

LOWNDES COUNTY IMPAIRED WATERS SAMPLING SUMMARY-2022

REACH NAME	ID	SAMPLE STATION	STATION ID	3/1-2/2022			3/8-9/2022	3/15-16/2022	3/22-23/2022	MARCH 2022	6/2-3/2022			6/7-8/2022	6/14-15/2022	6/21-22/2022	JUNE 2022
				FC	LLM (TWR)	Pb	FC	FC	FC	FC Geo Mean	FC	LLM (TWR)	Pb	FC	FC	FC	FC Geo Mean
				mpn/100ml	µg/l	µg/l	mpn/100ml	mpn/100ml	mpn/100ml	mpn/100ml	mpn/100ml	µg/l	µg/l	mpn/100ml	mpn/100ml	mpn/100ml	mpn/100ml
Alapaha River	GAR031102021203	Old State Rd Boat Ramp	AR1		0.00500						0.01290						
Cat Creek	GAR031101030305	US Hwy 82 Bridge (high water backup)	AR1a														
Cat Creek	GAR031101030304	GA Hwy 122E at Cat Creek Bridge	CR1														
		Beatty Mill Creek Rd Streambank	CR2														
		Cat Creek Rd Bridge	CR3														
Franks Creek	GAR031102040503	GA Hwy 122 Bridge	FC0	135			331	108	109	151	121		156	1043	908	366	
		Old Valdosta Rd Bridge	FC1	393			201	195	336	268	281		72	72	318	147	
		Shiloh Rd Bridge	FC2	345			120	189	197	198	748		554	24196	1246	1880	
Jumping Gully Creek	GAR031102030903	Jumping Gully Rd Bridge	JG2	288			218	332	185	249	422		253	383	204	302	
Mud Creek	GAR031102021102	Johnson Rd SE Bridge	MC1	52			85	6,490	393	326	24200		414	1,391	459	1590	
		Hickory Grove Rd @ Glenn Rd Bridge	MC2	256			148	538	195	251	313		457	535	320	396	
Withlacoochee River	GAR031102030403	Hwy 122 E Bridge	WR1	145	0.00500		134	122	253	156	86	0.01810	169	158	85	118	
Withlacoochee River	GAR031102030401	Staten Rd Bridge	WR2	52	0.00500		85	109	241	104	131	0.01410	130	265	41	117	
		N Valdosta Rd Bridge	WR3	86	0.00500		134	97	279	133	120	0.01180	30	1470	145	166	
Withlacoochee River	GAR031102030806	Hwy 133 Bridge Over Little River	WR4	169	0.00500	1.00000	109	132	428	180	291	0.02490	459	19863	187	839	
		Hwy 84W Bridge	WR5	20	0.00500	1.00000	85	63	160	64	30	0.01530	41	73	156	61	
Withlacoochee River	GAR031102030902	Knights Ferry Rd Boat Ramp	WR6		0.00500							0.03690					
		Madison Hwy Bridge	WR7		0.00500							0.01660					
Tributary to Withlacoochee River #2	GAR031102030804	Ousley Rd Culvert	WRT1	187			116	591	467	278	481		1067	1071	359	666	
		Clyatville-Nankin Rd Culvert	WRT2	487			86	399	404	287	DRY		1124	934	DRY	1025	

