

**AMENDMENT TO COOPERATIVE ENDEAVOR AGREEMENT
(Water Quality Surveys)**

This Amendment to Cooperative Endeavor Agreement (the "Amended Agreement") is made and entered into on the dates set forth herein below, by and between the following parties:

ST. TAMMANY PARISH GOVERNMENT, a political subdivision of the State of Louisiana, whose mailing address is P.O. Box 628, Covington, Louisiana 70434, herein appearing by and through Patricia P. Brister, Parish President, duly authorized (hereinafter referred to as "Parish"); and

SOUTHEASTERN LOUISIANA UNIVERSITY, a public institution of the University of Louisiana System whose mailing address is Office of Sponsored Research and Programs, SLU 10508, Hammond, Louisiana 70402, (hereinafter referred to as "Southeastern").

WHEREAS, effective as of October 4, 2018, Parish and Southeastern entered into that Cooperative Endeavor Agreement, as same was amended by the Amendment to Cooperative Endeavor Agreement dated effective December 19, 2018 (collectively, the "Original CEA") wherein Southeastern agreed to provide water quality sampling services at Parish's expense, plus other obligations as more fully described in the Original CEA; and

WHEREAS, the parties have identified a need to amend the Original CEA to extend the Term.

AND NOW THEREFORE the parties desire to enter into this Amended Agreement to state each party's obligations more fully herein and to amend, restate and/or add the following provisions. This Amended Agreement is not intended to release any party from the obligations stated in the Original CEA but is intended only to amend, restate and/or add certain provisions to the Original CEA.

1. The foregoing recitals are hereby incorporated into the body of this Amended Agreement as if fully rewritten and restated herein.
2. Section 4.1 of the Original CEA is amended and restated so that the Term of the Original CEA is extended, with said Term now ending on December 31, 2019.
3. Attachment "4" of the Original CEA is amended and restated to be the Attachment "4" attached hereto.
4. This Amended Agreement supersedes the Original CEA only where there exists any conflict. This Amended Agreement controls any conflicts of any terms or conditions. Except as amended hereby, the Original CEA remains unmodified and in full force and effect.
5. All capitalized terms used herein but not defined shall have the meaning assigned to them in the Original CEA.

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed in multiple originals by the hereunder signed officers, each in the presence of the undersigned two (2) competent witnesses in St. Tammany Parish, State of Louisiana, as of the dates set forth, below after diligent reading of the whole, in various counterparts.

THUS DONE AND SIGNED effective as of May 16th, 2019 in the presence of the undersigned witnesses.

WITNESSES:

Anne Pal

Raldyn

ST. TAMMANY PARISH GOVERNMENT

BY: Patricia P. Brister
Patricia P. Brister
Parish President

THUS DONE AND SIGNED effective as of 7 May, 2019 in the presence of the undersigned witnesses.

WITNESSES:

Margaret Adelman

Cynthia K. Collins

SOUTHEASTERN LOUISIANA UNIVERSITY

BY: Cheryl E. Hall
Cheryl E. Hall, JD
Director, Office of Sponsored Research and Programs

**ATTACHMENT "4"
BUDGET**

Price Quote for "St. Tammany Retention Pond Sampling Summer 2018-2019"			
Service / Month	July	Aug	Sep
Time / Labor			
Southeastern Research Associate: Travel, sample collection, field measurements (pH, Temp, Specific Conductance, Dissolved Oxygen, Turbidity / 40 ponds). 1 wk/month	\$891.00 / wk	\$891.00 / wk	\$891.00 / wk
Southeastern Research Associate: Reporting and Stastical Analysis 1 day/month	\$178 / day	\$178 / day	\$178 / day
<i>Southeastern Subtotal</i>	\$1,069	\$1,069	\$1,069
Fringe Costs (Southeastern - 38% of subtotal)	\$406.22	\$406.22	\$406.22
Travel			
Vehicle Rental for Field Work / Per LA STATE agreth /wk	\$173.25 / wk	\$173.25 / wk	\$173.25 / wk
Fuel Cost estimate (600 miles wk / 27mpg * \$3.00 gallon)	\$66 /wk	\$66 /wk	\$66 /wk
<i>Travel Subtotal</i>	\$239.25	\$239.25	\$239.25
Laboratory Analysis and Equipment			
Ammonia as N, BOD5, Nitrate+Nitrite, TSS, Total P, Total C, Total Organic C, Fecal coliforms & <i>E.coli</i> = \$133 / sample * 40 samples / month	\$5,320.00	\$5,320.00	\$5,320.00
<i>Grand Subtotal</i>	\$7,034.47	\$7,034.47	\$7,034.47
Southeastern 8% Administrative fee	\$562.76	\$562.76	\$562.76
Total	\$7,597.23	\$7,597.23	\$7,597.23
Grand Total			\$22,791.68