

## Guadalupe River Swimability Study Results for Summer 2017

The table displays *E. coli* levels at various locations on the Guadalupe River. *E. coli* levels are recorded as number of colonies of bacteria per 100 milliliters of water. The Texas Commission on Environmental Quality has set the single sample criteria for *E. coli* at 399 colonies of bacteria per 100 milliliters of water for primary contact recreation (swimmer fully submersed in water). Levels that exceed this standard are displayed in red. If levels exceed this standard, the risk of contracting waterborne illnesses increases (30 TAC §307.7). The EPA document "[2012 Recreational Water Quality Criteria](#)" also offers additional information.

Location	8/1/17	8/8/17 <sup>B</sup>	8/14/17	8/21/17	8/28/17	9/5/17
N. Fork, Rock Bottom Road Crossing	20	866	28	12	50	19
N. Fork Crossing near Camp Waldemar	124	155	13	9	53	28
N. Fork River Rd. Crossing	47	187	91	52	236	261
S. Fork Lynxhaven Crossing	27	3	4	12	6	3
S. Fork Mystic Crossing	22	127	22	7	16	9
S. Fork Seago Road Crossing	34	114	33	17	26	14
S. Fork Camp Flaming Arrow Crossing	64	161	41	9	20	15
Hunt Crossing	41	78	23	12	46	26
Schumacher Crossing	28	206	50	84	46	27
Kelly Creek Rd. Crossing	11	228	13	6	18	6
Ingram Dam	2	488	31	4	5	2
Johnson Creek at Hwy. 39	166	921	127	172	238	193
Bear Creek Crossing	58	152	35	17	34	31
Nimitz Dam	10	461	20	2	50	6
Louise Hays Park Footbridge	48	649	167	42	129	111
Louise Hays Park Hwy. 16 Bridge	105	1046	113	91	365	93
Louise Hays Park Dam	66	770	111	91	365	70
Kerrville Schreiner Park	548 <sup>A</sup>	1120	261	299	147	116
Center Point River Road Crossing	31	866	13	25	10	12
Center Point Dam	31	1300	64	39	84	32
Hermann Sons Road Crossing	41	1203	72	86	81	47

<sup>A</sup> Numerous waterfowl were present at time of sample collection.

<sup>B</sup> All samples collected after heavy rainfall. Conditions at some locations are not suitable for swimming due to poor water quality and high flows from storm water runoff. Samples will be recollected on 8/14/17.

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Location	5/30/17 <sup>A</sup>	6/5/17	6/12/17	6/19/17	6/26/17	7/5/17	7/10/17	7/17/17	7/24/17
N. Fork, Rock Bottom Road Crossing	43	28	26	65	101	24	14	16	22
N. Fork Crossing near Camp Waldemar	34	72	25	36	14	19	6	15	9
N. Fork River Rd. Crossing	161	261	99	111	248	68	58	140	66
S. Fork Lynxhaven Crossing	33	6	6	1	2	19	4	2	2
S. Fork Mystic Crossing	35	10	4	20	13	11	38	17	5
S. Fork Seago Road Crossing	127	105	11	16	5	36	6	6	28
S. Fork Camp Flaming Arrow Crossing	185	118	30	26	15	24	31	62	23
Hunt Crossing	86	131	73	38	172	488 <sup>B</sup>	112	37	18
Schumacher Crossing	74	108	44	27	23	31	20	22	33
Kelly Creek Rd. Crossing	26	25	11	14	4	14	10	3	12
Ingram Dam	110	6	2	6	4	2	<1	<1	9
Johnson Creek at Hwy. 39	179	272	59	75	78	133	225	140	78
Bear Creek Crossing	152	34	35	60	86	43	22	76	23
Nimitz Dam	687	9	6	<1	3	1	3	<1	5
Louise Hays Park Footbridge	687	185	27	22	46	43	43	16	6
Louise Hays Park Hwy. 16 Bridge	1120	128	72	91	64	104	46	74	84
Louise Hays Park Dam	548	135	70	124	140	62	44	57	115
Kerrville Schreiner Park	517	250	214	193	291	156	308	151	216
Center Point River Road Crossing	59	14	33	22	47	30	16	16	25
Center Point Dam	1046	58	108	31	30	25	21	26	26
Hermann Sons Road Crossing		65	23	99	44	42	26	50	57

<sup>A</sup> Some samples collected after or during heavy rainfall. Conditions at some locations are not suitable for swimming due to poor water quality and high flows from storm water runoff. Hermann Sons Road Crossing not sampled due to lightning.

<sup>B</sup> Numerous waterfowl were present at time of sample collection.