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**						**Geomean**
North Fork, Rock Bottom Road/Joy Crossing	33	42						51
North Fork, Crossing near Camp Waldemar	91	17						18
North Fork, River Rd. Crossing	40	35						70
South Fork, Lynxhaven Crossing	2	1						2
South Fork, Mystic Crossing	126	93						14
South Fork, Seago Road Crossing	12	14						15
South Fork, Camp Flaming Arrow Crossing	20	116						35
South Fork, Hunt Crossing	25	22						46
Schumacher Crossing	41	77						30
Kelly Creek Rd./Waltonia Crossing	26	46						17
Ingram Dam	2	1						18
Johnson Creek at Hwy. 39	99	308						92
Bear Creek Crossing	39	118						57
Nimitz Dam	7	22						15
Louise Hays Park Tranquility Island Footbridge	108	488 [B]						317
Louise Hays Park Hwy. 16 Bridge	88	1120 [B]						107
Louise Hays Park Dam	120	1986 [B]						137
Kerrville-Schreiner Park	17	579 [B]						202
Center Point River Road/Brinks Crossing	82	308						104
Center Point Dam	158	152						80
Hermann Sons Road Crossing	51	41						51

[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.

A large rainfall event occurred the day following sampling resulting in a flood event. Due to very high bacteria levels and the protentional of other harmful hazards and pollutants, recreation in the river is not recommended for at least a week.

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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

[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.