TABLE 22

TNRCC Segment 1803
TNRCC Station 12674
Station Number 22 Cypress Creek at FM 12 in Wimberley
Latitude 29/59/46 Longitude 98/05/48

Parameter	Parameter Code	Date and 24 hour time 3/17/98 1338	6/11/98 1112	9/16/98 1142	12/7/98 1220	4/13/99 1023	6/14/99 1244	9/14/99 1130	12/13/99 950	3/21/00 931	7/18/00 951	10/31/00 1003	1/22/01 951
Flow (cfs)			9.21	12.3	27.7	7.72	3.89	0.96	2.54	3.87	0.33	1.94	43.9
Fecal Coliform(org/100mL)	31616	275	1225	662	66	64	336	400	232	60	70	96	76
Suspended Solids(mg/L)	530	3.4	4	3.2	1.6	<1.0	<1.0	1.7	<1.0	1.2	1.6	<1	1.8
Turbidity(NTU)	82079	4.1	3.6	3.3	1.4	2.1	0.8	2.1	0.85	1	1.4	1.5	1
pH	400	8.26		7.66	7.53	8.09	7.78	7.99	9.01	8.01	7.54	7.4	7.89
Temperature(C)	10	17.95	24.63	24.36	19.48	21.18	24.53	24.71	13.51	17.17	25.77	22.08	12.8
Dissolved Oxygen(mg/L)	300	10.19	7.22	6.98	9.16	8.16	8.11	8.59	7.68	8.77	6.8	7.52	11.28
Conductivity(umhos/cm)	94	495	512	514	545	534	507	515	534	549	563	586	570
Total Phosphorus(mg/L)	665	0.07	0.15	<0.01	<0.01	<0.01	0.2	<0.01	0.07	0.054	0.01	0.2	0.02
Nitrate-N(mg/L)	620	0.28	0.17	0.19	0.24	<0.02	<0.02	<0.02	0.052	<0.02	0.07	<0.02	0.09
Chloride(mg/L)	940	17.7	13	15.6	13.8	17.4	16.6	16.4	16.2	17.2	21.2	22.6	18.7
Sulfate(mg/L)	945	10	16.2	16.4	8.8	17.6	17.1	15.1	16.9	19.1	20.4	25.2	18.8
Total Hardness(mg/L)	900	256	229	228	144	270	290	225	268	191	266	293	286
Ammonia-N(mg/L)	610	0.05	0.1	0.09	0.05	0.07	0.05	0.92	0.11	0.11	0.11	<0.02	0.09
E. coli(org/100mL)	31648	250	1175	112	60	18	200	88	2332	60	60	96	54
Chlorophyll a(mg/m^3)	32211	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1	<1

Parameter	Parameter Code	Date and 24 hour time 3/19/01 1108	7/16/01 1030	10/15/01 1119	12/17/01 1058	3/1/02 1338	6/11/02 1333	9/23/02 1345	1/10/03 1239	5/15/03 1115	11/06/03 1243	01/14/04 1256	03/09/04 1255
Flow (cfs)		9.3	2.39	12.3	60	9.6	2.62	17.7	23.7	10.9	3.88	14	7.47
Fecal Coliform(org/100mL)	31616	20	86	68	**								
Suspended Solids(mg/L)	530	1	1.5	1.3	1.6	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	3.1	<1.0
Turbidity(NTU)	82079	2.2	0.8		1.4	1	0.5	2	<1.0	<1.0	0.5	0.3	0.4
pH	400	8.02	7.6	7.72	7.87	7.99	7.77	7.85	7.92	8.04	8.14	7.91	7.91
Temperature(C)	10	15.16	26.26	19.4	16.57	18.63	25.16	22.25	15	23.6	20.7	14.4	16.7
Dissolved Oxygen(mg/L)	300	11.3	8.77	8.85	10.49	9.63	7.17	9.15	11.2	6.86	8.76	9.66	8.9
Conductivity(umhos/cm)	94	559		666	587	464	563	536	555	550	570	568	571
Total Phosphorus(mg/L)	665	0.07	<0.01	0.02	0.12	<0.01	0.6	0.05	<0.05	<0.05	<0.02	0.05	0.04
Nitrate-N(mg/L)	620	0.31	0.06	0.2	0.55	0.18	<0.02	0.42	<0.02	0.05	<0.02	<0.02	0.16
Chloride(mg/L)	940	15.2	23.2	18.4	13.2	16	15.7	10.6	12.6	13.2	13.3	12	16.2
Sulfate(mg/L)	945	16.2	18	19.2	16.9	19.7	18.3	14.5	17.4	17.8	17.9	18.4	19.4
Total Hardness(mg/L)	900	265	244	274	268	191	374	266	268	278	274	268	266
Ammonia-N(mg/L)	610	<0.02	<0.02	0.03	<0.02	<0.02	<0.02	0.03	<0.02	<0.02	<0.02	0.02	0.02
E. coli(org/100mL)	31699	16	70	64	249	152	158	160	148	107	178	185	160
Chlorophyll a(mg/m^3)	32211	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0
Pheophytin(mg/m^3)	32218					1.6	<1.0	3	<1.0	<1.0	<1.0	<3.0	<3.0

