27	27	29.6	30.2	28.3
Dissolved Oxygen(mg/L)	300	9.58	10.94	11.2	11.3	13.9	11	10.2	7.36	10.4	6.98	8.35	8.38
Conductivity(umhos/cm)	94	481	514	514	534	530	514	509	503	415	416	442	436
Total Phosphorus(mg/L)	665	<0.05	0.12	0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.08	0.02	0.02	0.03
Nitrate-N(mg/L)	630	0.25	0.3	0.41	0.31	0.29	0.65	0.55	0.18	0.13	0.05	0.03	0.04
Chloride(mg/L)	940	<10	9.5	9.9	10	9.49	10.3	12.5	12.2	8.07	10.8	10.7	12.2
Sulfate(mg/L)	945	17.1	21.4	23.8	25.8	21.2	26.5	33.5	38.2	16.1	24	25.6	32.8
Total Hardness(mg/L)	900	268	271	272	261	270	267	249	239	162	208	247	204
Ammonia-N(mg/L)	610	<0.02				<0.02		0.03		0.04		0.06	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	2.6	<1	<1	<1	<1	1.33	3.96	<1.0	<1	<1
Pheophytin(mg/m <sup>3</sup> )	32218	<1	2.3	1.8	1.76	4.61	3.19	2.86	<1	<1	1.37	1	<1

Parameter	Parameter Code	Date and 24 hour time											
		10/02/03 1104	11/06/03 1207	12/02/03 1446	01/14/04 1221	02/18/04 1025	03/09/04 1135	04/13/04 1138	05/10/04 1030	06/16/04 1138	7/16/04 1042	8/6/04 1123	9/17/04 1227
Flow (cfs)		9.15	10.7	9.4	10	26.4	33.9	233	144	276	187	196	21.9
E. coli(org/100mL)	31699	15	35	7	3	9	6	410	39	29	43	31	72
Suspended Solids(mg/L)	530	1	1	<1	1.1	3.5	1.9	5.5	8.3	5.6	4.8	12.5	7.2
Turbidity(NTU)	82079	1.65	1.23	1.26	0.84	3.3	1.09	10.1	5.96	1.74	7.59	7	6.3
pH	400	8.33	8.3	8.42	8.04	8.11	8.21	8.25	7.95	7.88	7.43	7.94	7.92
Temperature(C)	10	22.7	21.8	16	13	11.3	18	14.6	23	25.6	27.7	29.9	28.4
Dissolved Oxygen(mg/L)	300	8.8	8.22	11.1	9.45	10.5	9.88	8.4	8.62	7.71	7.43	7.31	7.8
Conductivity(umhos/cm)	94	442	457	310	491	435	472	471	489	486	481	492	476
Total Phosphorus(mg/L)	665	0.04	<0.02	0.14	0.05	0.02	0.04	0.07	0.04	0.08	0.07	0.06	<0.05
Nitrate-N(mg/L)	630	<0.02	0.05	0.03	0.22	0.11	0.16	0.09	0.07	0.06	0.78	0.27	0.31
Chloride(mg/L)	940	10.4	11.1	11.4	18.7	11	10.5	8.14	8.2	8.66	9.98	10.1	10.5
Sulfate(mg/L)	945	25.9	26.2	28.8	22.1	21.9	19.8	16.8	18.5	18.3	23.6	26.9	26.9
Total Hardness(mg/L)	900	209	215	223	238	233	227	252	240	251	244	245	238
Ammonia-N(mg/L)	610	0.13		0.03		0.02		0.03		0.02		0.1	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5	<1	<1
Pheophytin(mg/m <sup>3</sup> )	32218	<1	1	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3	<3	<3

