Guadalupe River Swimability Study Results for Summer 2024

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 geometric mean criteria *E. coli* is 126 colonies of bacteria per 100 milliliters of water for primary contact recreation. Levels that exceed this standard are displayed in orange. The EPA document "2012 Recreational Water Quality Criteria" also offers additional information.

	Samples collected during the week of:								
Location	7/15/24	7/22/24	7/29/24	8/5/24	8/12/24	8/19/24	8/26/24	Geomean	
North Fork, Rock Bottom Road/Joy Crossing	33	42	57	89	66	74	93	58	
North Fork, Crossing near Camp Waldemar	91	17	35	1553 ^B	20	19	14	26	
North Fork, River Rd. Crossing	40	35	60	649 ^B	37	41	21	69	
South Fork, Lynxhaven Crossing	2	1	39	225	16	4	6	5	
South Fork, Mystic Crossing	126	93	12	30	17	45	11	15	
South Fork, Seago Road Crossing	12	14	17	17	16	79	23	18	
South Fork, Camp Flaming Arrow Crossing	20	116	47	35	43	15	13	32	
South Fork, Hunt Crossing	25	22	37	23	5	40	35	36	
Schumacher Crossing	41	77	48	142	23	26	24	33	
Kelly Creek Rd./Waltonia Crossing	26	46	45	53	38	7	9	19	
Ingram Dam	2	1	50	16	6	4	6	15	
Johnson Creek at Hwy. 39	99	308	231	66	68	108	66	93	
Bear Creek Crossing	39	118	96	119	135	78	70	68	
Nimitz Dam	7	22	99	38	19	12	22	18	
Louise Hays Park Tranquility Island Footbridge	108	488 ^B	161	260	61	27	40	198	
Louise Hays Park Hwy. 16 Bridge	88	1120 ^B	291	102	57	86	61	104	
Louise Hays Park Dam	120	1986 ^B	172	435 ^A	72	108	172	144	
Kerrville-Schreiner Park	17	579 ^B	345	88	187	56	74	169	
Center Point River Road/Brinks Crossing	82	308	72	45	36	73	26	80	
Center Point Dam	158	152	201	69	185	47	121	88	
Hermann Sons Road Crossing	51	41	68	121	67	55	166	61	

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 Bacteria levels can be higher after a rainfall event. Surface runoff from the rainfall carries pollutants from upland areas to the waterbodies. It's recommended to wait five days after a rainfall event before swimming.

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	Samples collected during the week of:									
Location	5/22/24	5/27/24	6/3/24	6/10/24	6/17/24	6/24/24	7/1/24	7/8/24		
North Fork, Rock Bottom Road/Joy Crossing	30	39	70	48	127	63	56	53		
North Fork, Crossing near Camp Waldemar	7	10	16	16	32	17	12	24		
North Fork, River Rd. Crossing	248	88	96	52	52	71	66	75		
South Fork, Lynxhaven Crossing	2	4	3	4	1	4	3	1		
South Fork, Mystic Crossing	12	7	12	10	6	3	10	11		
South Fork, Seago Road Crossing	13	17	17	35	18	21	4	21		
South Fork, Camp Flaming Arrow Crossing	50	42	27	88	64	13	12	23		
South Fork, Hunt Crossing	66	308	70	43	66	22	44	21		
Schumacher Crossing	17	34	16	38	17	72	11	34		
Kelly Creek Rd./Waltonia Crossing	4	13	15	14	13	12	47	23		
Ingram Dam	18	5	12	88	109	79	160	17		
Johnson Creek at Hwy. 39	59	66	96	225	11	86	140	127		
Bear Creek Crossing	50	75	129	134	12	55	41	47		
Nimitz Dam	12	18	32	40	17	6	4	24		
Louise Hays Park Tranquility Island Footbridge	219	214	308	1203 ^A	308	488 ^A	261	285		
Louise Hays Park Hwy. 16 Bridge	32	44	260	108	26	78	54	461 ^B		
Louise Hays Park Dam	40	42	308	153	29	73	126	461 ^B		
Kerrville-Schreiner Park	152	435 ^A	161	387	248	236	172	276		
Center Point River Road/Brinks Crossing	50	17	155	50	156	193	147	210		
Center Point Dam	99	74	84	65	33	93	161	23		
Hermann Sons Road Crossing	40	53	86	68	27	34	24	214		

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