Parameter	Parameter Code	Date and 24 hour time 06/16/04 1511	10/12/04 1025	2/8/05 1000	5/4/05 1125	7/5/05 1140	10/3/05 1202	1/3/06 1218	5/3/06 1254	8/8/06 1213	11/2/06 1229	2/7/07 1233	4/27/07 1152
Flow (cfs)	00061	57.9	5.54	21	19.1	6	3.9	2.9	2.86	0.5	0.72	10.9	83.1
E. coli(org/100mL)	31699	203	365	187	120	140	130	250	72	200	180	70	160
Suspended Solids(mg/L)	00530	<1.0	1.2	2.7	7.5	2.6	<1	1	1.3	2	26	3.7	4.3
Turbidity(NTU)	82079	0.74	0.5	2.2	1.2	1.3	0.6	0.5	1.2	1.7	4.9	1.6	2.9
pH	00400	7.82	7.85	7.83	7.85	7.81	7.86	7.84	7.77	7.71	7.77	7.84	7.93
Temperature(C)	00010	22.2	20.7	16.2	19.2	26.4	25.3	15.6	21.2	25.5	17.2	14.4	20.3
Dissolved Oxygen(mg/L)	00300	7.72	8.12	9.9	9.57	7.38	11.27	11.2	9.79	6.38	7.39	10.2	8.48
Conductivity(umhos/cm)	00094	577	566	544	539	518	480	553	524	376	558	712	610
Total Phosphorus(mg/L)	00665	0.11	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Nitrate-N(mg/L)	00620	0.66	0.03	0.23	0.14	0.05	0.03	0.02	0.02	0.02	<0.02	0.79	0.62
Chloride(mg/L)	00940	16.2	12.7	13.5	12.4	13.6	13.6	13.3	14.5	16.3	17.9	31.1	17.8
Sulfate(mg/L)	00945	19	16.2	17.5	16.3	16.9	16.8	20.8	18.7	16	19.7	35.8	22.1
Total Hardness(mg/L)	00900	290	266	278	274	244	268	275	291	276	280	308	323
Ammonia-N(mg/L)	00610	0.05	0.1	0.03	0.02	0.06	0.03	0.02	0.02	0.02	0.03	<0.02	0.04
Chlorophyll a(mg/m^3)	32211	<5.0	<1	<1	2.2	<1	<1	<1	<1	2.4	<1	<1	<1
Pheophytin(mg/m^3)	32218	<3.0	<5	<3	<3	<3	<1	<1	1.3	<1	<1	<1	<1

TABLE 22

TCEQ Segment 1803
TCEQ Station 12674
Station Number 22 Cypress Creek at FM 12 in Wimberley
Latitude 29/59/46 Longitude 98/05/48

