

LOWNDES COUNTY IMPAIRED WATERS SAMPLING SUMMARY-2021

REACH NAME	ID	SAMPLE STATION	STATION ID	3/4-5/2021			3/10-11/2021	3/17-18/2021	3/23-24/2021	MAR 2021	6/2-3/2021			6/9-10/2021	6/15-16/2021	6/22-23/2021	JUN 2021
				FC mpn/100ml	LLM (TWR) µg/l	Pb µg/l	FC mpn/100ml	FC mpn/100ml	FC mpn/100ml	FC Geo Mean mpn/100ml	FC mpn/100ml	LLM (TWR) µg/l	Pb µg/l	FC mpn/100ml	FC mpn/100ml	FC mpn/100ml	FC Geo Mean mpn/100ml
Alapaha River	GAR031102021203	Old State Rd Boat Ramp	AR1		0.01000												
		US Hwy 82 Bridge (high water backup)	AR1a		0.00930												
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	703			63	160	181	189	144			206	328	6490	501
		Old Valdosta Rd Bridge	FC1	984			109	214	146	241	144			116	266	24200	573
		Shiloh Rd Bridge	FC2	3080			364	238	383	565	181			318	233	24200	755
Jumping Gully Creek	GAR031102030903	Jumping Gully Rd Bridge	JG2	144			63	52	97	82	97			97	246	712	201
Mud Creek	GAR031102021102	Johnson Rd SE Bridge	MC1	393			288	96	281	235	712			1,040	1,040	24,200	2078
		Hickory Grove Rd @ Glenn Rd Bridge	MC2	309			122	52	211	143	41			132	368	3260	284
Withlacoochee River	GAR031102030403	Hwy 122 E Bridge	WR1	2400	0.01040		119	52	98	195	41	0.00500		158	144	8660	300
Withlacoochee River	GAR031102030401	Staten Rd Bridge	WR2	1660	0.01070		121	52	122	189	85	0.00500		120	144	8160	331
		N Valdosta Rd Bridge	WR3	1350	0.01050		63	52	142	158	52	0.00500		85	84	13000	264
Withlacoochee River	GAR031102030806	Hwy 133 Bridge Over Little River	WR4	581	0.01110	1.00000	107	84	148	167	160	0.00500	1.00000	422	1780	7700	981
		Hwy 84W Bridge	WR5	504	0.00850	1.00000	61	63	383	165	41	0.00500	1.00000	41	72	1070	107
Withlacoochee River	GAR031102030902	Knights Ferry Rd Boat Ramp	WR6		0.00860							0.00500					
		Madison Hwy Bridge	WR7		0.00850							0.00500					
Tributary to Withlacoochee River #2	GAR031102030804	Ousley Rd Culvert	WRT1	156			86	323	272	185	794			181	153	4110	548
		Clyattville-Nankin Rd Culvert	WRT2	529			1100	199	134	353	DRY			DRY	DRY	DRY	DRY

REACH NAME	ID	SAMPLE STATION	STATION ID	9/8-9/2021			9/14-15/2021	9/22-23/2021	9/29-30/2021	SEP 2021	12/1-2/2021			12/7-8/2021	12/14-16/2021	12/21-22/2021	DEC 2021
				FC mpn/100ml	LLM (TWR) µg/l	Pb µg/l	FC mpn/100ml	FC mpn/100ml	FC mpn/100ml	FC Geo Mean mpn/100ml	FC mpn/100ml	LLM (TWR) µg/l	Pb µg/l	FC mpn/100ml	FC mpn/100ml	FC mpn/100ml	FC Geo Mean mpn/100ml
Alapaha River	GAR031102021203	Old State Rd Boat Ramp	AR1		0.01550												
		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	1170			449	345	298	482	211			529	199	816	367
		Old Valdosta Rd Bridge	FC1	1350		WET WEATHER	327	573	331	538	355			359	259	780	401
		Shiloh Rd Bridge	FC2	417			723	454	520	517	108			613	259	771	339
Jumping Gully Creek	GAR031102030903	Jumping Gully Rd Bridge	JG2	373			842	908	285	534	591			583	457	464	520
Mud Creek	GAR031102021102	Johnson Rd SE Bridge	MC1	24200			602	8,160	581	2883	110			235	520	862	328
		Hickory Grove Rd @ Glenn Rd Bridge	MC2	24200			488	1850	552	1864	246			327	238	573	324
Withlacoochee River	GAR031102030403	Hwy 122 E Bridge	WR1	285	0.00500		272	383	173	268	107	0.00500		109	75	650	154
Withlacoochee River	GAR031102030401	Staten Rd Bridge	WR2	1110	0.02860		504	1180	120	531	183	0.00500		201	146	984	270
		N Valdosta Rd Bridge	WR3	253	0.00500		275	816	156	307	571	0.00500		504	301	717	499
Withlacoochee River	GAR031102030806	Hwy 133 Bridge Over Little River	WR4	333	0.01540	1.00000	528	820	199	412	882	0.00570	1.00000	226	183	1520	485
		Hwy 84W Bridge	WR5	1610	0.00840	1.00000	425	759	209	574	63	0.00500	1.00000	41	20	226	58
Withlacoochee River	GAR031102030902	Knights Ferry Rd Boat Ramp	WR6		0.01000							0.00500					
		Madison Hwy Bridge	WR7		0.00960							0.00500					
Tributary to Withlacoochee River #2	GAR031102030804	Ousley Rd Culvert	WRT1	189			496	480	323	347	359			573	262	959	477
		Clyattville-Nankin Rd Culvert	WRT2	459			441	259	323	361	132			1350	1610	1110	751

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			
				6/3/2021	6/10/2021	6/16/2021	6/23/2021	7/6/2021	7/14/2021	7/23/2021	7/30/2021	8/4/2021	8/12/2021	8/17/2021	8/25/2021
Cat Creek	R031101030305	GA Hwy 122E at Cat Creek Bridge	CC1	TOO SHALLOW	1.10	1.34	4.82	4.26	3.83	3.61	3.56	4.67	3.18	3.48	3.58
Cat Creek	R031101030304	Beatty Mill Creek Rd Streambank	CC2	3.16	3.60	3.67	5.53	5.00	4.60	4.70	4.50	4.03	4.16	4.58	4.77
		Cat Creek Rd Bridge	CC3	1.19	2.99	1.18	6.18	5.31	5.36	5.56	5.29	5.26	5.13	5.48	5.37

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 count/100 mL of fecal coliform
	Nov-Apr	30-day geometric mean 1000 counts/100 mL of fecal coliform
Lead	30 µg/L	acute
	1.2 µg/L	chronic
Mercury	1.4 µg/L	acute
	0.012 µg/L	chronic