

Clean Rivers Program
 Special Study Update
 Comprehensive Study of Sulphur Creek

Appendix A: Data Results through November 2005

Site	Location	Water Temperature				Dissolved Oxygen				pH				Chloride			Sulfate			Total Dissolved Solids			Total Suspended Solids			
		Mean	Median	% Exceedance	# of Samples	Mean	Median	% Exceedance	# of Samples	Mean	Median	% Exceedance	# of Samples	Mean	Median	# of Samples	Mean	Median	# of Samples	Mean	Median	# of Samples	Mean	Median	# of Samples	
Segment	1217 -	32.8				5				6.5-9.0				500			100			1200				NA		
18782	Sulphur Creek at Naruna Road	23.0	23.5	0%	6	4.9	4.9	50%	6	7.5	7.5	0%	6	379.4	432.7	6	15.3	17.2	6	928*	1082*	6	9.0	10.0	6	
18784	Sulphur Springs in Tank	22.7	22.1	0%	6	3.4	3.0	83%	6	7.2	7.1	0%	6	326.0	325.2	6	26.2	26.1	6	933*	923*	6	<4	<4	5	
15766	Sulphur Creek at Hancock Park Golf Cart Crossing	23.3	23.0	0%	7	3.2	3.9	86%	7	7.4	7.4	0%	7	451.3	475.5	7	17.5	18.9	7	1054*	1150*	7	4.3	2.0	7	
18787	Sulphur Springs at Hancock Park	23.5	23.4	0%	6	3.2	3.2	83%	6	7.5	7.3	0%	6	907.4	641.4	6	29.8	21.7	6	1145	1255	5	9.7	6.0	6	
18783	Sulphur Creek at Hwy 281 in Brook Park	23.6	23.8	0%	6	8.9	6.4	17%	6	4.5	7.4	0%	6	640.8	652.3	6	20.2	21.8	6	1092*	1300*	3	6.5	5.0	6	
18760	Sulphur Creek Upstream of Lampasas WWTP	22.6	23.1	0%	9	8.3	8.5	0%	9	7.7	7.7	0%	9	506.6	549.7	10	20.1	21.3	10	833	859	8	6.9	7.0	10	
15780	Sulphur Creek Downstream of Lampasas WWTP	23.3	23.6	0%	6	7.2	7.8	17%	6	7.9	7.8	0%	6	545.8	561.9	6	23.8	24.8	6	1144*	1092*	4	4.4	<4	5	
15781	Sulphur Creek at CR 7 - Sparks Crossing	22.9	24.0	0%	7	7.2	6.4	0%	7	8.1	8.0	14%	7	522.4	534.9	7	24.4	25.4	7	1075*	1203*	7	5.3	5.0	7	
16358	Sulphur Creek at Deadmans Cut	24.4	24.3	0%	4	7.0	7.2	0%	4	8.1	8.1	0%	4	498.5	569.3	4	21.5	25.2	4	1146*	1203*	4	28.5	12.0	4	
15250	Sulphur Creek at CR 8	20.7	21.6	0%	50	9.2	8.4	0%	48	8.1	8.1	0%	49	428.2	467.4	42	23.2	25.1	43	833	877	18	18.0	7.0	48	

* TDS calculated from specific conductance: specific conductance * 0.65

Green shaded data is of concern and should be watched, it cannot be called an official concern based on limited data.

Blue shaded data is from spring sites and segment criteria do not apply.

Site	Location	<i>E. coli</i>			Nitrite+Nitrate Nitrogen			Total Kjeldahl Nitrogen			Orthophosphate phosphorus			Total Phosphorus			Chlorophyll <i>a</i>						
		Geometric Mean	% Exceedance	# of Samples	Mean	Median	% Exceedance	# of Samples	Mean	Median	# of Samples	Mean	Median	% Exceedance	# of Samples	Mean	Median	% Exceedance	# of Samples	Mean	Median	% Exceedance	# of Samples
Segment	1217 -	126			2.76				NA			0.5			0.18			21.4					
18782	Sulphur Creek at Naruna Road	21	17%	6	0.15	0.16	0%	6	1.8	1.79	6	<0.04	<0.04	0%	6	<0.06	<0.06	0%	6	<3.3	<3.3	0%	5
18784	Sulphur Springs in Tank	2	0%	6	0.72	0.79	0%	6	1.3	0.93	6	<0.04	<0.04	0%	6	<0.06	<0.06	0%	6	<3.3	<3.3	0%	4
15766	Sulphur Creek at Hancock Park Golf Cart Crossing	58	14%	7	0.1	0.2	0%	6	1.1	1.2	7	<0.04	<0.04	0%	7	<0.06	<0.06	0%	7	<3.3	<3.3	0%	6
18787	Sulphur Springs at Hancock Park	54	33%	6	0.11	0.12	0%	6	1.57	1.2	6	<0.04	<0.04	0%	6	<0.06	<0.06	0%	6	3.3	<3.3	0%	5
18783	Sulphur Creek at Hwy 281 in Brook Park	435	50%	6	0.1	0.11	0%	6	1.69	1.64	6	<0.04	<0.04	0%	6	<0.06	<0.06	0%	6	<3.3	<3.3	0%	5
18760	Sulphur Creek Upstream of Lampasas WWTP	379	50%	10	0.17	0.16	0%	10	1.34	1.3	8	<0.04	<0.04	0%	10	<0.06	<0.06	0%	8	<3.3	<3.3	0%	9
15780	Sulphur Creek Downstream of Lampasas WWTP	76	17%	6	1.11	1.23	0%	6	1.6	1.63	6	0.13	0.14	0%	6	<0.06	<0.06	0%	6	<3.3	<3.3	0%	4
15781	Sulphur Creek at CR 7 - Sparks Crossing	139	17%	6	1.13	1.09	0%	7	1.66	1.62	6	0.12	0.14	0%	7	<0.06	<0.06	0%	6	<3.3	<3.3	0%	5
16358	Sulphur Creek at Deadmans Cut	122	25%	4	0.58	0.57	0%	4	1.71	1.73	4	0.09	0.07	0%	4	<0.06	<0.06	0%	4	3.53	<3.3	0%	4
15250	Sulphur Creek at CR 8	92	12%	25	0.55	0.55	0%	41	1.27	1.32	11	0.06	0.05	0%	42	<0.06	<0.06	0%	11	<3.3	<3.3	0%	17

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