

TABLE 8

TNRCC Segment 1901
 TNRCC Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time												
	Parameter Code	3/29/88	4/26/88	5/17/88	6/30/88	7/26/88	8/30/88	9/30/88	10/26/88	11/21/88	12/19/88	1/11/89	2/13/89
Fecal Coliform(orc/100mL)	31616					5150	140	1000	330	130	140	165	490
Suspended Solids(mg/L)	530					1194	50.6	70	50.4	56.7	37.2	114	160
Turbidity(NTU)	82079					1065	46	90.7	51.1	63	34.5	86.1	131
pH	400					27.15	7.59	7.3	7.47	8.33	8.39	8.18	8.35
Temperature(C)	10					7.55	28.5	25.35	23.9	14.75	12.49	15.35	16.88
Dissolved Oxygen(mg/L)	300					4.96	6.75	6.76	6.83	8.74	10.21	8.62	9.03
Conductivity(umhos/cm)	94					355	1337	799	1221	1157	1150	1090	968
Total Phosphorus(mg/L)	665					3.44	2.06	2.1	2.62	3.12	3.47	1.76	2.93
Nitrate-N(mg/L)	620					0.86	3.8	4.8	5.9	8.2	12	11.8	4.1
Water Quality Index						0		0					

Parameter	Date and 24 hour time												
	Parameter Code	3/14/89	4/11/89	5/9/89	6/12/89	7/10/89	8/14/89	9/12/89	10/17/89	11/30/89	12/28/89	1/23/90	2/27/90
Fecal Coliform(orc/100mL)	31616	180	175	240	85	230	200	3467	1633	200	45	376	662
Suspended Solids(mg/L)	530	134	92.2	139	52.1	67.4	160	148	126	87.6	39	34.5	293
Turbidity(NTU)	82079	109	72.9	131	33.5	57	113	88	87	66	16	22	130
pH	400	7.91	8	7.52	8.02	8.21	8.01	8.17	8.17	8.38	8.84	8.11	8.24
Temperature(C)	10	19.46	18.09	28.75	30.9	32.17	30.11	30.16	24.63	13.85	9.48	15.5	18.67
Dissolved Oxygen(mg/L)	300	8.07	8.9	6.6	9.61	6.94	6.76	6.5	7.23	8.91	10.86	8.62	8.26
Conductivity(umhos/cm)	94	1130	1162	934	1409	1236	1047	1030	713	793	1054	1187	718
Total Phosphorus(mg/L)	665	3.1	2.76	2.5	1.57	1.97	3.03	2.17	0.88	2.4	3.8	2.94	2.65
Nitrate-N(mg/L)	620	9.9	22.8	5.2	4.6	6.9	9.2	6.15	6.7	7.6	15.6	12.8	10.6
Water Quality Index			0	0	54.08	11.33	0	0	0	4.6	0	0	0

Parameter	Date and 24 hour time												
	Parameter Code	3/20/90	4/16/90	5/29/90	6/26/90	7/23/90	8/8/90	9/10/90	10/8/90	11/6/90	12/5/90	1/22/91	2/21/91
Fecal Coliform(orc/100mL)	31616	2400	228	180	68	11800	2000	2400	350	125	138	4900	512
Suspended Solids(mg/L)	530	412	121	119	38.4	985	240	124	71	38.1	40.7	1179	252
Turbidity(NTU)	82079	150	96	68	22	4.7	100	65	24	21.5	24	240	200
pH	400	7.84	8.18	7.88	8.22	7.51	7.94	8	7.8	8.26	8.18	8.34	7.57
Temperature(C)	10	19.95	23.5	30.08	30.77	26.9	29.71	27.5	27.69	16.96	12.49	11.3	17.3
Dissolved Oxygen(mg/L)	300	7.81	7.32	7.31	11.45	4.52	6.38	6.52	6.69	8.87	10.2	9.51	9.75
Conductivity(umhos/cm)	94	624	1003	943	1400	635	950	948	1044	1185	1119	329	633
Total Phosphorus(mg/L)	665	2.31	2.61	3.1	1.51	2.94	2.1	2.4	2.35	2.4	2.98	2.92	1.53
Nitrate-N(mg/L)	620	6.5	6.2	8.3	4.5	2.4	5.6	4.9	5.55	7.8	40	4.1	3
Water Quality Index		0	0	0	59	0	0	0	0	18.15	0	0	0

Parameter	Date and 24 hour time												
	Parameter Code	3/20/91	4/16/91	5/14/91	6/3/91	7/9/91	8/8/91	9/3/91	10/15/91	11/21/91	12/26/91	1/14/92	2/28/92
Fecal Coliform(orc/100mL)	31616	388	500	762	89	2100	300	525	7500	512		625	
Suspended Solids(mg/L)	530	204	248	440	108	406	93.6	120	42.2	91.3		304	
Turbidity(NTU)	82079	66	116	180	47	100	45	52.5	25	40		112	
pH	400	8.16	7.98	7.9	8.11	7.84	8.06	8.02	8.31	7.97		7.81	
Temperature(C)	10	19.88	24.3	25.03	29.44	28.71	28.37	28.4	24.77	17.51		14.41	
Dissolved Oxygen(mg/L)	300	8.35	7	6.43	6.23	6.72	6.63	6.2	7.73	8.3		8.76	
Conductivity(umhos/cm)	94	1059	839	475	1004	690	1005	929	1100	980		1061	
Total Phosphorus(mg/L)	665	4	2.1	1.78	2	2.68	2.34	0.39	2	2		1.36	
Nitrate-N(mg/L)	620	5.7	4.25	1.73	4.1	5.25	6.25	4.98	9.2	11.2		4.61	
Water Quality Index		0	0	0	35.43	0	0	0	0	0		0	

TABLE 8 (Con't)

TNRCC Segment 1901
 TNRCC Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time												
	Parameter Code	3/16/92	4/27/92	5/12/92	6/10/92	7/28/92	8/17/92	9/15/92	10/20/92	11/24/92	12/15/92	1/20/93	2/24/93
Fecal Coliform(org/100mL)	31616	189	8750	115	1344	111	338	950	238	8000			
Suspended Solids(mg/L)	530	354	766	168	487	132	120	477	87.2	759			
Turbidity(NTU)	82079	144	276	62	186	68	53	190	43	156			
pH	400	8.07	7.74	7.86	7.67	7.82	8.12	7.98	7.9	8			
Temperature(C)	10	17.86	20.5	24.43	26.81	28.88	27.54	27.9	23.01	17.57			
Dissolved Oxygen(mg/L)	300	8.29	6.67	6.96	6.15	6.45	6.69	6.07	7.83	7.79			
Conductivity(umhos/cm)	94	713	431	918	414	888	1000	873	1081	468			
Total Phosphorus(mg/L)	665	0.84	0.78	0.94	1.09	1.05	1.26	2	1.52	1.7			
Nitrate-N(mg/L)	620	2.48	1.5	4.9	1.64	5.6	5.7	3.4	4.1	2.2			
Water Quality Index		46.29	0	63.99	0	60.94	5.88	0	34	0			

Parameter	Date and 24 hour time												
	Parameter Code	3/24/93	4/22/93	5/27/93	6/23/93	7/19/93	8/10/93	9/28/93	10/15/93	11/16/93	12/28/93	1/18/94	2/22/94
Fecal Coliform(org/100mL)	31616		32			120	84	84	100	275	125	225	112
Suspended Solids(mg/L)	530		80.8			118	91.4	57.2	48	68.4	36.7	89	69.7
Turbidity(NTU)	82079		43			52	34	33	28	33	21	44	40
pH	400		7.77			8	7.94	7.51	7.84	8	8.02	8.19	8.17
Temperature(C)	10		22.76			29	29.41	25.53	24.66	19.52	13.63	13.71	19.67
Dissolved Oxygen(mg/L)	300		8.23			6.52	6.66	8.44	8.78	8	9.72	9.46	8.27
Conductivity(umhos/cm)	94		1050			1163	1246	1261	1300	1160	1170	1167	1110
Total Phosphorus(mg/L)	665		1.14			0.84	0.94	1.21	1.13	1.71	0.63	1.38	1.21
Nitrate-N(mg/L)	620		4.5			4	5.3	8.6	16.1	6.39	8.12	14.1	7.9
Water Quality Index			72.36			63.24	66	66.3	58.83	18.21	71.05	30.02	61.78

