

Appendix B. Phase 1 Data Tables

Blanco River @ C.R. 406

TNRCC Segment 1813
Blanco Study Segment 12667

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1457	2/12/02 1334	3/18/02 1256	4/24/02 1301	5/16/02 1443	6/11/02 1252	7/24/02 1416	8/19/02 1109	9/23/02 1310	10/30/02 1420	11/13/02 1305	12/17/02 1535
Flow (cfs)		30	23	45	35	9.77	4.73	250	51.5	53	88	65.9	100
Temperature(C)	00010	14.03	11.36	18.78	26.16	26.38	28.73	28.5	27.5	24	20.8	16.4	16.5
Conductivity(umhos/cm)	00094	522	543	493	470	481	460	529	495	494	480	513	512
Sulfate(mg/L)	00945	29	28.6	31.2	26.8	29.4	30.7	24.4	32.4	31.2	18.8	22.8	25.9

Blanco River @ US HWY 281

TNRCC Segment 1813
Blanco Study Segment 13514

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1401	2/12/02 1233	3/18/02 1154	4/24/02 1214	5/16/02 1309	6/11/02 1136	7/14/02 1249	8/19/02 1435	9/23/02 1150	10/30/02 1252	11/13/02 1209	12/17/02 1417
Flow (cfs)		25	30	23	16	8	4	300	48	40	100	67	90
Temperature(C)	00010	14.49	11.75	19	25.37	24.63	28.56	27.6	29	26.3	20.3	16.1	16
Conductivity(umhos/cm)	00094	538	553	507	499	516	457	538	519	485	490	524	523
Sulfate(mg/L)	00945	27.3	27.3	29.1	25	27.8	22.9	24	33.7	24.3	17	20.5	23.7

Blanco River @ C.R. 103

TNRCC Segment 1813
Blanco Study Segment 17522

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1225	2/12/02 1140	3/18/02 1104	4/24/02 1128	5/16/02 1218	6/11/02 1100	7/24/02 1208	8/19/02 1347	9/23/02 1105	10/30/02 1212	11/13/02 1127	12/17/02 1333
Flow (cfs)		46	28.6	20.8	16	6.62	3.68	292	47.7	36.8	95	66.7	87.6
Temperature(C)	00010	14.09	11.08	19.6	26.74	26.8	28.53	27.6	31.2	22.3	21	15	17.8
Conductivity(umhos/cm)	00094	512	530	464	440	478	433	550	500	479	491	524	494

Sulfate(mg/L)	00945	26.8	26.4	27.3	23.2	32.5	30.4	23.6	34.2	23.2	15.9	19.1	23
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McKinney Creek @ R.R. 1623

TNRCC Segment 1813
 Blanco Study Segment 17523

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1206	2/12/02 1121	3/18/02	4/24/02	5/16/02	6/11/02 1055	7/24/02 1152	8/19/02 1334	9/23/02	10/30/02 1200	11/13/02 1114	12/17/02 1315
Flow (cfs)		0.35	0.05	no flow	no flow	no flow	no flow	2.1	0.72	no flow	0.28	0.39	0.79
Temperature(C)	00010	15.26	11.1					25.2	26.8		21.6	16.7	18.6
Conductivity(umhos/cm)	00094	541	556					575	400		593	627	566
Sulfate(mg/L)	00945	26.4	29.8					27.5	28.8		27.9	30	29.6

Big Creek @ R.R. 1888

TNRCC Segment 1813
 Blanco Study Segment 17524

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1124	2/12/02 1057	3/18/02 1048	4/24/02 1109	5/16/02 1202	6/11/02 1045	7/24/02 1123	8/19/02 1315	9/23/02 1105	10/30/02 1147	11/13/02 1053	12/17/02 1253
Flow (cfs)		2.54	0.98	0.44	0.24	<0.1	<0.1	18	2.36	0.41	1.24	2.44	2.81
Temperature(C)	00010	16.07	9.07	18.38	22.07	25.24	25.47	26.6	30.1	20.8	20.1	13.9	16.3
Conductivity(umhos/cm)	00094	625	587	559	575	744	819	610	569	568	530	565	533
Sulfate(mg/L)	00945	21.2	39.6	58	62.3	106	129	28.5	43	55.1	38.7	36.2	35.6

