



VIA EMAIL

**Environmental Services Proposal: Impaired Waters Stream Sampling/Monitoring/Reporting**

March 19, 2020

Mr. Mike Fletcher, PE  
Lowndes County Engineer

LEA is pleased to present this environmental services proposal for sampling, monitoring, and reporting of impaired streams in Lowndes County as listed on GA EPD's 2018 Integrated 305(b)/303(d) List for the months of April and June 2020. Our services will include the following:

**Sampling**

LEA will collect quarterly stream samples at the following locations for analysis of the indicated parameters:

REACH NAME	ID #	SAMPLE SITE LOCATION(S)		PARAMETERS <sup>1</sup>			
		UPSTREAM	DOWNSTREAM	DO	FC	LLM	Pb
Alapaha River	R031102021203	Old River Rd	River Bend Rd (Echols Co.)			1	
Cat Creek	R031101030304	Beatty Mill Creek Rd	Cat Creek Rd	1			
Cat Creek	R031101030305	GA Hwy 122E	Beatty Mill Creek Rd	1			
Franks Creek	R031102040503	Smith Lane	Shiloh Rd		1		
Tributary to Franks Creek	R031102040504	Hahira WWTP Discharge	Union Rd		1		
Jumping Gully Creek	R031102030903	PCA Easement	Jumping Gully Rd		1		
Mud Creek	R031102021102	Johnson Rd SE	Hickory Grove Rd @ Glenn Rd		1		
Tributary #2 to Withlacoochee River	R031102030804	Ousley Rd	Clyattville-Nankin Rd		1		
Withlacoochee River	R031102030401	Staten Rd	N Valdosta Rd		1	1	
Withlacoochee River	R031102030403	Hwy 122 E	Staten Rd		1	1	
Withlacoochee River	R031102030806	Wetherington Lane	Hwy 84W		1	1	1
Withlacoochee River	R031102030902	Knights Ferry Rd	Madison Hwy			1	

1: DO- Dissolved Oxygen, FC-Fecal Coliform, LLM- Low Level Mercury, Pb- Lead

In accordance with GA EPD requirements, fecal coliform samples will be collected weekly during the monitoring months and reported as a geometric mean. The other parameters will be collected during the second week of the monitoring month. A total of 76 samples will be collected and analyzed. Fecal coliform has a holding time of 6 hours. In order to ensure compliance with this requirement, samples will be collected over a 3-day period. At the end of each day, the samples will be transported to Flowers Chemical Laboratory in Madison, FL.