Parameter	Parameter Code	Date and 24 hour time 7/10/07 1157	10/10/07 1155	1/09/08 1120	4/08/08 1143	8/05/08 1226	10/06/08 1242	12/03/08 1248	4/08/09 1122	6/01/09 1214	10/07/09 1146	1/11/10 1209	3/2/10 1217
Flow (cfs)	00061	53	14	3	2.7	0.09	0.42	1	0.48	0.88	3.2	7.2	27
E. coli(org/100mL)	31699	120	200	380	84	650	650	370	240	320	410	61	52
Suspended Solids(mg/L)	00530	9.3	1.3	2.7	<1	2	1.3	<1	6	<1	2.7	2.7	<1
Turbidity(NTU)	82079	2.4	1.3	0.51	0.5		0.16	2.7	1.76	<0.5	0.7	<0.5	0.8
pH	00400	7.85	7.79	7.8	7.8	7.7	7.9	7.3	7.8	7.6	7.6	7.8	8
Temperature(C)	00010	23.7	23.1	14.8	20.5	26.3	21.3	14.1	15.8	22.9	22.7	8.4	14.3
Dissolved Oxygen(mg/L)	00300	8.89	9.22	9.2	8.3	7.2		11.6	8.6	7	6.6	10	11.7
Conductivity(umhos/cm)	00094	620	543	440	516	560	579	578	561	580	651	639	567
Total Phosphorus(mg/L)	00665	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.72	<0.05
Nitrate-N(mg/L)	00620	0.3	0.14	0.09	<0.05	0.14	<0.05	<0.05	<0.05	<0.05	0.28	<0.05	0.94
Chloride(mg/L)	00940	17	14.5	12.4	14.1	18.9	19.6	16.5	18.6	19	23.9	31	19.7
Sulfate(mg/L)	00945	19.8	17.3	18.4	21.3	18.8	20	18.8	23.2	20.5	35.8	35.3	21.6
Total Hardness(mg/L)	00900	288	287	267	278	279	279	290	292	289	324	343	288
Ammonia-N(mg/L)	00610	0.02	<0.2	<0.1	<0.1	0.12	0.2	0.12	<0.1	<0.1	0.11	<0.1	<0.1
Chlorophyll a(mg/m^3)	32211	<1	<1	<1	<1	1.2	<1	<1	<1	<1	<1		<1
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1
Total Kjeldahl Nitrogen (mg/L)	00625		<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.41	<0.2

Parameter	Parameter Code	Date and 24 hour time 8/2/10 1211	10/5/10 1215	1/4/11 1325	3/1/11 1059	6/1/11 1145	10/12/11 1248	12/7/11 1317	5/1/12 1148	7/9/12 1257	11/7/12 1345	1/8/13 1323	5/6/13 1248
Flow (cfs)	00061	4	21	4.7	5	0.3	DRY	3	12	6.2	2.6	2.2	1.6
E. coli(org/100mL)	31699	190	140	110	250	460		230	120	410	980	500	410
Suspended Solids(mg/L)	00530	3.3	1.4	<1	1.3	0.9		<1	<1	1.9	1.6	1.6	<1
Turbidity(NTU)	82079	3.1	0.9	0.5	0.7	0.5		<0.5	0.8	0.6	0.5	3	0.53
pH	00400	7.7	7.9	7.8	7.9	7.7		7.7	7.8	7.6	7.7	7.8	7.7
Temperature(C)	00010	25.7	19.4	12.8	15.9	24.8		11.9	22.2	25.5	18.2	11.3	16.9
Dissolved Oxygen(mg/L)	00300	7.4	8.5	9.2	9.2	6.1		9.3	8	7.3	8.3	9.3	7.7
Conductivity(umhos/cm)	00094	576	576	540	567	382		613	575	570	580	553	586
Total Phosphorus(mg/L)	00665	<0.05	<0.05	<0.05	<0.05	<0.05		<0.02	<0.02	<0.;02	<0.02	<0.02	<0.02
Nitrate-N(mg/L)	00620	0.12	0.23	0.12	0.08	0.2		0.09	0.4	0.21	0.21	0.19	0.2
Chloride(mg/L)	00940	21.8	17.6	17.8	19.8	24		24.9	21	20.6	19.1	18.3	21.6
Sulfate(mg/L)	00945	23.4	19.3	23.3	24	22.8		36.6	21.7	21.3	21.6	23.5	24.5
Total Hardness(mg/L)	00900	280	280	261	286	307		286	282	274	282	283	290
Ammonia-N(mg/L)	00610	<0.1	0.12	<0.1	<0.1	0.12		0.27	0.23	0.16	0.16	0.18	0.11
Chlorophyll a(mg/m^3)	32211	<1	<1	<1	1.1	1.8		<1	<1	3.5	<1	<1	<1
Pheophytin(mg/m^3)	32218	<1	<1	<1	<1	<1		<1	<1	2.1	<1	<1	<1
Total Kjeldahl Nitrogen (mg/L)	00625	0.27	<0.2	<0.2	0.23	<0.2		<0.2	<0.2	<0.2	<0.2	0.27	<0.2