Parameter	Parameter Code	Date and 24 hour time											
		10/12/04 1145	11/8/04 1118	12/07/04 1147	1/10/05 1351	2/8/05 1125	3/1/05 1211	4/1/05 1151	5/4/05 1032	6/1/05 1240	7/5/05 1043	8/2/05 1107	9/13/05 1050
Flow (cfs)		29.7	101	91.6	91.1	97	127	200	59.6	200	16.5	7.1	7
E. coli(org/100mL)	31699	39	63	122	29	37	21	16	100	1700	6	30	20
Suspended Solids(mg/L)	530	10.8	7.9	4.5	2.5	3.4	4.8	8.1	7.3	14.5	3.6	4.3	4
Turbidity(NTU)	82079	8.3	5.5	4.9	3.3	2.1	3.1	7.7	5.9	19.3	2.9	4.2	3.7
pH	400	8.05	7.99	8.04	7.93	8.05	7.92	7.92	7.94	8.14	7.98	8	7.95
Temperature(C)	10	22.7	17.7	16.5	15.9	13.6	15.9	19	20.2	27.1	29.7	29.1	27.6
Dissolved Oxygen(mg/L)	300	9.35	10.9	13.5	10.7	11.5	12.5	10.31	9.64	8.7	7.71	8.25	7.54
Conductivity(umhos/cm)	94	492	505	570	555	515	503	562	509	423	462	459	432
Total Phosphorus(mg/L)	665	0.05	<0.05	0.08	0.07	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	<0.05
Nitrate-N(mg/L)	630	0.12	0.38	0.96	1.01	0.6	0.4	0.6	0.57	0.35	0.2	0.13	0.04
Chloride(mg/L)	940	9	8.2	9.3	10.4	10.5	9.2	9.8	10.2	9.4	12	12.7	11.8
Sulfate(mg/L)	945	20.5	18.3	25	31.5	26.4	21.2	23.6	25.5	21.5	30.5	33.2	31.3
Total Hardness(mg/L)	900	243	262	285	278	258	256	261	258	209	216	220	204
Ammonia-N(mg/L)	610	0.05		<0.02		<0.02		0.03		0.02		0.02	
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.3	<1	<1	<1	3.4	<1	<1	<1	<1	1.1	1.1	<1
Pheophytin(mg/m <sup>3</sup> )	32218	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	3

TABLE 11 (cont)

TNRCC Segment 1813  
 TNRCC Station 12668  
 Station Number 11 Blanco River at FM 165 Bridge crossing near City of Blanco  
 Latitude 30/05/27 Longitude 98/24/06

Parameter	Parameter Code	Date and 24 hour time											
		10/3/05 1115	11/3/05 1043	12/1/05 1118	1/3/06 1125	2/3/06 1139	3/1/06 1139	4/3/06 1140	5/3/06 1138	6/6/06 1213	7/11/06 1240	8/8/06 1143	9/7/06 1108
Flow (cfs)		3.1	4.4	4.5	2.9	3.7	6.3	5.2	2.96	2.2	1	0	0
E. coli(org/100mL)	31699	41	34	40	11	400	30	2	11	96	240	19	110
Suspended Solids(mg/L)	530	1.7	3.3	8.7	2.3	4	4	3.3	9	6.3	4	4.7	2
Turbidity(NTU)	82079	2.8	1.3	2.8	1.6	2.8	1.9	2	4.5	4.7	4.7	4.7	3.4
pH	400	7.99	8.13	8.09	8.21	8.09	8	8.21	8.23	8.23	8.2	8.24	8.36
Temperature(C)	10	26.9	17.8	13.8	14.1	14.8	19	22.9	24.9	29	29.6	29.2	22.8
Dissolved Oxygen(mg/L)	300	7.39	10.17	12	11.8	11.4	11	8.78	9.03	9.62	7.97	8.74	10.4
Conductivity(umhos/cm)	94	421	402	479	494	500	478	424	393	410	409	407	390
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)	630	0.04	0.08	0.06	0.14	0.11	0.1	0.07	0.02	0.04	0.01	<0.02	<0.02
Chloride(mg/L)	940	13	13.3	12.9	13.4	13.5	13.9	14.4	11	11	12.4	14.5	17.1
Sulfate(mg/L)	945	32.9	39.3	38.8	50	42.1	42	36.6	29.4	22.5	25.2	26.2	32.1
Total Hardness(mg/L)	900	221	242	240	256	240	168	158	203	196	187	196	184
Ammonia-N(mg/L)	610	0.03		0.04		0.02		0.02		0.02		0.02	
Chlorophyll a(mg/m <sup>3</sup> )	32211	2.4	<1	2.3	1.4	1.2	<1	1.2	8.3	1.6	1.3	<1	1.4
Pheophytin(mg/m <sup>3</sup> )	32218	<3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