Parameter	Date and 24 hour time												
	Parameter Code	3/22/94	4/12/94	5/17/94	6/20/94	7/19/94	8/23/94	9/20/94	10/18/94	11/29/94	12/13/94	1/16/95	2/7/95
Fecal Coliform(org/100mL)	31616	1062	150	6800	212	56	325	1462	7200	75	125	112	24
Suspended Solids(mg/L)	530	461	103	495	160	74.9	76.2	243	681	36.2	27.2	57	26.9
Turbidity(NTU)	82079	196	49	480	67	73	44	90	200	22	20	28	15
pH	400	7.78	8.08	7.67	8.02	8.08	8.05	7.97	7.56	7.87	8.04	8.13	8.08
Temperature(C)	10	21.33	22.75	22.64	29.14	29.28	29.16	25.64	21.55	19.14	15.33	16.59	17.15
Dissolved Oxygen(mg/L)	300	7.17	7.49	5.47	6.8	6.88	7.22	6.92	8.93	8.37	9.5	9.28	9.84
Conductivity(umhos/cm)	94	500	1052	239	1036	1381	1241	767	3	1203	1143	1120	1283
Total Phosphorus(mg/L)	665	2.8	1.31	1.92	1.31	1.72	1.04	1.34	1.36	1.12	1.26	1.23	1.17
Nitrate-N(mg/L)	620	2.3	6.5	2.1	5	5	6.6	4.7	2.99	7.99	7.01	8.52	8.5
Water Quality Index		0	53.51	0	36.59	69.85	24.71	0	0	70.12	62.08	61.89	71.34

Parameter	Date and 24 hour time												
	Parameter Code	3/14/95	4/26/95	5/30/95	6/12/95	7/17/95	8/21/95	9/25/95	10/17/95	11/27/95	12/18/95	1/8/96	2/12/96
Fecal Coliform(org/100mL)	31616	740	125	312	175	28	72	9700	86	112	2200	66	168
Suspended Solids(mg/L)	530	537	119	534	146.9	43.6	51	969	44.1	58.5	188	34.7	45.6
Turbidity(NTU)	82079	186	49	182	58	48	32	480	25	32	77	21	30
pH	400	7.83	8.15	7.79	8.15	8.27	8.24	7.91	8.23	8.1	8.3	7.55	8.11
Temperature(C)	10	19.43	22.77	27.1	27.17	29.68	29.36	23.01	20.12	18.29	20.99	8.13	14.97
Dissolved Oxygen(mg/L)	300	7.61	8.03	6.96	7.11	7.14	7.75	6.88	8.06	8.61	7.64	11.35	9.59
Conductivity(umhos/cm)	94	770	1230	640	910	910	1340	356	1215	1001	1003	1095	1183
Total Phosphorus(mg/L)	665	2.1	1.6	1.22	0.5	1.1	1.2	1.94	1.31	1.18	2.11	1.38	1.24
Nitrate-N(mg/L)	620	5.5	7	2.5	4.7	6.25	6.2	2.33	6.7	5.2	6.9	10.2	16.2
Water Quality Index		0	47.46	0	59.89	67.53	62.5	0	63.2	65.42	0	58.72	45.69

TABLE 8 (Con't)

TNRCC Segment 1901
 TNRCC Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time												
	Parameter Code	3/20/96	4/23/96	5/28/96	6/24/96	7/22/96	8/19/96	9/23/96	10/22/96	11/12/96	12/17/96	1/28/97	2/26/97
Flow (cfs)													
Fecal Coliform(org/100mL)	31616	54	104	28	625	124	220	2225	166	124	100	84	133
Suspended Solids(mg/L)	530	55.8	101	55.5	105	85.6	91.4	429	35.1	43	54.6	37.5	117
Turbidity(NTU)	82079	23	37	33	53	38	67	138	25	27	29	17	73
pH	400	8.42	8.17	8.36	8.04	8.14	8.3	7.91	7.79	8.07	7.82	8.1	7.93
Temperature(C)	10	17.54	22.27	28.49	27.16	29.85	28.95	28.47	22.07	18.76	12.91	13.2	14.85
Dissolved Oxygen(mg/L)	300	8.79	7.38	6.86	8	6.79	6.88	6.31	7.75	8.83	9.61	9.93	9.53
Conductivity(umhos/cm)	94	1209	1463	1439	1293	1362	1491	578	1250	1169	1104	1255	1052
Total Phosphorus(mg/L)	665	1.56	1.66	1.27	1.2	1.46	1.21	1.04	0.75	1.54	1.64	1.49	1.82
Nitrate-N(mg/L)	620	7.6	8.38	8.4	5.38	9.2	5.1	2.92	10.3	11.2	11	9.6	8.6
Water Quality Index		56.49	46.46	60.05	0	46.29	37.33	-2404	63.68	51.42	49.5	56.23	39.41

Parameter	Date and 24 hour time												
	Parameter Code	3/19/97	4/23/97	5/12/97	6/18/97	7/17/97	8/26/97	9/16/97	10/97	11/97	12/97	1/98	2/98
Flow (cfs)													
Fecal Coliform(org/100mL)	31616	5200	90	400	350	600	84	3138					
Suspended Solids(mg/L)	530	135	94.8	144	200	173	77.4	80.6					
Turbidity(NTU)	82079	68	33.5	130	200	70	17	43					
pH	400	8.19	7.95	7.62	6.82	8.12	8.22	8.04					
Temperature(C)	10	19.29	23.67	22.19	29.26	29.95	28.18	28.61					
Dissolved Oxygen(mg/L)	300	8.51	7.29	7.44	6.46	6.22	7.52	6.68					
Conductivity(umhos/cm)	94	447	1067	1096	733	859	1363	1101					
Total Phosphorus(mg/L)	665	0.68	1.43	1.1	0.95	0.76	0.8	2.34					
Nitrate-N(mg/L)	620	2.8	8.22	6.2	2.2	2.32	3.8	6.8					
Water Quality Index		0	57.32	0	6.08	0	69.72	0					

Parameter	Date and 24 hour time												
	Parameter Code	4/98	5/19/98	6/22/98	7/16/98	8/27/98	9/14/98	10/29/98	11/11/98	12/9/98	1/13/99	2/10/99	3/16/99
Flow (cfs)													
Fecal Coliform(org/100mL)	31616		101	62	90	800	1700	640	424	475	164	400	239
Suspended Solids(mg/L)	530		112	87	31	576	612	909	275	128	53.7	65.8	75.2
Turbidity(NTU)	82079		46	36.5	51	290	71	249	128	68	22	30	31
pH	400		7.89	8.09	7.48	7.07	7.41	7.69	7.68	7.54	7.58	7.71	8.33
Temperature(C)	10		25.98	30.6	30.44	27.55	25.55	22.58	19.75	19.59	15.68	22.2	18.47
Dissolved Oxygen(mg/L)	300		7.32	6.75	6.77	5.72	6.31	6.73	8.27	7.95	9.46	8.39	8.86
Conductivity(umhos/cm)	94		1238	1281	693	339	282	771	915	1013	1194	1227	1377
Total Phosphorus(mg/L)	665		1.19	0.87	1.38	0.77	0.79	0.73	0.6	0.36	0.77	0.75	0.83
Nitrate-N(mg/L)	620		5.3	4.2	5.4	1.85	1.8	1.3	2.9	3.6	5.6	6.6	4.11
Water Quality Index			61.6	67.5	59.54	0	0	0	0	0	67.67	0.07	46.96

TABLE 8 (Con't)

TNRCC Segment 1901
 TNRCC Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Parameter Code	Date and 24 hour time											
		4/14/99	5/11/99	6/22/99	7/13/99	8/18/99	9/20/99	10/18/99	11/29/99	12/15/99	1/17/00	2/15/00	3/14/00
Flow (cfs)							241	207	297	298	351	327	413
Fecal Coliform(org/100mL)	31616	600	258	612	89	88	50	204	120	112	300	152	400
Suspended Solids(mg/L)	530	81.2	71.2	236	101	79.2	34.6	57.2	51.5	49.1	82	83.4	85.4
Turbidity(NTU)	82079	39	35	101	45	32	30	32.5	28.5	30	52	43	37
pH	400	7.69	7.98	7.84	7.98	8.05	8.05	8.28	7.65	7.72	7.8	7.71	7.91
Temperature(C)	10	24.66	25.5	27.3	30.34	29.96	26.43	21.54	16.08	13.01	17.43	20.73	19.51
Dissolved Oxygen(mg/L)	300	7.67	7.17	7.68	7.29	7.23	7.39	8.05	10.07	10.81	8.55	8.43	8.52
Conductivity(umhos/cm)	94	1235	1187	669	1001	1307	1266	1208	1179	1176	1026	1108	1178
Total Phosphorus(mg/L)	665	0.85	0.93	0.89	0.629	0.74	1.47	1.41	1.6	1.14	0.76	0.922	0.731
Nitrate-N(mg/L)	620	3.9	5.54	3	5.8	4.63	6.75	9.6	7.5	6.95	2.79	6.05	6.4
Chloride(mg/L)	940						169	66.4	147	150	123	124	139
Sulfate(mg/L)	945						124	114	117	100	88.2	107	99.3
Total Hardness(mg/L)	900						386	402	360	385	330	375	346
Ammonia-N(mg/L)	610							0.25		0.09		0.15	
E. coli(org/100mL)	31648						42	92	92	100	175	112	375
Chlorophyll a(mg/m ³)	32211						5.5	<1	<1	2.5	<1	<1	<1