Parameter	Parameter Code	Date and 24 hour time 7/9/2013 1326	11/4/13 1414	2/4/14 1229	5/5/14 1324	7/1/14 1303	11/11/14 1334	2/2/15 1247	5/6/15 1238	8/4/15 1243	10/19/15 1219	4/5/16 1213	8/2/16 1243
Flow (cfs)	00061	<0.01	35	3.4	0.7	1.9	1.0	9.9	6.7	9.0	2.0	21	8.1
E. coli(org/100mL)	31699	610	200	2000	310	120	280	200	190	280	920	130	480
Suspended Solids(mg/L)	00530	<1	0.9	<1	2.00	0.50	<0.50	1.30	<1.0	1.80	1.70	<0.50	<0.50
Turbidity(NTU)	82079	0.5	0.6	<0.5	0.42	<0.5	0.5	0.7	<0.5	1.0	1.7	0.8	1.1
pH	00400	7.7	7.9	7.6	7.9	7.4	7.8	7.9	7.4	7.9	8.1	7.9	7.5
Temperature(C)	00010	26.1	19.3	11.1	19.1	24.7	15.6		21.0	25.4	19.2	18.7	26.1
Dissolved Oxygen(mg/L)	00300	7.8	8.8	10.6	8.0	7.7	8.2	9.7	7.7	7.9	8.3	9.4	7.6
Conductivity(umhos/cm)	00094	602	602	635	631	635	641	643	643	571	585	583	555
Total Phosphorus(mg/L)	00665	0.03	<0.02	<0.02	<0.02	<0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate-N(mg/L)	00620	0.19	1.37	0.31	0.24	0.06	<0.05	0.53	0.19	0.23	<0.05	0.44	0.2
Chloride(mg/L)	00940	25.2	22.9	29.3	29.4	31.1	34.4	32.1	32.0	22.1	20.9	22.5	18.0
Sulfate(mg/L)	00945	22.9	23.4	28.0	27.9	27.4	30.4	31.5	28.6	20.8	23.9	21.7	18.6
Total Hardness(mg/L)	00900	284	286	294	298	290	313	302	316	262	286	278	272
Ammonia-N(mg/L)	00610	0.16	<0.1	<0.10	<0.10	0.26	0.26	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Chlorophyll a(mg/m^3)	32211	2.05	<1.00	<1.00	1.36	<1.00	2.40	<1.00	<1.00	<1.00	1.25	<1.00	<1.00
Pheophytin(mg/m^3)	32218	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	0.24	<0.2		<0.2	<0.20	<0.20	<0.20	<0.20	<0.20	0.30	0.22	<0.20

TABLE 22

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Latitude 29/59/46 Longitude 98/05/48

