FINAL
ANALYTICAL REPORT

ETL PROJECT ID: 21-0819 **3/12/2021 - Revision 0**

RICKY CORNELIUS
SOUTHLAND COMPLIANCE SERVICES
P.O. BOX 1063
NASHVILLE, GA 31639-
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CLIENT PROJECT NAME: ALAPAHA TREATMENT POND
CLIENT PROJECT ID:
FACILITY ID:

Enclosed are the analytical results for sample(s) received by Environmental Testing Laboratories on March 03, 2021. Results reported herein are reported on an as received basis and conform to current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Sample analyses performed by Environmental Testing Laboratories, Inc. (ETL) unless otherwise noted. ETL is accredited through NELAC and the Florida Department of Health, Certification #E87684. Scope of analyses: RCRA/CERCLA Metals, General Chemistry, Extractable Organics, and Volatile Organics. Effective Dates: February 14, 2002 through June 30, 2021.

Authorized for release by:

Brad Williams
Digitally signed by Brad Williams
Date: 2021.03.15 17:56:32 -04'00'

ENVIRONMENTAL TESTING LABORATORIES INC

412 W. Walcott Street | Thomasville, GA 31792 | Phone: (229)-228-2592 | Fax: (229)-228-2594

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Laboratory Qualifiers

!	Data deviate from historically established concentration ranges.
#	Surrogate compound inadvertently omitted.
$	Due to dilution, surrogate compound was not detected.
*****	Not reported due to interference
?	Data are rejected as should not be used.
A	Value reported is the arithmetic mean (average) of two or more determinations.
B	Results based upon colony counts outside the acceptable range.
D	Measurement made in the field.
E	Extra samples were taken at composite stations.
F	When reporting species, F indicates the female sex.
H	Value based on fied kit determination; results may not be accurate.
I	The reported value is between the laboratory method detection limit and the laboratory practical
J	Estimated value.
K	Off-scale low. Actual value is known to be less than the value given.
L	Off-scale high. Actual value is known to be greater than the value given.
M	Presence of material is verified but not quantified; the actual value is less than the value given.
N	Presumptive evidence of presence of material.
O	Sampled, but analysis lost or not performed.
Q	Sample held beyond the accepted holding time.
R	Significant rain in the past 48 hours.
S1	Surrogate recovery reported is outside of laboratory established QA/QC Limits
S2	Analyte recovery reported is outside of laboratory established QA/QC Limits
S3	Analyte precision reported is outside of laboratory established QA/QC Limits
T	Value reported is less than the laboratory method detection limit.
U	Compound was analyzed for but not detected.
V	Indicates that the analyte was detected in both the sample and the associated method blank.
Y	Laboratory analysis was from an improperly preserved sample. Data may not be accurate.
Z	Too many colonies were present; numeric value represents the filtration volume.

Project Narrative

#E87684

Environmental Testing Laboratories, Inc. is accredited through NELAC and the Florida Department of Health.

Solid samples are reported on a dry weight basis unless otherwise noted.

Please refer to Section 4.0 of the ETL Quality Assurance Manual for a measure of uncertainty.

All analyses are performed using EPA or FL-DEP methods and certified to meet NELAC requirements, except where noted.

Analytical Method Summary

E87684 **Environmental Testing Laboratories Inc.**
412 W. Walcott Street, Thomasville, GA 31792
(229) 228-2592

EPA 1664 A	EPA-821/R-98-002
Residues- Filterable (TDS) (SM18 2540 C)	Standard Methods 18th Edition

Sample Summary

Laboratory Sample ID	Client Sample ID	Matrix	End Date / Time Sampled		Grab / Composite	Percent Moisture
275134	EFF	AQUEOUS-Wastewater	3/2/2021	15:00	G	

Executive Summary

Analyte	Analytical Method	Result	Units	Qualifiers	Result Comments
EFF (275134)					
Residues- Filterable (TDS)	SM18 2540 C	72	mg/L		

Analytical Data

Client Sample ID: EFF
Laboratory Sample ID: 275134
Sample Location:
Matrix: AQUEOUS-Wastewater
Date Collected: 03/02/2021 03:00 PM
Percent Moisture:

General Chemistry

Analyte	DF	Result	Qualifier	Units	MDL	PQL	Analysis Date
Oil & Grease	1.0	1.3	U	mg/L	1.3	2.0	3/10/2021 8:35:00 AM
Residues- Filterable (TDS)	1.0	**72**		mg/L	19	40	3/8/2021 9:00:00 AM