Parameter	Parameter Code	Date and 24 hour time												
		4/24/00	5/29/00	6/19/00	7/19/00	8/29/00	9/19/00	10/30/00	11/20/00	12/11/00	1/23/01	2/20/01	3/13/01	
Flow (cfs)		261	331	584	171	118	317			5000	633	935	604	592
Fecal Coliform(org/100mL)	31616	72	550	133	26	152	438	978	7400	100	860	76	60	
Suspended Solids(mg/L)	530	100	246	228	72.6	62.6	236	553	1005	66.3	140	71.8	76	
Turbidity(NTU)	82079	54	100	125	32	82	95	240		33	73	32	42	
pH	400	7.89	8.42	8.25	8.02	7.8	7.92	7.84	7.9	8.2	8.15	8.02	8.16	
Temperature(C)	10	25.24	29.33	29.67	29.93	29.79	25.58	24.18	11.87	16	10.54	17.24	18.86	
Dissolved Oxygen(mg/L)	300	7.35	6.39	6.69	7.28	10.92	7.47	8.62	12.19	9.87	13.65	10.42	9.56	
Conductivity(umhos/cm)	94	1131	696	577	1309	1429	1235	445	443	948	741	1063	990	
Total Phosphorus(mg/L)	665	0.726	0.69	0.68	0.61	0.6	0.59	0.8	0.89	0.64	0.69	0.63	0.479	
Nitrate-N(mg/L)	620	6.42	3.01	2.19	5.45	5.78	9.83	2.04	2.41	7.06	4.3	7.32	5.66	
Chloride(mg/L)	940	131	121	118	168	188	122	38.4	34	90	72.6	112	100	
Sulfate(mg/L)	945	97.1	17.2	58	147	148	104	36.4	58.6	94	77.4	97	100	
Total Hardness(mg/L)	900	375	394	195	360	386	329	354	353	324	263	350	302	
Ammonia-N(mg/L)	610	0.19		0.12		0.11		0.11		0.17		<0.02		
E. coli(org/100mL)	31648	52	100	100	30	96	38	978	5700	80	660	60	40	
Chlorophyll a(mg/m ³)	32211	4.4	7.5	<1	18.6	12.7	5.9	1.3	<1	4	<1	2.9	<1	

Parameter	Parameter Code	Date and 24 hour time											
		4/16/01	5/14/01	6/25/01	7/10/01	8/14/01	9/10/01	10/16/01	11/13/01	12/18/01	1/16/02	2/15/02	3/19/02
Flow (cfs)		512	823	310	400		7280	2000	804	2380	697	349	403
Fecal Coliform(org/100mL)	31616	68	220	136	40	120	2400	660	810	**			
Suspended Solids(mg/L)	530	72.3	212	88.1	74.5	78.1	158	106	225	193	38.2	39.3	47.9
Turbidity(NTU)	82079	32	89	37	32	28	97	91	82	85	17	18	21
pH	400	8.21	7.89	7.89	8.11	7.2	8.72	7.72	8.14	7.94	8	8.27	8.11
Temperature(C)	10	19.98	25.49	28.66	29.65	29.45	26.64	22.44	20.79	16.11	13.87	14.4	21.7
Dissolved Oxygen(mg/L)	300	9.17	8.19	8.06	7.32	7.13	4.91	8.08	8.44	9.67	10.67	11.09	8.76
Conductivity(umhos/cm)	94	989	778	1068	1214	1405	403	1215	1046	728	1035	1074	1200
Total Phosphorus(mg/L)	665	0.75	0.72	0.65	0.61	0.72	0.67	0.88	1.1	0.71	0.53	0.6	0.54
Nitrate-N(mg/L)	620	5.8	4	4.5	5.3	6.67	0.68	7.5	8.4	3.4	4.6	5.4	4.6
Chloride(mg/L)	940	116	75.5	116	120	200	32	140	117	67.4	156	116	128
Sulfate(mg/L)	945	96	57.5	88.4	107	157	3.2	92.4	78.9	71.6	97.1	90.9	113
Total Hardness(mg/L)	900	461	314	311	373	388	177	427	383	378	336	336	363
Ammonia-N(mg/L)	610	<0.02		<0.02		0.03		0.03		<0.02		0.04	
E. coli(org/100mL)	31648	32	200	80	40	4	1200	440	<10	726	46	57	43
Chlorophyll a(mg/m ³)	32211	2	<1.0	10	12.3	27.2	7.2	4.3	<1.0	10.7	14.9	5.7	5.1
Pheophytin (mg/m ³)	32218									<1.0	3	2.4	5

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

TABLE 8 (Con't)

TCEQ Segment 1901
 TCEQ Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Parameter Code	Date and 24 hour time											
		4/15/02	5/22/02	6/12/02	7/22/02	8/12/02	9/24/02	10/16/02	11/11/02	12/19/02	1/13/03	2/24/03	3/20/03
Flow (cfs)		849	358	276	5300	1480	2050	2060	2900	1719	1490	4140	986
E. coli(org/100mL)	31699	524	81	26	188	68	1787	>2419	315	153	1203	2596	84
Suspended Solids(mg/L)	530	311	91.8	79.3	326	263	439	778	510	186	88	549	96.9
Turbidity(NTU)	82079	225	42	34	195	68	180	80	110	69	46	64	33
pH	400	7.97	8.06	8.02	7.64	7.83	7.81	7.83	7.78	7.68	7.79	7.81	7.91
Temperature(C)	10	23.82	24.17	29.55	28.3	28.9	25.1	21.4	19.3	17.9	13	15.1	20.9
Dissolved Oxygen(mg/L)	300	7.46	7.81	6.67	6.61	7.49	7.07	8.38	8.32	9.33	10.5	9.6	8.83
Conductivity(umhos/cm)	94	664	1223	1305	535	940	518	701	735	840	1030	548	1073
Total Phosphorus(mg/L)	665	0.16	0.84	0.66	0.53	0.57	0.89	0.63	0.28	0.42	0.4	0.79	0.34
Nitrate-N(mg/L)	620	3.8	5.6	4.7	0.55	1.78	0.78	1.1	1	2.19	1.81	0.94	2.78
Chloride(mg/L)	940	53.3	156	143	24.1	73.5	33.9	47.5	48	68	74.8	59	103
Sulfate(mg/L)	945	63.6	108	114	31.5	89.9	43.7	70.4	67.4	83.3	88	50.4	115
Total Hardness(mg/L)	900	248	392	436	359	458	425	479	439	380	389	337	379
Ammonia-N(mg/L)	610	<0.02		<0.02		<0.02		0.02		0.02		0.06	
Chlorophyll a (mg/m ³)	32211	<1.0	15.3	33.5	<1.0	<1.0	2.94	<1.0	1.3	<1.0	<1.0	7.47	8.01
Pheophytin (mg/m ³)	32218	14.7	8	7.5	30.6	36.5	8.27	20.3	<1.0	8.8	3.3	25.8	4.88

Parameter	Parameter Code	Date and 24 hour time											
		4/15/03	5/13/03	6/24/03	7/28/03	8/20/03	9/11/04	10/07/04	11/05/03	12/03/03	01/13/04	02/17/04	03/05/04
Flow (cfs)		749	492	531	452	466	697	558	576	537	438	623	625
E. coli(org/100mL)	31699	23	43	66	49	31	238	118	31	140	72	107	148
Suspended Solids(mg/L)	530	75.3	101	113	81	115.6	281	53.6	47.3	25.4	48.8	76.8	55.8
Turbidity(NTU)	82079	20	40	48	42*	55.5	19.7	46.3	34.4	25.6	29.5	46	61
pH	400	7.79	7.6	7.73	7.94	7.95	8.06	8.02	8.2	8.12	8	8.01	7.99
Temperature(C)	10	23	27.3	30.9	29.7	30.3	28.8	25.5	24.5	16.9	14.9	13.6	20.5
Dissolved Oxygen(mg/L)	300	9.13	9.43	7.05	7.69	8.88	8.08	6.76	8.26	7.19	10.6	10.3	9.88
Conductivity(umhos/cm)	94	1151	1252	968	1009	1168	748	1080	753	1157	1185	1051	1125
Total Phosphorus(mg/L)	665	0.38	0.49	0.52	0.54	0.5	0.97	0.44	0.29	0.72	2.28	0.51	0.41
Nitrate-N(mg/L)	620	3.51	2.34	3.04	1.37	1.82	1.48	4.27	1.11	4.06	4.88	4.19	8.07
Chloride(mg/L)	940	108	122	84.1	87.7	112	64.2	91	94.8	111	107	92.1	102
Sulfate(mg/L)	945	127	134	91.6	94.6	107	60.5	95.5	97.2	107	104	90.1	98.6
Total Hardness(mg/L)	900	387	416	349	335	399	296	342	361	366	366	350	349
Ammonia-N(mg/L)	610	0.03		0.02		0.02		0.03		0.02		0.03	
Chlorophyll a (mg/m ³)	32211	29.4	25.6	14.7	<1.0	8.4	<1.0	6	3.7	<5.0	<5.0	5.9	<5.0
Pheophytin (mg/m ³)	32218	13.3	16.2	7.6	10.1	11.1	6.8	<1.0	1.7	<3.0	<3.0	1	4.8

