Guadalupe River Swimability Study Results for Summer 2022

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	7/19/22	7/25/22	8/1/22	8/8/22	8/15/22	8/22/22	9/5/22	GeoMean		
North Fork, Rock Bottom Road/Joy Crossing	58	16	67	57	33	53	26	52		
North Fork, Crossing near Camp Waldemar	5	9	52	5	6	B	28	12		
North Fork, River Rd. Crossing	39	201	75	172	42	67	59	78		
South Fork, Lynxhaven Crossing	8	2	4	1	12	10	48	8		
South Fork, Mystic Crossing	24	86	30	30	12	26	42	23		
South Fork, Seago Road Crossing	39	16	10	47	11	26	184	26		
South Fork, Camp Flaming Arrow Crossing	38	19	23	19	14	26	49	35		
South Fork, Hunt Crossing	30	20	64	93	80	B	114	45		
Schumacher Crossing	5	17	131	14	15	23	50	18		
Kelly Creek Rd./Waltonia Crossing	10	< 1	3	4	1	4	16	3		
Ingram Dam	7	4	2	2	6	5	6	5		
Johnson Creek at Hwy. 39	107	34	43	46	88	_ B	65	82		
Bear Creek Crossing	27	18	144	159	117	99	121	65		
Nimitz Dam	4	6	1	19	39	11	9	7		
Louise Hays Park Tranquility Island Footbridge	82	119	118	199	167	125	156	165		
Louise Hays Park Hwy. 16 Bridge	31	308	11	85	21	39	96	42		
Louise Hays Park Dam	31	36	10	51	7	43	58	28		
Kerrville-Schreiner Park	78	133	96	91	326	B	387	195		
Center Point River Road/Brinks Crossing	21	5	78	1203	166	108	57	42		
Center Point Dam	93	22	39	40	140	B	82	58		
Hermann Sons Road Crossing	110	13	3	< 1	142	B	461	19		

^B Did not sample due to large rain events.

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	Samples collected during the week of:								
Location	5/23/22	5/30/22	6/6/22	6/13/22	6/20/22	6/27/22	7/4/22	7/11/22	
North Fork, Rock Bottom Road/Joy Crossing	40	41	80	73	93	72	99	57	
North Fork, Crossing near Camp Waldemar	45	7	9	12	12	12	6	16	
North Fork, River Rd. Crossing	43	34	179	345	67	56	51	86	
South Fork, Lynxhaven Crossing	9	4	6	11	6	11	40	9	
South Fork, Mystic Crossing	9	42	13	12	17	14	21	36	
South Fork, Seago Road Crossing	9	23	31	34	16	18	40	47	
South Fork, Camp Flaming Arrow Crossing	78	41	62	29	41	71	25	54	
South Fork, Hunt Crossing	51	74	26	25	39	33	25	56	
Schumacher Crossing	33	11	13	20	20	9	11	10	
Kelly Creek Rd./Waltonia Crossing	9	7	4	< 1	2	1	4	2	
Ingram Dam	4	12	2	7	7	10	< 1	21	
Johnson Creek at Hwy. 39	51	67	52	44	219	411	55	387	
Bear Creek Crossing	248	61	31	38	25	25	60	147	
Nimitz Dam	< 1	4	1	10	7	104	10	9	
Louise Hays Park Tranquility Island Footbridge	276	72	101	135	313	649 ^A	328	133	
Louise Hays Park Hwy. 16 Bridge	34	46	41	59	11	46	78	23	
Louise Hays Park Dam	26	55	24	48	16	19	41	23	
Kerrville-Schreiner Park	248	114	461 ^A	866 ^A	142	86	261	272	
Center Point River Road/Brinks Crossing	44	16	11	18	39	13	75	40	
Center Point Dam	42	29	88	228	41	121	71	14	
Hermann Sons Road Crossing	28	31	71	12	13	2	9	16	

^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.