PQL: Practical Quantitation Limit | RL: Report Limit | MDL: Method Detection Limit | DF: Dilution Factor

Data Chronicle

Client Sample ID: EFF
Laboratory Sample ID: 275134
Sample Location:
Matrix: AQUEOUS-Wastewater
Date Collected: 03/02/2021 03:00 PM
Percent Moisture:

Prep	Analysis	Analytical Method	Dilution	Batch	Prepared	Analyzed	Analyst	Lab
TOT	RES	EPA 1664 A	1.0	OGA031021	3/10/2021 8:35:00 AM	3/10/2021 8:35:00 AM	PE	E87684
TOT	RES	SM18 2540 C	1.0	TDS030821	3/8/2021 9:00:00 AM	3/8/2021 9:00:00 AM	MB	E87684

QUALITY ASSURANCE / QUALITY CONTROL DATA

J

Preparation Batch ID: OGA031021 | Analysis Method: EPA 1664 A | Preparation Type: No Prep

Method Batch ID: MOGA031021 | Preparation Date: 3/10/2021 8:35:00 AM

Analyte	MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	-	% REC High Limit	%RPD	% RPD Limit
QA/QC Type: MB	Lab Sample ID: OGA031021MB				Client Sample ID: OGA031021MB						Date Analyzed: 3/10/2021 8:35:00 AM	
Oil & Grease	1.3	2.0	1.3	U	mg/L							
QA/QC Type: LCS	Lab Sample ID: OGA031021LCS				Client Sample ID: OGA031021LCS						Date Analyzed: 3/10/2021 8:35:00 AM	
Oil & Grease	1.3	2.0	34.8		mg/L	40.0	87.0	78	-	114		
QA/QC Type: LCSD	Lab Sample ID: OGA031021LCSD				Client Sample ID: OGA031021LCSD						Date Analyzed: 3/10/2021 8:35:00 AM	
Oil & Grease	1.3	2.0	35.6		mg/L	40.0	89.0	78	-	114	2.3	18
QA/QC Type: MS	Lab Sample ID: OGA031021MS				Client Sample ID: 275214MS						Date Analyzed: 3/10/2021 8:35:00 AM	
Oil & Grease	1.3	2.0	36.0		mg/L	40.0	90.0	78	-	114		
QA/QC Type: DUP	Lab Sample ID: OGA031021DUP				Client Sample ID: 275176DUP						Date Analyzed: 3/10/2021 8:35:00 AM	
Oil & Grease	1.3	2.0	250		mg/L						8.3	18

Comments:

Preparation Batch ID: TDS030821 | Analysis Method: SM18 2540 C | Preparation Type: No Prep

Method Batch ID: MTDS030821 | Preparation Date: 3/8/2021 9:00:00 AM

Analyte	MDL	PQL	Result	Qual	Units	Spike Amount	% REC	% REC Low Limit	-	% REC High Limit	%RPD	% RPD Limit
QA/QC Type: MB	Lab Sample ID: TDS030821MB				Client Sample ID: TDS030821MB						Date Analyzed: 3/8/2021 9:00:00 AM	
Residues- Filterable (TDS)	19	40	19	U	mg/L							
QA/QC Type: LCS	Lab Sample ID: TDS030821LCS				Client Sample ID: TDS030821LCS						Date Analyzed: 3/8/2021 9:00:00 AM	
Residues- Filterable (TDS)	19	40	493		mg/L	500	98.6	80	-	120		
QA/QC Type: LCSD	Lab Sample ID: TDS030821LCSD				Client Sample ID: TDS030821LCSD						Date Analyzed: 3/8/2021 9:00:00 AM	
Residues- Filterable (TDS)	19	40	488		mg/L	500	97.6	80	-	120	1.0	20
QA/QC Type: DUP	Lab Sample ID: TDS030821DUP				Client Sample ID: 275011DUP						Date Analyzed: 3/8/2021 9:00:00 AM	
Residues- Filterable (TDS)	38	80	3700		mg/L						0	20

Comments:

Alapaha WW Pond

Chain of Custody Record

Company: Southland Compliance Services Address: P.O. Box 1063 Nashville GA 31639 Telephone Number: 229 495-1188 Telefax Number: Sampled by [Print Name(s)] / Affiliation: Joey Harlow Sampler(s) Signature(s): [signature]	**Environmental Testing Laboratories, Inc.** ETL ENVIRONMENTAL TESTING LABORATORIES, INC. 412 W. Walcott Street Thomasville, GA 31792-4359 229/228-2592 (telephone) 229/228-2594 (telefax) www.etl-inc.com	Page 1 of 1 Project Name: Alapaha Treatment Pond Project Number: Project Manager: John Reynolds Facility ID Number: REQUESTED DUE DATE / /