Blanco River @ C.R. 104

TNRCC Segment 1813
 Blanco Study Segment 17525

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1047	2/12/02 1028	3/18/02 1017	4/24/02 1036	5/16/02 1133	6/11/02 1021	7/24/02 1044	8/19/02 1251	9/23/02 1017	10/30/02 1123	11/13/02 1017	12/17/02 1217
Flow (cfs)		26.9	20.6	12.9	13.1	4.47	2.43	292	33	19.1	68.6	58.8	55.8
Temperature(C)	00010	12.94	9.26	19.31	24.56	23.64	25.85	26	28.1	21.6	19	13.9	15.9
Conductivity(umhos/cm)	00094	520	530	471	456	505	518	544	483	478	496	523	503

Sulfate(mg/L)	00945	25.7	24.9	26.5	22.2	30.9	29.8	21.9	31.2	22.7	15.6	18.4	23.2
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Crabapple Creek 5 meters from C.R. 104

TNRCC Segment 1813
 Blanco Study Segment 17529

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02	2/12/02	3/18/02	4/24/02	5/16/02	6/11/02	7/24/02	8/19/02	9/23/02	10/30/02	11/13/02	12/17/02
		1058	1037	1022	1042	1148	1035	1102	1259	1027	1133	1038	1234
Flow (cfs)		9.34	4.36	3	2.5	1.15	1.14	43.6	6.26	4.26	13.6	18.7	14.8
Temperature(C)	00010	13.48	9.12	18.51	23.55	24.44	26.95	23.8	27.7	21.1	18.7	13.8	16.4
Conductivity(umhos/cm)	00094	428	500	448	447	458	446	545	480	462	508	524	477
Sulfate(mg/L)	00945	16.7	17.7	17.9	14.6	16.4	12.9	17.5	24.2	16.4	12.6	14.1	16.1

Falls Creek @ R.R. 1888

TNRCC Segment 1813
 Blanco Study Segment 17526

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02	2/12/02	3/18/02	4/24/02	5/16/02	6/11/02	7/24/02	8/19/02	9/23/02	10/30/02	11/13/02	12/17/02
		1014	1006	1002	1018	1112	1010	1031	1238	1000	1107	1000	1203
Flow (cfs)		1.36	0.77	0.45	0.4	<0.1	<0.1	5.97	0.71	0.42	3	2.98	3.25
Temperature(C)	00010	12.73	10.29	18.42	22.81	22.95	25.34	25.9	27.5	21.8	19.5	15.6	15.6
Conductivity(umhos/cm)	00094	582	606	578	604	619	625	606	625	643	595	610	571
Sulfate(mg/L)	00945	24.9	25.6	26.6	24.5	26	22.9	18.8	35.2	38.3	20	20.2	20.2

Cottonwood Creek @ R.R. 1623

TNRCC Segment 1813
 Blanco Study Segment 17527

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02	2/12/02	3/18/02	4/24/02	5/16/02	6/11/02	7/24/02	8/19/02	9/23/02	10/30/02	11/13/02	12/17/02
		1244	1158	1104			1116	1221	1405	1122	1227	1142	1542
Flow (cfs)		1.53	0.52	0.06	no flow	no flow	no flow	4.5	1.05	0.42	3.87	1.85	1.33
Temperature(C)	00010	14.78	11.42	17.29				24.7	26.4	21.6	19.1	15	17.1
Conductivity(umhos/cm)	00094	575	609	539				640	567	596	590	636	585

Sulfate(mg/L)	00945	33.2	28	32.9				29.9	37.8	30	25.9	31.1	28.4
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Blanco River @ River Road

TNRCC Segment 1813
 Blanco Study Segment 17528

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1301	2/12/02 1210	3/18/02 1120	4/24/02 1149	5/16/02 1250	6/11/02 1120	7/24/02 1234	8/19/02 1418	9/23/02 1132	10/30/02 1234	11/13/02 1151	12/17/02 1542
Flow (cfs)		50	30	0.06	16	7	4	300	48	38	100	67	88
Temperature(C)	00010	12.96	11.93	17.29	25.55	25.41	28.13	27	28.8	23.8	21	16.3	16.2
Conductivity(umhos/cm)	00094	533	555	539	461	534	463	542	522	475	488	524	512
Sulfate(mg/L)	00945	29.3	30.4	32.9	25.4	30.2	25.4	24.3	34.6	22.8	16.9	20.8	23.4

