

Appendix B Lake Stillhouse Hollow Special Project Data Summary January 2005 - August 2006

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 1216 - Lake Stillhouse Hollow - standard criteria		33.9 C				≤3.0 mg/l or ≤5.0 mg/l				6.5-9.0 SU				100 mg/l			75 mg/l			500 mg/l			NA		
11894	Stillhouse Hollow Dam	21.2	21.3	0%	64	8.4	8.2	0%	62	8.3	8.3	0%	63	49.2	50.1	62	20.4	21.0	63	247	251	50	4	<4	65
11895	Stillhouse Headwaters	21.7	21.6	0%	64	8.13	8.2	0%	62	8.24	8.27	0%	63	58.0	55.4	61	21.2	21.1	62	328*	331*	65	6.4	6	64
18753	Lake Stillhouse Hollow at Little Trimmier Creek Cove	23.1	23.2	0%	19	7.39	7.26	11%	18	8.14	8.18	0%	19	51.7	52.4	20	20.8	20.5	20	345*	334*	17	15	13	20
18752	Lake Stillhouse Hollow near shore on upstream side of FM 3481	22.9	22.8	0%	19	8.12	8.05	0%	18	8.25	8.26	0%	19	53.2	53.4	20	20.7	20.5	20	349*	342*	17	8	8	20
18756	Lake Stillhouse Hollow near end of Fuller Lane W of Dana Peak Park	22.6	22.7	0%	19	8.27	8.48	0%	18	8.29	8.35	0%	19	45.4	45.6	20	20.2	20.4	20	321*	318*	17	<4	<4	20
18757	Lake Stillhouse Hollow at cove East of Dana Peak Park	22.4	22.3	0%	19	8.28	8.3	0%	18	8.3	8.37	0%	19	42.8	41.7	20	20.0	19.9	20	306*	306*	17	4	4	20
18758	Lake Stillhouse Hollow at cove South of West Marina	22.1	21.88	0%	19	8.26	8.22	0%	18	8.28	8.38	0%	19	43.6	41.1	20	20.5	20.3	20	302*	298*	17	<4	<4	20
Segment 1217 - Stillhouse tributaries standard criteria		32.8 C				≤3.0 mg/l or ≤5.0 mg/l				6.5-9.0 SU				500 mg/l			100 mg/l			1200 mg/l					
18759	Reese Creek at FM 2670	19.5	20.9	0%	19	7.53	7.24	0%	19	7.7	7.78	0%	19	14.3	15.4	20	19.3	20.7	20	333	340	17	45	<4	19
18761	Lampasas River at FM 2484	20.6	22.0	0%	19	7.6	7.01	6%	19	8.07	8.1	0%	19	162.0	153.0	20	21.7	23.3	20	552*	521*	17	56	13	20
11897	Lampasas River at US 190	20.9	20.9	0%	51	10.99	10.75	2%	49	8.25	8.25	2%	50	207.8	168.8	40	38.3	25.8	41	671*	666*	51	21	7	45
90081	Lampasas River at Gravel Crossing Lane**	13.7	15.3	0%	3	9.42	8.95	0%	3	8.19	8.18	0%	3	33.5	34.2	3	27.1	27.5	3	403*	394*	3	10	12	3
18755	Onion Creek***	17.2	18.6	0%	8	7.36	7.02	13%	8	7.75	7.74	0%	8	30.2	34.3	8	21.1	21.7	8	344*	385*	8	9	<4	8
18754	Trimmier Creek at Chaparral Road	19.8	21.6	0%	20	7.35	7.86	5%	20	7.78	7.83	0%	20	33.5	34.7	20	33.5	34.5	20	340*	358*	17	67	20	20
11724	Rocky Creek near FM 963	22.7	23.8	0%	7	7.99	7.88	0%	7	7.98	8.01	0%	7	9.4	9.7	7	12.4	12.0	7	287*	319*	5	4	4	7