Parameter	Parameter Code	Date and 24 hour time											
		10/11/06 1326	11/2/06 1108	12/4/06 1154	1/10/07 1246	2/7/07 1143	3/5/07 1312	4/2/07 1113	5/7/07 1116	6/11/07 1239	7/10/07 1046	8/8/07 1123	9/17/07 1137
Flow (cfs)		0.02	0.22	<0.01	0.9	13	5.8	390	414	187	344	368	170
E. coli(org/100mL)	31699	160	11	<1	18	2	10	84	170	36	88	39	60
Suspended Solids(mg/L)	530	12.7	3.7	<1	2.7	7.3	5	5	8	11	16	8.7	4
Turbidity(NTU)	82079	10.2	2.7	0.5	2.7	6.3	7.1	5.1	6.3	7.2	11.4	5.4	6.39
pH	400	8.36	8.42	8.18	8.19	7.98	8.05	8.28	8.22	7.96	8.02	8	7.94
Temperature(C)	10	21.8	14.8	7	9.9	13.2	14.5	21.3	22.6	27.7	26.7	26.9	26
Dissolved Oxygen(mg/L)	300	8.51	10.9	13.9	12.5	12	12.1	9.03	11	10.8	9.29	8.53	8.66
Conductivity(umhos/cm)	94	354	404	455	482	538	499	491	528	500	499	480	467
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)	630	0.1	<0.02	<0.02	<0.02	0.37	0.12	0.38	0.43	0.67	0.4	0.54	0.88
Chloride(mg/L)	940	16.2	18.2	21.4	14.6	12	11.9	7.6	5.4	9.6	8.1	8	8.76
Sulfate(mg/L)	945	50.5	39.4	48.7	54	45.1	41.3	19.1	20.2	25.9	20.7	22.1	23.9
Total Hardness(mg/L)	900	180	162	202	205	228	244	246	273	268	246	244	241
Ammonia-N(mg/L)	610	<0.02		0.03		<0.02		0.02		0.02		0.02	
Chlorophyll a(mg/m <sup>3</sup> )	32211	2	<1	<1	1.2	1.4	2.4	<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

Parameter	Parameter Code	Date and 24 hour time											
		10/10/07 1056	11/12/07 1055	12/10/07 1348	1/9/08 1029	2/12/08 1110	3/10/08 1244	4/8/08 1058	5/6/08 1038	6/10/08 1051	7/2/08 1151	8/5/08 1148	9/8/08 1215
Flow (cfs)	61	111	40	68	14	11	21	5.5	3.7	0.14	<1.0	0.05	0.12
E. coli(org/100mL)	31699	50	20	27	8	11	8	4	15	41	44	3	1
Suspended Solids(mg/L)	530	<1	5.3	14	1	9	7	<1	<1	2.3	1.7	2.3	4.3
Turbidity(NTU)	82079	4.2	3.03	2.07	1.2	1.8	5.2	1.6	2	0.8	2.4		3
pH	400	8.03	7.98	8.1	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.2	8.3
Temperature(C)	10	24.5	20.5	16	14	15.9	14.7	22.3	22.7	28.6	28.1	30.3	27.6
Dissolved Oxygen(mg/L)	300	10.2	10.1	10.9	10.9	11.4	11.9	8.3	7.6	8.4	8.2	8.1	7.5
Conductivity(umhos/cm)	94	490	485	524	508	458	484	444	440	445	438	427	385
Total Phosphorus(mg/L)	665	0.05	<0.05	<0.05	<0.05	0.19	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.31
Nitrate-N(mg/L)	630	0.43	0.42	0.93	0.35	0.27	0.25	0.13	0.12	0.12	0.1	0.12	<0.05
Chloride(mg/L)	940	9.65	11.2	9.2	9.4	10.3	11.2	10.6	12.5	13.2	15.9	18.6	12.7
Sulfate(mg/L)	945	27.2	33.3	27.7	29.1	33.4	33	31.4	33.2	31.9	35	36.6	25
Total Hardness(mg/L)	900	242	247	291	266	254	231	228	224	245	223	192	151
Ammonia-N(mg/L)	610	<0.1		<0.1		0.16		<0.1		<0.1		0.12	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	<1	2.3	<1	1.5	2.6	<1	1.2	1.6	1.5	1.5	2
Pheophytin(mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	625	<0.5		<0.5		<0.5		<0.5		0.38		0.57	

TABLE 11 (cont)

TNRCC Segment 1813  
 TNRCC Station 12668  
 Station Number 11 Blanco River at FM 165 Bridge crossing near City of Blanco  
 Latitude 30/05/27 Longitude 98/24/06