REACH NAME	ID	SAMPLE STATION	STATION ID	9/7-8/2022			9/14-15/2022	9/21-22/2022	9/26-28/2022	SEPTEMBER 2022	12/6-7/2022			12/13-14/2022	12/20-21/2022	12/27-28/2022	DECEMBER 2022
				FC	LLM (TWR)	Pb	FC	FC	FC	FC Geo Mean	E. coli	LLM (TWR)	Pb	E. coli	E. coli	E. coli	E. coli Geo Mean
				mpn/100ml	µg/l	µg/l	mpn/100ml	mpn/100ml	mpn/100ml	mpn/100ml	mpn/100ml	µg/l	µg/l	mpn/100ml	mpn/100ml	mpn/100ml	mpn/100ml
Alapaha River	GAR031102021203	Old State Rd Boat Ramp	AR1		0.00500						0.00020						
		River Bend Rd Riverbank	AR2														
Cat Creek	GAR031101030305	GA Hwy 122E at Cat Creek Bridge	CR1														
Cat Creek	GAR031101030304	Beatty Mill Creek Rd Streambank	CR2														
		Cat Creek Rd Bridge	CR3														
Franks Creek	GAR031102040503	GA Hwy 122 Bridge	FC0	16.6			981	10462	780	604	295		34.5	158	305	149	
		Old Valdosta Rd Bridge	FC1	5908			7701	1470	839	2737	52		2	52	1112	50	
		Shiloh Rd Bridge	FC2	93.4			1892	1497	250	507	813		4.1	231	235	116	
Jumping Gully Creek	GAR031102030903	Jumping Gully Rd Bridge	JG2	315			520	842	422	491	228		355	350	798	388	
Mud Creek	GAR031102021102	Johnson Rd SE Bridge	MC1	1725			450	1,401	496	857	98		86	189	185	131	
		Hickory Grove Rd @ Glenn Rd Bridge	MC2	644			1607	359	670	706	246		313	722	373	379	
Withlacoochee River	GAR031102030403	Hwy 122 E Bridge	WR1	131.7	0.00900		554	588	109	262	233	0.00020	12.1	110	327	100	
Withlacoochee River	GAR031102030401	Staten Rd Bridge	WR2	49.5	0.00850		888	588	173	259	121	0.00020	8.6	243	272	91	
		N Valdosta Rd Bridge	WR3	54.5	0.00780		1043	663	177	286	63	0.00020	6.3	31	10	19	
Withlacoochee River	GAR031102030806	Hwy 133 Bridge Over Little River	WR4	88.4	0.00910	1.10000	1234	705	909	514	398	0.00020	3.1	414	305	112	
		Hwy 84W Bridge	WR5	144	0.00780	1.10000	591	141	84	178	41	0.00020	39.9	97	20	42	
Withlacoochee River	GAR031102030902	Knights Ferry Rd Boat Ramp	WR6		0.00500							0.00020					
		Madison Hwy Bridge	WR7		0.00580							0.00020					
Tributary to Withlacoochee River #2	GAR031102030804	Ousley Rd Culvert	WRT1	126.7			450	911	1076	486	275		211	441	556	345	
		Clyatville-Nankin Rd Culvert	WRT2	422			1607	1439	226	685	Dry		Dry	Dry	Dry	DRY	

Notes:
 1- Lowndes County began initial stream sampling in April 2020. Subsequent sampling will be conducted annually in March, June, September, and December.
 2- In August 2020 Lowndes County updated the M&I Plan to include addition of FC0 in June, removal of TFC1 and TFC2 from the sampling plan since the impaired stream segment is in the City of Hahira. LC also removed JG1 since it is not on Jumping Gully Creek.

Not detected
 Acute exceeded
 Chronic exceeded
 FC exceeded

DISSOLVED OXYGEN MONITORING (mg/l)

REACH NAME	ID	SAMPLE STATION	STATION ID	JUNE				JULY				AUGUST			
				6/6/2022	6/14/2022	6/22/2022	6/29/2022	7/5/2022	7/12/2022	7/20/2022	7/27/2022	8/3/2022	8/10/2022	8/18/2022	8/25/2022
Cat Creek	R031101030305	GA Hwy 122E at Cat Creek Bridge	CC1	0.43	0.70	0.89	1.44	3.23	4.42	4.39	3.61	3.21	5.94	3.74	3.58
Cat Creek	R031101030304	Beatty Mill Creek Rd Streambank	CC2	2.82	2.19	1.73	4.13	4.81	4.72	4.95	4.29	4.70	5.24	4.90	4.92
		Cat Creek Rd Bridge	CC3	2.03	3.52	2.45	4.47	5.58	5.72	5.29	5.34	5.35	3.94	5.85	5.71

Water Quality Criteria For Fishing Use (As approved by US EPA Region 4 on 01/20/2021)

DO	5.0 mg/L daily average	
	Not < 4.0 mg/L	
FC	May-Oct	30-day geometric mean 200 counts/100 mL of fecal coliform
	Nov-Apr	30-day geometric mean 1000 counts/100 mL of fecal coliform
E. coli	May-Oct	30-day geometric mean 126 counts/100 mL of E. coli
	Nov-Apr	30-day geometric mean 265 counts/100 mL of E. coli
Lead	30 µg/L	acute
	1.2 µg/L	chronic
Mercury	1.4 µg/L	acute
	0.012 µg/L	chronic