Analyses Requested

Item No.	Field ID No.	Sample Date	Sample Time	Grab or Composite	Matrix (see Codes)	Number of Containers	O+G	TDS								Remarks	Lab Number
1	Alapaha Effluent	3-2-21	3:00pm	Grab	WW	1	✓										275134
2	Alapaha Effluent	3-2-21	3:00pm	Grab	WW	1		✓									|
Shipment Method		Total Number of Containers				2	0	0								← Preservatives (see Codes)	ICE: ☒ Yes ☐ No

Shipment		Via
Out:	/ /	Via:
Returned:	/ /	Via:

Additional Comments: WW Treatment Pond Effluent

Item No.	Relinquished by / Affiliation	Date	Time	Accepted by / Affiliation	Date	Time
	Ricky Cornelius	3/3/2021	9 20	[signature]	3/3/21	9 2[illegible]
	[signature]	3/3/21	2 15			

Cooler Number(s) / Temperature(s) (°C)	Sampling Kit Number	Received in Lab By:	Date	Time
1/ice/4.9		RCR	3-3-21	14:15

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Wastewater O = Other (specify) Chilled with ice

PRESERVATIVE CODES: H = Hydrochloric acid S = Sulfuric acid N = Nitric Na = Sodium Hydroxide O = Other (specify)

PRESERVATIVE CODES: SOIL VOCS MS = Methanol / Sodium Bisulfate MD = Methanol / DI Water

ETL PROJECT NO. 21-0819

ENVIRONMENTAL TESTING LABORATORIES INC

Project Receipt Summary

21-0819

Project Details

Client: SOUTHLAND COMPLIANCE SERVICES

Project Name: ALAPAHA TREATMENT POND

Shipping and Receiving

Date/Time Received: 3/3/2021 2:15:00 PM

Sampling Personnel: HARLOW

Shipping Method: Laboratory Courier

Shipping Tracking Number:

If present, were cooler custody seals intact? ○ Yes ○ No ◉ N/A

If present, were sample bottle custody seals intact ○ Yes ○ No ◉ N/A

Thermal Preservation

Cooler Temp Method: Sample Temperature

Thermometer ID: 16032413

Number of Coolers: 1

Were cooler temperatues in compliance? (0.1-6.0C) ◉ Yes ○ No ○ N/A

Cooler Temperatures: 4.9

Chain of Custody

Was the chain-of-custody received in coolers?	◉ Yes	○ No	○ N/A
Was the chain-of-custody signed and properly relinquished?	◉ Yes	○ No	○ N/A
Does the chain-of-custody agree with samples and analyses?	◉ Yes	○ No	○ N/A

Container Receipt

Were samples received in appropriate bottleware for analyses?	◉ Yes	○ No	○ N/A
Was sufficient volume submitted for analyses requested?	◉ Yes	○ No	○ N/A
Were samples received within method holding times?	◉ Yes	○ No	○ N/A
Were VOA vials received with zero headspace?	○ Yes	○ No	◉ N/A
Were aqeuous samples received at an acceptable pH?	◉ Yes	○ No	○ N/A

pH Test Strip Manufacturer / Lot #: MQUANT-HC989495

Comments

I certify I have answered the questions contained herein to the best of my knowledge and have affixed labels with unique IDs onto each sample container received. I certify any discrepancies regarding the samples as received by the laboratory have been documented completely in the comments section of this form.

BCR

Brandon Ray

ENVIRONMENTAL TESTING LABORATORIES INC

Project Receipt Summary

21-0819

Project Sample Detail

Lab Sample ID	Client Sample ID	Matrix	SPLP	TRPH Speciation	MaVPH MaEPH
275134	**EFF**	**AQUEOUS-Wastewater**	☐	☐	☐
275134-E1 (Oil & Grease)					
275134-E3 (TDS)					

ENVIRONMENTAL TESTING LABORATORIES INC

Project Receipt Summary

21-0819

Project Bottle Count Summary

Container Type	Preservative	Number of Containers
1-L Amber Glass	HCL	1
HDPE Plastic	NONE	1
	Total	2