Parameter	Parameter Code	Date and 24 hour time 10/10/16 934	1/9/17 1235	5/10/17 1409	8/16/17 1205	10/2/17 1240	1/17/18 1055	2/20/18 1344	4/9/18 920	5/3/18 1405	6/7/18 857	8/1/18 1156	11/5/18 1301
Flow (cfs)	00061	17	14	10	1.5	6	118	4.9	149	4.3	37	0.3	28
E. coli(org/100mL)	31699	260	650	120	1000	240	84	870	35	160	56	2400	110
Suspended Solids(mg/L)	00530	2.20	<0.50	0.80	0.60	0.90	0.70	144.00	5.4	5	1	13	1.5
Turbidity(NTU)	82079	1.1	0.8	0.3	2.00	0.5	1.0	36	3.5	0.9	1.7	3.4	<0.5
pH	00400	7.7	7.7	7.6	7.9	7.9	8.1	7.8	7.6	7.8	7.4	7.6	7.8
Temperature(C)	00010	20.1	12	21.5	26.4	23.1	8.8	17.5	18	21.3	28.5	25.7	19.8
Dissolved Oxygen(mg/L)	00300	8.7	9.9	8.1	7.1	8.3	13.1	8.2	8.6	7.8	6.8	6	8.4
Conductivity(umhos/cm)	00094	592	573	563	559	571	481	576	512	594	492	585	595
Total Phosphorus(mg/L)	00665	<0.02	<0.02	<0.02	<0.02	<0.02	0.06	0.11	0.05	<0.02	0.08	0.04	<0.02
Nitrate-N(mg/L)	00620	0.39	0.29	0.23	0.05	0.22	0.52	0.18	0.88	0.12	0.65	0.05	0.59
Chloride(mg/L)	00940	21.3	20.8	16.2	17.4	19.6	21.8	24.7	21	25.6	24.6	25.1	22.8
Sulfate(mg/L)	00945	21.8	22.8	16.5	19.2	22.8	26.9	27	23.2	26.4	25.8	23.1	21.5
Total Hardness(mg/L)	00900	247	278	270	265	279	225	394	241	290	218	292	298
Ammonia-N(mg/L)	00610	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<.10	<0.10	<0.10
Chlorophyll a(mg/m^3)	32211	<1.00	<1.00	<1.00	1.60	<1.00	<1.00	12	<1.00	1.34	1.93	3.08	<1.00
Pheophytin(mg/m^3)	32218	<1.00	<1.00	<1.00	1.08	<1.00	4.13	5.32	<1.00	<1.00	1.12	2.17	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	<0.20	0.23	<0.20	<0.20	0.20	1.26	0.29	<0.20	0.42	0.4	<0.20

Parameter	Parameter Code	Date and 24 hour time 12/4/18 925	2/4/19 1205	4/22/19 1302	6/5/19 920	7/1/19 957	8/26/19 1354	10/2/19 1339	11/4/19 1300	1/9/20 906	2/12/20 1336	###### 1220
Flow (cfs)	00061	499	33	11	1710	452	3.2	165	0.3	95	3.7	1.1
E. coli(org/100mL)	31699	82	120	75	100	160	220	26	76	84	2400	230
Suspended Solids(mg/L)	00530	3.3	<0.50	<0.50	8.9	24.2	0.7	13.2	1.5	1.2		1.6
Turbidity(NTU)	82079	3	<0.50	0.35	4.2	5.1	0.6	4.3	<0.50	1.3		<0.05
pH	00400	7.6	7.7	7.9	8.1	7.3	7.4	7.9	7.6	6.9	7.9	7.7
Temperature(C)	00010	14.8	18.5	20.3	16.4		26.8	26	15.7	14.3	12.4	22.3
Dissolved Oxygen(mg/L)	00300	10.1	8.9	9.5	10.4	9.2	7.8	7.5	8.7	11.5	9.6	7.2
Conductivity(umhos/cm)	00094	482	574	570	447	469	544	474	496	373	491	606
Total Phosphorus(mg/L)	00665	0.02	<0.02	<0.020	<0.020	0.031	<0.02	0.085	<0.02	0.059		<0.02
Nitrate-N(mg/L)	00620	18.9	0.51	0.216	0.442	0.511	0.108	0.594	<0.05	0.59	0.08	0.09
Chloride(mg/L)	00940	22.3	19.5	20.9	19.6	18.8	18.5	20.4	17.5	22.9	17.3	29
Sulfate(mg/L)	00945	0.66	20	23.4	23	22.3	20	21.4	21.5	26.4	22.3	28.4
Total Hardness(mg/L)	00900	241	287	289	221	240	272	232	281	231	262	290
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
Chlorophyll a(mg/m^3)	32211	<1.00	<1.00	<1.00	<1.00	3	<1.00	<1.00	<1.00	<1.00	2.31	<1.00
Pheophytin(mg/m^3)	32218	<1.00	<1.00	<1.00	<1.00	2.4	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Total Kjeldahl Nitrogen (mg/L)	00625	<0.20	<0.20	<0.20	0.33	<0.20	<0.20	0.28	<0.2	<0.20		<0.20

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

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