Parameter	Parameter Code	Date and 24 hour time											
		10/6/08 1205	11/11/08 1111	12/3/08 1202	1/5/09 1041	2/2/09 1054	3/9/09 1146	4/8/09 1043	5/4/09 1230	6/1/09 1129	7/07/09 1037	8/05/09 1127	9/08/09 1113
Flow (cfs)	61	0.08	0.04	0.07	0.14	<0.01	<0.01	0.03	1.3	0.08	0.05	0.03	<0.01
E. coli(org/100mL)	31699	14	6	1	6	3	3	4	40	79	520	6	21
Suspended Solids(mg/L)	530	4.3	2	1.7	2.7	2.7	4.7	4.3	11.7	3	12.7	3.3	5
Turbidity(NTU)	82079	4.1	2.76	2.4	3.03	2.5	2.31	4.5	4.04	2.3	4.3	4.6	4.3
pH	400	8.4	8.1	7.9	8	8.2	8.1	8.3	8.2	8.2	8.1	8	8.4
Temperature(C)	10	23.5	18.8	12.3	10.4	10.6	20.7	16.8	24.8	27.3	28.6	28.1	25.9
Dissolved Oxygen(mg/L)	300		8.6	11.2	12	12.1	8.4	10.3	8.8	8.3	7.2	5.3	4.6
Conductivity(umhos/cm)	94	414	409	431	448	467	464	400	379	387	411	458	482
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)	630	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chloride(mg/L)	940	14.6	14.5	13.1	19.7	14.8	16.3	14.2	11.1	10.2	16.6	20.8	32.9
Sulfate(mg/L)	945	32.3	31.6	28.7	31.7	34.2	37.2	36.4	28.3	26.5	31.2	40.1	49.3
Total Hardness(mg/L)	900	190	204	215	218	222	226	194	190	185	204	194	200
Ammonia-N(mg/L)	610	<0.1		0.12		0.15		0.18		<0.1		0.17	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	1.7	<1	1.3	<1	1.5	1.3	3.6	2.4	1.1	1.1	1.2
Pheophytin(mg/m <sup>3</sup> )	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1.0	<1
Total Kjeldahl Nitrogen (mg/L)	625	0.37		0.33		0.28		0.27		0.64		0.96	

Parameter	Parameter Code	Date and 24 hour time											
		10/07/09 1104	11/09/09 1102	12/02/09 1138	1/11/10 1115	2/10/10 957	3/2/10 1051	4/6/10 1114	5/3/10 1042	6/8/10 1047	7/7/10 1313	8/2/10 1128	9/13/10 1138
Flow (cfs)	61	0.05	14	52	14.1	230	125	63	65.3	42	47	19	92
E. coli(org/100mL)	31699	47	210	280	11	130	52	20	35	40	79	8	90
Suspended Solids(mg/L)	530	4.3	2	9.3	2.7	6.3	7.7	5.3	7.3	10.7	9.7	4.3	3
Turbidity(NTU)	82079	2.8	3.5	5.8	1	3.9	4.8	4.6	4.4	6.7	5.7	3.9	4.8
pH	400	8.4	8.2	8	8	8.1	8.2	8.1	8.1	8.1	8.2	8	8.2
Temperature(C)	10	23.8	18.4	12	5.5	10.6	12.7	21.5	22.3	28.4	29.3	29.9	28.4
Dissolved Oxygen(mg/L)	300	6.5	6.9	9.8	11.4	11.5	11.6	13.8	9.6	6.8	8.4	8.5	8.1
Conductivity(umhos/cm)	94	371	513	517	550	534	543	522	507	467	461	446	457
Total Phosphorus(mg/L)	665	<0.05	<0.05	<0.05	0.06	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	11.5	<0.05
Nitrate-N(mg/L)	630	0.07	0.6	0.6	0.86	0.97	1.17	0.59	0.53	0.23	0.18	30.7	0.2
Chloride(mg/L)	940	15.8	10.6	11.6	14.3	10	13.8	11.7	11.6	10.4	9	11.5	8.6
Sulfate(mg/L)	945	31.3	48.3	41.9	46.7	26.9	32.4	34.4	34.6	28.1	22	30.7	19.7
Total Hardness(mg/L)	900	175	274	298	286	297	286	274	246	237	228	216	238
Ammonia-N(mg/L)	610	0.12		0.14		<0.1		<0.1		0.14		0.15	
Chlorophyll a(mg/m <sup>3</sup> )	32211	<1	1.4	1	8	1.5	2.4	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)	625	0.57		0.28		0.33		0.21		0.3		0.33	