Parameter	Parameter Code	Date and 24 hour time											
		04/14/04	05/19/04	06/17/04	7/15/04	8/10/04	9/14/04	10/18/04	11/5/04	12/6/04	1/11/05	2/7/05	3/2/05
Flow (cfs)		2350	1760	2590	1820	901	659	851	2250	2590	1200	1320	2560
E. coli(org/100mL)	31699	1512	284	2838	144	65	142	4153	2460	248	58	184	856
Suspended Solids(mg/L)	530	59.4	128	1507	256	187	87.5	303	426	439	82.4	148	298
Turbidity(NTU)	82079	121	290	897	19.6	95.7	64.5	244	384	276	41.2	113	264
pH	400	8.87	7.83	7.6	7.76	8	7.97	7.89	7.81	7.73	7.77	7.65	7.65
Temperature(C)	10	17.5	25.7	27.4	29	30	27.9	24.2	19.9	17.4	18.8	14.5	17.2
Dissolved Oxygen(mg/L)	300	8.87	7.09	5.86	6.73	7.09	7.27	7.76	8.05	11.3	9.11	10.2	9.52
Conductivity(umhos/cm)	94	466	613	552	696	1038	925	766	422	782	996	763	691
Total Phosphorus(mg/L)	665	0.45	0.53	0.1	0.52	0.46	0.4	0.9	0.84	0.33	0.23	0.4	0.54
Nitrate-N(mg/L)	620	1.08	1.02	0.71	1.64	1.66	3.96	1.93	1.35	2.22	4.76	3.5	2.84
Chloride(mg/L)	940	42.6	47.9	39.3	52.9	84.1	74.1	63	28.3	61.2	78.3	61	55.8
Sulfate(mg/L)	945	37.8	50.3	56.5	68	108	83.8	63.5	34.7	76	105	68.5	57.8
Total Hardness(mg/L)	900	232	310	473	348	375	343	324	318	426	365	319	354
Ammonia-N(mg/L)	610	0.07		0.02		0.03		0.03		0.03		0.05	
Chlorophyll a (mg/m ³)	32211	<5.0	<5.0	<5.0	<5	6.8	2.3	4.3	<1	1.6	1.9	1.3	2.4
Pheophytin (mg/m ³)	32218	13.6	4.3	<3.0	<3	<3	<3	<3	<3	5.1	<3	<3	3

TABLE 8 (Con't)

TCEQ Segment 1901
 TCEQ Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time												
	Parameter Code	4/5/05	5/3/05	6/7/05	7/7/05	8/1/05	9/9/05	10/4/05	11/2/05	12/7/05	1/4/06	2/2/06	3/3/06
Flow (cfs)		1070	737	964	337	604	345	276	424	428	445	299	280
E. coli(org/100mL)	31699	43	36	129	19	64	50	59	200	91	110	120	100
Suspended Solids(mg/L)	530	82	76	296	64.8	31	53.3	8	45	39	53.3	46.3	73
Turbidity(NTU)	82079	61.2	50.9	141	35.7	146	26.4	24.1	42	15	26	29.2	43.2
pH	400	7.74	7.91	7.9	8.14	8.05	8.05	8.1	8.14	8.08	8.12	8.03	8.13
Temperature(C)	10	21.4	22.6	29.2	31.1	30.4	28.2	28.4	18.2	14.4	17.7	17	22
Dissolved Oxygen(mg/L)	300	8.59	9.04	6.84	8.63	8.48	7.49	8.35	9.8	10.3	10.2	9.8	9.29
Conductivity(umhos/cm)	94	965	1124	655	1265	972	1224	1225	1108	1126	1103	1205	1318
Total Phosphorus(mg/L)	665	0.3	0.31	0.68	0.2	0.85	0.45	0.95	1.29	0.68	0.65	0.95	0.87
Nitrate-N(mg/L)	620	3.9	5.94	3.2	4.08	6.64	9.28	1.65	10.4	9.25	8.55	9.5	9.05
Chloride(mg/L)	940	81.4	97.5	55	145	89.8	132	138	118	119	115	138	150
Sulfate(mg/L)	945	91.1	106	55.9	144	83.1	116	116	102	101	101	114	152
Total Hardness(mg/L)	900	362	387	303	371	384	374	396	366	392	363	374	387
Ammonia-N(mg/L)	610	0.03		0.03		0.02		0.02		0.02		0.03	
Chlorophyll a (mg/m ³)	32211	6.1	19.6	2.1	69.2	12	19	11.7	3.6	3.4	2.5	3.5	7.9
Pheophytin (mg/m ³)	32218	<3	4	<3	15.9	<3	<3	<1	2	<1	2.9	1.3	2.9

Parameter	Date and 24 hour time												
	Parameter Code	4/5/06	5/2/06	6/7/06	7/12/06	8/10/06	9/6/06	10/12/06	11/1/06	12/5/06	1/9/07	2/6/07	3/6/07
Flow (cfs)		1070	347	173	300	371	119	186	210	289	575		209
E. coli(org/100mL)	31699	120	107	64	110	49	46	140	93	55	520	72	20
Suspended Solids(mg/L)	530	104	88.3	93	137	63	72.7	65.3	75.7	26.7	289	63.3	29.7
Turbidity(NTU)	82079	61.7	71.5	66.2	81.7	30.9	46.2	26.2	41.8	18.1	155	40.8	17.9
pH	400	8.17	8.01	8.11	8.07	8.26	8.14	8.06	8.13	8.12	7.93	8.03	8.38
Temperature(C)	10	25.4	25.9	28.5	30.1	29.4	26.5	25.3	22.1	11.1	12.7	13.3	15.8
Dissolved Oxygen(mg/L)	300	8.2	7.85	7.45	7.41	8.89	8.5	7.8	8.88	10.7	10.2	10.5	11.9
Conductivity(umhos/cm)	94	1178	617	1159	978	1467	1447	1366	1170	1315	596	1065	1386
Total Phosphorus(mg/L)	665	0.27	1	1.07	0.9	0.07	3.07	0.78	1.36	1.42	0.9	0.91	1.59
Nitrate-N(mg/L)	620	10.6	6.8	4.35	5.34	3.8	8.08	6.6	11.3	13.4	3.55	9.5	3.84
Chloride(mg/L)	940	136	136	146	116	194	180	174	125	146	46.8	99.6	152
Sulfate(mg/L)	945	110	116	120	110	164	144	155	91.2	107	40	94.8	134
Total Hardness(mg/L)	900	341	386	348	326	408	398	357	335	325	266	314	382
Ammonia-N(mg/L)	610	0.02		<0.02		0.03		<0.02		0.03		0.02	
Chlorophyll a (mg/m ³)	32211	4.3	6.8	10	12.6	15.4	6.3	2.1	3.4	1.2	2.4	<1	7.4
Pheophytin (mg/m ³)	32218	2.1	2.5	2.4	<1	3.6	2.4	<1	<1	<1	<1	<1	<1