Koch Creek @ Blanco State Park Rd

TNRCC Segment 1813
 Blanco Study Segment 17521

Parameter	Parameter Code	Date and 24 hour time											
		1/22/02 1345	2/12/02 1223	3/18/02 1142	4/24/02 1206	5/16/02 1307	6/11/02 1129	7/24/02 1240	8/19/02 1426	9/23/02 1141	10/30/02 1246	11/13/02 1202	12/17/02 1417
Flow (cfs)		2.7	2.39	1.29	0.91	0.73	0.58	4.7	1.98	1.48	2.81	2.49	3.26
Temperature(C)	00010	17.93	14.13	19.23	22.17	22.67	24.53	24.2	25.7	20.1	21	17.3	20.7
Conductivity(umhos/cm)	00094	527	583	545	583	572	559	595	559	574	555	552	566
Sulfate(mg/L)	00945	15.4	14.7	15.2	15	16	15.9	15.8	16.4	13	15.7	15.4	16.9

Blanco WWTP

Parameter	Parameter Code	1/22/02	2/12/02	3/18/02	4/24/02	5/16/02	6/11/02	#####	8/19/02	9/23/02	10/30/02	11/13/02	12/17/02
				1200	1245	1320	1145	1330	1150	1200	1310	1225	1542
Sulfate(mg/L)	00945	67.6	28.8	116.4	63.4	113	69.1	48.9	42.6	42.2	30.4	35.1	35.6
Discharge volume (gallons)		8600	0	0	0	0	0	8.6 MGD/r	0	0	0	219000	141500
Irrigated (gallons)								751000					

Blanco River @ C.R. 406

Mean Concentration

Flow (cfs)	63.0
Temperature(C)	21.6
Conductivity(umhos/cm)	499
Sulfate(mg/L)	27.6

Blanco River @ US HWY 281

Mean Concentration

Flow (cfs)	62.6
Temperature(C)	21.6
Conductivity(umhos/cm)	512
Sulfate(mg/L)	25.2

Blanco River @ C.R. 103

Mean Concentration

Flow (cfs)	62.3
Temperature(C)	21.8
Conductivity(umhos/cm)	491

Sulfate(mg/L)	25.5
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McKinney Creek @ R.R. 1623
Mean Concentration

Flow (cfs)	0.7
Temperature(C)	19.3
Conductivity(umhos/cm)	551
Sulfate(mg/L)	28.6

Big Creek @ R.R. 1888
Mean Concentration

Flow (cfs)	3.1
Temperature(C)	20.3
Conductivity(umhos/cm)	607
Sulfate(mg/L)	54.4

Blanco River @ C.R. 104
Mean Concentration

Flow (cfs)	50.6
Temperature(C)	20.0
Conductivity(umhos/cm)	502

Sulfate(mg/L)	24.4
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Crabapple Creek at C.R. 104
Mean Concentration

Flow (cfs)	10.2
Temperature(C)	19.8
Conductivity(umhos/cm)	477
Sulfate(mg/L)	16.4

Falls Creek @ R.R. 1888
Mean Concentration

Flow (cfs)	1.9
Temperature(C)	19.9
Conductivity(umhos/cm)	605
Sulfate(mg/L)	25.3

Cottonwood Creek @ R.R. 1623
Mean Concentration

Flow (cfs)	1.7
Temperature(C)	18.6
Conductivity(umhos/cm)	593

Sulfate(mg/L)	30.8
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Blanco River @ River Road
Mean Concentration

Flow (cfs)	62.3
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Temperature(C)	21.2
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Conductivity(umhos/cm)	512
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Sulfate(mg/L)	26.4
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Koch Creek @ Blanco State Park
Mean Concentration

Flow (cfs)	2.11
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Temperature(C)	20.8
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Conductivity(umhos/cm)	564
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Sulfate(mg/L)	15.5
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Blanco WWTP
Mean Concentration

Sulfate(mg/L)	57.8
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