

Guadalupe River Swimability Study Results for Summer 2021

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	Samples collected during the week of:						
	7/19/21	7/26/21	8/2/21	8/9/21	8/16/21	8/23/21	8/30/21
North Fork, Rock Bottom Road/Joy Crossing	119	59	172	46	61	199	43
North Fork, Crossing near Camp Waldemar	59	53	17	29	23	18	13
North Fork, River Rd. Crossing	78	43	50	58	56	114	44
South Fork, Lynxhaven Crossing	14	24	27	7	10	3	4
South Fork, Mystic Crossing	28	22	11	11	153	10	8
South Fork, Seago Road Crossing	29	22	46	34	53	17	19
South Fork, Camp Flaming Arrow Crossing	23	29	27	22	26	35	12
South Fork, Hunt Crossing	192	22	50	50	51	74	39
Schumacher Crossing	42	35	35	43	214	39	50
Kelly Creek Rd./Waltonia Crossing	23	9	4	66	21	9	22
Ingram Dam	23	26	1	5	1	3	40
Johnson Creek at Hwy. 39	109	387	59	32	37	53	186
Bear Creek Crossing	69	31	34	23	88	27	77
Nimitz Dam	12	4	13	12	2	12	18
Louise Hays Park Tranquility Island Footbridge	1120 ^A	210	147	96	129	10	114
Louise Hays Park Hwy. 16 Bridge	155	140	345	73	68	98	326
Louise Hays Park Dam	172	119	133	62	59	93	159
Kerrville-Schreiner Park	308	193	156	192	613 ^B	219	276
Center Point River Road/Brinks Crossing	24	38	40	47	38	16	115
Center Point Dam	35	31	36	35	23	41	27
Hermann Sons Road Crossing	71	38	40	42	29	39	58

^A Waterfowl are commonly found in this area. Waterfowl waste contains pathogens that can harm people and animals. Swimming is not recommended in areas where waterfowl are present.

^B Numerous waterfowl were present at time of sample collection.

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Location	Samples collected during the week of:							
	5/25/21	6/1/21	6/7/21	6/14/21	6/21/21	6/28/21	7/5/21	7/12/21
North Fork, Rock Bottom Road/Joy Crossing	121	145	345	248	104	488 ^C	79	41
North Fork, Crossing near Camp Waldemar	16	39	18	13	28	9	248	40
North Fork, River Rd. Crossing	58	210	99	62	67	68	193	57
South Fork, Lynxhaven Crossing	3	7	165	23	4	1	5	3
South Fork, Mystic Crossing	5	4	23	3	18	14	20	16
South Fork, Seago Road Crossing	19	41	51	7	70	13	70	64
South Fork, Camp Flaming Arrow Crossing	35	40	77	25	28	31	96	34
South Fork, Hunt Crossing	28	49	79	16	25	28	88	33
Schumacher Crossing	33	153	43	29	38	13	238	43
Kelly Creek Rd./Waltonia Crossing	19	68	31	8	6	12	219	41
Ingram Dam	19	30	53	29	23	23	365	29
Johnson Creek at Hwy. 39	37	124	59	37	102	77	155	70
Bear Creek Crossing	35	114	40	24	42	20	120	80
Nimitz Dam	29	40	11	2	54	11	43	16
Louise Hays Park Tranquility Island Footbridge	866 ^A	99	313	56	57	57	127	272
Louise Hays Park Hwy. 16 Bridge	225	387	112	88	166	47	193	238
Louise Hays Park Dam	365	205	96	119	185	91	104	128
Kerrville-Schreiner Park	488 ^B	517 ^B	461 ^B	179	980 ^B	313	248	631 ^A
Center Point River Road/Brinks Crossing	42	76	21	31	33	14	50	33
Center Point Dam	77	74	45	57	56	36	76	133
Hermann Sons Road Crossing	161	115	80	27	34	20	96	57

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^B Numerous waterfowl were present at time of sample collection.

^C Historically, there are numerous hog wallows and buzzard roosts upstream of this sampling location. Presence of warm-blooded animal waste increases *E. coli* levels. We are continuing to investigate the source of the elevated *E. coli* levels.