Parameter	Date and 24 hour time												
	Parameter Code	4/3/07	5/8/07	6/12/07	7/11/07	8/7/07	9/13/07	10/12/07	11/13/07	12/11/07	1/8/08	2/13/08	3/17/08
Flow (cfs)	00061	7020	1090	521	5650	2670	2590	1190	807	741	655	634	546
E. coli(org/100mL)	31699	7900	690	15	690	60	80	142	90	138	72	95	130
Suspended Solids(mg/L)	00530	726	582	107	322	529	320	134	83	60.3	22.3	51.7	100
Turbidity(NTU)	82079	530	378	52.3	371	301	201	67.6	42.3	34.8	14.4	22.2	16
pH	00400	7.64	7.77	8	7.66	7.84	7.82	7.95	7.98	8.04	8.1	8.1	8
Temperature(C)	00010	22.3	25.2	29.8	27.47	29.3	27.9	26	21.8	20.6	18.4	17.6	20.5
Dissolved Oxygen(mg/L)	00300	6.49	7.82	12.3	5.8	6.37	6.97	8.7	9.01	8.61	9.4	10.5	8.6
Conductivity(umhos/cm)	00094	370	569	1010	366	673	668	915	1044	1042	1028	1062	886
Total Phosphorus(mg/L)	00665	0.9	0.75	0.52	0.5	0.41	0.51	0.48	0.25	0.61	0.49	0.53	0.59
Nitrate-N(mg/L)	00620	1.4	1.96	5.84	0.86	1.6	1.91	2.4	5.64	3.67	5.62	5.72	1.86
Chloride(mg/L)	00940	16	43.2	112	25.5	44.2	43	81.7	104	93.9	95.3	113	90.2
Sulfate(mg/L)	00945	20	51.1	100	26.9	65.4	60.3	96	114	95.9	98	114	86.2
Total Hardness(mg/L)	00900	357	348	344	241	376	405	381	383	394	341	404	300
Ammonia-N(mg/L)	00610	0.04		<0.02		0.02		<0.1		<0.10		<1	
Chlorophyll a (mg/m ³)	32211	<1	1.6	13.4	3.2	2.4	1.1	2.4	2.8	3.2	10.9	9	5
Pheophytin (mg/m ³)	32218	<1	<1	2.6	<1	<1	<1	<1	<1	<1	2	4.4	<1
Total Kjeldahl Nitroqen (mg/L)	00625							0.52		<0.5		0.66	

TABLE 8 (Con't)

TCEQ Segment 1901
 TCEQ Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time												
	Parameter Code	4/11/08	5/5/08	6/12/08	7/1/08	8/4/08	9/10/08	10/8/08	11/10/08	12/10/08	1/6/09	2/3/09	3/11/09
Flow (cfs)	00061	530	415	209	136	258	385	174	237	300	224	312	232
E. coli(org/100mL)	31699	280	52	31	19	38	28	50	1300	180	220	67	
Suspended Solids(mg/L)	00530	98	85	75.3	74.3	101	73.5	33.3	48.7	46.7	35.3	54.7	
Turbidity(NTU)	82079	49.6	41.3	48.2	52.3	53.6	53.7	22.2	32.7	30.8	21.1	27	
pH	00400	8.1	8.1	8.2	8.3	8.2	8.2	8.2	8	8	8	8.2	
Temperature(C)	00010	25.7	24.7	29.8	29.5	31.3	28.9	23.8	19.4	14.3	13.2	12.7	
Dissolved Oxygen(mg/L)	00300	7.3	7.5	7.7	8.8	7.7	7.6	8	8.8	9.6	10.8	11.6	
Conductivity(umhos/cm)	00094	1120	1070	1430	1570	1030	1000	1330	1260	1300	1310	1300	
Total Phosphorus(mg/L)	00665	0.92	0.56	0.88	0.49	0.62	0.95	1.03	1.24	1.23	0.4	1.33	
Nitrate-N(mg/L)	00620	5.8	5.2	6.7	3.61	3.23	8.29	7.96	10.4	11.1	9.9	9.04	
Chloride(mg/L)	00940	120	109	164	197	121	117	158	157	149	161	139	199
Sulfate(mg/L)	00945	113	96.5	161	205	109	95.2	136	127	123	128	120	156
Total Hardness(mg/L)	00900	381	368	424	453	314	470	378	367	412	388	387	383
Ammonia-N(mg/L)	00610	<0.10		<0.1		<0.1		<0.10		<0.10		<0.1	
Chlorophyll a (mg/m ³)	32211	4.1	6.7	29.1	36.8	4.4	6.2	4	3.2	<1	1.7	1.8	4.6
Pheophytin (mg/m ³)	32218	4.8	3.7	8.4	12.7	1.3	2.6	1.7	1.5	<1	1.7	1.3	3
Total Kjeldahl Nitrogen (mg/L)	00625	0.62		0.95		0.9		2.26		0.7		0.49	

Parameter	Date and 24 hour time												
	Parameter Code	4/13/09	5/6/09	6/2/09	7/08/09	8/11/09	9/09/09	10/12/09	11/10/09	12/07/09	1/13/10	2/9/10	3/3/10
Flow (cfs)	00061	162	195	337	121	120	102	2820	466	647	421	1480	689
E. coli(org/100mL)	31699	47	190	230	75	37	210	810	390	540	39	900	35
Suspended Solids(mg/L)	00530	58.3	83.5	81.5	75.3	104	55.3	598	76	191	15.3	384	45.3
Turbidity(NTU)	82079	18.7	35.2	91	45.8	35.2	40.6	399	37.2	136	8.7	234	5.4
pH	00400	8.1	8	8	8.5	8.5	8	7.9	8.1	7.8	7.6	7.7	8
Temperature(C)	00010	22.5	27.1	27.9	30.5	30.8	28.1	21.8	21.1	12.4	10.4	13.3	15.6
Dissolved Oxygen(mg/L)	00300	8.4	7.8	8.8	8.8	8	4.2	7.8	10.3	11.1	12.6	11.5	10.9
Conductivity(umhos/cm)	00094	1350	1070	698	1560	1420	1340	575	1007	722	1150	492	1080
Total Phosphorus(mg/L)	00665	1.24	0.46	0.96	0.94	1.27	1.18	0.73	0.84	0.67	0.9	0.51	0.47
Nitrate-N(mg/L)	00620	9.35	7.8	6.95	0.84	5.04	5.28	1.84	8.02	3.7	7.56	1.75	5.32
Chloride(mg/L)	00940	179	125	68.8	171	183	176	41.4	107	69.7	138	43.5	110
Sulfate(mg/L)	00945	137	104	50	123	140	125	60.5	108	70.7	134	45.4	101
Total Hardness(mg/L)	00900	397	313	252	421	398	352	353	331	284	365	282	354
Ammonia-N(mg/L)	00610	<0.1		<0.1		0.13		<0.1		0.14		0.1	
Chlorophyll a (mg/m ³)	32211	2	4.7	1.9	24.4	28.2	9.7	<1	2.2	<1	2.8	2.2	16.6
Pheophytin (mg/m ³)	32218	<1	1.4	<1	3.2	5.2	4.2	<1	<1	<1	<1	<1	3.9
Total Kjeldahl Nitrogen (mg/L)	00625	0.54		1.02		1.5		1.52		1.08		1.33	

Parameter	Date and 24 hour time												
	Parameter Code	4/20/10	5/5/10	6/15/10	7/12/10	8/4/10	9/14/10	10/6/10	11/18/10	12/1/10	1/3/11	2/9/11	3/2/11
Flow (cfs)	00061	4660	654	784	461	321	980	551	443	396	375	413	306
E. coli(org/100mL)	31699	1380	24	110	68	28	830	52	99	84	210	72	32
Suspended Solids(mg/L)	00530	548	89	213	128	119	1106	65.5	81.5	54.7	45.3	52.5	110
Turbidity(NTU)	82079	299	65.8	82.7	80.7	93.8	597	58.5	46.9	30.2	31.1	25.1	52.7
pH	00400	7.8	8.3	7.8	8.1	8.3	7.6	8.5	8.2	8.2	8.1	8.2	8.2
Temperature(C)	00010	21.6	25	29.9	31	31.1	28.7	22.2	16.8	14.6	12.8	12.2	19.1
Dissolved Oxygen(mg/L)	00300	7.5	9.2	6.8	8.3	8.8	5.2	8.2	9.1	9.6	10	10.5	9.2
Conductivity(umhos/cm)	00094	789	1010	494	938	1012	496	1000	1120	1090	1060	1130	1260
Total Phosphorus(mg/L)	00665	0.77	0.41	0.47	0.42	0.59	1.18	0.34	1.02	0.9	0.49	0.83	0.9
Nitrate-N(mg/L)	00620	2.65	4.96	1.74	5.14	6.06	1.34	5.54	8	7.8	5.05	7.68	8.04
Chloride(mg/L)	00940	69.6	99.6	37	111	133	44.2	103	116	123	117	136	149
Sulfate(mg/L)	00945	89.2	99	36.7	88.8	103	40.6	96.5	98.3	96.8	104	105	124
Total Hardness(mg/L)	00900	429	324	265	332	348	550	344	360	364	328	320	368
Ammonia-N(mg/L)	00610	0.16		0.13		0.14		0.12		0.18		0.2	
Chlorophyll a (mg/m ³)	32211	2.4	22.6	1.2	11.1	5.1	<1	4	2	3	2.9	13.1	8.2
Pheophytin (mg/m ³)	32218	1.1	4.8	<1	5.2	5.9	<1	<1	<1	<1	<1	<1	1.4
Total Kjeldahl Nitrogen (mg/L)	00625	1.32		0.84		0.98		0.56		0.57		0.75	