Parameter	Parameter Code	Date and 24 hour time											
		10/5/10 1129	11/6/10 1229	12/3/10 1131	1/4/11 1229	2/14/11 1200	3/1/11 1144	4/6/11 1131	5/9/11 1214	6/1/11 1303	7/7/11 1226	8/3/11 1155	9/6/11 1254
Flow (cfs)	61	60	15	18	11	9.4	8.5	4	3.4	0.2	0.1	<0.01 dry w pools	
E. coli(org/100mL)	31699	34	6	3	11	<1	3	7	61	19	5	47	330
Suspended Solids(mg/L)	530	2.1	1.2	1.1	1.1	1.1	4.3	1.8	1.6	1.7	1.6	2.6	24
Turbidity(NTU)	82079	2.4	1.4	1.2	1.2	1.3	1.6	1.4	1.1	1.2	1.8	1.6	7.1
pH	400	8.1	8.1	8.1	8.1	7.9	8.2	8.1	8	8.2	8.1	8.4	7.8
Temperature(C)	10	21.4	16.6	13.5	11.5	10.8	17.2	20.1	26.8	29.2	31.2	30.9	24.6
Dissolved Oxygen(mg/L)	300	9.3	10.6	10.3	10.6	11.6	11.8	8.2	7.6	7.6	7.4	7.4	5.9
Conductivity(umhos/cm)	94	495	518	532	520	522	505	492	478	450	478	462	672
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	0.07
Nitrate-N(mg/L)	630	0.3	0.39	0.36	0.35	0.29	0.21	0.07	0.05	0.12	0.11	0.1	<0.05
Chloride(mg/L)	940	9.96	11.6	11.9	12.3	12.7	13	13.2	13.8	14.6	18.5	22	44.8
Sulfate(mg/L)	945	26.5	36.5	38.4	40.5	38.3	41	39	38.2	37.7	41.4	44.3	75.7
Total Hardness(mg/L)	900	242	251	274	253	264	254	234	230	218	214	211	286
Ammonia-N(mg/L)	610	<0.1		<0.1		0.1		0.1		0.15		0.32	0.21
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.2	<1	<1	<1	<1	<1	<1	1.1	1.6	<1	2.2	2.3
Pheophytin(mg/m <sup>3</sup> )	32218	<1.0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	625	<0.2		<0.2		0.21		0.28		0.37		0.75	1.95

TABLE 11 (cont)

TNRCC Segment 1813  
 TNRCC Station 12668  
 Station Number 11 Blanco River at FM 165 Bridge crossing near City of Blanco  
 Latitude 30/05/27 Longitude 98/24/06

Parameter	Parameter Code	Date and 24 hour time										
		10/12/11 1220	11/2/11 1220	12/7/11 1243	1/3/2012 1210	2/8/2012 1132	3/5/12 1212	4/9/12 1038	5/1/12 1104	6/13/12 1205	7/9/12 1210	8/13/12 1125
Flow (cfs)	61	0 dry w pools	<0.01	<0.01	0.9	4.3	7.1	7	5.2	5.4	5.1	
E. coli(org/100mL)	31699	370	5	170	5	40	21	37	15	55	38	16
Suspended Solids(mg/L)	530	3.2	1.4	4.8	3	1.1	2.2	4.6	2.1	2.4	4.4	4.83
Turbidity(NTU)	82079	2.1	1.1	16.5	2.9	3.8	2	2.2	2.9	1.3	2.5	2.9
pH	400	8.4	8.1	8.1	8.7	8	8.2	8.1	8	8	7.8	8.1
Temperature(C)	10	25.2	21	5.4	8.5	11.9	17.1	24.1	24.2	28.5	29.6	30.1
Dissolved Oxygen(mg/L)	300	10.8	9	12.8	15.1	10.3	15.7	8.6	9.3	7.6	9.9	9.5
Conductivity(umhos/cm)	94	603	777	519	587	377	542	492	499	487	441	447
Total Phosphorus(mg/L)	665	0.03	0.03	0.02	0.11	0.02	0.02	<0.02	0.02	0.02	0.02	0.02
Nitrate-N(mg/L)	630	<0.05	<0.05	0.07	<0.05	<0.05	0.08	0.23	0.11	0.12	<0.05	0.12
Chloride(mg/L)	940	29.5	81.8	37	47.5	9.64	18.9	12.6	12.9	12.1	12	14.5
Sulfate(mg/L)	945	133	83	60.6	56.6	39	114	39.8	41.1	35.9	35	33.9
Total Hardness(mg/L)	900	246	260	198	213	169	263	236	246	226	207	206
Ammonia-N(mg/L)	610		0.33		0.25		0.2		0.27		0.14	
Chlorophyll a(mg/m <sup>3</sup> )	32211	1.2	<1	<1	4.2	1.0	<1	<1	<1	1.2	5	4.9
Pheophytin(mg/m <sup>3</sup> )	32218	<1	<1	<1	<1.0	<1.0	<1	<1	<1	<1	<1	1.2
Total Kjeldahl Nitrogen (mg/L)	625	0.72	1.33	0.61	1.06	0.46	0.38	0.38	0.26	0.5	0.5	0.43