

Guadalupe River Swimability Study Results for Summer 2020

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:							
	7/20/20	7/27/20	8/3/20	8/10/20	8/17/20	8/24/20	8/31/20	9/8/20
North Fork, Rock Bottom Road/Joy Crossing	155	249	115	816 ^D	29	150	123	167
North Fork, Crossing near Camp Waldemar	11	35	23	13	10	6	13	23
North Fork, River Rd. Crossing	37	40	34	47	56	26	46	119
South Fork, Lynxhaven Crossing	<1	4	3	1	5	3	6	5
South Fork, Mystic Crossing	15	51	7	42	7	30	8	5
South Fork, Seago Road Crossing	3	41	31	37	13	17	28	70
South Fork, Camp Flaming Arrow Crossing	20	29	22	64	43	53	41	150
South Fork, Hunt Crossing	21	42	36	28	58	33	32	86
Schumacher Crossing	12	29	32	20	17	24	31	76
Kelly Creek Rd./Waltonia Crossing	2	4	11	1	3	1	2	34
Ingram Dam	4	10	1	12	3	5	13	14
Johnson Creek at Hwy. 39	42	128	93	130	166	58	73	75
Bear Creek Crossing	20	65	28	49	39	26	35	42
Nimitz Dam	6	96	38	6	11	14	4	17
Louise Hays Park Tranquility Island Footbridge	613 ^C	33	140	36	22	116	29	108
Louise Hays Park Hwy. 16 Bridge	82	121	99	83	72	57	59	140
Louise Hays Park Dam	69	68	109	93	70	66	66	156
Kerrville-Schreiner Park	387	67	133	52	43	50	51	387
Center Point River Road/Brinks Crossing	34	17	41	28	42	17	34	67
Center Point Dam	55	345	86	20	37	54	34	96
Hermann Sons Road Crossing	62	62	101	43	31	28	28	71

^C 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.

^D 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.

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Location	Samples collected during the week of:						
	6/4/20	6/8/20	6/15/20	6/22/20	6/29/20	7/6/20	7/13/20
North Fork, Rock Bottom Road/Joy Crossing	326	57	291	138	517 ^B	579 ^B	649 ^B
North Fork, Crossing near Camp Waldemar	20	65	6	7	11	11	11
North Fork, River Rd. Crossing	50	56	85	67	99	35	31
South Fork, Lynxhaven Crossing	3	2	<1	1	1	2	3
South Fork, Mystic Crossing	9	5	10	29	34	14	10
South Fork, Seago Road Crossing	22	4	7	29	12	25	10
South Fork, Camp Flaming Arrow Crossing	26	29	11	30	38	27	11
South Fork, Hunt Crossing	18	43	34	17	26	20	30
Schumacher Crossing	36	19	14	7	18	10	34
Kelly Creek Rd./Waltonia Crossing	16	11	9	4	11	8	<1
Ingram Dam	12	16	6	16	3	2	5
Johnson Creek at Hwy. 39	57	48	84	75	105	114	56
Bear Creek Crossing	33	21	27	37	107	118	22
Nimitz Dam	52	32	15	4	172	3	3
Louise Hays Park Tranquility Island Footbridge	156	461 ^A	197	299	387	124	88
Louise Hays Park Hwy. 16 Bridge	129	99	91	77	138	102	63
Louise Hays Park Dam	131	147	119	55	276	101	365
Kerrville-Schreiner Park	114	291	261	116	261	161	38
Center Point River Road/Brinks Crossing	55	32	14	17	21	15	22
Center Point Dam	68	64	50	41	45	71	26
Hermann Sons Road Crossing	108	61	45	39	38	33	34

^A Numerous waterfowl were present at time of sample collection. Waterfowl waste contains pathogens that can harm people and animals. Swimming is not recommended in areas where waterfowl are present.

^B 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 initiated an investigation on 7/13 and observed many more hog wallows than during previous years. Additional samples from upstream of the crossing were collected on 7/13 and 7/20.