TABLE 8 (Con't)

TCEQ Segment 1901
 TCEQ Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time												
	Parameter Code	4/4/11	5/24/11	6/6/11	7/11/11	8/2/11	9/14/11	10/17/11	11/8/11	12/8/11	1/4/2012	2/9/2012	3/7/12
Flow (cfs)	00061	288	170	142	110	122	57	394	163	430	322	956	351
E. coli(org/100mL)	31699	53	110	22	60	27	74	610	270	120	510	3720	63
Suspended Solids(mg/L)	00530	124	91.5	70.3	91.2	76.7	46.3	251	42.8	37	36.2	630	45.4
Turbidity(NTU)	82079	65.6	53.7	31.6	39.9	39.3	20.1	217	21.6	26	25.2	526	28.8
pH	00400	8.2	8.3	8.5	8.7	8.7	8.2	7.7	8.2	7.8	8.0	7.9	8.2
Temperature(C)	00010	24.5	28.8	29.7	30.2	31	28.7	23.5	21.9	9.9	11.2	14.8	19.7
Dissolved Oxygen(mg/L)	00300	8	8.3	11.7	10	10.4	10.5	7.5	8.8	11.2	10.6	9	9.1
Conductivity(umhos/cm)	00094	1340	1150	1280	1300	1400	1690	623	1310	1040	1160	248	1110
Total Phosphorus(mg/L)	00665	0.84	0.7	0.21	0.15	0.5	0.35	0.42	0.5	0.76	0.94	0.68	0.88
Nitrate-N(mg/L)	00620	8.32	6.08	2.95	3.12	2.6	0.89	3.43	9.24	8.7	10.6	1.78	11.2
Chloride(mg/L)	00940	166	146	187	181	183	225	61.4	169	110	120	24.9	120
Sulfate(mg/L)	00945	134	110	152	127	145	166	62	117	83.4	91.8	31	102
Total Hardness(mg/L)	00900	407	346	304	342	375	390	262	348	284	318	298	328
Ammonia-N(mg/L)	00610	0.12		<0.1		<0.1	0.14		0.11		0.29		0.31
Chlorophyll a (mg/m ³)	32211	22.6	23	44.5	52.3	55.5	22.3	1.2	6.2	<1	<1.0	<1.0	14.1
Pheophytin (mg/m ³)	32218	9.2	<1	12.1	9.1	4.6	5	<1	<1	<1	<1.0	<1.0	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.98		1.74		1.56	1.07	0.92	0.73	0.57	0.80	1.30	0.86

Parameter	Date and 24 hour time												
	Parameter Code	4/11/12	5/3/12	6/12/12	7/12/12	8/15/12	9/6/12	10/15/12	11/13/12	12/19/12	1/9/13	2/11/13	3/18/13
Flow (cfs)	00061	281	186	176	255	66	145	242	277	226	327	303	203
E. coli(org/100mL)	31699	31	28	31	1100	24	74	260	160	140	2000	115	35
Suspended Solids(mg/L)	00530	84.7	68	87	337	36.7	48.9	51.8	41.6	28.2	76.3	33.4	40.7
Turbidity(NTU)	82079	25.3	32.2	45	205	16.8	33.5	35.7	29	16.5	32.5	25.8	27
pH	00400	8.2	8.4	8.6	7.7	8.5	8.3	8.1	8.2	8	8.2	7.9	8.3
Temperature(C)	00010	24.8	27.7	35.2	26	31.7	30.7	25	17.8	19.7	13.9	18.2	23.6
Dissolved Oxygen(mg/L)	00300	8.9	8.1	8.2	6.7	13	9	8.3	9.2	9.3	9.8	7.3	9.2
Conductivity(umhos/cm)	00094	1100	1360	1230	660	1290	1080	950	905	1270	1100	801	1350
Total Phosphorus(mg/L)	00665	0.9	0.95	0.76	0.7	0.39	0.5	0.73	0.57	1.16	1.1	0.44	1.14
Nitrate-N(mg/L)	00620	9	9.2	6.2	3.36	4.72	7.4	8.3	6.96	11.8	12.1	3.92	13.1
Chloride(mg/L)	00940	133	162	146	73	185	129	117	97.4	162	137	139	173
Sulfate(mg/L)	00945	99.3	125	12.5	58.3	134	93.7	79.1	77.5	116	92.6	107	118
Total Hardness(mg/L)	00900	344	364	344	260	316	299	280	256	339	304	340	322
Ammonia-N(mg/L)	00610		0.37		0.23		0.21		0.19		<0.1		0.1
Chlorophyll a (mg/m ³)	32211	23.4	8.6	26.1	9.3	25.1	13.1	2.03	1.2	1.64	2.54	3.2	18.7
Pheophytin (mg/m ³)	32218	2.7	10.5	12.5	4.3	10.5	5.3	15.1	3.07	4.05	3.72	7.59	9
Total Kjeldahl Nitrogen (mg/L)	00625	0.44	0.6	1.39	1.71	0.75	0.79	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2

Parameter	Date and 24 hour time												
	Parameter Code	4/15/13	5/15/13	6/4/13	7/8/2013	8/8/13	9/11/13	10/7/13	11/13/13	12/3/13	1/16/14	2/6/14	3/12/14
Flow (cfs)	00061	216	411	871	190	104	183	243	203	285	249	217	2
E. coli(org/100mL)	31699	110	140	290	75	44	460	120	190	78	25	38	56
Suspended Solids(mg/L)	00530	68.7	127	318	173	62	231	147	37.9	46	20.0	42.0	53.6
Turbidity(NTU)	82079	48.2	89.6	264	85.5	29.1	137	125	28.5	30.7	10.2	29.5	27.9
pH	00400	8.2	8.1	7.9	8.5	8.6	8.2	8	8.3	8.1	8.1	8.6	8.3
Temperature(C)	00010	24.6	25.6	29.1	29.8	33.2	29.4	23.9	16.7	16.9	12.7	11.3	18.0
Dissolved Oxygen(mg/L)	00300	8.1	7.6	6.7	10.4	10.8	7.7	8.1	9.6	9.3	11.3	15.4	9.9
Conductivity(umhos/cm)	00094	1040	1010	588	1110	1310	1330	685	979	935	1250	1210	1280
Total Phosphorus(mg/L)	00665	0.76	1.13	0.51	0.23	0.71	0.9	0.61	0.76	0.64	1.89	1.16	1.03
Nitrate-N(mg/L)	00620	9	11.9	2.55	4.2	5.8	9.1	4.04	7.3	7.4	10.0	8.50	10.1
Chloride(mg/L)	00940	128	116	48.8	149	174	179	78.6	119	106	164	160	168
Sulfate(mg/L)	00945	84.7	78.3	47.9	134	128	127	55.9	91.8	78.1	97.4	96.4	108
Total Hardness(mg/L)	00900	300	320	293	335	350	376	231	283	271	291	294	360
Ammonia-N(mg/L)	00610		0.26		<0.1		<0.1		<0.1		<0.10		0.69
Chlorophyll a (mg/m ³)	32211	5.52	5.34	<1	103	24.4	48.4	<1	3.84	<1	4.09	244	---
Pheophytin (mg/m ³)	32218	2.95	5.87	1.04	20.3	3.28	14	2.65	<1	3.74	<1.0	17.5	---
Total Kjeldahl Nitrogen (mg/L)	00625	0.43	0.42	1.26	1.31	0.48	0.96		<0.2		<0.20		1.07

TABLE 8 (Con't)