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 1216 - Lake Stillhouse Hollow		126 mpn/100ml			0.32 mg/l				NA			0.05 mg/l				0.18 mg/l				21.4 ug/l			
11894	Stillhouse Hollow Dam	1	0%	28	0.09	0.05	0%	61	1.63	0.88	21	<0.04	<0.04	0%	24	<0.06	<0.06	0%	23	3.7	3.3	0%	37
11895	Stillhouse Headwaters	2	0%	29	0.11	0.05	12%	65	1.5	0.88	22	<0.04	<0.04	0%	22	<0.06	<0.06	0%	23	4.1	3.5	0%	35
18753	Lake Stillhouse Hollow at Little Trimmier Creek Cove	5	5%	19	0.11	0.06	6%	18	1.88	1	18	<0.04	<0.04	0%	20	<0.06	<0.06	0%	19	7.3	4.3	7%	14
18752	Lake Stillhouse Hollow near shore on upstream side of FM 3481	2	0%	19	0.12	0.06	6%	18	1.69	1.11	18	<0.04	<0.04	0%	20	<0.06	<0.06	0%	19	3.6	3.3	0%	14
18756	Lake Stillhouse Hollow near end of Fuller Lane W of Dana Peak Park	1	0%	19	0.08	0.04	0%	20	1.81	1.06	16	<0.04	<0.04	0%	20	0.09	<0.06	0%	19	3.6	3.3	0%	14
18757	Lake Stillhouse Hollow at cove East of Dana Peak Park	1	0%	19	0.07	0.02	0%	20	1.86	1.15	16	<0.04	<0.04	0%	20	<0.06	<0.06	0%	19	3.4	3.3	0%	14
18758	Lake Stillhouse Hollow at cove South of West Marina	1	0%	19	0.07	0.03	0%	20	1.86	0.95	16	<0.04	<0.04	0%	20	0.09	<0.06	0%	19	<3.3	<3.3	0%	14
Segment 1217 - Lampasas River and Stillhouse tributaries		126 mpn/100ml			2.76 mg/l				NA			0.5 mg/l				0.8 mg/l				11.6 ug/l			
18759	Reese Creek at FM 2670	104	17%	19	0.1	0.12	0%	20	1.51	0.64	16	<0.04	<0.04	0%	20	<0.06	<0.06	0%	19	<3.3	<3.3	0%	15
18761	Lampasas River at FM 2484	94	16%	19	0.18	0.15	15%	20	1.67	0.89	16	<0.04	<0.04	0%	20	0.11	<0.06	0%	19	<3.3	<3.3	0%	14
11897	Lampasas River at US 190	81	15%	20	0.39	0.44	0%	43	0.82	0.73	6	<0.04	<0.04	0%	11	<0.06	<0.06	0%	5	3.8	<3.3	0%	10
90081	Lampasas River at Gravel Crossing Lane**	105.4	33%	3	0.41	0.32	33%	3	0.93	0.93	1	<0.04	<0.04	0%	3	<0.06	<0.06	0%	2	<3.3	<3.3	0%	3
18755	Onion Creek***	137	13%	8	0.08	0.02	0%	8	2.57	0.89	6	<0.04	<0.04	0%	8	<0.06	<0.06	0%	7	3.5	3.3	0%	7
18754	Trimmier Creek at Chaparral Road	138	11%	19	0.32	0.23	0%	20	1.68	0.9	19	<0.04	<0.04	0%	20	0.11	<0.06	5%	19	<3.3	<3.3	0%	13
11724	Rocky Creek near FM 963	56	0%	6	0.05	0.04	0%	5	0.75	0.57	7	<0.04	<0.04	0%	7	<0.06	<0.06	0%	7	<3.3	<3.3	0%	7

* TDS calculated from specific conductance: specific conductance * 0.65

** Station 90081 discontinued May 2005

*** Station 18755 not evaluated, # of samples ≤ 10

Pink shaded sites indicate area of concern

Stations 11724 date range Feb06 - Aug06

Stations 18753, 18752, 18756, 18757, 18758, 18759, 18761, 11897, 18755 and 18754 date range Jan 05 - Aug06

Sites 11894, 11895, date range 1998 - Aug06