

LOWNDES COUNTY IMPAIRED WATERS SAMPLING SUMMARY-2020

REACH NAME	ID	SAMPLE STATION	STATION ID	4/7-8/2020			4/14/2020	4/21-22/2020	4/29-30/2020	APR 2020	6/2-3/2020			6/10/2020	6/17/2020	6/24-25/2020	JUN 2020
				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		0.00500						0.00820						
		River Bend Rd Riverbank	AR2		0.00500						0.01460						
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										959	404	359	577	
		Old Valdosta Rd Bridge	FC1	908			798	233	173	413			4360	650	959	1069	
		Shiloh Rd Bridge	FC2	51			2250	437	315	355			3780	457	475	888	
Jumping Gully Creek	GAR031102030903	Jumping Gully Rd Bridge	JG2	197			345	85	350	212			256	171	108	185	
Mud Creek	GAR031102021102	Johnson Rd SE Bridge	MC1	246			11,200	272	417	748			9,210	664	638	941	
		Hickory Grove Rd @ Glenn Rd Bridge	MC2	145			6870	158	909	615			624	548	620	446	
Withlacoochee River	GAR031102030403	Hwy 122 E Bridge	WR1	168	0.00500		5790	168	63	319	0.00780		6870	2280	97	813	
Withlacoochee River	GAR031102030401	Staten Rd Bridge	WR2	197	0.00500		1840	465	84	345	0.00880		1070	1960	134	476	
		N Valdosta Rd Bridge	WR3	63	0.00500		708	262	74	171	0.00500		911	521	121	367	
Withlacoochee River	GAR031102030806	Hwy 133 Bridge Over Little River	WR4	120	0.00500	1.00000	520	359	211	262	0.01140	1.00000	984	384	3450	720	
		Hwy 84W Bridge	WR5	20	0.00500	1.00000	624	231	145	143	0.00500	1.00000	3280	464	320	617	
Withlacoochee River	GAR031102030902	Knights Ferry Rd Boat Ramp	WR6		0.00500						0.02190						
		Madison Hwy Bridge	WR7		0.00500						0.00580						
Tributary to Withlacoochee River #2	GAR031102030804	Ousley Rd Culvert	WRT1	187			754	226	250	299			832	404	1400	647	
		Clyatville-Nankin Rd Culvert	WRT2	86			3260	573	2910	827			987	2490	428	1017	

REACH NAME	ID	SAMPLE STATION	STATION ID	9/1-2/2020			9/8-9/2020	9/14-15/2020	9/22-23/2020	SEP 2020	12/1-2/2020			12/8-9/2020	12/15-17/2020	12/22-23/2020	DEC 2020
				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		0.00790						0.00500						
		River Bend Rd Riverbank	AR2		0.00630						0.01230						
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	554			638	1370	211	565			216	197	1200	416	
		Old Valdosta Rd Bridge	FC1	1320			842	1950	368	945			556	465	530	652	
		Shiloh Rd Bridge	FC2	1450			520	845	457	735			292	122	703	373	
Jumping Gully Creek	GAR031102030903	Jumping Gully Rd Bridge	JG2	384			591	1200	364	561			135	697	148	283	
Mud Creek	GAR031102021102	Johnson Rd SE Bridge	MC1	538			1,070	826	657	748			512	9,210	256	1083	
		Hickory Grove Rd @ Glenn Rd Bridge	MC2	355			959	538	488	547			253	233	448	448	
Withlacoochee River	GAR031102030403	Hwy 122 E Bridge	WR1	199	0.01020		120	158	959	245	0.00500		171	63	397	191	
Withlacoochee River	GAR031102030401	Staten Rd Bridge	WR2	247	0.00880		173	292	1300	357	0.00500		156	197	259	253	
		N Valdosta Rd Bridge	WR3	179	0.00980		291	1680	983	542	0.00500		109	85	327	215	
Withlacoochee River	GAR031102030806	Hwy 133 Bridge Over Little River	WR4	520	0.00650	1.00000	146	185	285	252	0.00500	1.00000	31	41	191	83	
		Hwy 84W Bridge	WR5	285	0.00860	1.00000	134	120	379	204	0.00500	1.00000	134	20	121	98	
Withlacoochee River	GAR031102030902	Knights Ferry Rd Boat Ramp	WR6		0.00630						0.01810						
		Madison Hwy Bridge	WR7		0.07500						0.00500						
Tributary to Withlacoochee River #2	GAR031102030804	Ousley Rd Culvert	WRT1	259			743	318	393	394			631	1660	109	621	
		Clyatville-Nankin Rd Culvert	WRT2	384			DRY	DRY	DRY	384			DRY	1860	288	732	

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				
				6/3/2020	6/11/2020	6/18/2020	6/25/2020	7/2/2020	7/9/2020	7/17/2020	7/23/2020	7/30/2020	8/6/2020	8/13/2020	8/20/2020	8/27/2020
Cat Creek	R031101030305	GA Hwy 122E at Cat Creek Bridge	CC1	3.70	3.13	2.97	2.01	3.11	3.79	2.69	1.72	3.07	2.57	3.43	3.05	3.53
Cat Creek	R031101030304	Beatty Mill Creek Rd Streambank	CC2	1.83	4.26	4.57	3.74	4.74	3.93	4.00	3.47	4.75	3.97	4.78	4.43	4.25
		Cat Creek Rd Bridge	CC3	4.97	5.45	5.73	4.80	5.55	4.98	5.07	4.67	5.21	4.83	5.56	4.84	5.09

Water Quality Criteria (3/2019) For Fishing Use

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