TCEQ Segment 1901
 TCEQ Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time												
	Parameter Code	4/14/14	5/7/14	6/12/14	7/7/14	8/11/14	9/4/14	10/8/14	11/12/14	12/3/14	1/7/15	2/4/15	3/10/15
Flow (cfs)	00061	190	129	528	176	803	58	111	537	262	478	309	548
E. coli(org/100mL)	31699	91	56	52	86	48	140	240	1500	130	160	170	4900
Suspended Solids(mg/L)	00530	86.3	42.4	70.8	72.7	50.3	77.5	83.0	223	49.1	58.0	30.6	510
Turbidity(NTU)	82079	39.1	27.1	51.7	85.6	20.2	42.6	46.1	182	39.1	34.4	21.9	257
pH	00400	8.2	8.2	8.4	8.5	8.4	8.7	8.3	8.2	7.7	8.4	8.2	8.0
Temperature(C)	00010	22.6	23.8	31.1	30.8	32.2	29.4	27.8	15.9	15.8	11.0	12.4	14.7
Dissolved Oxygen(mg/L)	00300	8.2	8.5	7.6	13.4	9.6	8.3	8.4	9.1	9.3	11.0	10.2	9.0
Conductivity(umhos/cm)	00094	1310	1350	1020	795	1250	1300	1360	451	650	1060	915	463
Total Phosphorus(mg/L)	00665	1.00	1.97	0.72	0.63	0.89	1.19	1.23	0.29	0.41	1.65	1.38	0.86
Nitrate-N(mg/L)	00620	10.1	10.9	6.30	4.76	7.70	7.30	6.20	2.32	4.24	9.60	7.60	3.48
Chloride(mg/L)	00940		185	145	88.1	171	194	218	45.7	70.4	139	112	50.2
Sulfate(mg/L)	00945	119	122	98.5	56.3	111	118	113	36.5	51.7	87.9	73.8	30.1
Total Hardness(mg/L)	00900	342	352	291	265	331	344	347	218	216	344	265	225
Ammonia-N(mg/L)	00610		0.28	0.23		0.20			0.32		0.22		0.14
Chlorophyll a (mg/m ³)	32211	5.01	4.67	10.5	59.8	7.76	2.67	6.24	<1.00	<1.0	<1.00	1.57	1.78
Pheophytin (mg/m ³)	32218	2.80	<1.0	2.07	4.95	<1.00	<1.0	<1.0	8.94	2.40	<1.00	<1.0	<1.0
Total Kjeldahl Nitrogen (mg/L)	00625		1.10		1.95		0.70		0.93		0.29		1.82

Parameter	Date and 24 hour time												
	Parameter Code	4/7/15	5/11/15	6/24/15	7/8/15	8/5/15	9/21/15	10/5/15	11/16/15	12/8/15	1/6/16	2/9/16	3/2/16
Flow (cfs)	00061	252	471	2230	513	140	213	188		459	1420	252	445
E. coli(org/100mL)	31699	46	4	880	55	70	110	91	220	260	550	19	230
Suspended Solids(mg/L)	00530	63.8	89.0	387	131	88.3	100	49.2	69.1	60.3	126	14.6	116
Turbidity(NTU)	82079	39.1	54.2	319	81.4	46.7	71.4	29.4	53.3	49.0	71.1	6.6	74.5
pH	00400	8.1	8.1	7.9	8.0	8.3	8.1	8.2	8.0	8.0	8.2	8.3	8.0
Temperature(C)	00010	24.2	27.7	27.7	29.7	30.9	28.2	25.0	21.1	15.5	12.8	14.0	21.6
Dissolved Oxygen(mg/L)	00300	8.1	7.9	8.8	6.9	9.1	8.0	8.2	8.4	9.6	10.2	11.3	8.4
Conductivity(umhos/cm)	00094	1030	991	496	856	1322	1030	1350	1090	896	1110	1220	846
Total Phosphorus(mg/L)	00665	1.26	1.18	0.56	0.58	1.00	0.89	1.72	1.03	0.86	1.17	0.85	0.65
Nitrate-N(mg/L)	00620	9.12	6.84	2.06	4.15	5.12	5.17	2.60	8.32	5.96	6.15	9.95	5.36
Chloride(mg/L)	00940	142	81.8	45.1	89.3	113	130	172		107	142	173	109
Sulfate(mg/L)	00945	112	85.3	41.9	83.0	85.8	92.8	114		75.1	92.1	124	73.2
Total Hardness(mg/L)	00900	322	329	285	319	442	298	351		273	375	338	256
Ammonia-N(mg/L)	00610		<0.10	0.14	<0.10		<0.10				<0.10		<0.10
Chlorophyll a (mg/m ³)	32211	7.93	15.0	<1.00	6.68	38.7	18.3	4.54		<1.00	2.85	5.25	21.4
Pheophytin (mg/m ³)	32218	<1.0	6.26	<1.00	3.60	13.6	5.45	<1.0		<1.00	<1.00	<1.0	1.75
Total Kjeldahl Nitrogen (mg/L)	00625		0.34	1.08	<0.20		0.83				0.68		0.54

Parameter	Date and 24 hour time												
	Parameter Code	4/11/16	5/4/16	6/9/16	7/13/16	8/9/16	9/6/16	10/5/16	11/17/16	12/15/16	1/10/17	2/27/17	3/16/17
Flow (cfs)	00061	300	750	12200	573	315	1370	753	692	1230	583	1110	1140
E. coli(org/100mL)	31699	99	130	110	30	44	460	320	310	400	100	460	550
Suspended Solids(mg/L)	00530	4.20	83.5	82.3	105	59.8	213	244	129	222	45.0	301.0	77.4
Turbidity(NTU)	82079	28.8	104	99.6	70.1	44.5	195	191	101	143	26	181	127
pH	00400	8.0	8.0	7.5	8.0	8.0	7.6	7.8	7.8	7.8	7.6	7.8	7.8
Temperature(C)	00010	22.7	24.1	26.4	30.2	30.6	28.8	26.0	20.5	16.3	14.8	20.1	19.8
Dissolved Oxygen(mg/L)	00300	8.3	7.9	5.5	7.5	7.5	6.9	7.4	8.3	9.1	10.2	8.4	8.9
Conductivity(umhos/cm)	00094	1260	797	476	998	1070	718	889	749	819	1030	700	1000
Total Phosphorus(mg/L)	00665	0.85	0.74	0.26	0.60	0.55	0.60	0.68	0.75	0.54	0.70	0.65	0.66
Nitrate-N(mg/L)	00620	12.0	5.40	0.63	4.08	4.02	2.67	3.32	4.52	3.16	8.00	3.85	3.88
Chloride(mg/L)	00940	168	78.5	33.6	93.2	114	62.5	89.6	69.4	68.5	94.9	60.3	58.3
Sulfate(mg/L)	00945	105	72.4	42.3	93.9	93.7	60.4	85.0	65.1	79.6	94.8	61.7	58.4
Total Hardness(mg/L)	00900	348	257	193	353	341	293	368	273	350	353	326	260
Ammonia-N(mg/L)	00610		<0.10		<0.10		<0.10				<0.10		<0.10
Chlorophyll a (mg/m ³)	32211	10.7	5.25	3.74	7.59	15.1	3.07	2.40	<1.00	2.80	2.40	5.07	2.56
Pheophytin (mg/m ³)	32218	<1.0	<1.0	<1.0	<1.0	1.08	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625		0.36		0.56		0.93		0.65		<0.20		1.36

TABLE 8 (Con't)

TCEQ Segment 1901
 TCEQ Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Date and 24 hour time Parameter Code	4/18/17	5/11/17	6/8/17	7/19/17	8/17/17	9/19/17	10/4/17	11/2/17	12/5/17	1/18/18	2/19/18	3/12/18
		1334	1304	1300	1324	1305	1338	1404	1242	1302	1256	1340	1350
Flow (cfs)	00061	641	326	613	237	470	282	663	305	294	343	361	298
E. coli(org/100mL)	31699	170	66	190	80	93	52	660	110	110	41	99	91
Suspended Solids(mg/L)	00530	53.4	96.3	147	60.8	142	62.0	187.0	45.2	37.8	8.60	87.1	59.1
Turbidity(NTU)	82079	92.6	52.9	125	77	100	29.9	70.8	19.4	14.7	4.8	23.2	16.7
pH	00400	7.9	8.2	7.6	8.0	8.3	8.1	8	8.2	8.2	8.4	8.2	8.2
Temperature(C)	00010	24.3	26.1	28.3	30.2	30.9	29.9	27.2	20.5	21.1	7.8	20.8	19.6
Dissolved Oxygen(mg/L)	00300	6.7	8.4	7.2	7.6	6.9	6.6	6.9	8.9	8.8	12.2	8.8	9.4
Conductivity(umhos/cm)	00094	812	1180	798	1320	1050	1220	809	1220	1220	1140	1210	1110
Total Phosphorus(mg/L)	00665	0.70	0.82	0.65	0.66	0.75	1.10	0.67	1.39	1.51	1.33	1.29	1.17
Nitrate-N(mg/L)	00620	3.71	6.60	4.00	7.03	3.31	7.77	3.31	10.7	12.0	8.68	13.20	8
Chloride(mg/L)	00940	78.6	130	86.6	159	123	153	99.3	149	150	140	156	138
Sulfate(mg/L)	00945	72.4	112	72.8	125	86.4	114	67.4	108	103	107	99.8	94.8
Total Hardness(mg/L)	00900	274	380	281	386	292	347	244	345	345	331	337	330
Ammonia-N(mg/L)	00610		<0.10		<0.10		<0.10		<0.10		<0.10		<.10
Chlorophyll a (mg/m ³)	32211	6.84	12.8	11.8	40.6	10.1	15.2	1.60	4.69	5.52	2.14	7.4	15.4
Pheophytin (mg/m ³)	32218	1.69	1.97	1.35	5.49	<1.00	1.58	<1.00	<1.00	<1.00	<1.00	<1.00	2.19
Total Kjeldahl Nitrogen (mg/L)	00625		0.72		0.77		0.24		<0.20		<0.20		<.20

Parameter	Parameter Code	4/17/18	5/17/18	6/4/18	7/2/18	8/2/18	9/18/18	10/10/18	11/1/18	12/6/18	1/1/19	2/6/19	3/14/19
		1400	1318	1303	1410	1250	1318	1327	1241	1351	1311	1313	1240
Flow (cfs)	00061	799	288	171	146	103	6180	852	921	688	792	801	536
E. coli(org/100mL)	31699	85	63	22	59	41	730	280	160	28	110	110	82
Suspended Solids(mg/L)	00530	69.3	108	100	134	61	360.0	131.0	28.5	6.6	57.20	37.8	42
Turbidity(NTU)	82079	36.7	64.6	48.2	75.1	29.8	453	85.2	72.7	10	36	39	18
pH	00400	8.2	8.3	8.4	8.4	8.2	7.5	8	8	8.1	7.9	8	8.6
Temperature(C)	00010	23	28.7	31.1	32.3	8.2	26.8	27.5	22	17.5	16.1	19.9	22.5
Dissolved Oxygen(mg/L)	00300	9.5	8.4	8.6	9	8.4	3.7	7	7.8	9.1	8.7	7.9	8.0
Conductivity(umhos/cm)	00094	1180	1060	1180	1330	1290	403	802	731	230	833	905	1030
Total Phosphorus(mg/L)	00665	1.21	1.22	0.99	1.42	1.02	0.78	0.67	0.61	0.05	0.54	0.83	0.76
Nitrate-N(mg/L)	00620	9.22	7.82	7.81	8.76	6.72	2.00	4.77	4.62	0.09	6.39	7.25	7.22
Chloride(mg/L)	00940	164	136	164	191	186	32.5	74.5	68.6	101	90.6	96.4	123
Sulfate(mg/L)	00945	111	96.6	112	112	120	31.4	64	59.7	81.1	74.4	74.4	83.7
Total Hardness(mg/L)	00900	341	321	335	360	341	169	312	280	329	293	311	330
Ammonia-N(mg/L)	00610		<0.10		<0.10		<0.10		<0.10		<0.10		<0.10
Chlorophyll a (mg/m ³)	32211	24.3	21.2	37.4	45.1	9.28	3.47	427.00	2.62	3.24	2.09	2.45	11.6
Pheophytin (mg/m ³)	32218	2.06	<1.00	6.49	5.47	2.99	1.39	430	<1.00	<1.00	1.14	1.38	1.46
Total Kjeldahl Nitrogen (mg/L)	00625		0.41		1.04		1.51		59.7		0.31		<0.20

Parameter	Parameter Code	4/24/19	5/20/19	6/6/19	7/2/19	8/28/19	9/11/19	10/7/19	11/6/19	12/17/19	1/30/20	2/19/20	3/4/20
		1251	1254	1309	1435	1346	1357	1333	1446	1318	1322	1350	1415
Flow (cfs)	00061	590	653	439	1860	209	181	219	358	313	501	429	412
E. coli(org/100mL)	31699	82	74	58	2000	240	150	120	180	110	110	150	220
Suspended Solids(mg/L)	00530	84.5	103	110	640	19.5	74.9	37.5	47.8	13.3	39.00	36.3	49.1
Turbidity(NTU)	82079	80	50	55	550	55	37	38	55	19	38	40	13
pH	00400	8.1	8.4	8.3	7.7	8.4	8.2	8	7.9	8.4	8.1	8.3	8.1
Temperature(C)	00010	23.8	28.3	30.6	27.6	30	28.6	28.2	21.1	14.6	15.5	18.2	22.5
Dissolved Oxygen(mg/L)	00300	7.8	7.4	5.3	7.9	6.1	6.9	7	8	9.5	9.5	8.5	7.9
Conductivity(umhos/cm)	00094	753	884	995	574	1230	1280	1260	906	1100	959	882	1040
Total Phosphorus(mg/L)	00665	0.67	1.11	0.901	0.922	0.963	1.10	1.41	1.05	1.44	1.28	0.92	1.14
Nitrate-N(mg/L)	00620	3.44	6.19	6.34	2.88	6.57	10.30	1.41	8.4	11.4	8.02	7.64	11.2
Chloride(mg/L)	00940	85.2	95.1	123	71.9	171	176	1.41	115	151	354	106	144
Sulfate(mg/L)	00945	64.6	74	88.4	49.2	120	118	1.41	75.3	90.1	363	75.6	92.3
Total Hardness(mg/L)	00900	262	309	319	311	366	358	1.41	275	327	294	287	320
Ammonia-N(mg/L)	00610		<0.10		<0.10		<0.10	1.41	<0.10		<0.10		<0.10
Chlorophyll a (mg/m ³)	32211	3.83	9.69	15.9	4.81	78.9	34.6	1.41	<1.00	2.52	3.92	5.71	7.64
Pheophytin (mg/m ³)	32218	<1.00	1.63	1.31	12.4	6.08	4	1.41	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625		0.57		<0.2		0.59	1.41	<0.20		<0.20		<0.20

TABLE 8 (Con't)

TCEQ Segment 1901
 TCEQ Station 12790
 Station Number 8 San Antonio River near Fannin
 Latitude 28/36/45 Longitude 98/06/11

Parameter	Parameter Code	4/8/20 1035	5/7/20 1250	6/8/20 1408
Flow (cfs)	00061	2450	229	440
E. coli(org/100mL)	31699	2300	150	190
Suspended Solids(mg/L)	00530	299	71.7	129
Turbidity(NTU)	82079	600	29	40
pH	00400	7.9	8.4	8.2
Temperature(C)	00010	21.7	25.2	31.5
Dissolved Oxygen(mg/L)	00300	7.1	8.8	7
Conductivity(umhos/cm)	00094	824	1190	648
Total Phosphorus(mg/L)	00665	0.886	1.52	0.773
Nitrate-N(mg/L)	00620	6.73	12.30	4.27
Chloride(mg/L)	00940	100	171	70.7
Sulfate(mg/L)	00945	77.9	105	55.5
Total Hardness(mg/L)	00900	44	329	233
Ammonia-N(mg/L)	00610	<0.10	<0.10	
Chlorophyll a (mg/m ³)	32211	10.7	19.3	14.4
Pheophytin (mg/m ³)	32218	14.7	6.98	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<2.00	<0.20	

Parameter	Parameter Code	4/8/20 1035	5/7/20 1250
Flow (cfs)	00061	2450	229
E. coli(org/100mL)	31699	2300	150
Suspended Solids(mg/L)	00530	299	71.7
Turbidity(NTU)	82079	600	29
pH	00400	7.9	8.4
Temperature(C)	00010	21.7	25.2
Dissolved Oxygen(mg/L)	00300	7.1	8.8
Conductivity(umhos/cm)	00094	824	1190
Total Phosphorus(mg/L)	00665	0.886	1.52
Nitrate-N(mg/L)	00620	6.73	
Chloride(mg/L)	00940	100	
Sulfate(mg/L)	00945	77.9	
Total Hardness(mg/L)	00900	44	329
Ammonia-N(mg/L)	00610	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	10.7	
Pheophytin (mg/m ³)	32218	14.7	
Total Kjeldahl Nitrogen (mg/L)	00625	<2.00	<0.20

Parameter	Parameter Code	4/8/20 1035	5/7/20 1250
Flow (cfs)	00061	2450	229
E. coli(org/100mL)	31699	2300	150
Suspended Solids(mg/L)	00530	299	71.7
Turbidity(NTU)	82079	600	29
pH	00400	7.9	8.4
Temperature(C)	00010	21.7	25.2
Dissolved Oxygen(mg/L)	00300	7.1	8.8
Conductivity(umhos/cm)	00094	824	1190
Total Phosphorus(mg/L)	00665	0.886	1.52
Nitrate-N(mg/L)	00620	6.73	
Chloride(mg/L)	00940	100	
Sulfate(mg/L)	00945	77.9	
Total Hardness(mg/L)	00900	44	329
Ammonia-N(mg/L)	00610	<0.10	<0.10
Chlorophyll a (mg/m ³)	32211	10.7	
Pheophytin (mg/m ³)	32218	14.7	
Total Kjeldahl Nitrogen (mg/L)	00625	<2.00	<0.20

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